



TONGA POWER LTD

2022

Annual REPORT

POWERING THE SUSTAINABLE
DEVELOPMENT FOR OUR KINGDOM

☎ 21400

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CONTENTS

ABOUT US	3
LETTER TO THE MINISTER	5
KEY OUTCOMES (2021/2022)	6
OPERATIONAL HIGHLIGHTS	8
CORPORATE GOVERNANCE	12
CHAIRMAN & CEO STATEMENT	15
REVIEW OF 2022	20
FINANCE & RETAIL	24
HUMAN RESOURCES	29
PRODUCTION AND SUPPLY OF ELECTRICITY	37
DISTRIBUTION	43
STRATEGIC DEVELOPMENT	46
MAJOR PROJECTS	58
ENGINEERING DIVISION	65
LEGAL, REGULATORY & ENVIRONMENTAL ISSUES	70
PERFORMANCE TO PLAN	73
PERFORMANCE TO PLAN (Con't)	74
FINANCIALS	75

ABOUT US

Tonga's electricity sector was re-structured in 2008 when the Government established the Electricity Commission (EC) through the Electricity Act 2007, and purchased the electricity assets from a privately owned entity.

The functions of the EC include the regulation of tariffs, establishing consumer service standards, managing electrical safety, as well as the licensing of electricians, and creation of regulations for major electrical works. TPL operates under a strict regulatory framework through the Electricity Concession Contract (ECC) in which tariffs, operational efficiency benchmarks, consumer service standards and penalties are specified between the EC, the Government and Tonga Power Limited.

TPL has its own Company Constitution and also operates under the Public Enterprises Act 2002 and amendments which provides greater commercialization incentives for state owned corporate entities. Tonga Power is entrusted with enforcing the Electricity Act and regulations.

Furthermore, TPL has been established with an independent Board of Directors drawn from the commercial sector of Tonga, appointed by Government. The company major objectives are to:

- 1) Achieve 50% diesel fuel savings from Renewable Energy generation by 2025 in order to achieve the government TERM target and realistic tariff reductions.**
- 2) Adopt technologies to manage the complexities arising from a digitized and decentralized renewable future.**
- 3) Improve the network and replacing ageing assets to improve safety, efficiency and reliability of supply.**
- 4) Promote a hazard free safety environment to minimize any danger to both the public and staff.**
- 5) Improve our business processes to enhance customer/employee satisfaction while supporting a healthy and competent team.**
- 6) Manage all external financing sources successfully in order to increase shareholder value.**

Tonga Power's core business is generating, distributing and retailing electric power across our four-grid system within Tonga consisting of more than 25,000 customers as well as the sale of gas through its subsidiary Tonga Gas. The Company also undertakes electrical contracting work particularly for private customer service lines.

A uniform tariff rate is charged for all electricity consumers which composed of a fuel and non-fuel tariff component. The fuel component of the tariff is adjusted regularly for forecast fuel costs, forecast electricity demand as well as to return previously over- or under- recovered fuel costs. The non-fuel part of the tariff is adjusted for annual inflation over the tariff period using a consumer price index.

VISION

Powering the sustainable development of our Kingdom.

MISSION

Providing safe, reliable, affordable and sustainable electricity services for Tonga, with at least 50% of electricity requirements through renewable sources by 2025 whilst remaining financially stable.

VALUES

- *Quality Customer Service*
- *Excellent practice & embracing technology*
- *Transparency & Accountability*
- *Creativity and Innovation*
- *Honesty and Integrity*
- *Run the business as if it is your own*
- *Success as a unified team, success as a dedicated individual*

LETTER TO THE MINISTER

27th April 2023

The Honourable PM & Minister for Public Enterprises
Nuku'alofa.

Honourable Minister,

Tonga Power Limited Annual Report 2022

I am pleased to present Tonga Power Limited's Draft Annual Report for 2022. The report provides a detailed summary of TPL's performance in accordance with Section 19 of the Ministry of Public Enterprises Act 2002 and amendments.

Tonga Power continued to meet some of its obligations and fulfil some of its responsibilities whilst also continuing with the efficient operation of the entire power system. Tonga Power acknowledges the support of Government through the lifeline tariff whereby all residential customers consuming up to 150 kWh of electricity paid a reduced tariff rate from April 2022 onwards as well as the \$100 subsidy offered to all residential customer in February 2022 after the Hunga Tonga Hunga Ha'apai volcanic eruption.

On behalf of the Members of the company, I take this opportunity to thank the Government for its continued support and look forward to the same in 2023 and beyond.

Sincerely,



Mr. Tapu Panuve
(Chairman)

KEY OUTCOMES (2021/2022)

Strategic Objective	Annual Measurable Target	Target	Annual
Achieving 50% electricity generation from Renewable Energy generation by 2025 in order to achieve the government TERM target and realistic tariff deductions.	Accumulated Fuel Displacement (%)	➤ 54%	➤ 11.27%
Adopting technologies to manage the complexities arising from a digitized and decentralized renewable future.	System Loss (%)	➤ 10%	➤ 9.5%
	Fuel Efficiency (kWh/L)	➤ 4.0	➤ 3.9
Improving the network and replacing ageing assets to improve safety, efficiency and reliability of supply.	Reliability (SAIDI Mins)	➤ <850	➤ 3970
	Number of Outages (Blackouts)	➤ <3	➤ 84
	Load Factor	➤ >58%	➤ 78%
	Distribution Transformer Utilization	➤ >30%	➤ Met

Promote a hazard free safety environment to minimize any danger to both the public and staff.	Number of Incident Reports	➤ >175	➤ 20
	Number of emergency drills per annum	➤ 2	➤ 1
	Exercise BC/DR Plan	➤ 90%	➤ 50%
Improving our business processes to enhance customer/employee satisfaction while supporting a healthy and competent team.	Staff Retention (%)	➤ >90%	➤ 99.97%
	Customer Satisfaction rate	➤ Improve Baseline by 10%	➤ None
	Number of internal audits per annum	➤ 3	➤ 3
	% of staff training	➤ 25%	➤ 68%
Manage all external financing sources successfully in order to increase shareholder value.	Revenue	➤ \$TOP51m	➤ \$TOP68.1m
	NPAT	➤ \$4.0m	➤ \$TOP1.5m

OPERATIONAL HIGHLIGHTS

- Net Profit After Tax of \$1,459,839 (2020/21: Net Profit - \$886,070). The improved profitability is largely attributed to the increased fuel revenue by 69% to \$30,010,281.
- The total number of customer accounts increased by 2.1 % from 25,292 in June 2021 to 25,837 in June 2022. The customer accounts as at end of June 2022 are made up of: Commercial 4,872 (18.90%) and residential 20,965 (81.10%). There was an increase in demand for electricity by an overall 3.3% from 67.3 million units at end of June 2021 to 69.5 million units at end of June 2022.
- The total number of customer service desk records decreased from 1,924 last year to 1,556 this year however this number does not really reflect the actual number of customer dissatisfaction especially during the COVID lockdown after the volcanic eruption in February. Tonga Power staff were occupied mostly with dealing with customer complaints from January 2022 up until end of June 2022.
- The total number of reported faults and outages reported by the Fault Unit decreased by 30% from 3,442 reported faults/outages in the financial year 2021 to 2,386 at end of June 2022, reflecting largely the improved network couple with the COVID lockdown that resulted in less staff movements during that period.
- The electricity power tariff was \$0.8071 per kWh at the beginning of the 2021/22 financial year, then increased to \$0.8412 in October 21 and continue to rise up to \$0.9712 in April 22, whereby the shareholder approved to provide a \$0.1791 per kWh GPO rebate for all power customer who uses 150kWh or less per month. The continuous increase in tariff was underpinned by the increase in price of diesel over the year. Government also offered another subsidy in February 2022 of \$100 to all residential customers in Tonga and

Vava'u.

- As of June 2022, Tonga Power Limited workforce comprised of 233 permanent employees and 32 casual employees at a total of 265 employees, an increase from 263 employees in the previous year.
- Tonga Power Limited staff retention rate were at 99.97% compared to a target of 5%, while staff turnover rate at 0.44% compared to less than 5% target.
- We have completed training of about 68% of our staff based compared to a target of 25% per annum.
- 94% of employees completing a performance review compared to an annual target of more than >70% to which 64% of employees meet and exceed targets while 30% achieved outstanding performance.
- Human resources Unit has completed the MPE standardized policy review which was referred to the Ministry on the 31st March 2021.
- Total generation (diesel plus renewables) in all four islands groups for year ending June 2022 was about 77.2 GWh, an increase from 74.9 GWh in the year 2021. Out of the total power generated, 69.5 GWh were billed to the customers and parasitic and line losses contributed to 2.1 GWh (2.76%) and 5.6 GWh (6.72%) respectively.
- Total renewable energy generation for the FY 2021/22 year was 7,269 MWh, which was a 15.9% decrease from the previous year 2020/21-year figure of 8,642 MWh. Renewable energy as a fraction of the total electricity generation across all 4 island grids is 9.4%.
- 2,065 Capital and Operational works were estimated by the distribution design and planning team this year.

- Over 700 LED Street Lights were installed this year across all four islands.
- Customer connections decreased from 758 to 617, as the team utilise the funds/resources available so that a larger customer based are being connected.
- Average customer waiting time for work estimates and new connections achieved which were 3.4 working days and 2.38 working days respectively.
- HTHH tsunami and volcanic dust cleansing of 4,000+ HV poles, 400+ transformers and switches and rebuilding of network along parts of the West Coast, Nuku'alofa and 'Eua.
- The overall system losses for all four-grid island system have decreased from around 11.3% in 2014 to 9.5% as at end of June 2022. Line losses as a portion of the overall system losses has decreased significantly from around 9.0% in 2014 to 6.7 % as at end of June 2022.
- 6MW IPP Solar is 90% near completion; commissioning date has now been moved to December from October as initially planned due to a request from His Majesty George VI. We are still awaiting the confirmed date.
- TREP 'Eua and Vava'u Solar 650KW is 85% complete which is also target to be completed towards the end of this year.
- The two BESS system (6MW Load Shifting BESS in Matatoa & 6MW Stabilising BESS in Popua) are 90% and 100% complete respectively.
- Nuku'alofa Upgrade Project Area 3 is completed up to 82% by end of August 2022 and target to be completed by end of this year.

- OIREP Vava'u Network upgrade PHASE 3 is target to be completed by end of December 2022 (55% LVL completed, 35% service line upgraded and 95% HV line completed).
- The Engineering Division continue to assist different divisions of the company in providing economic solutions to technical problems such as providing support to the Distribution team on replacing step up transformers, support for fault and unusual network events, load float simulation work, renewable energy assistance, by pass meter checks, thermal imaging inspection, and more.
- The Strategic Development Unit of the company continued to roll out media and public awareness initiatives through different platforms including vast text messages, radio and talk back programs, press releases to keep all customers of Tonga Power informed of all power related issues such as power outages, customer complaints, load shedding work and more.
- Team Strategic are also tasked with following up donor requests proposals and assistance which have already been promised to Tonga Power in order for the company to achieve its main objective of achieving 50% Renewable by 2025. The projects in the pipeline includes the Proposed Wind Monitoring Unit in 'Eua, new Small Distributed Generation tariff rates, Grid Study RE Optimization Strategy.
- The team were also able to do a major development to most of TPL corporate reporting requirements such as the Business Plan and also develop internal reporting templates to aid with Board reporting and compliance reporting to relevant stakeholders.

CORPORATE GOVERNANCE

Despite the devastating effect of the volcanic eruption in January 2022 and the ongoing impact of the COVID-19 pandemic, Tonga Power remain committed to strengthening governance mechanisms throughout the year to ensure alignment with the organizations corporate values, culture and strategic objectives. Tonga Power considers its inherent responsibility to disclose timely and accurate information regarding the company financials and performance as well as to comply with good governance practices as stipulated in relevant regulations.

Board of Directors

The primary function of the Board of Directors is to provide effective leadership and direction to enhance the long-term value of the company to its shareholders and other stakeholders. The Board oversees the business affairs of the company and all directors exercise due diligence and independent judgement and make decisions objectively in the best interest of the company.

The Board is also responsible for setting the right direction from the top and ensuring that a robust governance structure is in place to enable the company to succeed and deliver long-term sustainable growth.

In 2022, Board meetings were held twelve (13) times and the attendance of each member is tabulated below.

As at the 30th June 2022, the Board composition was as follows together with the number of Board meetings attended:

Director	July 2021 - September 2021	Number of Board meetings attended
Dr. 'Aisake Eke	Board Chairman	3
'Ipolito Lasalo	Deputy Chairman	3

John Paul Chapman	Director	Resigned 30th June 2021
'Isileli Pulu	Director	3
Tevita Puloka	Director	3
Seinimili Fonua	Director	3
Lord Lasike	Director	3
Director	September 2021 - February 2022	Number of Board meetings attended
Lord Lasike	Board Chairman	3 (Sept - Nov 2021)
Isileli Pulu	Director	6
Seinimili Fonua	Director	6
Soane Kautai	Acting Chairman (eff from 13 Dec 2021)	6
Saimone Helu	Director	6
Daniel Hamala	Director	6
Pisila 'Otunuku	Director (appointed 15/10/21)	5
Director	February 2022 to present	Number of Board meetings attended
Tapu Panuve	Board Chairman	4
Lord Lasike	Deputy Chairman	4
Maliu Takai	Director	4
Sosaia Penitani	Director	4
Saimone Helu	Director	4
Tevita Tukunga	Director	4

Board Sub-Committees

The following subcommittees were formed and included membership from the Board in order to assist in advisory functions:

- Remuneration Review Committee
- Finance and Audit Committee

These subcommittees ceased operations in November 2022 upon the appointment of the new Board early this year.

Policy-Based Corporate Governance

The company continues to implement several policies based on corporate governance to ensure that all employees including the Board are committed to the principles of corporate governance standards consistent with best practices.

The following policies included:

- 1) Directors Code of Conduct
- 2) Board Conflict of Interest Policy
- 3) Amended Policy
- 4) Staff Administration Policy

CHAIRMAN & CEO STATEMENT



The financial year 2022 has been a year of unprecedented challenges for Tonga Power and all Tongans. The very disastrous impact of the volcanic eruption following the deadly ash deposit from the event was a once in a life time life threatening experience as the whole country experience complete power blackout during the night of January 15th 2022, leaving families without electricity for few days thereafter while some homes were completely washed away by the tsunami waves.

One village on the west coast of Tongatapu and some islands in Ha'apai and 'Eua were completely washed by the tsunami waves including most of our poles, meters and lines. Our team works tirelessly day and night to clean the ashes from the network, our solar panels and all power equipment's before they work on restoring power to homes because this is the first of its kind to grace the country. Additionally, the ongoing impacts of the closure of the international borders, followed by restrictions such as lockdowns, social distancing and imposition of curfew on the health and well-being of all Tongans, have been challenging. We are proud of Tonga Power role in responding to these crises at a time when our customers, that rely on us, have been in need. The uncertainty stemmed from these events has reminded us all of the need for Essential Services to perform in times of crisis.

The impacts of the volcanic ashes from the Hunga Tonga Hunga Ha'apai eruption and the COVID 19 pandemic impacted customer consumption pattern throughout the year. With the hard lockdown in February 2022, customer demand increased rapidly as people stayed home for two whole weeks including most of our employees except our very essential workers in the Power Generation and the Network who were still call in to the office to attend to people's electricity needs. This came as a bigger challenge as we tried to keep

the lights on while at the same time generating revenue to keep the company going. The company therefore decided to use averaging to estimate customer bill for the month of January 2022 as the meter readers were not able to visit houses for meter reading purposes as the smart meter system was also down. The averaging of customer power bills in February sent a major public outcry as customers experienced very high power bills. Some of the customer bills were double, some were triple and some were wrongly charged while the majority were correctly charged. Despite several radio talk back and TV programmes televised to clarify what was done and the causes of the high power bills as well as how the bill of February was determined, most of our customers were still unhappy. The government in response to the public outcry directed the company to reimburse the over average billed customers then the under averaged customers are to remain as is. To date, only a few of our customer based are still not satisfied with the work we have done to date. We have worked closely with Itron Ltd, the host company of our smart meter system, Agility for our Billing system and relevant parties to ensure that such problem will not jeopardise public perception of the work we do further.

Notwithstanding the set, Tonga Power electricity demand and financial performances for 2022 were at satisfactory level. The Turnover for 2021/22 recorded the highest bringing in a consolidated total revenue of the Group of \$77,474,811(2021: \$62,222,243) and TPL \$68,140,550 (2021:53,690,868). The 27% increase in total revenue was directly related to the highest diesel price movement within the year, an increase of \$1.33 per litre (or 83%) from June 2021 to \$2.9420 per litre by June 2022. With an Asset Value of around **\$156.2 million** comparative to **\$157.7 million** in 2021, it stands a testament on TPL's focused Investment and Vision of "**Powering the sustainable development for our Kingdom**" to ensure our Electricity Networks and Operations are prepared for the future. We commend our shareholder for the ongoing support this year through the \$100 subsidy offered to all our residential customers during February 2022 as well as the GPO offered in April of this year to counteract the effect of the rising diesel price.

TPL prides itself as a provider electricity across the 4 main islands, and as an implementing agency to energy related projects. Serving communities 24 hours a day, 7 days a week with an added smile is at the heart of what we do.

The past year has been a busy one for TPL as we continued to press towards Tonga's Sustainable Development Goals and Nationally Determined Contribution for Renewable Energy and investing in our core operations to ensure safe, reliable and affordable service as part of staying focused, and ensuring our infrastructure performs consistently for the benefit of our consumers.

The organisation has continued to deliver against its work programme while keeping up with the changing shareholders requirements and changing Board of Directors in addition to the impact of the COVID pandemic impact and the HTHH effect.

We have reached significant project milestones most notably the **Tonga Renewable Energy Project (TREP)** and **Nukuálofa Network Upgrade Project (NNUP)** while continuing to respond to a rapidly changing environment. Despite delays in schedules for most projects, the team still manage to find ways to keep these projects moving forward to achieve the expectation of the Board and our shareholder.

Our electricity business connected 617 (758 in 2021) new customers and invested \$9 million to ensure our operations continue to serve our community reliably into the future. It's the stepping stone to a \$46 million planned 5-year investment programme to renew older equipment, and cater for growing capacity as our country continues to grow and diversify into a greener future. We continued to evolve our Electricity Infrastructure to enable increasing integration of technologies such as Wind power, Solar power and Battery Energy Storage Systems while keeping base load of our traditional thermal Generators.

Demand for connection to our new networks remains positive, averaging 22% annual increase with a total of around 25,837 (25,292 in 2021) customers across the 4 islands. Despite the impacts of Covid-19 Energy demand continued to increase by 3.3%. Safety, effective programme delivery, and investing in local workforces of now 266 strong, remained critically important to TPL and our Shareholder, and we made material investments in each of these areas this year. Financially, we achieve our group NPAT but managed to support with the Shareholders subsidy which was reinstated in April 2022, effective balance of pricing discounts, reinvestment, and total debt management.

Making the right strategic decisions has been underpinned by a focus on partnerships and trusted relationships with our Shareholder, Development Partners and Communities to ensure our services provide maximum value. The impact of the COVID-19 outbreaks and the HTHH volcanic eruption reminded us all why our essential service to our customer's matters. Our networks and staff performed well in keeping power available over this period, a critical contribution to the families and businesses who rely on our services when it mattered most. The body of this report includes other examples of our commitment to effective relationships, such as collaboration with our Shareholder and Development Partners to improve TPL's outcomes in facilitation of business and community networks, training and capacity building, wellbeing initiatives and local sponsorships.

Overall, we have been pleased how the strong Tonga Power Limited Team has focused on the things that matter this year. Their performance embodies Our Vision, Our Mission and Our Values, being mindful, being present, being safe, working together to earn the trust and owning the outcome.

As highlighted by the **Tonga Strategic Development Framework II (TSDF II)**, electricity is a key driving force of economic development which in turn fuels better living standards. Our Mission is to provide safe, reliable affordable and sustainable electricity services for Tonga. And to do this by harnessing 50% of

electricity requirements through renewable sources all the while remaining financially stable.

We look forward to doing our part to continue to support Tonga's recovery from the aftermath of the volcanic eruption and the COVID-19 pandemic and its associated impacts.

Sincerely,



Tapu Panuve
Chairman



Finau Moa
Acting Chief Executive Officer



REVIEW OF 2022

REVIEW OF 2022

The total number of customer accounts increased by 7.13 % from 25,292 in June 2021 to 25,837 in June 2022. The customer accounts as at end of June 2022 are made up of: Commercial 4,872 (18.90%) and residential 20,965 (81.10%). The increase in customer accounts was mainly underpinned by the improved standard of living in addition to Tonga Power assistance in financing service lines and bond for all electricity new connections.

Smart Meters are currently installed in the main island Tongatapu. As of June 2022, there are more than 2,000 smart meters remaining to be installed (both single and three phase) and is anticipated to be completed by the end of December, 2024.

There was an increase in demand for electricity by an overall 3.3% from 67.3 million units at end of June 2021 to 69.5 million units at end of June 2022. The increase in electricity consumption in the commercial and residential sectors largely is a result of the improved network, increased construction and is anticipated to continue as the NNUP progresses, increased construction work and the improved standard of living. Another major contributing factor to the increase is that Tonga Power agreed to subsidised all service lines and customer bond previously charged to customers.

Customer Service

The Customer Service front desk and the Fault team continued to deliver its primary purpose of attending to customer complaints and fault related needs in the year ending June 2022 as the total number of customer complaints decreased from 1,924 last year to 1,556 this year.

The marketing and communications team continue with their many awareness programs through continuous media releases and ongoing text and email reminders of power outages, disconnection and reconnection, online billing and repayments, and more. The two days threshold for addressing customer queries stipulated in the Concession Contract II however was being strictly adhered to.

Other complaints have been reported directly to the Office of the Ombudsman in which was handled well by the Risk and Compliance and Human Resources divisions of the company.

The total number of reported faults and outages reported by the Fault Unit decreased by 30% from 3,442 reported faults/outages in the financial year 2021 to 2,386 at end of June 2022, reflecting largely the improved network. Most of the reported faults during the period were mainly in areas of the CBD – covered in the Nuku'alofa upgrade scope. Note that the total faults do not include the amount of work/faults reporting during the volcanic eruption.

The Fault Unit continues to operate 24 hours, 7 days a week with the main Contact Centre at the Lakalakaimonu Complex at Matatoa, Tofoa while the customer service counter closes at 5.00pm from Monday-Friday.

Electricity Tariff

The electricity power tariff was \$0.8071 per kWh at the beginning of the 2021/22 financial year then continue to increase to be in line with the increase in diesel prices up to its highest over the last 5 years of \$0.9712. Fuel price increased by more than 80% over the period although customers did not notice the change due to the government electing through a Government Policy Obligation to subsidize the difference in tariff. In April 2022, Government provides \$0.1791 seniti per kWh GPO rebate for all power customer who uses 150 kWh or less per month. Additionally, in response to the volcanic eruption impact, all residential customers were offered a \$100 subsidy in February 2022 to assist with their power bills.

The electricity subsidy threshold offered to residential customers using less than 100kWh per month which became effective in April 2017 ceased in September 2020 due to very low oil prices due to COVID-19. The low oil prices translated to low electricity tariffs enjoyed by all residential, non-residential and Government.

The review of the customer bond is ongoing, based on the consumption pattern changes. However, there has been ongoing debate that customer service lines

are charged back to customers because those costs are not on the non-fuel component of the power tariff and until the next fuel reset on 2024/25. Bill payment continues to be collected through the following means of payments:

- Internet Banking (ANZ, BSP and TDB)
- Digicel Mobile Money & Klickex
- EM Jones
- Outer Islands offices
- Waste Authority offices
- Tonga Water Board offices
- Western Union
- Home Gas offices
- Online Self Service

With the newly Multi Utility Complex building, this serves as a one-stop shop where you can pay your utility bills in one office. Disconnection and reconnection remain free of charge although a fee is being considered for urgent requests for reconnection.

Generation vs. Consumption

Total generation (diesel plus renewables) in all four islands groups for year ending June 2022 was about 77.2 GWh, an increase from 74.9 GWh in the year 2020/21. Out of the total power generated, 69.5 GWh were billed to the customers and parasitic and line losses contributed to 2.1 GWh (2.72%) and 5.6 GWh (6.76%) respectively.

Tongatapu's 12-month generation increased by about 3.0% over the year which is in line with the rise in total consumption. In general, an increase in overall generation in all islands correlates to the increase in consumption in all islands.

System Losses for all islands has generally remained at the losses target of 10% as compared to FY 2021 except Ha'apai and Vava'u shows the opposite slightly

above the target of 10%. Parasitic Losses for the whole kingdom generally remained stable as compared to the same period last year which operates at an annual average of 2% to 3%.

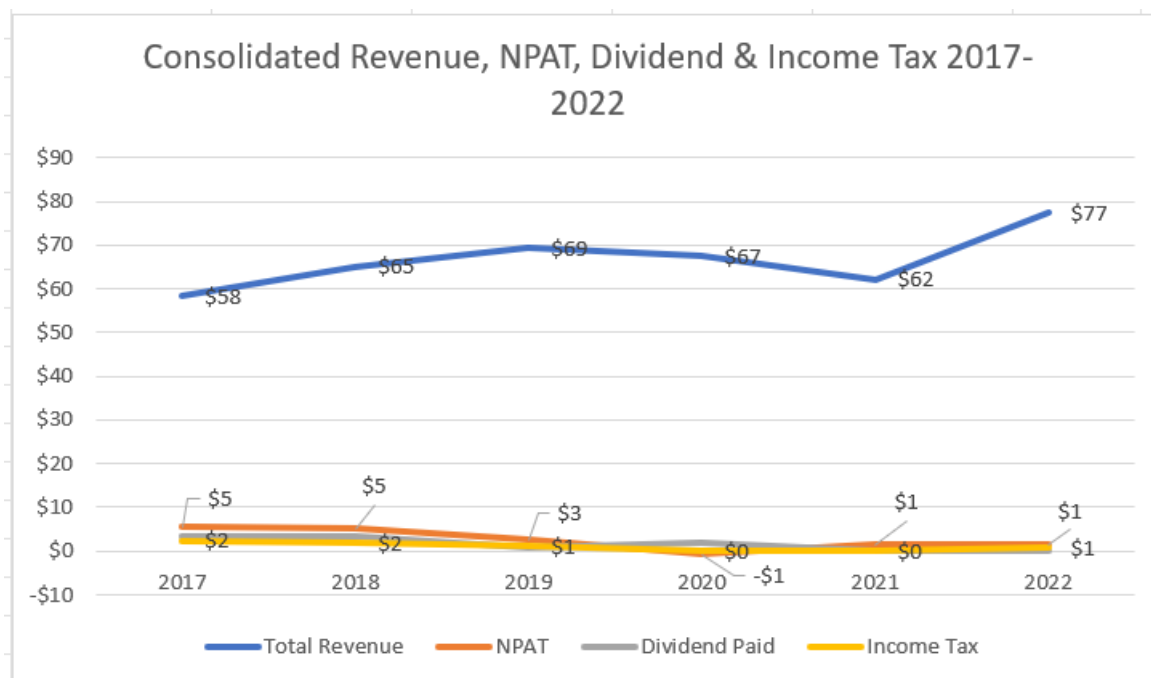
Fuel efficiency is the measure of the number of kWh generated per one litre of diesel. The higher the fuel efficiency, the better the performance. TPL generally complies with the fuel efficiency targets on Tongatapu at an average of 3.9 to 4.0 as compared to the 4.0 target specified in the Concession Contract III. In Vava'u, 'Eua and Ha'apai for the majority of the financial year they had been operating below the fuel efficiency target. This is attributable to some of the generation challenges associated with the network (numerous planned and unplanned outages) as well as generator maintenance challenges.

Additionally, the challenge is largely attributable to having to run the generators at very low load thereby leading to a reduced fuel efficiency due to the intermittent solar plants. This however has a corresponding positive impact on the fuel tariff. An ongoing dialogue with EC to clarify the company position would result in a better relationship between the targets and the effect of Renewables and the increased focus on customer services.

Renewables Generation

The nature of solar PV generation without storage, limits its usefulness to daytime only. Total renewable energy generation for the FY 2021/22 year was 7,269 MWh, which was a 15.9% decrease from the previous year 2020/21 year figure of 8,642 MWh. Renewable energy as a fraction of the total electricity generation across all 4 island grids is 9.4%.

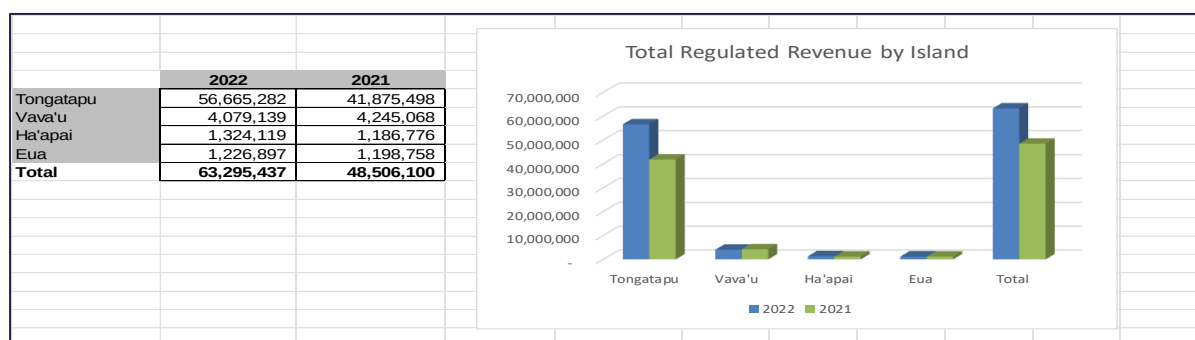
FINANCE & RETAIL



	2017	2018	2019	2020	2021	2022
Total Revenue	\$58,246,868	\$65,145,330	\$69,458,276	\$67,429,743	\$62,222,243	\$77,474,811
NPAT	\$5,434,424	\$5,196,052	\$2,641,497	-\$698,437	\$1,470,257	\$1,409,174
Dividend Paid	\$3,300,000	\$3,300,000	\$1,000,000	\$1,981,428	\$ -	\$200,000
Income Tax	\$2,458,139	\$1,920,278	\$1,220,836	\$ -	\$ -	\$699,470

The Turnover for 2021/22 recorded the highest bringing in a consolidated total revenue of the Group of \$77,474,811(2021: \$62,222,243) and TPL \$68,140,550 (2021:53,690,868). The 27% increase in total revenue was directly related to the highest diesel price movement within the year, an increase of \$1.33 per litre (or 83%) from June 2021 to \$2.9420 per litre by June 2022. This change in diesel price were updated directly to the customers. Similarly with Tonga Gas LPG Prices.

Tariff Revenue by island;



In addition, the Net Profit for the year slightly decreased by 4% \$1,409,174 (2021: \$1,470,257) with TPL NPAT's 65% increase: \$ 1,459,839 (2021: \$886,070) but TPL NPAT was short by 55% as compared to \$3,274,371 NPAT Budget 2021/22.

Meanwhile, the 2021/22 year was the most challenging year ever recorded in terms of operation. In January 2022, a disruption from the volcanic eruption coupled with more than a month covid hard lockdown meant work processes needed to change and adapt to suit the new challenging environment. This includes flexible working hours from home most times ensuring that the team performed its supporting duties to the other departments. All the way, safety was utter most important to our employees and customers alike, at all times.

However, the staff were called in to attend work during the hard national lockdown in order to ensure electricity power generation and network distribution and overall operations in order to receive the necessary assistance they needed to maintain the country's electricity grid 24/7.

Despite the many challenges, Finance was able to deliver its main tasks to the company during the year with the expectations met and lessons learnt to better prepare the team for the ongoing challenges be it incoming new covid viruses or other natural disasters.

Return on Equity continued to be low at 2% but similar to last financial year.

Debt to equity ratio of 1.57 for 2021/22 represented for every \$1.57 debt for every \$1 equity.

	2017	2018	2019	2020	2021	2022
Total Equity	60,107,499	62,003,551	63,856,011	61,955,317	61,328,582	61,775,195
ROE	9%	8%	4%	-1%	2%	2%
ROA	4%	4%	2%	0%	1%	1%
Debt-to-Equity Ratio	1:1.35	1:1.33	1:1.74	1:1.71	1:1.62	1:1.57
Equity Ratio	1:0.43	1:0.43	1:0.37	1:0.37	1:0.38	1:0.39
Debt Ratio	1:0.57	1:0.57	1:0.63	1:0.63	1:0.62	1:0.61

Retail

Revenue Collection

The company was able to collect a total of \$57,115,955 for the year 2021/22. The damages to the international fibre cable caused by the volcanic eruption with the hard lockdown created challenging environments for the team as a whole. The most essential challenge was the interruptions to the telecommunications causing communication breakdown with the revenue collection offices where IT Server is hosted at Matatoa for the whole 4 islands. It also affected the online payment module. The highest health threat was the fear of being exposed to covid19 which could result in death. The staff were required to wear proper safety gears with special attention while complying with the Ministry of Health's covid hygiene standards while continuing to serve an already stressed public.

TPL Age Receivables had gradually increases from 15 days last year to 23 days this year, due to the reasons mentioned above.

Aged Debtors	2017	2018	2019	2020	2021	2022
Debtor Days	11 days	11 days	14 days	9 days	15 days	24 days
Trade Receivables	1,419,910	1,402,611	1,897,507	1,277,050	1,933,506	4,147,884
Annual Credit Sales	45,609,867	45,363,460	51,031,273	51,642,384	45,573,368	62,052,206

Payment Options

The plan to set up Mobile Collection Unit was not carried out due to the covid lockdown restrictions that the face-to-face customer payments accounted for most of all power accounts payments. Payments were also received through Fexco Ltd, BSP Online Payment, ANZ Online Payment, Digicel online payment and TDB Agent payment.

While the connections to the outer islands remained limited, the staff were asked to stay behind and manually processed the outer islands' daily collections and billing until connections were partially restored to around June 2022.

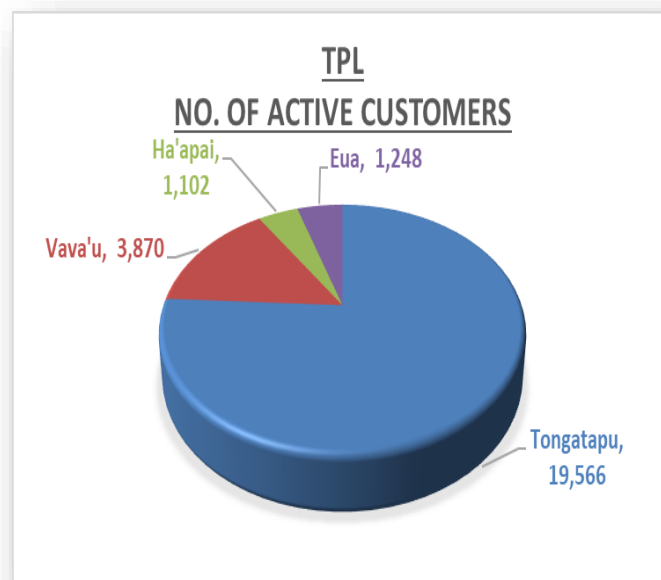
Billing Division

As at end of June 2022, TPL had 25,786 meters which were required to be read by the end of the financial year. However, the Billing Department faced some uphill challenges after the volcanic eruption and hard covid lockdown. Billing was also affected by the telecommunications breakdown following the volcanic

eruption not to mention the most reduced staff for Tongatapu Billing down to 8 from the usual 12 meter readers. The operational areas affected included the Itron Sever which was being hosted in US, so there was no remote reading for over a month. As a result, there was a failure in smart meter readings, long delay on major billing development from Agility in NZ, especially the new Government with new subsidy methodology. Billing for January 2022 was delayed till end of February and beginning of March. There were some miscommunications in terms of Billing and Billing Reports to stakeholders. This issue persisted and was only sorted February 2023 after the Finance staff were requested to clarify all the accumulated billing issues over past year.

Furthermore, one of the Department's greatest challenges was the very low smart meter read-rate of around 0% to 30% post volcanic eruption. The primary cause of this low smart meter read-rate was the unstable telecommunications via CGRs from the customer smart metres to the back office. The IT Department is currently working on improving this vital telecommunication issue.

	No. of Active Customers
Tongatapu	19,566
Vava'u	3,870
Ha'apai	1,102
Eua	1,248
Total	25,786



TPL CUSTOMERS' COMPLAINTS SUMMARY				1 Feb 22 to 30 June 2022
Complaint Through:	Phone	Email	Walk-in	TOTAL
Feb - May 2022	361	282	45	688
Jun-22	8	13	167	188
Total Feb to June 2022	369	295	212	876
Type of Complaints:	DISPUTES	INVOICES	GPO Subsidy	TOTAL
Feb - May 2022	618	62	8	688
Jun-22	169	19	0	188
Total Feb to June 2022	787	81	8	876
Complaints Status:	Open	Escalated/Pending	Closed	TOTAL
Feb - May 2022	7	27	654	688
Jun-22	1	22	165	188
Total Feb to June 2022	8	49	819	876

A total of 876 complaints (Billing Related) were logged into Revenue System from February 2022 to June 2022 with lesser 188 complaints logged in during July 2022.

HUMAN RESOURCES

For the 2021/2022 FY, the Human Resources Division supported the Strategic Business Plan by closely monitoring its strategic objectives and annual targets as highlighted below;

Strategic Objectives	Annual Measurable Targets	Annual Average
1. Improving our business processes to enhance customer/employee satisfaction while supporting a healthy and competent team.	% of employees completing a performance review - >70%	94% completed a review 64% meeting & exceed targets 30% outstanding
	% of staff trained – 25%	68% of total staff
	No. of policies reviewed	HR policy reviewed and submitted to Board and referred to MPE 31 March 2021. Policy consultation with 157 employees (74% of staff in TBU) over 15 sessions in July 2021.
	Turnover Rate <5% Staff retention rate >5%	0.44% 99.97%

TPL Workforce

As of June 2022, Tonga Power Limited workforce comprised of 233 permanent employees and 32 casual employees at a total of **265 employees** distributed throughout Tongatapu, Vava'u, Ha'apai and 'Eua.

Our total employee numbers increased by 0.76% by June 2022 as compared with the staff numbers for June 2021.

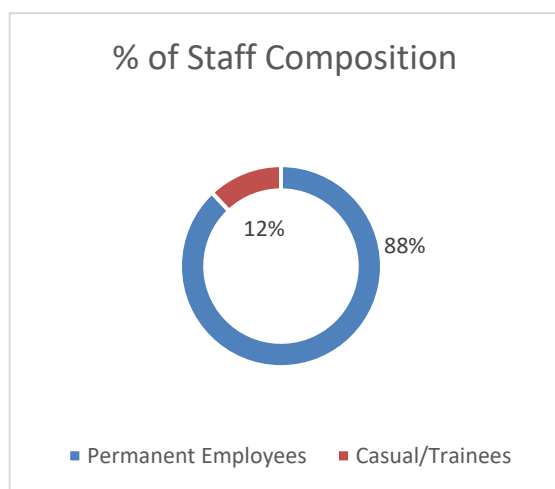


Figure 1: Staff Composition

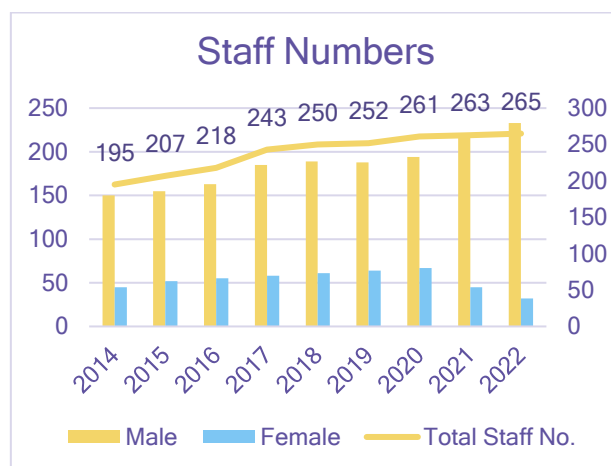


Figure 2: Total staff numbers (2014-2022)

Staff numbers as depicted in the above graph, has continued to increase over the past nine (9) years. This is attributed to the demands of our major projects currently in place which includes the NNUP, OIREP and the efforts towards achieving 50%

Renewable Energy by the end of 2025 and 70% by 2030 which requires more manpower.

Despite our increasing staff numbers, we are still able to continue to maintain a high staff retention rate in the past 4 years which is above the annual target of 90%.

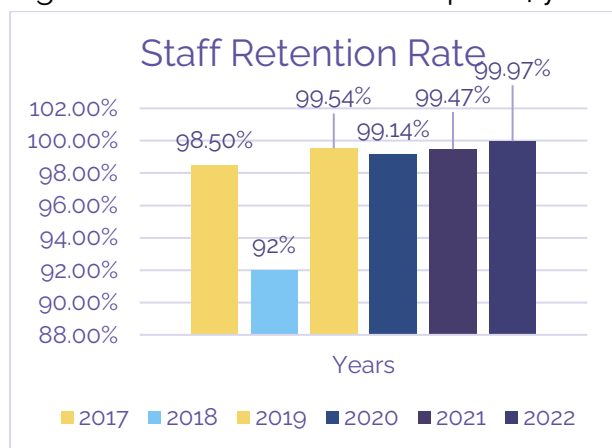


Figure 3: Staff Retention Rate

In terms of gender composition, about 26.42% of the total number of all employees are females and 73.58% are male.



26%



74%

While this reflects the nature of our work as a male dominant organisation, it is still very encouraging that we have continued to grow in our female numbers over the past seven (7) years as follows;

Year	2016	2017	2018	2019	2020	2021	2022
No. of females at TPL	55	58	61	64	67	67	70

Table 1: No of female employees, 2016 - 2022

We are committed to continue supporting our female students and interns who are back during their school break and are engaged as trainees. We will also endeavour to push for more gender equality policies at the workplace and advocate for more females in our technical fields.

HR Team

There has been no change to the team composition and the HR team consists of four (4) employees which is made up of the HR Manager, Senior HR Officer, Senior Payroll Officer and a Junior HR Officer.

Our Junior HR Officer was promoted to HR officer in December 2021 and was also awarded a NZ Government Scholarship to complete a degree in human resources. However, due to covid she was unable to travel overseas but it is anticipated she will be leaving for further studies in the next financial year.

It is noted that one of our staff (i.e., Senior HR Payroll Officer) had travelled overseas to accompany her husband for medical reasons thus workload was shared amongst other staff in the team. However, she has returned and resumed duty in March 2022.

Performance Review

Employees were able to complete their 1-2-1 with their supervisors as part of their annual performance review for the 2020/2021 FY in August 2021 and was submitted and approved by the Board at the end of September 2021. This submission also included the performance review for the 2019/2020 FY which was also approved by the Board.

For the 2019/2020 FY, 84% of TPL staff completed a performance review with 70% of staff either met or exceed performance targets with 12% being outstanding with 2% being below expectation.

For the 2020/2021 FY, 94% of staff completed a performance review with 64% of staff meeting and exceeding expectation with 30% as outstanding.

All performance review results were submitted to the ACEO and Management team before final approval by the Board.

Trainings (Short term & Scholarships)

We continue to support capacity building and training for our employee despite COVID-19 which has greatly impacted on our trainings due to border closures for Tonga and overseas countries. Consequently, some of the trainings we have been able to facilitate are local trainings only and a few virtual trainings over zoom. Some of the trainings completed for the financial year were as follows;

- i. HR Policy training and consultation for staff in Tongatapu in July, 2021. 15 sessions from the 13 – 27 July, 2021 with 157 employees being consulted and trained on proposed new policy.
- ii. Four staff were approved to start trainings funded by the Government of Malaysia as follows for the month of June – July, 2022;
 - A. Advanced Metering Infrastructure – Mr 'Aholoka Tupou, Head Meter Technician.
 - B. Strategic Shift of 33KV Overhead Lines Maintenance Regime Approach – Mr 'Alaniteila Tufi
 - C. Distribution Planning in Power Utility – Ms Siunipa Noavea
 - D. Regulatory Framework of Electrical Competent Person for Energy Sector – Mr 'Aleki Vaka'uta.
- iii. Mr Finau Katoanga and Mr Tevita Paletu'a commenced online training on the 2nd Regional Online Training for the RE Integration and RE O&M funded by JICA on the 19 – 28 April 2022.
- iv. Mr Fineula Tui'onetoa and Mr Painitu'uua Lie commenced online training on the 2nd Regional Online Training for the introduction of Hybrid Power Generation System (HPGS) funded by JICA on the 29 March – 5 April 2022.
- v. Five (5) TPL employees completed training by the Ministry of Health on the 11 March 2022 on how to do proper rapid antigen tests for TPL employees.
- vi. Renewable Energy and Diesel Power Operation in Small Islands training online set to be attended by Mr Painitu'uua Lie from the 1 February – 22 February 2022 but due to the Hunga Tonga Hunga Ha'apai volcanic eruption this did not take place as there was no internet connection.
- vii. Mr Viliami Palaki, Mr Tevita Hakeai and Mr 'Onesi Masiu completed training on Renewable Energy Mini-Grids joint ISA by Government of Tonga – PCREEE and INES training on Renewable Energy Mini Grids which ran from 16 – 19 November 2021.
- viii. Mr Lualala Tapueluelu and Mr Fusi Vaka'uta attended an online training facilitated by the CERT Tonga on Incident response techniques 1 Session with Trustwave on 16 September 2021.
- ix. Ms Fekita Mataele was successful in her application for a NZ Short Term training scholarship on workplace Health and Safety requirements Level 3. The short course was conducted over a period of 9 days from 19 – 27 July 2021 which Ms Mataele successfully completed and awarded her certificate accordingly.

Three (3) employees during the financial year completed their degrees whilst away on study leave as follows;

- i. Ms Jenny Lalahi who completed a Bachelor of Commerce majoring in Professional Accounting at the University of the South Pacific on 28 January 2022 and resumed duty on the 19 April 2022.
- ii. Mr Samuela Finau who completed a Diploma in Engineering majoring in Renewable and Sustainable Engineering from Fiji National University and resumed duty on 19 April 2022.

- iii. Mr Peifaga Fuiono who completed his master's in information technology from Queensland University of Technology, Australia. Mr Peifaga was also admitted twice to the Dean's list of students with Excellent Academic Performance for achieving Grade Point Average of 6.75 in the Master of Information Technology program. He resumed duty on the 4 April 2022.

A Ms Forgetmenot Fifita who worked whilst studying also completed her bachelor's degree in commerce majoring in Professional Accounting from USP Tonga campus and graduated on 28 January 2022.

Donor Partner scholarships were also distributed for interested employees as an opportunity for further studies. This resulted in one of our female engineers (i.e., Ms Kulaea Pau'u) being awarded a JICA SDGs Global Leaders Program to complete her Doctorate degree in Japan for the next three years.

As mentioned above, Ms Malia Hehea, HR Officer has also been awarded a NZ Government scholarship to study for her bachelor's degree in human resources and is currently studying whilst working awaiting arrangements being made before she leaves overseas in the next financial year.

The HR team assisted the ACEO in completing a training needs assessment for Future Regional Training based in Fiji under the JICA Technical Cooperation Project and provided to JICA to assist with training needs for the introduction of hybrid power generation system in Pacific Island Countries.

The above, are some of the training and development programs that the Company was able to complete. We are committed to enhancing staff development and training to increase the value added to our business as our most important assets.

Died in Service

It was a difficult time saying farewell to two (2) of our employees who unexpectedly died and declared a missing person this financial year.

Mr Michael Mahe, Linesman was declared a missing person by Tonga Police after he went missing during a fishing trip in June 2021 in Ha'apai and was later confirmed via a letter from Ministry of Police in September 2021 as a missing person.

Mr 'Ofa ki 'Apia Moniati died in service on the 29 October 2021 due to natural causes. Mr Moniati passed away whilst holding the position of Billing Supervisor.

Their passing is a great loss for Tonga Power, and they are fondly remembered for their substantial contribution to the company and also to their fellow colleagues.

Staff Movement

Appointment

Due to COVID-19 and the Hunga Tonga Hunga Ha'apai volcanic eruption, it was detrimental that TPL manages its recruitment costs with recruitments being put on hold with only priority needs advertised and urgent needs filled through the engagement of trainees.

TPL had a total of 42 appointments which included the appointment of Mr Finau Moa, CEO for Tonga Gas as Acting CEO for Tonga Power Limited effective from 10 December 2021.

Of the 42 appointments, twenty-three (23) of those are all trainees within TPL being appointed to permanent positions. The rest were appointment of Acting CEO, nine (9) new trainees for the Nuku'alofa Network Upgrade Project, one (1) apprentice for Power Generation, three (3) temporary cashiers, one (1) Trainee Accountant, one (1) casual receptionist and one (1) casual security for Vava'u, one (1) Renewable Engineer for Power Generation and finally one (1) permanent Junior IT Technician for the IT Division.

Promotion

There was a total of eight (8) promotions which included the positions of Lines Supervisor for Ha'apai, Project Manager, Foreman Meter Technician, and a Senior Power Station Technician for Vava'u.

Resignation

There was a total of thirteen (13) resignation with eight (8) permanent employees and five (5) casual employees resigned and took up other opportunities in different work areas outside of TPL.

The ACEO for TPL, Mr Nikolasi Fonua resigned effective from the 10 January 2022 but his last day at work was the 10 December 2021 before taking leave. Mr Fonua resigned to take up work opportunities outside of TPL. This is indeed a loss for the Company, but we wish the ACEO well in his future endeavours.

Dismissals

Two (2) employees were dismissed from Tonga Power Limited (i.e., Cashier and a Power Station Apprentice) after going through the disciplinary procedures.

Acting Appointments

Three (3) other employees were approved for acting appointments as follows;

- i. Ms Makueta Latu, Senior Billing Officer to act as Billing Supervisor effective from 29 October 2021 upon the death of Mr 'Ofa Moniati.
- ii. Mr Talolakepa Fonua, Business Development Engineer to act in the position of Strategic Development Manager effective from 14 January 2022.
- iii. Mr Painitu'uua Lie, Graduate Engineer to act as Engineering Manager effective from 14 January 2022.

Transfer

We had three (3) transfers during the financial year. One permanent transfer from Vava'u Distribution to Tongatapu Distribution in August 2021 and two permanent transfers from Tongatapu Distribution to Vava'u Distribution in September 2021.

Retirement

No retirement took place during the financial year.

Ombudsman Case

There was no ombudsman report.

Other Matters

Each year brings its set of challenges, and the 2020/2021 FY was no different with added natural disasters and the COVID-19 pandemic finally reaching Tonga. During the period February – April 2022 there were 40+ employees who tested positive for COVID-19 and had to isolate at home. The challenge during this period was ensuring there were enough staff to man the power generation and distribution given covid-19 and volcanic eruption affecting power lines. The company was able to allow for flexible working hours such as working from home and assign staff to work in groups as work bubbles to ensure safety from COVID-19 and minimise spread whilst still providing essential services to the people of Tonga.

There were a lot of work required from the Board especially around HR policies which were drafted and submitted to the Board on various occasions. To ensure

we gage views from staff, a company consultation for Tongatapu staff was undertaken from the 13 – 27 July 2021. There were 15 sessions altogether with 157 staff consulted which is about 74% of staff in Tongatapu participating. The relevant report on the consultation was submitted to ACEO and to the Board in July 2021. HR has continued to encourage employees to make their health a priority especially with the pandemic. While there is still a lot of activities to be conducted focusing on healthy employees, the absenteeism rate for TPL is at 3.11% as of June 2022 which is still below the annual target of 5%.

We have continued to implement our HR plans to ensure we achieve the targets set and note delays beyond the control of the team.

PRODUCTION AND SUPPLY OF ELECTRICITY

It has been a very challenging year for power generation. When positive cases for COVID-19 were found on Tongatapu in February 2022, the risk to operation and maintenance became real. At one time, 80% of staff at the Popua powerstation were in home isolation for at least 14 days. It did not stop there however, as the cases went on for another 3 months thereafter. Managing a 24/7 operational powerplant with majority of the staff incapacitated was immensely challenging. There was no telling who will be coming to work. We were fortunate enough to have staff who agreed to work at the same time showing, they are positive. They were, however, asymptomatic but they were able to fill in the gap at work. A special accommodation was arranged for them; all the while being isolated from the rest of the staff. The other powerplants in the outerislands was minimally affected.

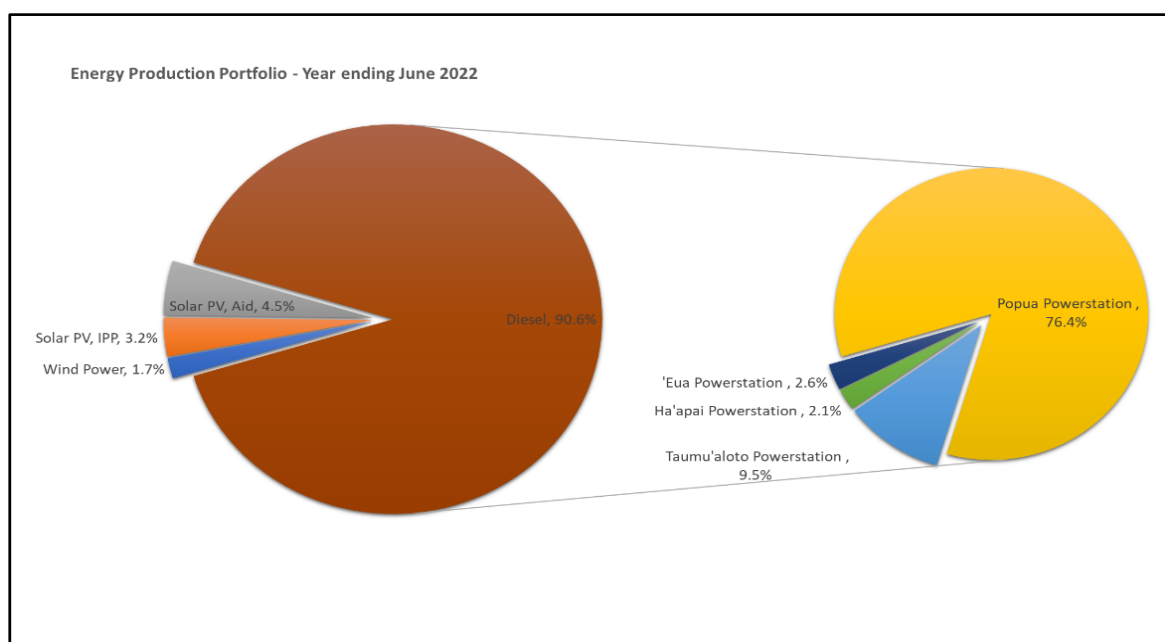
The HTHH volcanic eruption caused a lot of havoc for TPL especially at the electricity distribution level. All sites on Tongatapu, were covered with a thick ash from the eruption. The solar site's panels especially were completely washed down and cleared 3 weeks after the incident. Worryingly though, Popua generator #8 failed about a month later and was found to be ash deposit on the main windings on the alternator. The insurance provider was advised of the fact and has agreed to the repairing the unit in Auckland New Zealand.

Demand for electricity was on the rise pre-HTHH volcanic eruption with Tongatapu and Ha'apai being the lowest at 4.6% over the 12-month period. 'Eua being the highest recorded a 23% increase over the same period. All have however, abated to just 3% for Tongatapu, Ha'apai and Vava'u, with 'Eua down to a comfortable 10%. The total effect of which is a 3.1% increase, overall.

With R/E projects slow to completion because of COVID-19 pandemic, diesel generation picked up almost all the upward movements in growth. Clearly shown by the overall increase in diesel generation to end of June, recorded as 3.4%.

TPL generated a total of 77.2GWh of energy to end of June. Diesel was responsible for 69.9GWh while the remaining 7.3GWh came from renewable energy. See chart below for more details.

Renewable energy's share of the total generated energy was 9.4%, dropping from a high of 11.0% in July 2021. The highest however, was recorded as 13.1% in October 2020. Fortunately, this is set to increase to about 23% once 6.7MW of solar plants on Tongatapu, Vava'u and 'Eua are commissioned before end of 2022.



In terms of KPI's, fuel efficiency for all the diesel gensets was recorded at 3.90kWh/Ltr by the end of June 2022. Losses due to energy consumed at all TPL generating sites was 2.76% of total generated energy.

The renewable energy enabling project, TREP1 and 2, was semi-completed by end of June. These are the largest of its kind in the Pacific. As of now, it is operational but on manual mode. The workings of which is now assisting TPL at critical times, when diesel gensets at Popua are problematic. Both however, are intended to store excess energy from solar and wind, and soften the overall intermittency of R/E.

As mentioned above, Popua generator #8 failed. This was on top of generator #7 already out of service awaiting parts from Germany. The resultant curtailment in

total output meant that Popua could not at certain times supply 100% of customer demand. Rolling outages were required to lessen the pressure on the remaining diesel gensets. This went on until the 15th of August. Overall, an estimated total of 98,000 units was lost because TPL could not meet demand.

COVID-19 effect on logistic can no doubt be underestimated. Maintenance is delayed because delivery time is now longer. Not only that, engine parts suppliers with off the shelf parts are now low on stock as well. Alternative suppliers are just as much having the same issue. COVID-19 not only affected our staff here, but also the suppliers. Contacts were unavailable for weeks on end.

A lot was done during the year to improve reliability especially on the outer islands. Availability of parts did not help much in terms of completing a lot of these jobs. This problem will continue into the next FY as the world is learning to live with COVID-19.

Energy Production

The following tables summarises operations for the year ending June 2022.

Gross Power Generation (12 month)			
<i>Island</i>	<i>June 21</i>	<i>June 22</i>	<i>Difference %</i>
Tongatapu	63,915,074	65,806,520	3.0%
Vava'u	7,103,409	7,305,827	2.8%
Ha'apai	1,999,562	2,059,178	3.0%
'Eua	1,848,131	2,030,213	9.9%
TOTAL	74,866,176	77,201,737	3.1%

Fuel Efficiency kWh per Ltr (12 month)			
<i>Island</i>	<i>June 21</i>	<i>June 22</i>	<i>Difference %</i>
Tongatapu	4.00	3.99	-0.1%

Vava'u	3.78	3.70	-2.1%
Ha'apai	3.56	3.44	-3.6%
'Eua	3.38	2.92	-13.8%
TOTAL	3.94	3.90	-1.0%

Parasitic Losses (12 month)			
<i>Island</i>	<i>June 21</i>	<i>June 22</i>	<i>Difference %</i>
Tongatapu	2.41%	2.01%	-16.8%
Tongatapu BESS	0.00%	0.41%	n/a
Vava'u	0.26%	0.24%	-8.9%
Ha'apai	0.10%	0.10%	1.6%
'Eua	0.02%	0.01%	-56.4%
TOTAL	2.79%	2.76%	-1.0%

Availability factor %			
Energy Source	Plant name	Jul 21	Jun 22
Diesel Power Generation	Popua Powerstation	98.6%	73.0%
	Taumu'aloto Powerstation	100.0%	78.9%
	Ha'apai Powerstation	91.5%	60.3%
	'Eua Powerstation	66.7%	32.4%
Wind Power, TPL	li o Manumataongo WT (Aid)	53.6%	55.3%
Solar PV, IPP	Matatoa Solar PV (IPP)	100.0%	100.0%
	Liukava Solar PV (IPP) - maintenance by 3rd party	n/a	100.0%

	Masilamea Solar PV (IPP) - maintenance by 3rd party	n/a	100.0%
	Fualu Solar PV (IPP) - maintenance by 3rd party	n/a	100.0%
Solar PV, Aid	Maama mai Solar PV (Aid)	100.0%	100.0%
	Mata 'Oe La'a Solar PV (Aid)	100.0%	100.0%
	La'a Lahi Solar PV (Aid)	0.0%	0.0%
	Ha'apai Solar PV (Aid)	100.0%	100.0%
	Eua Solar PV (Aid)	87.5%	0.0%

R/E generation share (% of respective gross generated energy)		
<i>Island</i>	<i>12 monthly (June 22)</i>	<i>2025 NDC70% Target deficit</i>
Tongatapu	10.4%	59.6%
Vava'u	0.1%	69.9%
Ha'apai	20.3%	49.7%
'Eua	0.0%	70.0%
Overall	9.4%	60.6%

Looking forward

1. Scheduled maintenance

Maintenance at Popua is now at the forefront. Three overhauls on the CAT gensets and two on Maks are due in the 2022/23 FY. This includes overhauls for Vava'u G4, G5 and G6, as well as the 1MW mobile genset.

2. Additional Diesel Generating Capacity

Australian Aid offered as part of the HTHH tsunami aid, a new diesel genset for Popua powerstation. This is expected to arrive in Tonga in October. Once installed, the Cummins KTA50 genset will add 1.6MW to the current total of 14MW.

Demand for electricity continues to outgrow the diesel genset capacity, especially on 'Eua and Ha'apai. Two Cummins QSK23-G4 have been approved by the Board of Directors for the two islands. The new genset will add an additional 0.6MW to the respective islands.

3. Extra solar PV capacities (Tongatapu, Vava'u & 'Eua)

The TREP project will be introducing additional capacities on Vava'u and 'Eua. It is expected to be completed by November 2022. Vava'u will see an increase of 0.4MW in solar, in addition to the current 0.42MW La'alahi solar plant. A 2MWh BESS unit will add reliability to the intermittent plant.

'Eua will also see an additional 0.3MW of solar PV, in addition to the current 0.2MW Huelo solar plant. A 1.8MWh BESS unit will also be included as part of the Grant Fund.

Sunergise will also commission its 3 x 2MW solar plants on Tongatapu. As of writing this report, all 3 sites are online.

All 3 additional capacities will likely increase the current annual share of renewable from a lowly 10% to a predictable 23%.

4. TREP 1 & 2 (Tongatapu)

The two BESS systems are now operational. However, the intended mode of operation is yet to be completely tested by Akuo. This part was delayed due to COVID-19 border restrictions.

5. Building renovation

The volcanic ash has accelerated corrosion on the Popua powerstation's genset buildings. We plan to replace at the very least the roofing irons on the two buildings during the next FY. Pending availability of funds, we do hope to construct the "lean to" shed to cover the gensets on 'Eua.

DISTRIBUTION

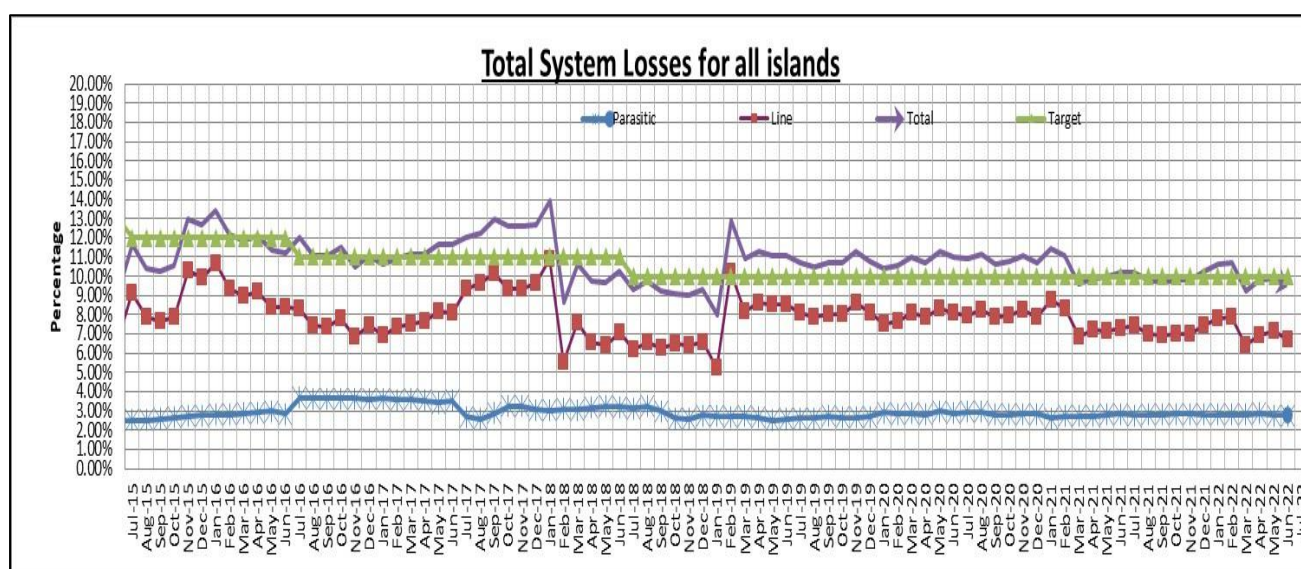
The Distribution Division continues to strive forward efficiently and turn objectives set forth in the Business Plan into milestones which in turn continues to put TPL as one of the leading Power Utilities in the South Pacific. Key targets were accomplished and several major capital works and projects have been undertaken.

- The Nuku'alofa Network Upgrade Project work is currently underway at Area 3, funding has been secured for Area 5 and expected to commence next year.
- OIREP Phase 3 network rebuilds in Vava'u is ongoing. Feeder 2 was successfully transitioned from 6.6kV to 11kV.
- OIREP Phase 4 has commenced at Niuatoputapu. So far, the HV work has been completed.
- HTHH tsunami and volcanic dust required cleansing of 4,000+ HV Poles, 400+ Transformers & Switches and rebuilding of Network along parts of the West Coast, Nuku'alofa and 'Ohonua.
- Network Upgrade in progress for the 70% RE target.
- 893 Capital and 1,172 Operational works were estimated this year.
- New Connections decreased from 758 to 617 compared to the previous year. Various circumstances affected this includes the HTHH eruption and Covid-19 restrictions.
- Average customer waiting time achieved: Estimates (3.4 work days) and New Connections (2.38 work days).
- Over 700 LED Street Lights were installed this year across all four islands.
- 100% of Emergency Sirens successfully connected to the grid.
- 3 IPP Solar Farms (total 6.9MW) out west also were successfully connected to the grid including with its Fiber optic communication line.
- GIS Accuracy at 70% including the Outer Islands.
- Smart meter installation at 94% in Tongatapu relative to the total active accounts in 1Ph & 3Ph meters.
- 7,400 fewer customer disconnections and 5,300 fewer reconnections when compared to the previous financial year largely due to the HTHH and Covid Restrictions. The reduction in overhead due to smart meter disconnection/reconnections have proven beneficial.

Safety, resource planning and training will always remain as an integral part for the Department while leadership, team work and customer service are still the primary focus to improving individual and team performances.

Distribution or Line Losses

Distribution or line loss is the energy lost through the network whilst delivering energy to customers and is measured as a percentage loss. The lower the line losses, the better and more efficient the network is at delivering electricity to customers. The graph below shows the movements of system losses for all island groups against the regulatory target of 10.0% and the contribution of line losses.



The overall system losses for all four-grid island system have decreased from around 11.7% in 2015 to 9.5% as at end of June 2022. Line losses as a portion of the overall system losses has decreased significantly from 9.15% in 2011 to 6.7 % as at end of June 2022. Over the years, this energy saving has contributed to some reduction in diesel saving and a correlating reduction in the fuel tariff.

We would expect a major improvement in line losses once the NNUP progresses and the Vava'u network upgrade as part of OIREP is completed, however complete funding of NNUP is yet to be finalised.

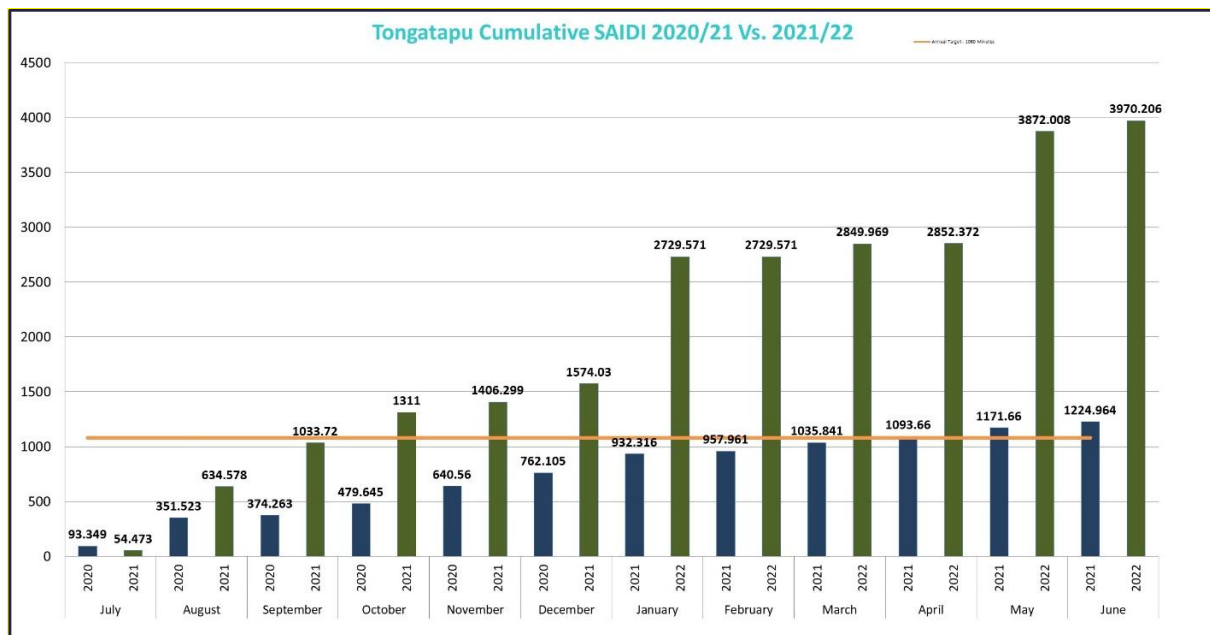
Reliability Measures (Tongatapu)

Reliability measures indicate the average interruption time that a customer experiences without power supply due to a network failure and measured for a

certain period. One of the key reliability measures is SAIDI (System Average Interruption Duration Index).

SAIDI measures the average total duration of interruption per connected customer. The following graph shows the accumulated SAIDI (in minutes) for the twelve months' period from July 2021 to June 2022 compared with the previous year.

During the last twelve months' period on average a connected customer has experienced about 3970 minutes (about 66 hours) power outage compared to 1224 minutes in 2021. This was mainly underpinned by several major planned outages because of the Nuku'alofa upgrade project and load shedding work during the year in addition to unplanned outages from road accidents. There was a total of 2,386 planned and unplanned fault events recorded in the financial year 2021/22. It is important to note that we use Tongatapu as the benchmark as it has the majority of the customers.



STRATEGIC DEVELOPMENT

Ideas, initiatives and activities aimed towards making TPL better and the application of scientific and mathematical principles to develop economical solutions to technical problems. These were the guiding principles for the strategic development unit to achieve all relevant goals and vision that the company are aiming to achieve. Although we have faced some tragic events like volcanic eruption, tsunami and COVID-19 being introduced to the country we continue to endeavour to be more creative and innovative in achieving our strategic objectives due to restriction factors.

After Mr. Nikolasi Fonua left the company, there was difficulty in separating Engineering work from Strategic Development work even though they are greatly related but are in different responsibility. However, this creates opportunity for both teams to achieve better results as they will only focus on one function rather than scattered response with no standard output. Moreover, the team were downgraded on human resource but still managed to fulfil out title and roles and with great aspect changing the name of the team from Strategic Development Unit to Strategic & Business Development Unit.

1. Achieving 50% diesel fuel savings from Renewable Energy Generation by 2020-2025 in order to achieve the government TERM target

a. Wind Monitoring Unit (Lidar) installed at Vava'u

This project was implemented in the association of PPA-Pacific Power Association(donor) and TPL to determine whether the chosen location (Tu'anikivale, Vava'u) is best fit to host a wind plant. This project contract period has come to an end of the agreement however there were some issues with the data and needed manual extraction on site; confirm the data completion by then it is to send back to the owner on the next financial year.



b. Proposed Wind Monitoring unit for 'Eua

There were other two unit proposed to be installed at 'Eua, however at the moment PPA are still finalizing the contract to be send over to be negotiated between parties for best output agreement and to be signed.

c. Small Distributed Generation - SDG

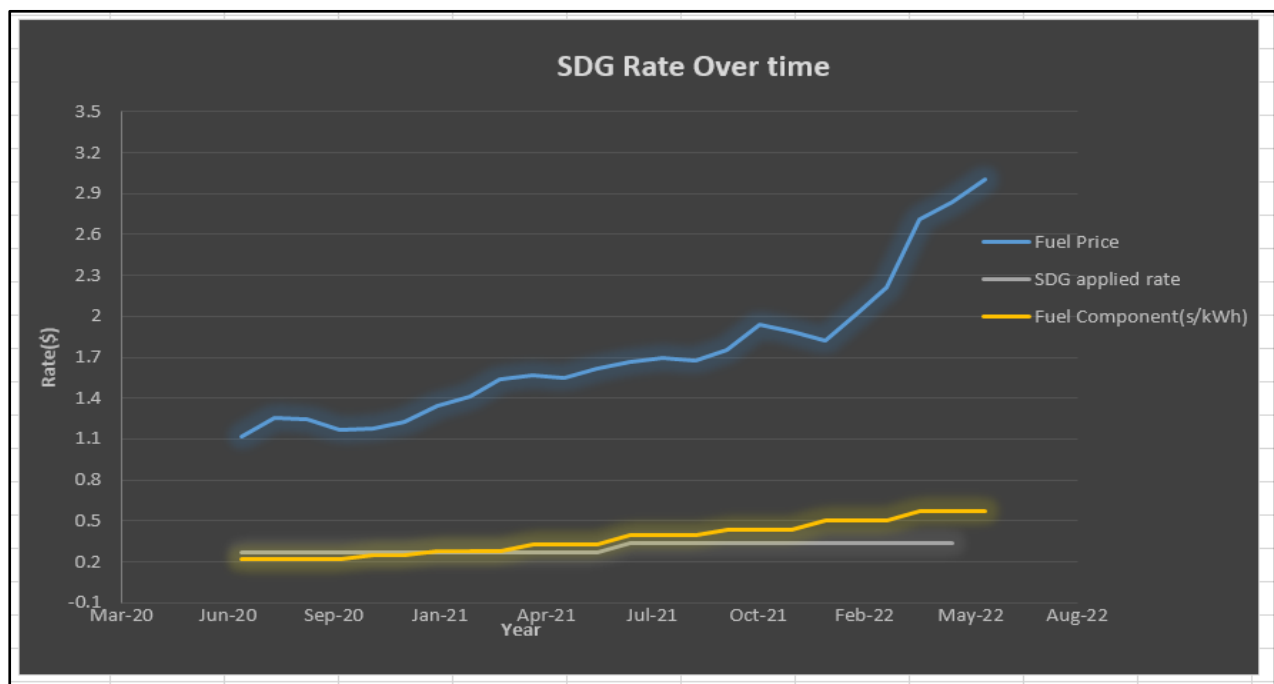
The team is in continuous support to the RE targets with encouraging and advertising of distributed generation like roof-top solar, small wind turbines and any other form of small capacity renewable generations.

SDG Rates

Month	Fuel Tariff	Non- fuel Tariff	Tariff	Fuel Price	SDG Rate/Fu el price	SDG Applie d Rate	AVG (rate/f uel price)	Difference (Applie d rate- AVG)
Jul-21	0.4004	0.4067	0.8071	1.6683	0.3411	0.3411	0.42235	0.08125
Aug-21	0.4004	0.4067	0.8071	1.6913	0.3411			
Sep-21	0.4004	0.4067	0.8071	1.6757	0.3411			
Oct-21	0.4345	0.4067	0.8412	1.7593	0.3786			
Nov-21	0.4345	0.4067	0.8412	1.9436	0.3786			

Dec-21	0.4345	0.4067	0.8412	1.8869	0.3786			
Jan-22	0.5034	0.4067	0.9101	1.8212	0.3786			
Feb-22	0.5034	0.4067	0.9101	2.0235	0.4161			
Mar-22	0.5034	0.4067	0.9101	2.2099	0.4161			
Apr-22	0.5724	0.4067	0.9791	2.7111	0.5286			
May-22	0.5724	0.4067	0.9791	2.8417	0.5661			
Jun-22	0.5724	0.4067	0.9791	3.0020	0.6036			

From the table we can see that the most frequent rate is \$0.3786 however the applied rate is \$0.3411 as stated from the policy to be used for the entire year.



From the graph above we can see that the fuel price increase significantly as a result from oil shock prices from supplier however on the other hand SDG-Policy and Agreement states - exported tariff are to be in line with fuel component of the tariff approved from EC however as shown from the graph there is a huge gap between the applied rate and the fuel component but when comes to this new FY(July) the fuel component is \$0.7605 and the applied rate will be \$0.6036 with a difference of \$0.1569 This shows that there is need for improvement to the policy and agreement which need attention to be address on how will this can be

improved however as stated in the SDG Agreement the rate is recommended as below: **Recommendation: apply \$0.6036 for FY22-23.**

2. Improving the network and replacing ageing assets to improve safety, efficiency and reliability of supply.

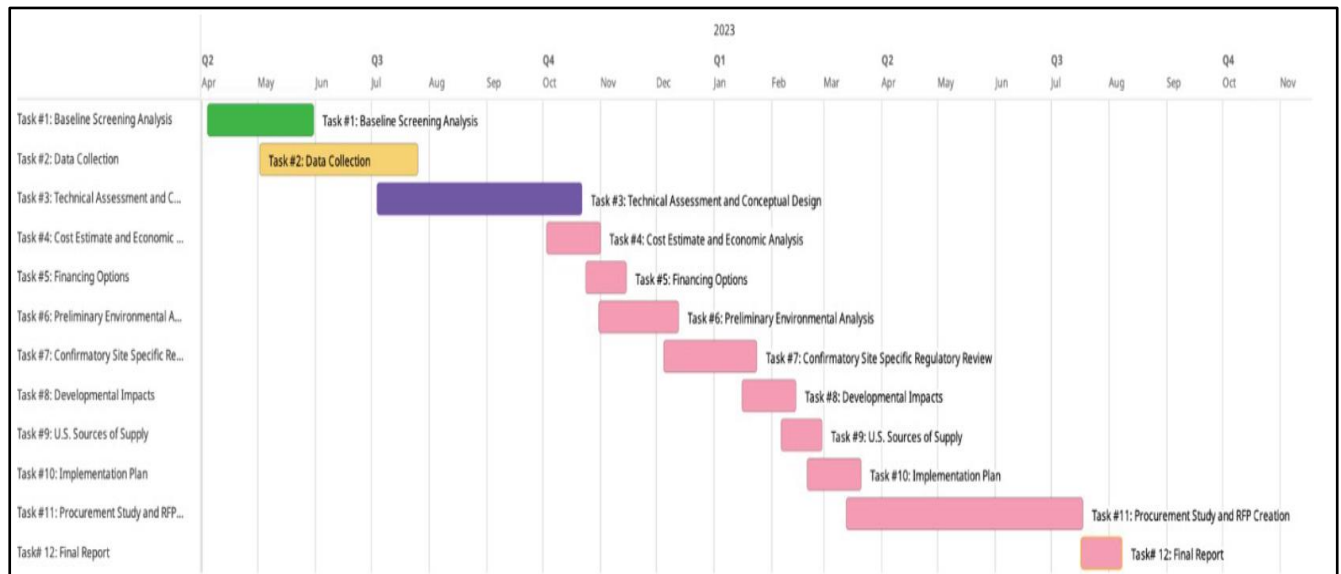
a. Adopting benchmarking indicators

The Unit have successfully reach out to PPA-Pacific Power Association upon a virtual mini-benchmark workshop with TPL technical divisions (Engineering, distribution, planning & design, power generation) on how each benchmark indicators are very important to management and the operation of a Power Utility.

b. Grid study

As a direct result of the Memorandum of Understanding (MOU), signed between GridMarket, The Island Resilience Partnership (IRP), and MEIDECC in October of 2019, GridMarket and Tonga Power Limited (TPL) have secured a grant from the United States Trade and Development Agency (USDТА) to develop and implement Tonga's Renewable Energy Optimization strategy.

GridMarket is a Global Renewable Energy Optimization Platform that leverages data and proprietary analytics to support Governments & Utilities in the design and implementation of optimized renewable energy transitions. The company uses a flexible, platform-based project development approach that remotely and digitally models every possible renewable energy project across a selected geographic territory. Using localized data and critical project parameters, the GridMarket platform assembles project details and aggregates them into a holistic, site by site project execution plan, with flexible financing structures and a procurement-ready strategy. USTDA has agreed to partially funded a ~\$1.4mUSD to a grid study of value ~\$1.8mUSD and the progress is defined below:



Project Status – Just recently Finished Task #1: Baseline Screening Analysis and starting with Task #2: Data Collection

3. Promote a hazard free safety environment to minimize any danger to public and staff

a. Power Bill Complain

We have continued to support the community/public by developed programme on social media platform upon health and safety programs. As after the volcanic events there were huge complaints receive on the front desks about the high consumption OR customers concerns about their power bills have been doubled and trebled. The team is preparing a continuous program that each department will go on Media detailing the about billings related issue.

b. Load Shed Complain

Our generation station cannot supply the load demanded from consumers also rises customers with many complaining about turning off and on of the supplies to specific areas during day and night time. We do continue to support the public by informing those areas on Facebook, TV, and radios before their power is cut off and turn ON.

c. Disconnection and Reconnection

We are currently informing the Public about the disconnection of overdue power bills through Facebook, text messages and to notify them that the company is opening its doors for payment arrangement if the customers is financially struggle.

d. Media and Public Programme Time-frame

MON 28	TUE 29	WED 30	THU 31	FRI Apr 1	SAT 2
Disco-Reco Leaflet Distribution					
				Web Homepage Focus	
4	5	6	7	8	9
Disco Reco FB Post 1	90 FM Talkback	Disco & Reco E-Notice	Dico Reco FB Post 2	Disco & Reco SMS Rollout	
Disco & Reco SMS Rollout	Digi Safety Ads	Kakalu	87.5FM Talkback	Digi Safety Ads	
TBC Safety Ads		Kele'a Newspaper	TBC Ads		
		Taimi 'o Tonga			
11	12	13	14	15	
Safety FB Post 1	88.1FM Talkback		Safety FB Post 2	Digi Safety Ads	
TBC Ads	Digi Safety Ads		87.5FM Talkback		
			TBC Ads		
18	19	20	21	22	
Disco Reco Post 3	90FM Talkback	Disco & Reco E-Notice	Disco Reco Post 4	Disco & Reco SMS Rollout	
Disco & Reco SMS Rollout	Digi Safety Ads		87.5FM Talkback	Digi Safety Ads	
TBC Ads			TBC Ads		
25	26	27	28	29	30
Safety FB Post3	90FM Talkback		Safety FB Post 4	Digi Safety Ads	
TBC Safety Ads	Digi Safety Ads		87.5FM Talkback		
			TBC Safety Ads		

☒ E-Media
☒ Email Communications
☒ Facebook Communications
☒ Print Media
☒ RADIO COMMUNICATIONS
☐ Reminders
☐ Reminders
☒ SMS Communications
☒ Tasks
☒ TV COMMUNICATIONS
☒ Website Communications

4. Improving our business process to enhance customer/employee satisfaction while supporting a healthy and competent team

Since the core function of the team is developing and building strategies for the company, the first movement is that the team accept to do their function which is creating Tonga Power Business Plan that the company will follow for the next 5 years. This was usually done by the Risk-department and for the

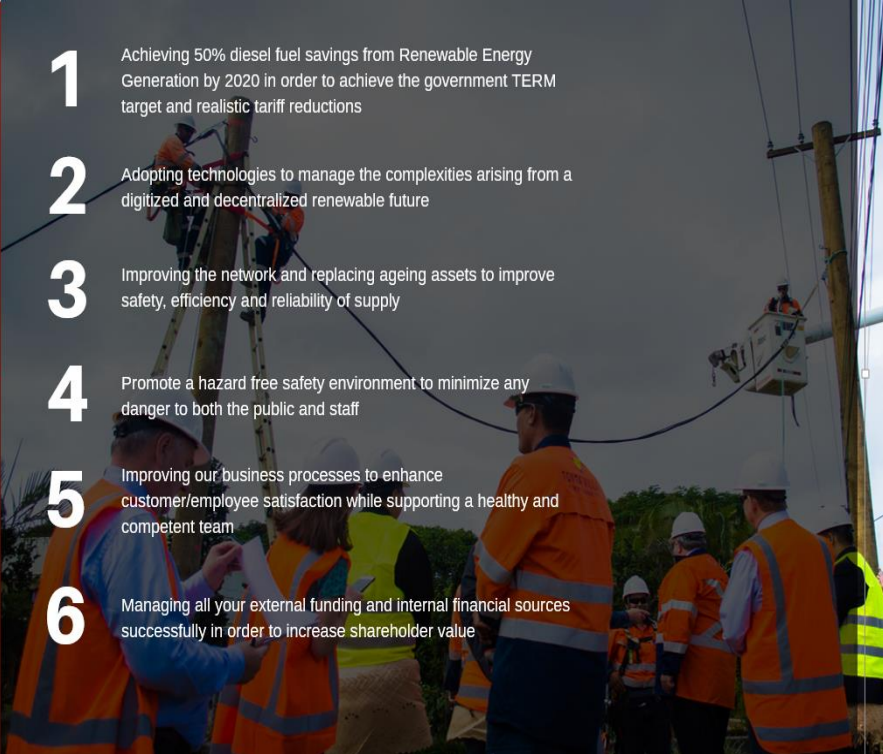
first time in for ages the team accept to take this task back which was on them in the first place.

Every year there must be requirement needed from shareholders as under Ministry of Public Enterprise Act that Tonga Power Limited must provide a Business Plan for the next financial year detailing what must the company will be operating. The team have made changes to previous company strategic objectives so that all department are link to each other and individuals to know exactly their measured KPI pathways to achieve it.

OLD STRATEGIC OBJECTIVES

OUR STRATEGIC OBJECTIVES.





- 1

Achieving 50% diesel fuel savings from Renewable Energy Generation by 2020 in order to achieve the government TERM target and realistic tariff reductions
- 2

Adopting technologies to manage the complexities arising from a digitized and decentralized renewable future
- 3

Improving the network and replacing ageing assets to improve safety, efficiency and reliability of supply
- 4

Promote a hazard free safety environment to minimize any danger to both the public and staff
- 5

Improving our business processes to enhance customer/employee satisfaction while supporting a healthy and competent team
- 6

Managing all your external funding and internal financial sources successfully in order to increase shareholder value

NEW STRATEGIC OBJECTIVES



GREEN ENERGY

STRATEGIC OBJECTIVE STATEMENT

We provide Clean & Sustainable power to meet the consumer needs and lead our country into a net zero carbon generation

OBJECTIVE MEASURES

- Accumulated Fuel Displacement
- Tariff Reduction (%) due to RE
- RE Penetration
- TSDF II
- Tonga National Energy Policy
- TERM-Plus Framework
- JNAP II
- Tonga Climate Change Policy

Tonga Power Ltd works towards achieving the National & International Goals through implementation and integration of Renewable Energy into our Resilient Grid.

We are on track for meeting targets outlines in TPL's Major Projects Plan, whilst remaining committed to identifying new ways to meet our customer's needs with clean Energy.

We continue to work together with customers interested in Third-Party Solar Generation through negotiating and providing valuable insight to ensure ease of Third Part Generation integration into our Grid.



GRID RESILIENCE

STRATEGIC OBJECTIVE STATEMENT

We operate a secure and resilient grid by using innovative technologies that deliver superior reliability

OBJECTIVE MEASURES

- Customers Experiencing Multiple Interruptions
- System Losses
- System Average Interruption Duration Index
- System Average Interruption Frequency Index
- TSDF II
- TEEMP

Tonga Power Ltd.'s efforts to make our grid more secure, reliable and resilient will directly impact and enhance the customer experience. Grid Resilience efforts include projects that advance safety and security of the Grid as well as projects that support interoperability, operational efficiency, asset management, customer access to data and integration of distributed energy resources



CUSTOMER EXPERIENCE

STRATEGIC OBJECTIVE STATEMENT

We make it easier to do business with Tonga Power Ltd. while delivering valuable services and solutions for an exceptional customer experience.

OBJECTIVE MEASURES

- Customer Satisfaction Index
- No. of Customer Complaints per Annum

In order to keep up with our customer trends TPL is consistently monitoring and noticing change and diversification in customer expectations. Today's customers desire services from instantaneous access to information and data on energy usage, to the personal touch of walk-in pay centers. Looking into future, demand for virtual engagement and personalized customer experience, along with programs and services that enable customers to live and work in a more sustainable way will only increase. This goal allows us to better understand what our customers want, deliver on those expectations and ensure that every interaction a customer has with us is positive



EMPLOYEE EXPERIENCE

STRATEGIC OBJECTIVE STATEMENT

We are a diverse and results-focused workforce creating a culture of inclusion, development and engagement.

OBJECTIVE MEASURES

- Employee Satisfaction Index
- Employee Retention Rate
- Employee Turnover Rate

Employees are Tonga Power Ltd.'s biggest strength, and a strong supported workforce is crucial for meeting our Strategic & Business Objectives. In addition to ensuring employees have the tools and training needed to perform their work successfully, we commit to providing professional development and advancement opportunities, proactively cultivating the culture of the organization, embracing diversity and emphasizing engagement.



FINANCIAL HEALTH

STRATEGIC OBJECTIVE STATEMENT

We are financially resilient and effectively & efficiently manage our department budgets towards achieving our Strategic Objectives.

OBJECTIVE MEASURES

- Revenue Growth
- NAPT
- Debt Ratio
- ROE
- Liquidity Ratio
- Capex/Opex Management

Financial Health remains a core Strategic Objective for TPL ensuring of financial resilience in enabling efficient management of all internal and external financing sources successfully in order to achieve our Strategic Objectives and in turn maximize the Shareholder Value.



HEALTH AND SAFETY

STRATEGIC OBJECTIVE STATEMENT

We commit to enhancing the Health & Safety of ourselves and our community

OBJECTIVE MEASURES

- DART (Days Away Restricted or Transferred Rate)
- Severity Rate
- Vehicle Collision Rate
- Public Awareness Programs

Tonga Power Ltd. recognizes the priority of Health and Safety on all aspects of our business and our community. Therefore, this goal speaks to how Tonga Power Ltd. operates and our commitment to keeping employees healthy and safe, as well as the role we play in the safety of the community



SHAREHOLDER COMPLIANCE

STRATEGIC OBJECTIVE STATEMENT

We commit to fulfilling all shareholder compliance reporting and requirements accurately and within a timely manner.

A new Strategic Objective in this Business Plan, Shareholder Compliance is elevated into its own stand-alone objective considering the importance of Tonga Power Ltd.'s current position being a state-owned enterprise. It's critical that Tonga Power Ltd.'s fulfills all Shareholder Reporting requirements in a professional, accurate and in a timely manner to ensure synergy throughout.

OBJECTIVE MEASURES

- On-Time & Accurate Board Paper Submissions
- On-Time & Accurate CEO & SDU Reporting Requirements
- On-Time & Accurate MPE Reporting Requirements
- On-Time & Accurate EC Reporting Requirements
- On-Time & Accurate PPA Reporting Requirements
- On-Time & Accurate Donor-Related Reporting Requirements

5. Manage all external financing sources successfully in order to increase shareholder value.

5.1 Grid Feasibility Study – This study has come across some difficulty as they (GridMarket) were assign by the government-GoT to aid Tonga reach its 70% RE target however on the other hand ADB is also proposing the same task as they are allocating their left over budget to tender these required production project to achieve such goal.

5.2 Pole Attachment Agreement with Digicel - Digicel were requesting for assistance from Tonga Power upon changing their network infrastructure from using microwaves tower to fibre optic cables. Upon this request the company develop an agreement for both sites to be agreed on so that DIGICEL can use the company's power poles to attach their FOC. Negotiation between parties is still on the way hopefully will sign the agreement on the next financial year.

5.3 Kanokupolu Resettlement – TPL will be looking at all available options on how these new connections will be financially handle without affecting the business plan proposed budget.

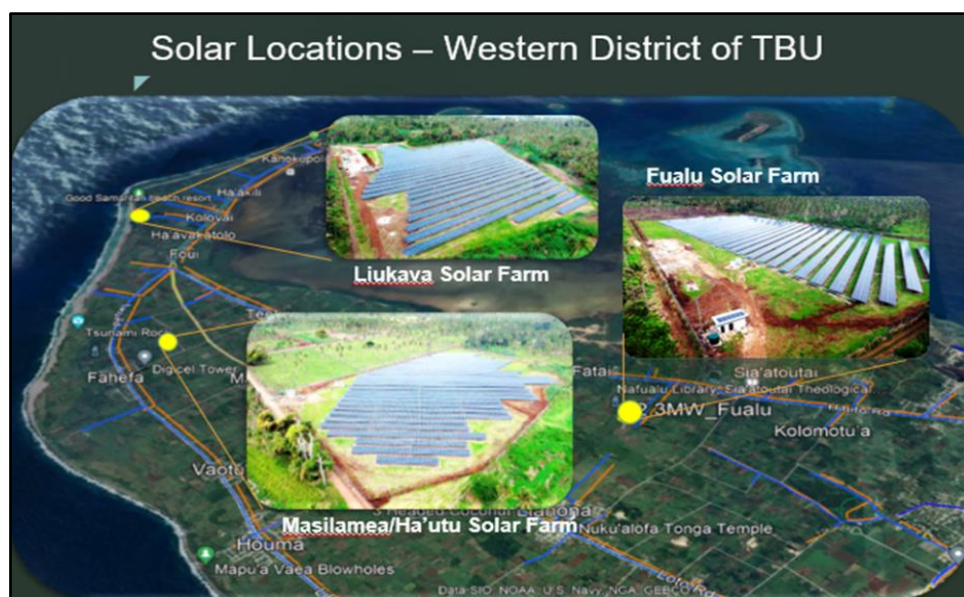
5.4 Publication of Paper: Archipelagos: Perspectives on Energy Challenges, Priorities, and Opportunities for Hydrogen Energy of Tonga - The unit successfully work in hand with Mr. Setitaia Chen (former CEO) on writing a paper sharing the targets that Tonga heading toward with the interest of adopting new technologies like Hydrogen. As now the world is starting to move towards hydrogen with the application of carbon emissions so this is also a great opportunity to attract grant, donor partners for building of Tonga transitioning to Renewable Energy. This paper was presented on the virtual summit hosted by the Institute of Science for Global Policy, Hawaii.

MAJOR PROJECTS

1. GREEN ENERGY INITIATIVES

1.1 6MW IPP Project

Each of the sites have been 90% completion construction wise. All the MV works for Fualu and Masilamea were on hold due to the VLF tests procedures that were required to carryout to confirm the functionality and operation of the Transformers will still be 100% in good condition. For the time being, in preparation to the commission of the solar farm plant, TPL will still use 300Amps Solid Link while await the actual rate fuse links of 160Amps to source from a different supplier either through Transnet or another source. There is still a plan to upgrade the grid on the western side of Tongatapu to properly handle the supply from the 3 solar farms. Both Fualu and Masilamea have already setup their HV gears on the poles ready for the connections to the Solar Farm HV sides.



1.2 TREP_03 Lot 1 - 350 kW Solar PV and 400kW/ 900 kWh BESS for 'Eua and 300 kW Solar PV and 900 kW/ 450 kWh BESS for Vava'u

Infratec NZ the principal contractor for this project have been working closely together with TPL and the PMU team during the implementation phase of the project.

Vava'u

All the solar panels structure, foundation and wiring has been completed. The BESS units arrived in Vava'u in June and installation commenced soon afterwards. The BESS units were mounted and attached cables completed. This was followed by the installation of the BESS control panels and air-conditioning unit in the Control room.



TREP 03 Lot 1 Vava'u site

'Eua

The equipment required to install the piles and framing were delivered to site successfully. The electrical subcontractors (JH Electrical) have progressed earthing grid installation around the PV Array. Also remaining works to install tails

to the fencing and the various boards and earthing has been installed at the PowerStation site, aside from between the existing generators and the BESS. LV cabling between the PV Array and the transformer.



TREP 03 Lot 1 'Eua site

1.3 China Wind

China have pushed their donor funded 3 * 750kW (2.25MW) wind farm to be top on their priority list. So, China, MEIDECC and TPL have been working together to get this project on the ground and to start its implementation stage. Currently, the progress with the land acquisition process, 3 land allotments have been required for the wind farm to be installed in the Lapaha area along the coastline. Finalization of the land acquisition and the landowners are expecting to come to an agreement soon, as China will then start to procure and import the first shipment of the equipment and materials for the project afterwards.

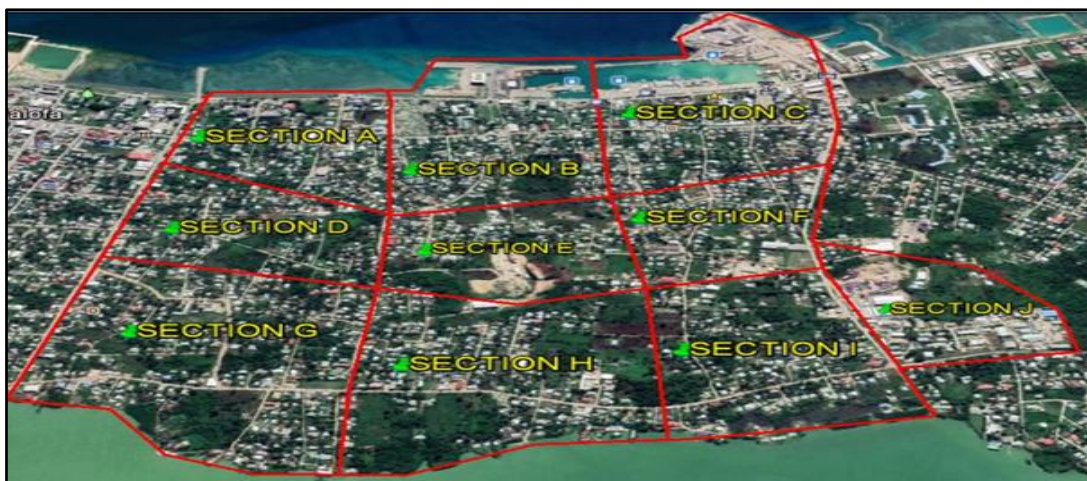
2. GREEN ENERGY INITIATIVES

2.1 Nuku'alofa Network Upgrade Project (NNUP)

NNUP is heading to complete AREA 3 by December 2022. It is progressing well within budget at the end of June 2022. This saving will be vary depending on the

activities towards the target completion date. As of June 2022, there were 1536 customers have connected to the new network. 43 connections are for businesses and they are all existing and 91 customers are having power for the first time. Fund received are still on time as scheduled. EU fund (\$3 m TOP) received in February 2021 and the first tranche (\$3 m AUD) payment from DFAT received in June 2021. The 2nd tranche (\$1.3 m AUD) received in May 2022. Final Tranche (\$1 m AUD) is due to receive by the end of September 2022. NNUP Area 5 was confirmed fund by ADB (\$5 m USD) co-financing with EU (\$2 m EURO) and the MOU has signed in April 2022. This MOU is now changed for ADB to fully fund Area 3 and once completed then procurement will continue.

Area 3:- Fasi, Pili, Ngele'ia, Pahu, Mataika and Halaleva.



Area 3 divided into sections

2.2 Outer Island Renewable Energy Project (OIREP)

Phase 3 regarding the network upgrade in Vava'u are close to 70% complete at its current stages. Covid-19 has played a huge impact and really affected the progress of the project, due to lockdowns and relating restrictions applied. Most of the HV upgrade have been done, more than 50% of the LV have been completed and around 35% of the underground service line have been completed as well. Currently the upgrade is in the village of Mataika and Holonga.



Australian High Comm. Visiting OIREP site

2.3 TREP 01 & 02 Popua - Stabilizing BESS, Matatua - Load Shifting BESS

Stabilizing BESS project has been completed by the end of 2021. Operation of the BESS are currently in process by the Generation team with remote help from the contractor AKuo based in France. On the Load Shifting BESS, there are still some parts to be replaced and tested in order for the BESS to be fully operational. There is a need for Akuo to send over their engineers to help with the commissioning of TREP 02 as the border is slowly open to the world.

2.4 Generation and Distribution Management System (GDMS)

Generation & Distribution Management System to efficiently and effectively manage and monitor all Grid operations such as BESS, Generators (diesel, wind, solar), Network Switches (circuit breakers, reclosers), Network Sensors (smart meters, line faults, transformer metering), Substation (RTUs). The bidding process has completed and awarded to the winning bidder. Now the dialogue for the various components of the project has started already with all the legal docs requirements from all parties involved in the project.

MAJOR PROJECTS DASHBOARD

PROJECT TYPE	PROJECT NAME	PROJECT SPECS/DETAILS	PROJECT PROGRESS STATUS (%)	TARGET COMPLETION DATE
Solar Energy	Sunergize IPP Solar	6MW	90%	Commissioning date has confirmed that is now moved from October to December due to the request from the King. Just awaiting the actual confirmed date
	TREP Éua & Vavaú Solar	650KW	85%	Target to completed by October for Vava'u and November for 'Eua
Wind Energy	China Wind	2.8MW	5%	No confirm target date for the completion. But if the land matters secure before December, then the project will commence its ground works early December.
Battery Energy Storage System	Matatoa - Load Shifting BESS	6MW	90%	To be completed in October
	Popua - Stabilizing BESS	6MW	100%	
Network Distribution Upgrade Project	Nuku'alofa Network Upgrade Project	Area 3	Completed up to 82% as in August 2022	Target to complete by December 2022

	OIREP – Vavaú Network Upgrade Project	Phase 3	- 55% of LVL completed - 35% of service line upgraded - 95% of HV line completed	Target to complete by December 2022
	Generation & Distribution management system (GDMS)	TREP 13	5%	Target is a year from signing the contract.

ENGINEERING DIVISION

Economic solutions to technical problems

1. **Operations:** Throughout the year we had assisted the Distribution team in complex works throughout the outer Islands including Ha'apai and 'Eua such as replaced step-up transformer, provide troubleshooting support to distribution operations for fault and unusual network events such as short HV and LV UG cable and damaged transformers including short UG service line and some of the UG cable was damaged by the tsunami on the 15th of January 2022. Not only that but we located HV and LV UG cable that were requested from NNUP due to their upgrade work at Area 2 and Area 3. This also including some customers to whom they requested to locate their UG service cable due to their digging inside their property for different reasons.

We also locate HV UG cable request by Distribution due to their upgrade and installation of new HV UG line. We assist to locate all HV and LV UG cables inside at power generation as requested by contractor due to their digging and working on BESS project under TREP 01.

We also do work on smart meters data, and do some benefit analysis throughout the Island and the company, we had also assisted with development of the advanced metering infrastructure.

Another major task that was given to the team to do was check the Royal property that was on fire at Tufumahina and do a report due to investigation and request from the Tonga Fire and Emergency Services for the main cause of this incident to be clear it wasn't caused by electricity as assumed.

Last but not the least, we have assisted the Distribution team in repair and cleaning up of ashes from the volcanic eruption after the 15th of January, 2022 and we had also assisted the Planning and Design team in visual inspections of the network to be cleaned by Distribution team due to spark

on line caused by ashes from eruption and do some scanning using the thermal camera to check if there is any spot still need to be cleaned up.

2. **Load Flow simulation:** In preparation for the IPP solar operation and their impact on the existing network regarding for load forecast, we realised that some of the network to be upgraded include areas such as HV UG cable at Popua Power Generation and Ha'akame. There is also a need to shift the open point from Fahefa to Kala'au and replace some of the HV OH cable due to its smaller size that causes rise in voltage and might overloaded in the near future. There was also some analysis on voltage curve when Masilamea Solar will be turned ON just to be ready since there were voltage issues when Liukava solar was turned ON in May 2022.
3. **Technical support to outer Island we not provide service for:** We got a request for technical support from Government through MEIDECC to find out at the village of Felemea, Ha'apai faults that caused their power OFF for 5 months (since 15th of January 2022). We found out there is a problem with one of their HV (high voltage) UG (underground) cable joints that distribute electricity from 'Uiha power generation to Felemea. We did the HV UG cable joint properly and fixed some minor issues at the LV side of the step-down transformer at Felemea.
4. **Renewable Energy Assistance:** Some professional legal services would be of great assistance in this instance to provide engineering direction on the 6MW Synergies Solar IPP project through testing and commissioning of Liukava Solar System and to be continued to Masilamea. However, we work together with stakeholder in trying to monitor the voltage rise while we operate Liukava solar system during the day, in adjust of power factor and adjust the tap position for some of the step-down transformers on the network to monitor voltage to be within the rating stipulated in the concession contract.

We had also assisted in early maintenance of wind turbine at Niutoua. We also assist with determining energy storage specifications for TPL grids. We assist in Matatoa Solar System repair and maintenance, including checking energy meter for one of the SDG (Police Station at Longolongo) and we found out some issues as to when they are paying their production. We also found out that the wind monitoring system that was installed for a year in Vava'u to collect data on the suitability of the wind resource in Vava'u had a problem and we checked it on site visit and fixed it immediately and also address some other minor issues. The only problem now is communication due to poor connection of internet connection in Vava'u which is the only issue at the moment, but the operation of wind monitoring is totally fine.

5. **Stocktake:** We take part in the end of month stocktake in Power Generation staff and the Electricity Commission staff.
6. **Bypass meter check:** There were multiple by-pass meters that were reported to us to check and most of it is true which is contributed to our line losses we had to do some process to avoid this illegal practices.
7. **CT meter inspection:** A routine CT (current transformer) meter inspection in 'Eua was completed and there were no issues found, while in Tongatapu, 26 of the CT meters installed had been fully checked with some issues found. Those issues have been, and some were already fixed, these issues are also contributing to our line losses.
8. **Thermal Imaging Inspection:** A routine thermal HV inspection of 'Eua and Tongatapu HV networks grids has been completed. Issues have been identified and sent to related departments to be fixed. This is very helpful to minimize line losses and for preventative maintenance and proactive maintenance of network to maintain the reliability of the network.

9. **Customer Claim:** Some of the customers claimed the damage to their electrical appliances caused by Tonga Power during some of their planned and their unplanned power shutdowns. Therefore, we do an investigation and collect information and make decisions from it to compensate clients accordingly which are based on the result of the investigation undertaken by the team.

10. **Customer Complaint:** We have work collaboratively with the Distribution team in some of the complaints regarding low voltage and high voltage according to the concession contract, but some issues on the line were fixed accordingly. Working with the team in customers high consumption billing after the estimation their power bill were also undertaken.

11. **Cooperate closely with MEIDECC in planning the power line connection of Siren Towers to help in natural disaster warning:** As Tonga Islands is mostly flat, it is very vulnerable to tsunami and flooding hazards associated with climate and sea level rise-related risks. It is also vulnerable to other natural disasters. The government of Japan funded a project through JICA (Japan International Cooperation Agency) to install a number of Nationwide Early Warning System (NEWS) throughout Tonga. The main purpose of the project is to save the lives of the people and their properties, and to reduce risks and damage to basic services, infrastructure and the environment at times of natural disasters.

To liven these siren towers, it is needed to connect to the power line network of Tonga Power Limited. The engineering team was tasked to work closely with the ministry of MEIDECC in planning the connection of power to these siren towers. There were 55 siren towers all together and was distributed between Tongatapu, Vava'u, Ha'apai and 'Eua. All these siren towers were successfully connected to the grid.

12. **Faults Report**: Monthly faults report submitted to Risk & Compliance. This report can measure the reliability of power supply by measuring the SAIFI, SAIDI and CAIDI.
13. **Incident Report**: We have completed a highly investigation together with the Chief Inspector from Electricity Commission (EC) due to fatality of a member of the public by electrocuted at their relative property at Pili in the 1st of February 2022.
14. **Online Training**: Attend with one of the staff from Power Generation in Online training for the Introduction of Hybrid Power Generation System (HPGS) for additional countries, ***Operation and Maintenance of Diesel Engine Generators***. This training was conducted on the 29th of March to 8th of April 2022. (**Note**: we earned a certificate on this training. JICA already send it to Human Resource Manager).

LEGAL, REGULATORY & ENVIRONMENTAL ISSUES

Tonga Power Limited's Risk and Compliance Unit is tasked with its major core function of regulation and compliance enforcement of the Electricity Act 2007, Ministry of Public Enterprises Act 2002 and amendments and the Concession Contract III for all stakeholders in the Electricity sector as well as the company. Its other functions include (but are not limited to) the following:

- Ensuring TPL compliance with the obligations stipulated under the service levels set out in Schedule 1 of the Electricity Concession Contract III.
- Develop, lead and execute risk management strategies and to promote and position risk within the company.
- Ensure key internal controls comply with standards or meet best practises.
- Ensuring compliance with company policies and procedures.
- Liaise with the Electricity Commission on Independent reports on electrocution incidents.
- Tariff adjustment and publication.
- Employee's health and safety.
- Public safety and awareness.
- Customer complaints – Ombudsman, Tonga Power & Electricity Commission.
- CAPEX Proposal and CAPEX Reconciliation to EC.
- Checking of payment vouchers to ensure strong internal controls then report to Board.

Regulatory Compliance 2022 Performance Outcomes

The major achievements as at 31st June 2022 were:

- Collaborating and providing relevant policy & operational information as well as compliance reporting to the Ministry of Public Enterprises:
 - Business Plan 2022
 - Quarterly Reports
 - Asset Management Plan 2022 (AMP) / Business Continuity Plan 2022 (BCP)
 - Half Year Performance Report
 - Draft & Annual Report 2022
- Compliance reporting to the Electricity Commission met including:
 - Quarterly Tariff Adjustments
 - Audited Regulated Asset Value (RAV)
 - Monthly Progress Report
 - CAPEX Budget and Reconciliation
 - Regulatory Annual Report
 - Half Year Performance report – compliance with Service Standards as stipulated in the CCIII.

- Increased customer focus and efficiency through attending to customer requests in a timely manner; reported to the Board and Ministry of Public Enterprise.
- Ongoing collaboration with relevant stakeholders – information and data requests, complaints, and more.
- Internal controls check through checking of all outgoing payments, cashiers, billing, operation, fuel, etc.

Challenges faced

- Resource and Timing constraints
- Breaches in system losses and voltage standards are indication of the upgrade works that is currently underway which is inevitable because of the existence of some of the deteriorated sections in TPL's distribution network (non upgraded villages)
- Breaches of Fuel efficiency standard target of 4.00 kWh/L which has been considered high after the Renewable Energy were introduced.
- Some of the service standards stipulated in the Concession Contract III cannot be achieved due to reason beyond TPL controls such as the 24 hours voltage sampling target, maximum 10 days period for meter testing, etc.
- It is assumed that with the new Energy Bill that has been passed in Cabinet this year will resolve the issues that are considered outdated and deficient in the existing By-Laws of 1988 such as the Electrical Wiring, Submarine cables etc.

Risk and Audit 2022 Performance Outcomes

TPL faces the following major business risks:

- Compliance threats: originating in politics, law, regulation or corporate governance.
- Financial threats: stemming from volatility in markets and the real economy.
- Strategic threats: as related to customers and investors.
- Operational threats: affecting the processes, systems, people and overall value chain of TPL's business.

TPL has adopted an enterprise risk management system to meet its specific risk management needs. Enterprise risk management consists of a set of organizational components that together aim to raise the level of risk management effectiveness across Tonga Power. These include risk identification and prioritization, risk strategy, governance and control. It also includes allocation of risk ownership and risk reporting to the respective Divisional Managers on the risk management practices, which is currently being done through the PPRisk Module of the ERP system.

The following major achievements as at 31st June 2022 were:

- The Risk and Compliance Module in the ERP system currently used for risk management purposes and updated on a regular basis. Having risk owners to update and monitor each of their allocated/owned risk are currently work in progress.
- Findings from internal audit and compliance audits are updated into TPL Risk Register if they are considered a risk that needs to be monitored and addressed.
- Independent Audit Review of key risk areas in the business i.e. Finance, Operation, Diesel/Fuel etc.
- High level reports of the major risks are reported to Board and the MPE through Tonga Power Business Plan.
- Lead a team with Tonga Power to investigate the issue with customers' high consumption in January 2022 and the problem with averaging of customer bills.

Challenges faced

- Delay in implementation of risk controls given the costs involved.
- Resource constraint.
- PP Risk Module functions to be fully operational by end of 2022.

Health and Safety

The followings major achievements as at June 2022 were:

- Monthly Health and Safety meetings and relevant issues of interest are escalated to CEO for consideration and information. Respective divisional issues are addressed as needed.
- Hazard, Incident, Accident reports are recorded, monitored and followed up for relevant actions.
- HSE policies are communicated to all and updated as and when required.
- Low/High voltage complaints are checked for submission to EC.
- Attend to all audit visits and requests from the Electricity Commission i.e. Billing, stock take, reporting, fuel, etc.

Challenges faced

- Costs involved in addressing recommendations.
- Outer islands safety visits and spot-checks considered for the next financial year.
- Resource constraints.
- Evacuation Plan for new multi-complex Building at Matatoa to be developed - Drills to follow.
- Budget constraints.

PERFORMANCE TO PLAN

Strategic Performance Targets for the Planning Period 2022						
ID	Strategic Objective	Strategic Measures	Business Unit	Current	Targets	
				2022	2022	2021
1	Achieving 50% electricity generation from RE generation by 2025 in order to achieve the government TERM objective and realistic tariff reductions.	Accumulated Fuel Displacement (%)	Generation	11.3%	54%	30%
		Tariff Reduction due to RE	Finance	3.1 Seniti/kWh	4 seniti/kWh	2 seniti/kWh
		Installed Capacity (All)	Generation	31.49 MW	31 MW	21 MW
2	Adopting technologies to manage the complexities arising from increasing RE penetration.	Reduction in Maintenance Costs	Generation/Finance	19%	5%	5%
		Labor productivity	Generation	1	1.7GWH per FTE	1.6GWH per FTE
		Lube Oil Consumption	Generation	641 (Tt)	>1080kWh/L	>1080kWh/L
		Forced Outage	Generation	0.05% (Tt)	<5%	<5%
		Planned Outage	Generation	NA	<3%	<3%
		O&M Costs per MWh	Generation	17.7	<50 TOP/MWh	<50 TOP/MWh
		Frequency Fluctuations	Generation	met	<1.5%	<1.5%
		Fuel Efficiency	Generation & Distribution	3.86	4.05	4.05
		Reliability (SAIDI)	Generation	3970mins	850mins	850mins
		Number of outages	Generation	84	<3	<3
		Capacity Factor	Generation	49% (Tt)	>40%	>40%
		Voltage Fluctuations	Distribution	5	No cases >+/- 10% for 1 phase and +/- 5% for 3 phase	No cases >+/- 10% for 1 phase and +/- 5% for 3 phase
		GIS Accuracy	Distribution	approx. 70%	90%	80%
		Line Loss or Network Delivery Losses	Distribution	6%	10% or 5%	10% or 5%
3	Improving the network and replacing ageing assets to improve safety, efficiency and reliability of supply.	Availability Factor	Generation	86.81% (Tt)	99%	98%
		Load factor	Generation	72% (Tt)	>58%	>55%
		N+1 Security of Supply	Generation	Depends on various factors	100%	100%
		Installed Firm Capacity	Generation	31,490 kW	18,076 kW	17,676 kW
		Updated Asset Management Plan	Generation & Distribution	1	1	1
		Parasitic Losses	Generation	2.8%	3 to 5%	3 to 5%
		Customers per Distribution Employee	Distribution	157	>220	>210
		Average age of vehicle fleet	Distribution/Finance	8.2 years	>7	>6
		Distribution Transformer Utilisation	Distribution	Met	>30%	>30%

PERFORMANCE TO PLAN (CON'T)

Strategic Performance Targets for the Planning Period 2022						
ID	Strategic Objective	Strategic Measures	Business Unit	Current	Targets	
				2022	2022	2021
4	Cultivating a hazard free safety culture to minimize any electrical hazards to both public and staff.	HSE Policies are up to date and Audit completed	Risk and Compliance	90%	100%	90%
		Incident register completed and up to date	Risk and Compliance	100%	100%	90%
		Completed HSE meetings	Risk and Compliance	100%	100%	90%
		BCP/DRP up to date	Risk and Compliance	100%	100%	90%
		Exercise BC/DR Plan	Risk and Compliance	0	90%	80%
		Completed outer island visits	Risk and Compliance	0	100%	90%
		Complaints addressed on time	Risk and Compliance	approx. 70%	100%	90%
		Evacuation Plan completed	Risk and Compliance	90%	100%	90%
		Up to date risk register (HSE risks)	Risk and Compliance	100%	100%	90%
		HSE forms completed	Risk and Compliance	100%	100%	90%
		Internal audit completed of working sites	Risk and Compliance	100%	100%	90%
		Fatality register completed	Risk and Compliance	100%	100%	90%
5	Investing in excellent business processes and systems in order to improve operational efficiency and quality of TPL's services to customers.	Average customer wait time	Distribution	Met	< 4 days	< 4 days
		Billing cycle days (TPL Cr Sales to Trade Receivables x 365)	Retail	23 Days	improve by 5%	improve by 5%
		Smart Meter Read Rate	Retail	30%	>98%	>98%
		Business Case for Outer Island Smart Meters	Retail	Not yet	Board approval	Board approval
		Alternative Tariff (To reflect the source of power generation)	Retail	Not yet	Outerislands	Outerislands
		Outsource bill distribution	Retail	No progress	Tonga Post	Tonga Post
		Reduce Smart Meter Annual Opex	Retail	Additional Meters requested	Implement Smart Meter Annual OPEX reduction	Implement Smart Meter Annual OPEX reduction
		Tariff check	Retail	4	4	4
		Customer Satisfaction Rate	Retail	Awaiting Strats Survey	Improve baseline by 10%	Improve baseline by 10%
		Customer Categorisation	Retail	Residential and Non Residential Customers	Implement policy on all islands	Implement policy on all islands
		Shift to payment online (COVID-19)	Retail	Already in place	Implement online payment incentive	Implement online payment incentive
		% of TPL employees completing a performance review	HR	94%	>80%	>80%
		% of staff trained (formal or informal trainings)	HR	68%	25%	25%
		No. of policies reviewed or developed	HR	all hr policies reviewed & referred to MPE	At least 2	At least 2
		Staff Absenteeism (%)	HR	3.11%	<5%	<5%
		Staff Turnover Rate	HR	0.44%	<5%	<5%
		TPL Salary Structure	HR	0	1	1
		Staff Retention (%)	HR	99.97%	>90%	>90%
		% of recruitments completed	HR	100%	80%	80%
6	Managing all external funding and internal financing sources successfully in order to maximise the shareholder value.	HR Team Performance	HR	82%	>80%	>80%
		Staff HR Service Satisfaction Rate	HR	Satisfactory	At least a satisfactory rating	At least a satisfactory rating
		HRIS Populated and used	HR	30%	30%	30%
		Reduction in Material Cost	Distribution/Finance	World Prices increase due to Covid lockdown	8%	8%
		Rework Cost (SO3)	Distribution/Finance	WIP	<\$4,000	<\$4,000
		CAPEX Job Audits/Annum	Distribution	Not met	>80%	>80%
		Revenue	Retail	\$69m	\$51m	\$51m
		Collection mobile unit	Retail	Not yet	Implement mobile collection	Implement mobile collection
		Debt Ratio	Retail	61%	<40%	<40%
		Debtor Days	Retail	42 Days	<15 days	<15 days

FINANCIALS

Directors' Report	1-2
Statement by Directors'	3
Independent Auditors' Report	4-5
Statement of profit or loss and other income	6
Statement of financial position	7
Statement of cash flows	8
Statement of changes in equity	9
Notes to and forming part of the financial statements	10-42



Our Reference: LC367/324/23

Your Reference:

Date: 24th April, 2022

Mr. Finau Moa
Acting Chief Executive Officer
Tonga Power Limited
NUKU'ALOFA

Dear Mr. Moa

Re: Audit Report of Tonga Power Limited (TPL) for the year ended 30th June 2022

Please find enclosed the final signed accounts together with my Audit Report duly signed.

Once again, I would like to thank you and your staff for all your assistance and cooperation during the audit.

Yours Sincerely

Kelepi T. Makakaufaki Jr. CA (ANZ)
ACTING AUDITOR GENERAL



TONGA POWER LIMITED AND SUBSIDIARY COMPANIES
FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2022

TONGA POWER LIMITED AND SUBSIDIARY COMPANIES
FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2022

CONTENTS

	Page no
Directors' Report	1 - 2
Statement by Directors'	3
Independent Auditors' Report	4 - 5
Statements of profit or loss and other comprehensive income	6
Statements of financial position	7
Statements of cash flows	8
Statements of changes in equity	9
Notes to and forming part of the financial statements	10-42

The directors present their report together with the financial statements of Tonga Power Limited ("the Company") and of the Group, being the Company and its controlled entity ("the Group") for the year ended 30 June 2022 and the auditor's report thereon.

1 DIRECTORS

The following were directors of the Company at any time during the financial year and up to the date of this report:

Mr. Tapu Panuve	Appointed on 1-Mar-2022
Hon. Lasike	Appointed on 1-Mar-2022
Mr. Saimone Helu	Appointed on 1-Mar-2022
Mr. Maliu Takai	Appointed on 1-Mar-2022
Dr. Tevita Tukunga	Appointed on 1-Mar-2022
Mr. Sosaia Penitani	Appointed on 1-Mar-2022
Mr. Daniel Hamala	Resigned on 28-Feb-2022
Mr. Soane Kautai	Resigned on 28-Feb-2022
Mrs. Seimili Fonua	Resigned on 28-Feb-2022
Mr. 'Isileli Pulu	Resigned on 28-Feb-2022
Mrs. Pisila 'Otonuku	Resigned on 28-Feb-2022
Dr. 'Aisake Valu Eke	Resigned on 31-Aug-2021
Mr. 'Ipolito Lasalo	Resigned on 31-Aug-2021
Mr. Tevita Puloka	Resigned on 31-Aug-2021

2 PRINCIPAL ACTIVITY

The principal activity of the Group is to generate and supply electricity to the people of Tonga and the sale of gas. The Company also undertakes certain electrical contracting work for private customer service lines.

3 TRADING RESULTS

The profit after income tax of the Group for the financial year was \$1,409,174 (2021: \$1,470,257). The profit after income tax of the Company for the financial year was \$1,459,839(2021: \$886,070).

4 DIVIDENDS

The directors of the Company, during the year declared dividends of \$200,000 (2021: declared dividends of \$1,000,000) at the rate of \$194 (2021: \$970) per share. This is consistent with the Company's long term value objective under its dividend policy to distribute funds to its shareholder.

5 CURRENT ASSETS

The directors took reasonable steps before the financial statements were made out to ascertain that the current assets of the Company and the Group was shown in the accounting records at a value equal to or below the value that would be expected to be realised in the ordinary course of the business.

At the date of this report, the directors are not aware of any circumstances which would render the values attributable to the current assets in the financial statements to be misleading.

6 TRANSFERS FROM RESERVES

The directors recommend that \$421,124 be transferred from reserves in respect of the year ended 30 June 2022 (2021: \$421,124).

7 BAD AND DOUBTFUL DEBTS

The directors took reasonable steps before the financial statements were made out to ascertain that all known bad debts were written off and adequate allowance was made for expected credit loss. At the date of this report, the directors are not aware of any circumstances which would required writing off of bad debts, or the amount of the expected credit loss allowance, inadequate to any substantial extent.

8 DIRECTORS' BENEFIT

No director has, since the end of the previous financial year, received or become entitled to receive a benefit (other than a benefit included in the total amount of emoluments received or due and receivable by directors shown in the financial statements) by reason of a contract made with the Company or a related corporation with the director or with a firm of which the director is a member, or in a company in which the director has a substantial financial interest.

9 RELATED PARTY TRANSACTION

In the opinion of the directors, all related party transactions have been adequately recorded in the books of the Company and the Group.

10 EVENTS SUBSEQUENT TO BALANCE DATE

Subsequent to year end, the Board of Tonga Gas Limited has provided Tonga Power Limited an unconditional right to defer payment of \$2,814,137 outstanding as at 30 June 2022 (see note 27(c)) for at least 12 months after 30 June 2022.

Other than this, there has not arisen in the interval between the end of the year and the date of this report any item, transaction or event of a material and unusual nature likely, in the opinion of the Directors, to affect significantly the operations of the Group and the Company, the results of those operations or the state of affairs of the Group and the Company in subsequent years.

11 OTHER CIRCUMSTANCES

At the date of this report, the directors are not aware of any circumstances not otherwise dealt with in this report or financial statements which would render any amounts stated in the financial statements misleading.

12 GOING CONCERN

The financial statements of the Company and the Group have been prepared on a going concern basis, which contemplates continuity of normal business activities and the realisation of assets and settlement of liabilities in the ordinary course of business. The Company recorded a profit of \$1,459,839 for the year ended 30 June 2022 (2021: profit of \$886,070) and as at that date had a working capital deficiency of \$5,258,696 (2021: \$6,814,979). The Group recorded a profit of \$1,409,174 for the year ended 30 June 2022 (2021: profit of \$1,470,257) and as at that date had a working capital deficiency of \$3,343,200 (2021: \$4,247,855). The continuing financial viability of the Company and the Group is dependent on the existing financing facilities with ANZ Tonga Limited and/or the profitability of the Company and the Group.

13 UNUSUAL TRANSACTIONS

The results of the Company's and the Group's operations during the financial year have not in the opinion of the directors been substantially affected by any item, transaction or event of a material and unusual nature other than those disclosed in the financial statements.

14 SIGNIFICANT EVENTS DURING THE YEAR

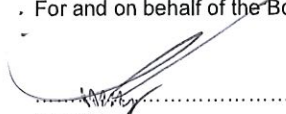
The social, health and economic consequences of the COVID-19 pandemic continue to evolve rapidly and have major impacts across the globe. Since its declaration as a pandemic in March 2020, COVID-19 and the associated government, business and consumer response has had an impact on the operations and financial performance of the Company. In response to the economic impact of the COVID-19 outbreak, the Company and the Group have implemented cost-cutting measures to reduce the expenditures together with cost control.

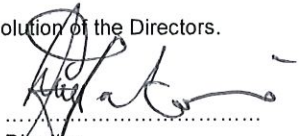
While the ultimate disruption which may be caused by the outbreak is uncertain, it may result in an adverse impact on the Company's financial position, performance and cash flows, should it result in ongoing economic downturn.

The Company continues to monitor developments in the COVID-19 pandemic and the measures being implemented on the economies to control and slow the outbreak. Given the dynamic nature of these circumstances and the significant increase in economic uncertainty, the related impact on the Company's future results of operations, cash flows and financial condition cannot be reasonably estimated at this stage and will be reflected in the Company's 2022 annual financial statements.

Dated at Nuku'alofa this 24th day of April 2023.

For and on behalf of the Board of Directors by authority of a resolution of the Directors.


Director
Tapu Panuve

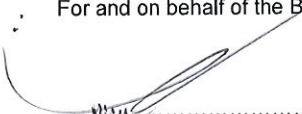

Director
Malu Takai

In the opinion of the directors:

- (a) the accompanying statements of profit or loss and other comprehensive income are drawn up so as to give a true and fair view of the results of the Company and of the Group for the year ended 30 June 2022;
- (b) the accompanying statements of financial position are drawn up so as to give a true and fair view of the state of affairs of the Company and of the Group as at 30 June 2022;
- (c) the accompanying statements of changes in equity are drawn up so as to give a true and fair view of the movement in shareholders' funds of the Company and of the Group for the year ended 30 June 2022;
- (d) the accompanying statements of cash flows are drawn up so as to give a true and fair view of the cash flows of the Company and of the Group for the year ended 30 June 2022;
- (e) at the date of this statement, there are reasonable grounds to believe that the Company and the Group will be able to pay its debts as and when they become due and payable; and
- (f) all related party transactions have been adequately recorded in the books of the Company.

Dated at Nuku'alofa this 24th day of April 2023.

For and on behalf of the Board of Directors by authority of a resolution of the Directors.


.....
Director
Tapu Panuve


.....
Director
Maliu Takai



INDEPENDENT AUDITOR'S REPORT

To the Members of the Tonga Power Limited

Opinion

We have audited the accompanying financial statements of the Tonga Power Limited ("the company"), which comprises the statement of financial positions as at 30th June 2022, the statement of profit or loss and other comprehensive income, changes in equity and cash flows for the year then ended, and the notes to the financial statements, which include a summary of significant accounting policies.

In our opinion, the accompanying financial statements presents fairly, in all material aspects, the financial position of the company as at 30th June, 2022, its financial performance and its cash flows for the year then ended in accordance with International Financial Reporting Standards (IFRS)

Basis for Opinion

We conducted our audit in accordance with the International Standards of Supreme Audit Institutions (ISSAIs). Our responsibility under this standard is further described in the *Auditor's Responsibility for the audit of the financial statements* section of our report. We are independent of Tonga Power Limited in accordance with the ISSAI standards.

Emphasis of Matter

We draw attention to Note 27(c), "Amounts payable to related party", which is the Tonga Gas Limited, amounted \$2,814,137, (\$2,453,204 in 2021). An uncertainty exists if this amount payable will be paid by TPL to TGL since there is no repayment plan in place between the parties. Nevertheless, we draw attention to Note 30, "Events Subsequent to Balance Date", it states, "Subsequent to year end, the Board of Tonga Gas Limited has provided Tonga Power Limited an unconditional right to defer payment of \$2,814,137 outstanding as at 30 June 2022 for at least 12 months after 30 June 2022". We are yet to be presented with this resolution of the Board of Directors above.

Responsibility of Management for the Financial Statements

The management of the company are responsible for the preparation and fair presentation of the financial statements in accordance with the International Financial Reporting Standards and for such internal controls as management determines is necessary to enable the preparation of financial statements that are free from material misstatements whether due to fraud or error.

The management's responsibilities arise under the Public Enterprise Act 2002.

In preparing the financial statements, management is also responsible for assessing its ability to continue as a going concern. Management is also responsible for disclosing, as applicable, matters related to going concern and using the going concern basis of accounting, unless there is an intention to cease all of the functions of the company, or there is no realistic alternative but to do so.

Auditor's Responsibility for the audit of the financial statements

Our objectives are to obtain reasonable assurance about whether the financial statements, as a whole, is free from material misstatement, whether due to fraud or error, and to issue an audit report that include our opinion.

Reasonable assurance is a high level of assurance but is not a guarantee that an audit carried out in accordance with ISSAIs will always detect a material misstatement when it exists. Misstatements are differences or omissions of amounts or disclosures that can arise from fraud or error. Misstatements are considered material if, individually or in the aggregate, they could reasonably be expected to influence the decisions of readers taken on the basis of these financial statements.

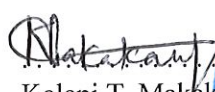
As part of an audit in accordance with ISSAIs, we exercise professional judgment and maintain professional scepticism throughout the audit. I also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion.

The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the company's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the company.
- Conclude on the appropriateness of the use of the going concern basis of accounting by the company, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast a significant doubt on the company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in the audit report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our audit report. However, future events or conditions may cause the company to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements, including disclosures, and whether the financial statements represents, where applicable, the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.


Kelepi T. Makakaufaki Jr, CA (ANZ)
ACTING AUDITOR GENERAL



Dated: 24th April, 2023

TONGA POWER LIMITED AND SUBSIDIARY COMPANIES
STATEMENTS OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME
FOR THE YEAR ENDED 30 JUNE 2022

6

		Consolidated		Company	
		2022	2021	2022	2021
	Note	\$	\$	\$	\$
Revenue	6	72,720,473	56,984,836	63,295,437	48,506,100
Cost of sales	10 (a)	(57,833,778)	(41,508,064)	(50,374,362)	(35,896,664)
Gross profit		14,886,695	15,476,772	12,921,075	12,609,436
Other income	7	4,754,338	5,237,407	4,845,113	5,184,767
Impairment loss on trade receivables		-	(418,250)	-	(418,250)
Selling and distribution expenses	10 (b)	(7,527,434)	(7,671,664)	(7,457,991)	(7,541,800)
Administrative and other expenses	10 (c)	(9,137,254)	(9,332,916)	(7,305,283)	(7,391,969)
Operating profit		2,976,344	3,291,350	3,002,914	2,442,184
Net finance costs	8	(1,097,447)	(1,331,007)	(1,056,462)	(1,260,757)
(Loss) / Profit before tax		1,878,898	1,960,343	1,946,452	1,181,427
Income tax benefit / (expense)	11 (a)	(469,724)	(490,086)	(486,613)	(295,357)
(Loss) / Profit		1,409,174	1,470,257	1,459,839	886,070
Other comprehensive income, net of tax		-	-	-	-
Total comprehensive (expense) / income		1,409,174	1,470,257	1,459,839	886,070

The above statements of profit or loss and other comprehensive income should be read in conjunction with the accompanying notes.

TONGA POWER LIMITED AND SUBSIDIARY COMPANIES
STATEMENTS OF FINANCIAL POSITION
AS AT 30 JUNE 2022

7

		Consolidated		Company	
		2022	2021	2022	2021
	Note	\$	\$	\$	\$
ASSETS					
Current assets					
Cash	12	1,642,241	2,466,206	993,029	1,368,002
Trade and other receivables	13	13,163,310	7,662,541	13,815,856	7,941,325
Inventories	14	2,303,347	1,596,844	1,681,687	1,220,823
Debt investment securities	15	777,709	764,243	346,055	339,936
Current tax asset	11 (b)	63,194	268,763	-	804,936
		<u>17,949,802</u>	<u>12,758,598</u>	<u>16,836,627</u>	<u>11,675,024</u>
Non-current assets					
Deferred tax assets	11 (d)	1,196,298	1,221,418	964,257	770,502
Debt investment securities	15	-	-	-	-
Intangible assets	16	1,056,086	1,680,760	74,906	717,322
Property, plant and equipment	17	136,049,690	142,330,428	133,326,035	139,396,236
Investment in subsidiaries	25	-	-	3,595,694	3,595,694
Right-of-use assets	26	2,544,042	2,660,846	1,444,919	1,522,337
		<u>140,846,116</u>	<u>147,893,451</u>	<u>139,405,811</u>	<u>146,002,091</u>
TOTAL ASSETS		<u>158,795,918</u>	<u>160,652,049</u>	<u>156,242,438</u>	<u>157,677,114</u>
LIABILITIES					
Current liabilities					
Current tax liability	11 (b)	699,470	-	367,104	-
Bank Overdraft	12	1,647,056	98,040	1,647,056	98,040
Trade and other payables	18	10,406,827	8,724,584	12,172,484	10,565,100
Employee entitlements	19	356,945	234,756	301,639	207,233
Borrowings	20	4,683,304	4,437,207	4,128,090	4,128,090
Provision for dividend	22	-	-	-	-
Deferred income - donated assets	24	3,456,509	3,456,509	3,456,509	3,456,509
Lease liabilities	26	42,890	55,357	22,441	35,030
		<u>21,293,002</u>	<u>17,006,452</u>	<u>22,095,323</u>	<u>18,490,002</u>
Non-current liabilities					
Deferred tax liabilities	11 (c)	7,936,714	8,533,314	7,608,982	8,159,591
Borrowings	20	20,087,246	22,557,937	19,214,990	21,463,789
Deferred income - donated assets	24	45,056,250	48,512,760	45,056,250	48,512,760
Lease liabilities	26	2,647,510	2,713,004	1,495,089	1,539,005
		<u>75,727,720</u>	<u>82,317,015</u>	<u>73,375,311</u>	<u>79,675,145</u>
TOTAL LIABILITIES		<u>97,020,723</u>	<u>99,323,467</u>	<u>95,470,634</u>	<u>98,165,147</u>
EQUITY					
Share capital	21 (b)	33,783,595	33,783,595	33,783,595	33,783,595
Asset revaluation reserve	23	9,104,057	9,525,181	9,104,057	9,525,181
Retained earnings		18,887,543	18,019,806	17,884,154	16,203,191
TOTAL EQUITY		<u>61,775,195</u>	<u>61,328,582</u>	<u>60,771,806</u>	<u>59,511,967</u>
TOTAL LIABILITIES AND EQUITY		<u>158,795,918</u>	<u>160,652,049</u>	<u>156,242,438</u>	<u>157,677,114</u>

For and on behalf of the Board of Directors.

Director
 Tapu Panuve

Director
 Maliu Takai

The above statements of financial position should be read in conjunction with the accompanying notes.

TONGA POWER LIMITED AND SUBSIDIARY COMPANIES
STATEMENTS OF CASH FLOWS
FOR THE YEAR ENDED 30 JUNE 2022

8

		Consolidated		Company	
		2022	2021	2022	2021
	Note	\$	\$	\$	\$
Cash flows from operating activities					
Receipts from customers		66,597,985	56,778,902	57,114,805	48,526,151
Payments to suppliers and employees		(60,411,558)	(46,191,805)	(51,315,650)	(39,119,862)
Income tax paid	11 (b)	(110,348)	(68,915)	(58,937)	-
Insurance proceeds		-	-	-	-
Interest received		38,482	14,494	28,534	8,172
Interest paid		(1,056,260)	(1,327,243)	(1,005,327)	(1,265,167)
Net cash from operating activities		<u>5,058,301</u>	<u>9,205,433</u>	<u>4,763,425</u>	<u>8,149,293</u>
Cash flows from investing activities					
Investment in debt securities		(6,119)	(6,026)	(6,119)	(6,026)
Proceeds from debt securities		-	-	-	-
Proceeds from sale of plant and equipment		18,820	2,500,000	18,820	2,500,000
Acquisition of intangible assets	16	(17,992)	(16,004)	-	-
Acquisition of property, plant and equipment		(3,677,887)	(5,732,623)	(3,609,990)	(5,595,153)
Net cash used in investing activities		<u>(3,683,178)</u>	<u>(3,254,654)</u>	<u>(3,597,289)</u>	<u>(3,101,180)</u>
Cash flows from financing activities					
Proceeds from borrowings	20 (b)	892,080	-	892,080	-
Repayment of borrowings	20 (b)	(4,332,685)	(4,275,085)	(3,687,110)	(4,001,590)
Dividends paid	22	(200,000)	-	(200,000)	-
Payment of lease liabilities	26	(91,098)	(68,598)	(78,695)	(51,698)
Net cash (used in)/from financing activities		<u>(3,731,703)</u>	<u>(4,343,684)</u>	<u>(3,073,725)</u>	<u>(4,053,289)</u>
Net decrease in cash and cash equivalents		<u>(2,356,580)</u>	<u>1,607,096</u>	<u>(1,907,589)</u>	<u>994,825</u>
Effect of movements in exchange rates on cash held		<u>(16,400)</u>	<u>(3,763)</u>	<u>(16,400)</u>	<u>(3,763)</u>
Cash at beginning of year		<u>2,368,166</u>	<u>764,833</u>	<u>1,269,963</u>	<u>278,901</u>
Cash at end of year	12	<u>(4,814)</u>	<u>2,368,166</u>	<u>(654,026)</u>	<u>1,269,963</u>

The above statements of cash flows should be read in conjunction with the accompanying notes.

TONGA POWER LIMITED AND SUBSIDIARY COMPANIES
STATEMENTS OF CHANGES IN EQUITY
FOR THE YEAR ENDED 30 JUNE 2022

9

	Share Capital	Asset Revaluation Reserve	Retained Earnings	Total Equity
	\$	\$	\$	\$
CONSOLIDATED				
Balance at 1 July 2020	33,783,595	9,946,305	18,225,417	61,955,317
Total comprehensive income				
Profit	-	-	1,470,257	1,470,257
Transfer to retained earnings	-	(421,124)	421,124	-
Prior year adjustment	-	-	(1,096,992)	(1,096,992)
Total comprehensive income	-	(421,124)	794,389	373,265
Transaction with owners of the Company				
Contributions and distributions				
Dividends paid to owners of the Company	-	-	(1,000,000)	(1,000,000)
Prior year adjustment	-	-	(1,000,000)	(1,000,000)
Total contributions and distributions	-	-	(1,000,000)	(1,000,000)
Balance at 30 June 2021	33,783,595	9,525,181	18,019,806	61,328,582
Balance at 1 July 2021	33,783,595	9,525,181	18,019,806	61,328,582
Total comprehensive expense				
Loss	-	-	1,409,174	1,409,174
Transfer to retained earnings	-	(421,124)	421,124	-
Prior year adjustment	-	-	(762,561)	(762,561)
Total comprehensive expense	-	(421,124)	1,067,737	646,613
Transaction with owners of the Company				
Contributions and distributions				
Dividends paid to owners of the Company	-	-	(200,000)	(200,000)
Total contributions and distributions	-	-	(200,000)	(200,000)
Balance at 30 June 2022	33,783,595	9,104,057	18,887,543	61,775,195
COMPANY				
Balance at 1 July 2020	33,783,595	9,946,305	16,992,989	60,722,889
Adjustment on initial application of IFRS 9, net of tax	-	-	-	-
Restated balance at 1 July 2020	33,783,595	9,946,305	16,992,989	60,722,889
Total comprehensive income				
Profit	-	-	886,070	886,070
Transfer to retained earnings	-	(421,124)	421,124	-
Prior year adjustment	-	-	(1,096,992)	(1,096,992)
Total comprehensive income	-	(421,124)	210,202	(210,922)
Transaction with owners of the Company				
Contributions and distributions				
Dividends paid to owners of the Company	-	-	(1,000,000)	(1,000,000)
Total contributions and distributions	-	-	(1,000,000)	(1,000,000)
Balance at 30 June 2021	33,783,595	9,525,181	16,203,191	59,511,967
Balance at 1 July 2021	33,783,595	9,525,181	16,203,191	59,511,967
Total comprehensive expense				
Profit	-	-	1,459,839	1,459,839
Transfer to retained earnings	-	(421,124)	421,124	-
Total comprehensive expense	-	(421,124)	1,880,963	1,459,839
Transaction with owners of the Company				
Contributions and distributions				
Dividends paid to owners of the Company	-	-	(200,000)	(200,000)
Total contributions and distributions	-	-	(200,000)	(200,000)
Balance at 30 June 2022	33,783,595	9,104,057	17,884,154	60,771,806

The above statements of changes in equity should be read in conjunction with the accompanying notes.

1 REPORTING ENTITY

Tonga Power Limited (the "Company") is a limited liability company incorporated and domiciled in the Kingdom of Tonga and its registered office and principal place of business is at the Lakalakaimonu Multi Utility Complex, Taufa'ahua Road and Poutaha, Nuku'alofa, Tonga.

The principal activity of Tonga Power Limited and subsidiary companies (the "Group") is to generate and supply electricity to the people of Tonga and the sale of gas. The Company also undertakes electrical contracting work particularly for private customer service lines.

2 BASIS OF ACCOUNTING

(a) Basis of preparation

(i) Statement of compliance

These consolidated financial statements have been prepared in accordance with International Financial Reporting Standards ("IFRSs") as issued by the International Accounting Standards Board and the requirements of the Public Enterprises Act, 2002 and the Tonga Companies Act, 1995.

The financial statements were authorised for issue by the Board of the Directors on 24th April.

(ii) Basis of measurement

The financial statements have been prepared under the historical cost convention, as modified by the revaluation of Distribution Network Equipment and Land and Buildings and except where otherwise noted.

The preparation of financial statements in conformity with IFRS requires the use of certain critical accounting estimates and management's judgment in the process of applying the entity's accounting policies. The areas involving a higher degree of judgment or complexity, or areas where assumptions and estimates are significant to the financial statements are disclosed in Note 2 (d).

(iii) Going concern

The financial statements of the Company and the Group have been prepared on a going concern basis, which contemplates continuity of normal business activities and the realisation of assets and settlement of liabilities in the ordinary course of business. The Company recorded a profit of \$1,459,839 for the year ended 30 June 2022 (2021: profit of \$886,070) and as at that date had a working capital deficiency of \$5,258,696 (2021: \$6,814,979). The Group recorded a profit of \$1,409,174 for the year ended 30 June 2022 (2021: profit of \$1,470,257) and as at that date had a working capital deficiency of \$3,343,200 (2021: \$4,247,855). The continuing financial viability of the Company and the Group is dependent on the existing financing facilities with ANZ Tonga Limited and/or the profitability of the Company and the Group.

(b) Basis of consolidation

The consolidated financial statements of the Company as at and for the year ended 30 June 2022 comprise the Company and its controlled entities (together referred to as the "Group" and individually as "Group entities").

Business combination

The Group accounts for business combination using the acquisition method when control is transferred to the Group. The consideration transferred in the acquisition is generally measured at fair value, as are the identifiable net assets acquired. Any goodwill that arises is tested annually for impairment. Any gain on a bargain purchase is recognised in profit or loss immediately. Transaction costs are expensed as incurred.

(b) Basis of consolidation (continued)

Subsidiaries

Subsidiaries are entities controlled by the Group. The Group controls an entity when it is exposed to, or has rights to, variable returns from its involvement with the entity and has the ability to affect those returns through its power over the entity. The financial statements of subsidiaries are included in the consolidated financial statements from the date on which control commences until the date on which control ceases.

Transactions eliminated on consolidation

Intra-group balances and transactions, and any unrealised income and expenses arising from intra-group transactions, are eliminated. Accounting policies of the subsidiaries have been changed where necessary to ensure consistency with the policies adopted by the Group. Investments in subsidiaries are measured at cost, less impairment.

2 BASIS OF ACCOUNTING (continued)

(c) Foreign currency translation

(i) Functional and presentation currency

Items included in the consolidated financial statements are measured using the currency of the primary economic environment in which the Company operates ('the functional currency'). The financial statements are presented in Tongan Pa'anga and denoted "\$", which is the Group's functional and presentation currency, rounded off to the nearest Tongan Pa'anga.

(ii) Transactions and balances

Foreign currency transactions are translated into the functional currency using the exchange rates prevailing at the date of the transactions. Foreign exchange gains and losses resulting from the settlement of such transactions and from the translation at period-end exchange rates of monetary assets and liabilities denominated in foreign currencies are recognised in profit or loss.

(d) Accounting estimates and assumptions

The preparation of the financial statements in conformity with IFRSs requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimates are revised and in any future periods affected.

In particular, information about significant areas of estimation uncertainty and critical judgments in applying accounting policies that have the most significant effect on the amounts recognised in the financial statements are included in the following notes:

Note 3(g) – Impairment of financial assets

3 SIGNIFICANT ACCOUNTING POLICIES

(a) Foreign currency transactions

Transactions in foreign currencies are translated to TOP at exchange rates prevailing at the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies at the reporting date are translated to TOP at the exchange rate prevailing at the reporting date. The foreign currency gains or losses on translation are recognised in profit or loss.

(b) Property, plant and equipment

Recognition and measurement

The Group measures items of plant and equipment at cost, which includes capitalised borrowing costs, less accumulated depreciation and any accumulated impairment losses except for distribution network equipment and land and building which are measured at revaluation. Any accumulated depreciation at the date of revaluation is eliminated against the gross carrying amount of the asset, and the net amount is restated to the revalued amount of the asset.

Subsequent expenditure

Subsequent costs are included in the asset's carrying amount or recognised as a separate asset, as appropriate, only when it is probable that future economic benefits associated with the item will flow to the Group and the cost of the item can be measured reliably. The carrying amount of the replaced part is derecognised. All other repairs and maintenance are charged to profit or loss during the financial year in which they are incurred.

Increases in the carrying amount arising on revaluation are credited to other comprehensive income and shown as asset revaluation reserves in shareholders' equity. Decreases that offset previous increases of the same asset are charged in other comprehensive income and debited against asset revaluation reserves directly in equity; all other decreases are charged to profit or loss. Each year the difference between depreciation based on the revalued carrying amount of the asset charged to profit or loss and depreciation based on the asset's original cost is transferred from 'asset revaluation reserves' to 'retained earnings'.

3 SIGNIFICANT ACCOUNTING POLICIES (continued)

(b) Property, plant and equipment (continued)

Depreciation

Depreciation is calculated to write-off the cost of items of property, plant and equipment less their estimated residual values using the straight-line method over their estimated useful lives and is generally recognised in profit and loss. The principal annual rates in use are:

Generation Equipment	3.33% to 33.33%
Distribution Network Equipment	1.82% to 100%
Computers & Equipment	11.55% to 29.97%
Furniture & Fixtures	10.25% to 25.31%
Tools & Equipment	10.03% to 25.31%
Motor vehicles	20% to 33.33%
Land & Building	3.33%
Other Auxiliary Equipment	10%
Leasehold land	Term of the lease

An asset's carrying amount is written down immediately to its recoverable amount if the asset's carrying amount is greater than its estimated recoverable amount. Gains or losses on the disposal of property plant and equipment are recognised in profit or loss. When revalued assets are sold, the amounts included in other reserves are transferred to retained earnings. Depreciation methods, useful lives, and residual values are reviewed at each reporting date and adjusted if appropriate.

(c) Intangible assets

Software

Recognition and measurement

Intangible assets include cost of computer software in respect of the billing system. Acquired intangible assets are initially recorded at their cost at the date of acquisition being the fair value of the consideration provided plus incidental costs directly attributable to the acquisition. Costs associated with maintaining computer software programmes are recognised as an expense as incurred. Development costs directly attributable to the design and testing of software are recognised as intangible assets.

Subsequent expenditure

Subsequent expenditure is capitalised only when it increases the future economic benefits embodied in the specific asset to which it relates.

Amortisation

All acquired computer softwares have finite useful lives and are measured at cost less accumulated amortisation and accumulated impairment losses. Intangible assets are amortised on a straight line basis over its estimated useful life of 5 years. Amortisation methods, useful lives, and residual values are reviewed at each reporting date and adjusted if appropriate.

Goodwill

Goodwill arising on acquisition of subsidiaries is measured at cost less accumulated impairment losses.

3 SIGNIFICANT ACCOUNTING POLICIES (continued)

(d) Finance income and costs

The Group's finance income and finance costs include:

- interest income;
- interest expense; and
- the foreign currency gain or loss on financial assets and financial liabilities.

Interest income or expense is recognised using the effective interest method. The 'effective interest rate' is the rate that exactly discounts estimated future cash payments or receipts through the expected life of the financial instrument to:

- the gross carrying amount of the financial asset; or
- the amortised cost of the financial liability.

In calculating interest income and expense, the effective interest rate is applied to the gross carrying amount of the asset (when the asset is not credit-impaired) or to the amortised cost of the liability. However, for financial assets that have become credit-impaired subsequent to initial recognition, interest income is calculated by applying the effective interest rate to the amortised cost of the financial asset. If the asset is no longer credit-impaired, then the calculation of interest income reverts to the gross basis.

(e) Inventories

Inventories are stated at the lower of cost and net realisable value. Net realisable value is the estimated selling price in the ordinary course of business, less applicable selling expenses.

Cost is determined using the weighted average method for fuel and First-in First-out (FIFO) method for spare parts. Inventory cost includes expenditure incurred in acquiring the inventories and bringing them to their existing condition and location.

(f) Financial instruments

i. Recognition and initial measurement

Trade receivables are initially recognized when they are originated. All other financial assets and financial liabilities are initially recognized when the Group becomes a party to the contractual provisions of the instrument.

A financial asset (unless it is a trade receivable without a significant financing component) or financial liability is initially measured at fair value plus, for an item not at FVTPL, transaction costs that are directly attributable to its acquisition or issue. A trade receivable without a significant financing component is initially measured at the transaction price.

3 SIGNIFICANT ACCOUNTING POLICIES (continued)

(f) Financial instruments (continued)

ii. Classification and subsequent measurement

Financial assets

On initial recognition, a financial asset is classified as measured at amortised cost, FVOCI or FVTPL. Financial assets are not reclassified subsequent to their initial recognition unless the Group changes its business model for managing financial assets, in which case all affected financial assets are reclassified on the first day of the first reporting period following the change in the business model.

A financial asset is measured at amortised cost if it meets both of the following conditions and is not designated as at FVTPL:

- it is held within a business model whose objective is to hold assets to collect contractual cash flows; and
- its contractual terms give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

All financial assets not classified as measured at amortised cost or FVOCI as described above are measured at FVTPL. On initial recognition, the Group may irrevocably designate a financial asset that otherwise meets the requirements to be measured at amortised cost or at FVOCI as at FVTPL if doing so eliminates or significantly reduces an accounting mismatch that would otherwise arise.

Financial assets: Business model assessment

The Group makes an assessment of the objective of the business model in which a financial asset is held at a portfolio level because this best reflects the way the business is managed and information is provided to management. The information considered includes:

- The stated policies and objectives for the portfolio and the operation of those policies in practice. These include whether management's strategy focuses on earning contractual interest income, maintaining a particular interest rate profile, matching the duration of the financial assets to the duration of any related liabilities or expected cash outflows or realising cash flows through the sale of the assets;
- how the performance of the portfolio is evaluated and reported to management
- the risks that affect the performance of the business model (and the financial assets held within that business model) and how those risks are managed;
- how managers of the business are compensated – e.g. whether compensation is based on the fair value of the assets managed or the contractual cash flows collected; and
- the frequency, volume and timing of sales of financial assets in prior periods, the reasons for such sales and expectations about future sales activity.

Transfers of financial assets to third parties in transactions that do not qualify for derecognition are not considered sales for this purpose, consistent with the Group's continuing recognition of the assets.

3 SIGNIFICANT ACCOUNTING POLICIES (continued)

(f) Financial instruments (continued)

ii. Classification and subsequent measurement (continued)

Financial assets: Assessment of whether contractual cash flows are solely payments of principal and interest

For the purposes of this assessment, 'principal' is defined as the fair value of the financial asset on initial recognition. 'Interest' is defined as consideration for the time value of money and for the credit risk associated with the principal amount outstanding during a particular period of time and for other basic lending risks and costs (e.g. liquidity risk and administrative costs), as well as a profit margin.

In assessing whether the contractual cash flows are solely payments of principal and interest, the Group considers the contractual terms of the instrument. This includes assessing whether the financial asset contains a contractual term that could change the timing or amount of contractual cash flows such that it would not meet this condition. In making this assessment, the Group considers:

- contingent events that would change the amount or timing of cash flows;
- terms that may adjust the contractual coupon rate, including variable rate features;
- prepayment and extension features; and
- terms that limit the Group's claim to cash flows from specified assets (e.g. non-recourse features).

A prepayment feature is consistent with the solely payments of principal and interest criterion if the prepayment amount substantially represents unpaid amounts of principal and interest on the principal amount outstanding, which may include reasonable additional compensation for early termination of the contract.

Financial assets: Subsequent measurement and gains and losses

Financial assets that are measured at amortised costs are subsequently measured at amortised cost using the effective interest method. The amortised cost is reduced by impairment losses. Interest income, foreign exchange gains and losses and impairment are recognised in profit or loss. Any gain or loss on derecognition is recognised in profit or loss.

iii. Financial liabilities - Classification, subsequent measurement and gains and losses

Financial liabilities are classified and measured at amortised cost or FVTPL. A financial liability is classified at FVTPL if it is classified as held-for trading, it is a derivative or it is designated as such on initial recognition. Financial liabilities at FVTPL are measured at fair value and net gains and losses including any interest expense, are recognised in profit or loss. Other financial liabilities are subsequently measured at amortised cost using the effective interest method. Interest expense and foreign exchange gains and losses are recognised in profit and loss. Any gains or loss on derecognition is also recognised in profit or loss.

iv. Derecognition

Financial assets

The Group derecognises a financial asset when the contractual rights to the cash flows from the financial asset expire, or it transfers the rights to receive the contractual cash flows in a transaction in which substantially all of the risks and rewards of ownership of the financial asset are transferred or in which the Group neither transfers nor retains substantially all of the risks and rewards of ownership and it does not retain control of the financial asset.

3 SIGNIFICANT ACCOUNTING POLICIES (continued)

(f) Financial instruments (continued)

iv. Derecognition (continued)

Financial liabilities

The Group derecognises a financial liability when its contractual obligations are discharged or cancelled, or expire. The Group also derecognises a financial liability when its terms are modified and the cash flows of the modified liability are substantially different, in which case a new financial liability based on the modified terms is recognised at fair value.

On derecognition of a financial liability, the difference between the carrying amount extinguished and the consideration paid (including any non-cash assets transferred or liabilities assumed) is recognised in profit or loss.

v. Offsetting

Financial assets and financial liabilities are offset and the net amount presented in the statement of financial position when, and only when, the Group currently has a legally enforceable right to set off the amounts and it intends either to settle them on a net basis or to realise the asset and settle the liability simultaneously.

vi. Modification of financial assets

If the terms of a financial asset are modified, the Group evaluates whether the cash flows of the modified asset are substantially different. If the cash flows are substantially different, then the contractual rights to cash flows from the original financial asset are deemed to have expired. In this case, the original financial asset is derecognised (see 4(iv)) and a new financial asset is recognised at fair value.

If the cash flows of the modified asset carried at amortised cost are not substantially different, then the modification does not result in derecognition of the financial asset. In this case, the Group recalculates the gross carrying amount of the financial asset and recognises the amount arising from adjusting the gross carrying amount as a modification gain or loss in profit or loss. If such a modification is carried out because of financial difficulties of the borrower, then the gain or loss is presented together with impairment losses. In other cases, it is presented as interest income.

(g) Impairment

i. Non-derivative financial assets

The Group recognises loss allowances for expected credit losses (ECL) on financial assets measured at amortised cost.

The Company measures loss allowances at an amount equal to lifetime ECL, except for the following, which are measured as 12-month ECL:

- debt securities that are determined to have low credit risk at the reporting date; and
- other debt securities and bank balances for which credit risk (i.e. the risk of default occurring over the expected life of the financial instrument) has not increased significantly since initial recognition.

Loss allowances for trade receivables are always measured at an amount equal to lifetime ECL.

When determining whether the credit risk of a financial asset has increased significantly since initial recognition and when estimating ECL, the Group considers reasonable and supportable information that is relevant and available without undue cost or effort. This includes both quantitative and qualitative information and analysis, based on the Group's historical experience and informed credit assessment and including forward-looking information.

3 SIGNIFICANT ACCOUNTING POLICIES (continued)

(g) Impairment (continued)

Non-derivative financial assets (continued)

The Group assumes that the credit risk on a financial asset has increased significantly if it is more than 90 days past due.

The Group considers a financial asset to be in default when:

- the borrower is unlikely to pay its credit obligations to the Group in full, without recourse by the Group to actions such as realising security (if any is held); or
- the financial asset is more than 90 days past due.

The Group considers debt securities to have low credit risk when its credit risk rating is equivalent to the globally understood definition of "investment grade". The Group considers this to be Baa3 or higher per rating agency Moody's or BBB- or higher per rating agency Standards & Poor's.

Lifetime ECLs are the ECLs that result from all possible default events over the expected life of a financial instrument.

12-month ECLs are the portion of ECLs that result from default events that are possible within the 12 months after the reporting date (or a shorter period if the expected life of the instrument is less than 12 months).

The maximum period considered when estimating ECLs is the maximum contractual period over which the Group is exposed to credit risk.

Measurement of ECLs

ECLs are a probability-weighted estimate of credit losses. They are measured as follows:

- financial assets that are not credit-impaired at the reporting date: as the present value of all cash shortfalls (i.e. the difference between the cash flows due to the entity in accordance with the contract and the cash flows that the Company expects to receive); and
- financial assets that are credit-impaired at the reporting date: as the difference between the gross carrying amount and the present value of estimated future cash flows.

ECLs are discounted at the effective interest rate of the financial asset.

Credit-impaired financial assets

At each reporting date, the Group assesses whether financial assets carried at amortised cost are credit impaired. A financial asset is 'credit-impaired' when one or more events that have a detrimental impact on the estimated future cash flows of the financial asset have occurred.

3 SIGNIFICANT ACCOUNTING POLICIES (continued)

(g) Impairment (continued)

Non-derivative financial assets (continued)

Credit-impaired financial assets (continued)

Evidence that a financial asset is credit-impaired includes the following observable data:

- significant financial difficulty of the borrower or issuer;
- a breach of contract such as a default or being more than 90 days past due;
- the restructuring of a receivable by the Group on terms that the Group would not consider otherwise;
- it is probable that the borrower will enter bankruptcy or other financial reorganisation; or
- the disappearance of an active market for a security because of financial difficulties.

Presentation of allowance for ECL in the statement of financial position

Loss allowances for financial assets measured at amortised cost are deducted from the gross carrying amount of the assets.

Write-off

The gross carrying amount of a financial asset is written off (either partially or in full) to the extent that there is no realistic prospect of recovery. This is generally the case when the Group determines that the debtor does not have assets or sources of income that could generate sufficient cash flows to repay the amounts subject to the write-off. However, financial assets that are written off could still be subject to enforcement activities in order to comply with the Group's procedures for recovery of amounts due.

Non financial assets

Assets that have an indefinite useful life are tested annually for impairment. For all other non financial assets (other than inventories and deferred tax assets), at each reporting date, the Company reviews the carrying amounts to determine whether there is any indication of impairment. If any such indications exist, then the asset's recoverable amount is estimated. For impairment testing, assets are grouped together into the smallest group of assets that generates cash inflows from continuing use that are largely independent of cash inflows of other assets or CGU's.

The recoverable amount of an asset or CGU is the greater of its value in use and its fair value less costs to sell. Value in use is based on the estimated future cash flows, discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset or CGU.

An impairment loss is recognised if the carrying amount of an asset or CGU exceeds its recoverable amount. Impairment losses are recognised in profit or loss.

(h) Share capital

Ordinary shares are classified as equity and carried in the Company and the Group's financial statements at par value. Incremental costs directly attributable to the issue of ordinary shares are recognised as a deduction from equity, net of any tax effects.

3 SIGNIFICANT ACCOUNTING POLICIES (continued)

(i) Income tax

Income tax expense comprises current and deferred tax. Income tax expense is recognised in profit or loss except to the extent that it relates to a business combination, or items recognised directly in equity or in OCI.

Current tax comprises the expected tax payable or receivable on the taxable income or loss for the year and any adjustment to the tax payable or receivable in respect of previous years. It is measured using tax rates enacted or substantively enacted at the reporting date.

Deferred tax is recognised in respect of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes. Deferred tax is not recognised for the following: temporary differences on the initial recognition of assets or liabilities in a transaction that is not a business combination and that affects neither accounting nor taxable profit or loss, temporary differences related to investments in subsidiaries to the extent that the Group is able to control the timing of the reversal of the temporary differences and it is probable that they will not reverse in the foreseeable future, and taxable temporary difference arising on the initial recognition of goodwill.

Deferred tax assets are recognised for unused tax losses, unused tax credits and deductible temporary differences, to the extent that it is probable that future taxable profits will be available against which they can be utilised. Deferred tax assets are reviewed at each reporting date and are reduced to the extent that it is no longer probable that the related tax benefit will be realised, such reductions are reversed when the probability of future taxable profits improved.

Unrecognised deferred tax assets are reassessed at each reporting date and recognised to the extent that it has become probable that future taxable profits will be available against which they can be used.

Deferred tax is measured at the tax rates that are expected to be applied to temporary differences when they reverse, using tax rates enacted or substantively enacted by the reporting date.

Deferred tax assets and liabilities are offset only if there is a legally enforceable right to offset current tax liabilities and assets, and they relate to income taxes levied by the same tax authority on the same taxable entity, or on different tax entities, but they intend to settle current tax liabilities and assets on a net basis or their tax assets and liabilities will be realised simultaneously.

(j) Employee entitlements

(i) Wages, salaries and annual leave

Liabilities for wages and salaries, including annual leave expected to be settled within 12 months of the reporting date are recognised in respect of employees' services up to the reporting date and are measured at the amounts expected to be paid when the liabilities are settled.

(ii) Superannuation

Contributions are paid to the Company's Retirement Fund Scheme on behalf of the employees to secure their retirement benefits. Superannuation costs are recognised as an expense in profit or loss as and when services are rendered by the employees.

(iii) Bonus plans

The Company and the Group pays bonuses to employees based on the performance of the Company and the Group and achievement of individual objectives by the employees as per their employment contracts. A provision is recognised when there is contractual obligation or where there is a past practice that has created a constructive obligation for bonuses to be paid.

3 SIGNIFICANT ACCOUNTING POLICIES (continued)

(k) Provisions

Provisions are recognised when there is a present legal or constructive obligation as a result of past events, it is probable that an outflow of resources will be required to settle the obligation and the amount has been reliably estimated. Provisions are not recognised for future operating losses.

(l) Dividends

Provision is made for the amount of any dividend declared, determined by the directors on or before the end of the financial year but not distributed at reporting date.

(m) Revenue from contracts with customers

Revenue is measured based on the consideration specified in a contract with a customer and excludes discounts and amounts collected on behalf of third parties. The Group and the Company recognises revenue when it transfers control over a product or service to a customer.

Nature and timing of satisfaction of performance obligations and significant payment terms

Electricity sales

There is an implied contract between a customer and the Group for the purchase, delivery, and sale of electricity. This represents a promise to transfer a series of distinct goods that are substantially the same and that have the same pattern of transfer to the customer. The customer obtains control of the good (electricity) when delivered over a period of time. Therefore, revenue is recognised over time as electricity is delivered to the customer.

Progress is determined based on the units sold/consumed. This provides a faithful depiction of the transfer of the good as the customer simultaneously receives and consumes the benefits provided by the Group's performance of the revenue contract.

The transaction price is determined based on rates approved by the Government of Tonga at the time the service had been rendered and units sold/consumed by the customers. The transaction price includes the non-refundable upfront fees as it is not considered to be a material right.

3 SIGNIFICANT ACCOUNTING POLICIES (continued)

(m) Revenue from contracts with customers (continued)

Nature and timing of satisfaction of performance obligations and significant payment terms (continued)

Electricity sales (continued)

Variable consideration is included in the transaction price only to the extent that it is 'highly probable' that a significant reversal in the amount of cumulative revenue recognised will not occur when the uncertainty associated with the variable consideration is resolved.

Gas sales

There is an implied contract between a customer and the Group for the purchase, delivery and sale of gas. This represents a promise to transfer goods. The customer obtains control of the good (gas) when delivered. Therefore, revenue is recognised at a point in time when the gas has been delivered to the customer.

(n) Deferred income

Property, plant and equipment acquired with the aid of specific grants are capitalised and depreciated in accordance with Note 4(b), with the related grant being credited to the Deferred income as a liability and released to profit or loss over the expected useful economic life of the related property, plant and equipment.

(o) Leases

The Group has applied IFRS 16 using the modified retrospective approach and therefore the comparative information has not been restated and continues to be reported under IAS 17 and IFRIC 4. The details of accounting policies under IAS 17 and IFRIC 4 are disclosed separately if they are different from those under IFRS 16 and the impact of changes is disclosed in Note 3.

Policy applicable from 1 July 2019

At inception of a contract, the Group assesses whether a contract is, or contains, a lease. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. To assess whether a contract conveys the right to control the use of an identified asset, the Group assesses whether:

- the contract involves the use of an identified asset – this may be specified explicitly or implicitly, and should be physically distinct or represent substantially all of the capacity of a physically distinct asset. If the supplier has a substantive substitution right, then the asset is not identified;
- the Group has the right to obtain substantially all of the economic benefits from use of the asset throughout the period of use; and
- the Group has the right to direct the use of the asset. The Group has this right when it has the decision-making rights that are most relevant to changing how and for what purpose the asset is used. In rare cases where the decision about how and for what purpose the asset is used is predetermined, the Group has the right to direct the use of the asset if either:
 - the Group has the right to operate the asset; or
 - the Group designed the asset in a way that predetermines how and for what purpose it will be used.

This policy is applied to contracts entered into, or changed, on or after 1 July 2019.

At inception or on reassessment of a contract that contains a lease component, the Group allocates the consideration in the contract to each lease component on the basis of their relative stand-alone prices. However, for the leases of land and buildings in which it is a lessee, the Group has elected not to separate non-lease components and account for the lease and non-lease components as a single lease component.

3 SIGNIFICANT ACCOUNTING POLICIES (continued)

(o) Leases (continued)

Policy applicable before 1 July 2019

For contracts entered into before 1 July 2019, the Group determined whether the arrangement was or contained a lease based on the assessment of whether:

- fulfilment of the arrangement was dependent on the use of a specific asset or assets; and
- the arrangement had conveyed a right to use the asset. An arrangement conveyed the right to use the asset if one of the following was met:
 - the purchaser had the ability or right to operate the asset while obtaining or controlling more than an insignificant amount of the output;
 - the purchaser had the ability or right to control physical access to the asset while obtaining or controlling more than an insignificant amount of the output; or
 - facts and circumstances indicated that it was remote that other parties would take more than an insignificant amount of the output, and the price per unit was neither fixed per unit of output nor equal to the current market price per unit of output.

i. As a lessee

Under IFRS 16 - from 1 July 2019

The Group recognises a right-of-use asset and a lease liability at the lease commencement date. The right-of-use asset is initially measured at cost, which comprises the initial amount of the lease liability adjusted for any lease payments made at or before the commencement date and plus any initial direct costs incurred and an estimate of costs to dismantle and remove the underlying asset or to restore the underlying asset or the site on which it is located, less any lease incentives received.

The right-of-use asset is subsequently depreciated using the straight-line method from the commencement date to the earlier of the end of the useful life of the right-of-use asset or the end of the lease term. The estimated useful lives of right-of-use assets are determined on the same basis as those of property and equipment. In addition, the right-of-use asset is periodically reduced by impairment losses, if any, and adjusted for certain remeasurements of the lease liability.

The lease liability is initially measured at the present value of the lease payments that are not paid at the commencement date, discounted using the interest rate implicit in the lease or, if that rate cannot be readily determined, the Group's incremental borrowing rate. Generally, the Group uses its incremental borrowing rate as the discount rate.

Lease payments included in the measurement of the lease liability comprise the following:

- fixed payments, including in-substance fixed payments;
- variable lease payments that depend on an index or a rate, initially measured using the index or rate as at the commencement date; and
- the exercise price under a purchase option that the Group is reasonably certain to exercise, lease payments in an optional renewal period if the Group is reasonably certain to exercise an extension option, and penalties for early termination of a lease unless the Group is reasonably certain not to terminate early.

The lease liability is measured at amortised cost using the effective interest method. It is remeasured when there is a change in future lease payments arising from a change in an index or rate, if there is a change in the Group's estimate of the amount expected to be payable under a residual value guarantee, or if the Group changes its assessment of whether it will exercise a purchase, extension or termination option.

3 SIGNIFICANT ACCOUNTING POLICIES (continued)

(o) Leases (continued)

i. As a lessee (continued)

Under IFRS 16 - from 1 July 2019 (continued)

When the lease liability is remeasured in this way, a corresponding adjustment is made to the carrying amount of the right-of-use asset, or is recorded in profit or loss if the carrying amount of the right-of-use asset has been reduced to zero.

The Group presents right-of-use assets and lease liabilities separately in the statement of financial position.

Under IAS 17 - before 1 July 2019

The determination of whether an arrangement is (or contains) a lease is based on the substance of the arrangement at the inception of the lease. The arrangement is, or contains, a lease if fulfilment of the arrangement is dependent on the use of a specific asset or assets and the arrangement conveys a right to use the asset or assets, even if that right is not explicitly specified in an arrangement.

Company as a lessee

A lease is classified at the inception date as a finance lease or an operating lease. A lease that transfers substantially all the risks and rewards incidental to ownership to the Company is classified as a finance lease.

Finance leases are capitalised at the commencement of the lease at the inception date fair value of the leased property or, if lower, at the present value of the minimum lease payments. Lease payments are apportioned between finance charges and reduction of the lease liability so as to achieve a constant rate of interest on the remaining balance of the liability. Finance charges are recognised in finance costs in the statement of profit or loss.

A leased asset is depreciated over the useful life of the asset. However, if there is no reasonable certainty that the Company will obtain ownership by the end of the lease term, the asset is depreciated over the shorter of the estimated useful life of the asset and the lease term.

An operating lease is a lease other than a finance lease. Operating lease payments are recognised as an operating expense in the statement of profit or loss on a straight-line basis over the lease term.

ii. As a lessor

The Group enters into lease agreements as a lessor with respect to a property to a related party.

Leases for which the Group is a lessor are classified as finance or operating leases. Whenever the terms of the lease transfer substantially all the risks and rewards of ownership to the lessee, the contract is classified as a finance lease. All other leases are classified as operating leases.

Rental income from operating leases is recognised on a straight-line basis over the term of the relevant lease. Initial direct costs incurred in negotiating and arranging an operating lease are added to the carrying amount of the leased asset and recognised on a straight-line basis over the lease term.

Amounts due from lessees under finance leases are recognised as receivables at the amount of the Group net investment in the leases. Finance lease income is allocated to accounting periods so as to reflect a constant periodic rate of return on the Group's net investment outstanding in respect of the leases.

When a contract includes lease and non-lease components, the Group applies IFRS 15 to allocate the consideration under the contract to each component.

3 SIGNIFICANT ACCOUNTING POLICIES (continued)

(p) Comparative figures

Where necessary, comparative figures have been adjusted to conform to changes in presentation in the current year, other than changes resulting from adoption of IFRS 16 as noted in note 3.

4 FAIR VALUE

"Fair value" is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date in the principal or, in its absence, the most advantageous market to which the Group has access at that date.

When available, the Group measures the fair value of an instrument using the quoted price in an active market for that instrument. A market is regarded as active if transactions for the asset or liability take place with sufficient frequency and volume to provide pricing information on an ongoing basis.

If there is no quoted price in an active market, then the Group uses valuation techniques that maximise the use of relevant observable inputs and minimise the use of unobservable inputs. The chosen valuation technique incorporates all of the factors that market participants would take into account in pricing a transaction.

The Company uses valuation techniques that are appropriate in the circumstances and for which sufficient data are available to measure fair value, maximising the use of relevant observable inputs and minimising the use of unobservable inputs.

The different levels have been defined as follows:

- Level 1 fair value measurement are those instruments valued based on quoted prices (unadjusted) in active markets for identical assets and liabilities.
- Level 2 fair value measurements are those instruments valued based on inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices).
- Level 3 fair value measurements are those instruments valued based on inputs for the asset or liability that are not based on observable market data (unobservable) inputs.

5 FINANCIAL RISK MANAGEMENT

The Company and Group's activities expose them to a variety of financial risks: market risk (including currency risk and interest rate risk), credit risk and liquidity risk. The Group's overall risk management program focuses on the unpredictability of financial markets and seeks to minimise potential adverse effects on financial performance.

Risk management is carried out by management who identify and evaluate financial risks. The Board provides direction for overall risk management covering specific areas, such as mitigating foreign exchange, interest rate, and credit risks, and investment of excess liquidity.

(a) Market risk

Market risk is the risk that changes in market prices, such as foreign exchange rates and interest rates will affect the Group's income or the value of its holdings of financial instruments. The objective of market risk management is to manage and control market risk exposures within acceptable parameters, while optimising the return.

Fair value interest rate risk arises from the potential for a change in interest rates to cause a fluctuation in the fair value of financial instruments. The objective is to manage the interest rate risk to achieve stable and sustainable net interest earnings in the long term. In managing this risk, the Group seeks to achieve a balance between reducing risk to earnings and market value from adverse interest rate movements, and enhancing net interest income through correct anticipation of the direction and extent of interest rate changes.

(i) Foreign exchange

Foreign exchange risk arises from recognised assets and liabilities that are denominated in a currency that is not the Group's functional currency. The Group is exposed to foreign exchange risk arising from various currency exposures, primarily with respect to the New Zealand (NZD) and American (USD) dollar. As a measure, prompt settlement of liabilities (and assets if necessary) is exercised by management to minimise the exposure to foreign exchange losses. As an additional measure, the Group negotiates competitive rates with its bankers to minimise losses and maximise gains when receipts and payments become due.

To determine the Group's sensitivity to foreign exchange risk, an implied volatility in exchange rates is calculated based on the maximum variation of month end spot rates from the average exchange rate in the year.

At 30 June 2022, the strengthening/weakening by 1% of the Pa'anga against the NZD and USD with all other variables held constant is expected to have minimal impact on the net profit and equity balances currently reflected in the Company and the Group's financial statements. Minimal asset and liability balances are maintained in foreign currencies, hence, there has been little sensitivity to movements in the NZD and USD.

(ii) Political climate

The Group operates in Tonga and changes to governments and the policies they implement affect the economic situation and ultimately the revenues of the Group. To address this, the Group reviews its pricing and service ranges regularly and responds appropriately.

5 FINANCIAL RISK MANAGEMENT (continued)

(a) Market risk (continued)

(iii) Cash flow interest rate risk

As the Group's interest bearing assets in the form of debt securities, are small relative to its operations, its cash flows are substantially independent of changes in market interest rates as they are at fixed rates.

The Group's interest bearing borrowings are in the form of long-term borrowing. The interest bearing borrowing is at a variable interest rate.

Given the fixed nature of interest rates described above, the Group has a high level of certainty over the impact on cash flows arising from interest income and expenses.

(b) Credit risk

Credit risk is the risk of financial loss to the Group if a customer or a counter party to a financial instrument fails to meet its contractual obligations and arises principally from the Group's receivables from customers.

The carrying amount of financial assets represents the maximum credit exposure.

The Group has no significant concentrations of credit risk. The Group does not have any policies that limit the amount of credit exposure to any one customer or group of customers.

Cash and cash equivalents

The Company held cash of \$(654,026) at 30 June 2022 (2021: \$1,269,963). The Group held cash of \$(4,965) at 30 June 2022 (2021: \$2,368,166). The cash are predominantly held with banks, which are rated Aa3, based on Moody's ratings. Impairment on cash has been measured on the 12 month expected loss basis and reflects the short maturities of the exposures. The Company and the Group considers that its cash have low credit risk based on the external credit ratings of the counterparties. Accordingly, due to short maturities and low credit risk, the Company and the Group did not recognise an impairment allowance against cash as at 30 June 2022 (2021: \$Nil)

Debt investment securities

The Company held debt investment securities of \$346,055 at 30 June 2021 (2021: \$339,936). The Group held debt investment securities of \$777,709 at 30 June 2022 (2022: \$764,243). As at 30 June 2022, the debt investment securities are predominantly held with banks which are rated AA3, based on Moody's ratings. Impairment on debt investment securities has been measured on the 12-month expected loss basis. The Company and the Group did not recognise an impairment allowance against debt investment securities as at 30 June 2022 (2021: \$Nil).

Expected credit loss assessment for trade receivables

The Group uses an allowance matrix to measure the ECLs of trade receivables from individual customers, which comprise a large number of small balances.

Loss rates are calculated using a 'roll rate' method based on the probability of a receivable progressing through successive stages of delinquency to write-off.

5 FINANCIAL RISK MANAGEMENT (continued)

(b) Credit risk (continued)

The following table provides information about the exposure to credit risk and ECLs for trade receivables from individual customers:

Group	Weighted - average loss rate	Gross carrying amount	Loss allowance	Credit impaired
		\$	\$	
30 June 2022				
1 to 30 days	11.97%	2,029,915	63,571	Yes
31 to 60 days	2.41%	1,196,767	12,772	Yes
61 to 90 days	9.91%	806,982	52,605	Yes
91 to 120 days	39.47%	528,884	209,607	Yes
Over 120 days past due	32.57%	162,458	172,922	Yes
		4,725,005	511,477	
Specifically assessed	3.67%		19,510	
		4,725,005	530,987	
30 June 2021				
1 to 30 days	1.93%	1,688,952	63,571	No
31 to 60 days	8.30%	476,506	12,772	Yes
61 to 90 days	38.01%	249,058	52,605	Yes
91 to 120 days	85.50%	335,670	209,607	Yes
Over 120 days past due	100.00%	304,861	172,922	Yes
		3,055,047	511,477	
Specifically assessed		(556,034)	19,510	
		2,499,013	530,987	
Company				
30 June 2022				
1 to 30 days	4.07%	1,940,027	19,816	Yes
31 to 60 days	2.62%	1,196,767	12,772	Yes
61 to 90 days	10.80%	806,982	52,605	Yes
91 to 120 days	43.02%	528,884	209,607	Yes
Over 120 days past due	35.49%	162,458	172,922	Yes
		4,635,117	467,722	
Specifically assessed	4.00%		19,510	
		4,635,117	487,232	
30 June 2021				
1 to 30 days	1.93%	1,610,677	19,816	Yes
31 to 60 days	8.30%	476,506	12,772	Yes
61 to 90 days	38.01%	249,058	52,605	Yes
91 to 120 days	85.50%	335,670	209,607	Yes
Over 120 days past due	100.00%	304,861	172,922	Yes
		2,976,772	467,722	
Specifically assessed		(556,034)	19,510	
		2,420,738	487,232	

Loss rates are based on actual credit loss experience over the past two years. These rates are multiplied by scalar factors to reflect differences between economic conditions during the period over which the historic data has been collected, current conditions and the Group's view of economic conditions over the expected lives of the receivables. Scalar factors are either based on actual and forecast GDP or inflation rates.

5 FINANCIAL RISK MANAGEMENT (continued)

(c) Liquidity risk

Liquidity risk is the risk that the Group will encounter difficulty in meeting the obligations associated with its financial liabilities that are settled by delivering cash or another financial assets. Prudent liquidity risk management implies maintaining sufficient cash and the availability of funding through an adequate amount of committed credit facilities. The Group's approach to managing liquidity is to ensure, as far as possible, that it will have sufficient liquidity and the availability of funding through committed credit facilities to meet its liabilities when they are due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the Group's reputation.

The following are the remaining contractual maturities of financial liabilities at the reporting date. The amounts are gross and undiscounted, and include estimated interest payments.

	Less than 1 year (\$)	Between 1 and 2 years (\$)	Between 2 and 5 years (\$)	Greater than 5 years (\$)	Contractual outflows (\$)	Carrying amount (\$)
Non-derivative financial liabilities						
Consolidated						
At 30 June 2022						
Borrowings	4,683,304	4,683,304	14,049,912	1,354,030	24,770,550	24,770,550
Trade and other payables	10,406,827				10,406,827	10,406,827
	<u>15,090,131</u>	<u>4,683,304</u>	<u>14,049,912</u>	<u>1,354,030</u>	<u>35,177,377</u>	<u>35,177,377</u>
At 30 June 2021						
Borrowings	4,437,207	4,437,207	13,311,621	4,809,109	26,995,144	26,995,144
Trade and other payables	8,724,584	-	-	-	8,724,584	8,724,584
	<u>13,161,791</u>	<u>4,437,207</u>	<u>13,311,621</u>	<u>4,809,109</u>	<u>35,719,728</u>	<u>35,719,728</u>
Company						
At 30 June 2022						
Borrowings	4,128,090	4,128,090	12,384,270	2,702,630	23,343,080	23,343,080
Trade and other payables	12,172,484				12,172,484	12,172,484
	<u>16,300,574</u>	<u>4,128,090</u>	<u>12,384,270</u>	<u>2,702,630</u>	<u>35,515,564</u>	<u>35,515,564</u>
At 30 June 2021						
Borrowings	4,128,090	4,128,090	12,384,270	4,951,429	25,591,879	25,591,879
Trade and other payables	10,565,100	-	-	-	10,565,100	10,565,100
	<u>14,693,190</u>	<u>4,128,090</u>	<u>12,384,270</u>	<u>4,951,429</u>	<u>36,156,979</u>	<u>36,156,979</u>

5 FINANCIAL RISK MANAGEMENT (continued)

(d) Capital risk management

The Group's objectives when obtaining and managing capital are to safeguard the Group's ability to continue as a going concern and to provide shareholders with a consistent level of returns. The Group monitors capital on the basis of the gearing ratio. This ratio is calculated as net debt divided by total capital. Net debt is calculated as total borrowings (including 'current and non-current borrowings' as shown in the statement of financial position) less cash and cash equivalents. Total capital is calculated as 'equity', as shown in the statement of financial position, plus net debt. The gearing ratio of the Company and the Group as at 30 June 2022 and 2021 is as follows:

	Consolidated		Company	
	2022	2021	2022	2021
	\$	\$	\$	\$
Total borrowings (Note 20)	24,770,550	26,995,144	23,343,080	25,591,879
Less: cash (Note 12)	(4,814)	2,368,166	(654,026)	1,269,963
Net debt	24,765,736	29,363,310	22,689,054	26,861,842
Total equity	61,775,195	61,328,582	60,771,806	59,511,967
Total capital	86,540,931	90,691,892	83,460,859	86,373,809
Gearing Ratio	28.62%	32.38%	27.19%	31.10%

6 REVENUE

Regulated revenue

Fuel	30,010,281	17,741,455	30,010,281	17,741,455
Non-fuel	28,454,913	27,831,914	28,454,913	27,831,914
GPO recovery	3,587,012	-	3,587,012	-
Gas	9,425,036	8,383,626	-	-
	71,477,242	53,956,994	62,052,206	45,573,368

Non-regulated revenue

Fees, upgrade and repairs	1,243,231	3,027,842	1,243,231	2,932,732
	1,243,231	3,027,842	1,243,231	2,932,732
	72,720,473	56,984,836	63,295,437	48,506,100

Disaggregation of revenue

In the following table, revenue from contracts with customers in the scope of IFRS 15 is disaggregated by location.

Tongatapu	64,290,645	48,735,253	56,665,282	41,875,498
Vava'u	5,464,988	5,491,774	4,079,139	4,245,068
Ha'apai	1,558,914	1,397,997	1,324,119	1,186,776
Eua	1,405,926	1,359,812	1,226,897	1,198,758
	72,720,473	56,984,836	63,295,437	48,506,100

7 OTHER INCOME

Release of deferred income (Note 25)	3,456,509	3,456,509	3,456,509	3,456,509
Government grant received	-	-	-	-
Dividend income	-	-	-	-
	-	-	-	-
Gain on disposal of property, plant and equipment	18,820	1,054,736	18,820	1,054,736
Sundry income	1,279,008	726,163	1,369,784	673,523
	4,754,338	5,237,407	4,845,113	5,184,767

	Consolidated 2022 \$	2021 \$	Company 2022 \$	2021 \$
8 NET FINANCE COSTS				
Interest income under the effective interest method	24,430	19,739	14,482	13,417
Total interest income arising from financial assets measured at amortised cost	24,430	19,739	14,482	13,417
Net foreign exchange gain	3,557	7,058	3,557	(9,007)
Finance income - other	3,557	7,058	3,557	(9,007)
Financial liabilities measured at amortised cost – interest expense (Note 21(b))	(1,056,260)	(1,253,012)	(1,005,327)	(1,190,936)
Interest expense - lease liabilities (Note 27)	(69,173)	(104,792)	(69,173)	(74,231)
Ineffectiveness of derivative financial instruments	-	-	-	-
Finance costs - other	(1,125,434)	(1,357,805)	(1,074,501)	(1,265,167)
Net finance costs recognised in profit or loss	(1,097,447)	(1,331,007)	(1,056,462)	(1,260,757)
9 PERSONNEL EXPENSES				
Key management personnel (Note 28(d))	1,422,857	1,686,539	1,266,857	1,292,330
Staff salaries and related expenses	7,242,022	5,130,965	6,151,359	4,711,601
Superannuation contribution	423,010	434,186	423,010	373,169
	9,087,889	7,251,690	7,841,226	6,377,100
10 (LOSS) / PROFIT BEFORE TAX				
(Loss) / Profit before tax has been determined after charging as expenses:	1,878,898	1,960,343	1,946,452	1,181,427
(a) Cost of sales				
Fuel cost	35,191,779	21,659,631	35,191,779	21,659,631
Renewable energy cost	953,325	852,723	953,325	852,723
Gas cost	7,164,897	5,446,267	-	-
Salaries and wages	5,130,788	4,135,500	5,130,788	4,135,500
Superannuation contribution	293,412	257,725	293,412	257,725
Third party costs	1,231,620	1,118,325	1,231,620	1,118,325
Maintenance costs	2,996,505	3,705,310	2,996,505	3,705,310
Supplies and consumables	76,868	94,322	76,868	94,322
Rent/ lease expenses	151,004	144,547	151,004	144,547
Other repairs	474,952	388,965	384,602	388,965
Depreciation of generation equipment	1,170,451	1,195,525	1,170,451	1,195,525
Other expenses	2,998,178	2,509,223	2,794,009	2,344,090
	57,833,778	41,508,064	50,374,362	35,896,664

	Consolidated 2022 \$	2021 \$	Company 2022 \$	2021 \$
10 (LOSS) / PROFIT BEFORE INCOME TAX (continued)				
<i>(b) Selling and distribution expenses</i>				
Media announcements	49,139	49,860	47,927	46,463
Loss on disposal of property, plant and equipment	-	-	-	-
Repairs and maintenance	68,231	126,467	-	-
Depreciation of distribution network	7,410,064	7,495,336	7,410,064	7,495,336
	<u>7,527,434</u>	<u>7,671,664</u>	<u>7,457,991</u>	<u>7,541,800</u>
<i>(c) Administrative and other expenses</i>				
Auditor's remuneration - audit services	47,917	109,500	42,000	87,995
Bank charges	64,298	86,636	64,298	83,462
Depreciation of property, plant and equipment	1,528,534	1,609,076	1,210,385	1,234,575
Depreciation of right-of-use assets	116,804	96,955	44,470	59,274
Amortisation of intangible assets	658,670	722,048	642,416	657,032
Electricity Commission fees	561,192	561,192	561,192	561,192
Impairment loss on investment in subsidiaries	-	-	-	-
Insurance	1,356,498	1,327,777	1,242,478	1,186,188
Directors' emoluments (Note 27(a))	343,374	383,811	180,515	226,956
Legal and professional fees	28,919	448,216	28,919	404,291
Repairs and maintenance	67,283	74,648	67,283	74,648
Salaries and wages	3,378,091	2,682,003	2,287,428	1,868,431
Superannuation contribution	129,599	176,461	129,599	115,444
Travelling expenses	59,978	30,091	59,978	30,091
Other expenses	796,099	1,024,502	744,324	802,390
	<u>9,137,254</u>	<u>9,332,916</u>	<u>7,305,283</u>	<u>7,391,969</u>
11 INCOME TAX				
<i>(a) Income tax expense</i>				
Current tax (benefit) / expense	1,272,476	879,816	1,194,148	679,366
Deferred tax benefit	(742,870)	(401,410)	(707,535)	(384,009)
Under/(over) provision in prior years	(63,194)	11,680	-	-
Income tax (benefit) / expense	<u>466,412</u>	<u>490,086</u>	<u>486,613</u>	<u>295,357</u>
<i>Prima facie income tax expense</i>				
Profit before tax	1,878,898	1,960,343	1,946,452	1,181,427
Prima facie income tax expense on operating profit at 25% (2021: 25%)	469,724	490,086	486,613	295,357
Permanent difference	-	-	-	-
Under/(over) provision in prior years	-	-	-	-
Deferred tax derecognised	-	-	-	-
Reversal of deferred tax derecognised previously	-	-	-	-
Income tax (benefit) / expense	<u>469,724</u>	<u>490,086</u>	<u>486,613</u>	<u>295,357</u>

	Consolidated 2022 \$	2021 \$	Company 2022 \$	2021 \$
11 INCOME TAX (continued)				
<i>(b) Current tax liability</i>				
Balance at the beginning of the year	(268,763)	(1,226,395)	(804,936)	(1,304,723)
Income tax paid	(110,348)	(68,915)	(58,937)	-
Current tax (benefit) / expense	1,104,946	879,816	1,194,148	679,367
(Over) / Under provision in prior years	(26,365)	146,731	36,829	(179,580)
Balance at the end of the year	<u>699,470</u>	<u>(268,763)</u>	<u>367,104</u>	<u>(804,936)</u>
<i>(c) Deferred tax liabilities</i>				
Property, plant and equipment	(6,737,405)	(7,520,161)	(6,614,305)	(7,356,122)
Asset revaluation reserve	(633,447)	(422,885)	(633,447)	(422,885)
Unrealised exchange gains	-	-	-	-
Right-of-use assets	(565,862)	(590,268)	(361,230)	(380,584)
	<u>(7,936,714)</u>	<u>(8,533,314)</u>	<u>(7,608,982)</u>	<u>(8,159,591)</u>
<i>(d) Deferred tax assets</i>				
Unrealised exchange losses	-	-	-	-
Investment in subsidiaries	-	-	-	-
Employee entitlements	62,755	62,747	75,410	51,808
Trade receivables	126,148	128,689	121,808	121,808
Lease liabilities	619,739	610,057	379,383	393,509
Intangible assets	387,656	419,925	387,656	203,377
	<u>1,196,298</u>	<u>1,221,418</u>	<u>964,257</u>	<u>770,502</u>
	Consolidated 2022 \$	2021 \$	Company 2022 \$	2021 \$
12 CASH				
Cash at bank	1,636,041	2,460,006	986,829	1,361,802
Cash on hand	<u>6,200</u>	<u>6,200</u>	<u>6,200</u>	<u>6,200</u>
Cash and cash equivalents ins statement of financial position	<u>1,642,241</u>	<u>2,466,206</u>	<u>993,029</u>	<u>1,368,002</u>
Bank Overdraft	(1,647,056)	(98,040)	(1,647,056)	(98,040)
Cash and cash equivalents in statement of cash flows	<u>(4,814)</u>	<u>2,368,166</u>	<u>(654,026)</u>	<u>1,269,963</u>

Financing facilities available to the Group at the end of the financial year consists of the following:

- overdraft facility of \$3 million with ANZ Banking Corporation at an interest rate of 9.5% per annum (2021: \$3 million at an interest rate of 9.5% per annum).

	Consolidated		Company	
	2022	2021	2022	2021
	\$	\$	\$	\$
13 TRADE AND OTHER RECEIVABLES				
Trade receivables	4,725,005	2,499,013	4,635,117	2,420,738
Impairment on trade receivables	(829,508)	(530,987)	(487,232)	(487,232)
	<u>3,895,496</u>	<u>1,968,026</u>	<u>4,147,884</u>	<u>1,933,506</u>
Prepayments	1,443,967	1,170,927	1,435,552	1,155,006
Accrued income	5,645,808	3,064,084	5,645,808	3,064,084
Receivable from subsidiaries (Note 28(c))	-	-	415,229	329,225
Receivable from WAL	-	10,860	-	10,860
Consumption tax receivable	589,569	263,103	589,569	263,103
Other assets	<u>1,588,470</u>	<u>1,185,541</u>	<u>1,581,815</u>	<u>1,185,541</u>
	<u>13,163,310</u>	<u>7,662,541</u>	<u>13,815,856</u>	<u>7,941,325</u>
14 INVENTORIES				
Fuel	1,224,115	687,045	1,224,115	687,045
Spares	407,200	478,598	407,200	478,598
Lubricant Oil	50,373	55,182	50,373	55,182
Gas and gas related products	<u>621,660</u>	<u>376,020</u>	<u>-</u>	<u>-</u>
	<u>2,303,347</u>	<u>1,596,844</u>	<u>1,681,687</u>	<u>1,220,824</u>
15 DEBT INVESTMENT SECURITIES				
Current				
ANZ Banking Corporation	777,709	764,243	346,055	339,936
Government bonds	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>777,709</u>	<u>764,243</u>	<u>346,055</u>	<u>339,936</u>
Non-current				
Government bonds	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

At reporting date, the Group held term deposits with ANZ Bank which attracted interest rate of 2% per annum (2021: 2% per annum).

	Consolidated		Company	
	2022	2021	2022	2021
	\$	\$	\$	\$
16 INTANGIBLE ASSETS				
Opening net book amount	1,680,760	2,386,804	717,322	1,374,354
Additions	33,996	16,004	-	-
Disposals	-	-	-	-
Amortisation charge	(658,670)	(722,048)	(642,416)	(657,032)
Closing net book amount	1,056,086	1,680,760	74,906	717,322
Computer software				
Cost	4,117,496	4,083,499	3,931,985	3,931,985
Accumulated amortisation	(4,024,846)	(3,366,176)	(3,857,078)	(3,214,663)
Net book amount	92,649	717,323	74,906	717,322
Goodwill				
Cost	963,437	963,437	-	-
Net book amount	963,437	963,437	-	-
Intangible assets	1,056,086	1,680,760	74,906	717,322

The carrying value of goodwill is in relation to the Company's investment in Tonga Gas Limited. The recoverable amount of the CGU was based on its value in use, determined by discounting the future cash flows to be generated from the continuing use of the CGU. The carrying amount of the CGU was determined to be lower than its recoverable amount of \$3,070,000. The key assumptions used in the estimation of value in use were as follows:

	2022
Discount rate	13%
Terminal value growth rate	2%
Budgeted EBITDA growth rate (average of next five years)	8%

The discount rate was a post-tax measure based on the rate of 30-year US government bonds issued by the government in the relevant market and adjusted for country risk and an inflation differential to reflect the same currency as the cash flows, further adjusted for a risk premium to reflect both the increased risk of investing in equities generally and the systematic risk of the specific CGU. The pre-tax discount rate was 17.54%.

Five years of cash flows were included in the discounted cash flow model. A long-term growth rate into perpetuity has been determined as the nominal gross domestic product (GDP) rates for Tonga.

Budgeted EBITDA was based on expectations of future outcomes taking into account past experience, adjusted for the anticipated revenue growth. Revenue growth was projected taking into account the average growth levels experienced over the past five years and the estimated growth for the next five years taking into account an estimate of the impact of COVID-19 as at reporting date.

Any adverse movement in a key assumption would lead to impairment.

17 PROPERTY, PLANT AND EQUIPMENT - CONSOLIDATED

	Generation Equipment \$	Distribution Network \$	Computer Equipment \$	Furniture & Fixtures \$	Tools & Equipment \$	Motor Vehicle \$	Land & Building \$	Capital WIP \$	Renewable Energy \$	Total \$
At 30 June 2020										
Cost or valuation	33,711,260	104,880,615	1,732,799	380,000	6,886,293	5,342,728	27,174,637	3,427,897	32,611,136	216,147,365
Accumulated depreciation	(15,447,713)	(30,743,494)	(1,249,521)	(310,545)	(5,030,898)	(4,227,642)	(2,597,240)	-	(7,141,126)	(66,748,179)
Net Book Amount	18,263,547	74,137,121	483,278	69,455	1,855,395	1,115,086	24,577,397	3,427,897	25,470,010	149,399,186
Year Ended 30 June 2021										
Opening net book amount	18,263,547	74,137,121	483,278	69,455	1,855,395	1,115,086	24,577,397	3,427,897	25,470,010	149,399,186
Additions	-	990,943	84,046	31,632	105,568	576,211	1,200,000	1,688,045	-	4,676,444
Transfers	-	-	-	-	-	87,653	-	(87,653)	-	-
Disposals	-	-	-	-	-	-	(1,445,264)	-	-	(1,445,264)
Depreciation expense	(1,195,526)	(6,145,437)	(166,178)	(33,338)	(332,276)	(517,492)	(559,792)	-	(1,349,899)	(10,299,938)
Closing net book amount	17,068,021	68,982,627	401,145	67,749	1,628,687	1,261,458	23,772,341	5,028,289	24,120,111	142,330,428
At 30 June 2021										
Cost or valuation	33,711,260	105,871,558	1,816,845	411,632	6,991,861	6,006,592	26,929,373	5,028,289	32,611,136	219,378,545
Accumulated depreciation	(16,643,239)	(36,888,931)	(1,415,699)	(343,883)	(5,363,174)	(4,745,134)	(3,157,032)	-	(8,491,025)	(77,048,117)
Net Book Amount	17,068,021	68,982,627	401,145	67,749	1,628,687	1,261,458	23,772,341	5,028,289	24,120,111	142,330,428
Year Ended 30 June 2022										
Opening net book amount	17,068,021	68,982,627	401,145	67,749	1,628,687	1,261,458	23,772,341	5,028,289	24,120,111	142,330,428
Additions	-	706,669	165,940	34,948	278,715	633,263	65,842	1,945,247	-	3,830,624
Transfers	527,020	-	-	-	-	-	-	(527,020)	-	-
Disposals	-	-	(1,193)	-	(1,119)	(310,496)	-	-	-	(312,808)
Depreciation expense	(1,170,452)	(6,060,165)	(155,494)	(25,277)	(313,398)	(158,024)	(565,845)	-	(1,349,899)	(9,798,554)
Closing net book amount	16,424,589	63,629,131	410,398	77,420	1,592,866	1,426,201	23,272,338	6,446,516	22,770,212	136,049,690
At 30 June 2022										
Cost or valuation	34,238,280	106,578,227	1,981,592	446,580	7,269,457	6,329,359	26,995,215	6,446,516	32,611,136	222,896,362
Accumulated depreciation	(17,813,691)	(42,949,096)	(1,571,194)	(369,160)	(5,676,572)	(4,903,158)	(3,722,877)	-	(9,840,924)	(86,846,672)
Net Book Amount	16,424,589	63,629,131	410,398	77,420	1,592,866	1,426,201	23,272,338	6,446,516	22,770,212	136,049,690

PROPERTY, PLANT AND EQUIPMENT - COMPANY

	Generation Equipment \$	Distribution Network \$	Computer Equipment \$	Furniture & Fixtures \$	Tools & Equipment \$	Motor Vehicle \$	Land & Building \$	Capital WIP \$	Renewable Energy \$	Total \$
At 30 June 2020										
Cost or valuation	33,711,260	104,880,615	1,568,676	360,178	1,418,600	4,739,937	25,412,213	3,427,897	32,611,136	208,130,512
Accumulated depreciation	(15,447,713)	(30,743,494)	(1,105,941)	(292,420)	(1,185,926)	(3,747,644)	(2,239,728)	-	(7,141,126)	(61,903,992)
Net Book Amount	18,263,547	74,137,121	462,735	67,758	232,674	992,293	23,172,485	3,427,897	25,470,010	146,226,520
Year Ended 30 June 2021										
Opening net book amount	18,263,547	74,137,121	462,735	67,758	232,674	992,293	23,172,485	3,427,897	25,470,010	146,226,520
Additions	-	990,943	53,257	30,593	52,629	524,951	1,200,000	1,688,045	-	4,540,417
Transfers	-	-	-	-	-	87,653	-	(87,653)	-	-
Disposals	-	-	-	-	-	-	(1,445,264)	-	-	(1,445,264)
Depreciation expense	(1,195,526)	(6,145,437)	(151,311)	(32,192)	(95,363)	(410,054)	(545,656)	-	(1,349,899)	(9,925,437)
Closing net book amount	17,068,021	68,982,627	364,681	66,159	189,940	1,194,843	22,381,565	5,028,289	24,120,111	139,396,236
At 30 June 2021										
Cost or valuation	33,711,260	105,871,558	1,621,933	390,771	1,471,229	5,352,541	25,166,949	5,028,289	32,611,136	211,225,665
Accumulated depreciation	(16,643,239)	(36,888,931)	(1,257,252)	(324,612)	(1,281,289)	(4,157,698)	(2,785,384)	-	(8,491,025)	(71,829,429)
Net Book Amount	17,068,021	68,982,627	364,681	66,159	189,940	1,194,843	22,381,565	5,028,289	24,120,111	139,396,236
Year Ended 30 June 2022										
Opening net book amount	17,068,021	68,982,627	364,681	66,159	189,940	1,194,843	22,381,565	5,028,289	24,120,111	139,396,236
Additions	-	706,669	159,518	32,391	202,231	627,741	46,903	1,945,247	-	3,720,700
Transfers	527,020	-	-	-	-	-	-	(527,020)	-	-
Disposals	-	-	-	-	-	(310,496)	-	-	-	(310,496)
Depreciation expense	(1,170,452)	(6,060,165)	(147,431)	(24,529)	(86,697)	(144,945)	(496,287)	-	(1,349,899)	(9,480,405)
Closing net book amount	16,424,589	63,629,131	376,768	74,021	305,475	1,367,143	21,932,181	6,446,516	22,770,212	133,326,035
At 30 June 2022										
Cost or valuation	34,238,280	106,578,227	1,781,451	423,162	1,673,461	5,669,786	25,213,852	6,446,516	32,611,136	214,635,870
Accumulated depreciation	(17,813,691)	(42,949,096)	(1,404,683)	(349,141)	(1,367,985)	(4,302,643)	(3,281,670)	-	(9,840,924)	(81,309,834)
Net Book Amount	16,424,589	63,629,131	376,768	74,021	305,475	1,367,143	21,932,181	6,446,516	22,770,212	133,326,035

TONGA POWER LIMITED AND SUBSIDIARY COMPANIES
NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2022

37

	Consolidated		Company	
	2022	2021	2022	2021
	\$	\$	\$	\$
18 TRADE AND OTHER PAYABLES				
Trade payables	6,602,865	3,627,988	6,249,256	3,028,704
Other payables and accruals	3,803,963	5,096,596	3,109,092	5,083,192
Related party payables (Note 28(c))	-	-	2,814,137	2,453,204
	<u>10,406,827</u>	<u>8,724,584</u>	<u>12,172,484</u>	<u>10,565,100</u>
19 EMPLOYEE ENTITLEMENTS				
Annual leave	356,945	234,756	301,639	207,233
Provision for bonus	-	-	-	-
	<u>356,945</u>	<u>234,756</u>	<u>301,639</u>	<u>207,233</u>
20 BORROWINGS				
a) Secured loans from ANZ Tonga				
Current	4,683,304	4,437,207	4,128,090	4,128,090
Non-current	20,087,246	22,557,937	19,214,990	21,463,789
Total	<u>24,770,550</u>	<u>26,995,144</u>	<u>23,343,080</u>	<u>25,591,879</u>
b) Reconciliation of movements of liabilities to cash flows arising from financing activities				
Balance at the beginning of the year	26,995,144	31,270,229	25,591,879	29,593,469
Proceeds from borrowings	892,080	-	892,080	-
Repayment of borrowings	(3,116,674)	(4,275,085)	(3,140,879)	(4,001,590)
Interest expense	1,056,260	1,253,012	1,005,327	1,190,936
Interest capitalised to property plant and equipment	-	-	-	-
Interest paid	(1,056,260)	(1,253,012)	(1,005,327)	(1,190,936)
Balance at the end of the year	<u>24,770,550</u>	<u>26,995,144</u>	<u>23,343,080</u>	<u>25,591,879</u>

c) Securities

The borrowings for the Group are secured by the following:

Tonga Power Limited borrowings

- First Registered Mortgage over leasehold property at Popua, Lease no. 8159 plus all improvement thereon
- First Registered Mortgage over leasehold property at Matatua, Lease no. 8684 plus all improvement thereon
- First Registered Mortgage Debenture over all assets and undertakings of Tonga Power Limited
- First Registered Mortgage Debenture over all assets and undertakings of Homegas Limited
- First Registered Mortgage Debenture over all assets and undertakings of Tonga Gas Limited
- Cross Guarantee between Tonga Power Limited, Homegas Limited and Tonga Gas Limited
- Deed of assignment over Electricity Concession Contract
- Script lien over 100% shares of Tonga Power Limited over Homegas Limited

Tonga Gas Limited borrowings

- First Registered Mortgage Debenture over all assets and undertakings of Tonga Gas Limited
- First Registered Mortgage Debenture over all assets and undertakings of Homegas Limited
- First Registered Mortgage over leasehold property at Toulaki, Ma'ufanga, Lease no. 2821A
- First Registered Mortgage over leasehold property at Toulaki, Vava'u, Lease no. 8137
- Cross Guarantee between Tonga Power Limited, Homegas Limited and Tonga Gas Limited

20 BORROWINGS (continued)

c) Securities (continued)

Borrowings contain the following covenants which the Group and the Company is not being in compliance with:

- Annual Audited Financial Statements as requested by ANZ as soon as they are available, but not later than 120 days after end of each financial year;
- Cash Flow Projection and/or Budgets with assumptions for the next 12 months as requested by ANZ as soon as they are available, but not later than 30 days after end of each financial year;
- Annual CAPEX plan to be provided as soon as they are available but not later than 60 days of each financial year end on the account of Tonga Power Limited; and
- Should the dividend paid be above the level of 50% of Net Profit After Tax, ANZ consent for the payment of such dividend is not required but a Review Event will be triggered should the dividend exceed the stated 50% level without any prior consultation by the Borrower with the Bank.

There is no impact of the noncompliance on these consolidated financial statements as the borrowings do not contain any noncompliance clauses. Subsequent to yearend, management advised ANZ of the noncompliance. On 4 March 2021 ANZ granted an extension to the Group and the Company until 2 April 2021 to comply with the non-financial covenants.

e) Terms of the borrowings

	Interest rate	Monthly repayment	Maturity
Tonga Power Limited borrowing			
Loan 1	4.00%	72,506	April 2027
Loan 2	4.00%	80,048	April 2028
Loan 3	4.00%	30,078	April 2028
Loan 4	4.00%	80,904	May 2029
Loan 5	4.00%	62,257	May 2029
Loan 6	4.25%	18,215	April 2034

	Consolidated		Company	
	2022	2021	2022	2021
	\$	\$	\$	\$
21 SHARE CAPITAL				
<i>(a) Authorised capital</i>				
1,031 ordinary shares at \$32,768 each	33,783,595	33,783,595	33,783,595	33,783,595
<i>(b) Issued and paid-up capital</i>				
Ordinary shares of 1,031 at \$32,768 per share, fully paid	33,783,595	33,783,595	33,783,595	33,783,595

	Consolidated		Company	
	2022	2021	2022	2021
	\$	\$	\$	\$
22 PROVISION FOR DIVIDEND				
Balance at the beginning of the year	-	-	-	-
Dividend declared	200,000	1,000,000	200,000	1,000,000
Dividend paid	(200,000)	(1,000,000)	(200,000)	(1,000,000)
Dividend converted to grant	-	-	-	-
Balance at the end of the year	-	-	-	-

During the year, the Company declared a dividend of \$200,000 (2021: \$1,000,000) at the rate of \$194 (2021: \$970) per share. In 2021, dividend payable of \$1,000,000 was recognised as income in the statement of comprehensive income, and utilised to settle the dividend declared.

23 ASSET REVALUATION RESERVE				
Balance at the beginning of the year	9,525,181	9,946,305	9,525,181	9,946,305
Depreciation of buildings	(69,467)	(69,467)	(69,467)	(69,467)
Depreciation of distribution network	(351,657)	(351,657)	(351,657)	(351,657)
Balance at the end of the year	9,104,057	9,525,181	9,104,057	9,525,181

Asset revaluation reserve consists of fair value gains arising from the revaluation of the Company's Distribution Networks and revaluation of land and buildings. The difference between the depreciation based on the revalued carrying amount charged to profit or loss and depreciation based on the assets original costs for the year was \$421,124 (2021: \$421,124). This difference was transferred from the asset revaluation reserve to retained earnings.

	Consolidated		Company	
	2022	2021	2022	2021
	\$	\$	\$	\$
24 DEFERRED INCOME - DONATED ASSETS				
Balance at the beginning of the year	51,969,269	55,425,778	51,969,269	55,425,778
Additions	-	-	-	-
Amounts released to other income	(3,456,509)	(3,456,509)	(3,456,509)	(3,456,509)
Balance at the end of the year	48,512,760	51,969,269	48,512,760	51,969,269
Disclosed in the financial statements as follows:				
Current	3,456,509	3,456,509	3,456,509	3,456,509
Non-current	45,056,250	48,512,760	45,056,250	48,512,760
	48,512,760	51,969,269	48,512,760	51,969,269

Deferred income consists of grants in relation to capital expenditure projects and fixed assets acquired from donors.

	Consolidated		Company	
	2022	2021	2022	2021
	\$	\$	\$	\$
25 INVESTMENT IN SUBSIDIARIES				
Homegas Limited	-	-	642,531	642,531
Tonga Gas Limited	-	-	2,953,163	2,953,163
	-	-	3,595,694	3,595,694

25 INVESTMENT IN SUBSIDIARIES (continued)

	Consolidated		Company	
	2022	2021	2022	2021
	\$	\$	\$	\$
Balance at the beginning of the year	-	-	3,595,694	3,595,694
Additional investment in subsidiary	-	-	-	-
Impairment of investment	-	-	-	-
Balance at the end of the year	-	-	3,595,694	3,595,694

	Ownership interest		Place of incorporation	Place of business
	2022	2021		
Subsidiary entities				
Homegas Limited	100%	100%	Tonga	Tonga
Tonga Gas Limited	100%	100%	Tonga	Tonga

Dividends receivable from Tonga Gas Limited of \$Nil (2021: \$nil) was converted into shares.

26 LEASES

	Consolidated		Company	
	2022	2021	2022	2021
	\$	\$	\$	\$
A. As a Lessee				
Rights-of-use assets				
Balance at 1 July 2021	2,660,846	2,799,703	1,522,337	1,623,513
Depreciation charge for the year	(116,804)	(96,955)	(44,470)	(59,274)
Disposals		(41,902)	(32,948)	(41,902)
Balance at 30 June 2022	2,544,042	2,660,846	1,444,919	1,522,337
Lease Liabilities				
Maturity analysis – contractual undiscounted cash flows				
Less than one year	158,830	158,830	90,730	90,730
One to five years	703,420	718,551	362,920	378,051
More than five years	4,595,218	4,703,666	2,782,405	2,873,135
Total undiscounted lease liabilities at 30 June 2022	5,457,468	5,581,047	3,236,055	3,341,916
Lease liabilities included in the statement of financial position at 30 June 2022:				
Current	42,890	55,357	22,441	35,030
Non-current	2,647,510	2,713,004	1,495,089	1,539,005
	2,690,400	2,768,361	1,517,530	1,574,035
Amounts recognised in profit or loss				
Interest on lease liabilities	87,346	104,792	69,173	74,231
Depreciation on ROU Assets	116,804	96,955	44,470	59,274
	204,150	201,748	113,643	133,505
Amounts recognised in the statement of cash flows				
Total cash outflow for leases	(91,098)	(68,598)	(78,695)	(51,698)

B. As a Lessor

The Company leases its office space to its related party, Tonga Gas Limited for a term of 30 years. The annual rent receivable from Tonga Gas Limited is \$46,800.

Lease income from lease contracts in which the Company acts as a lessor is as below.

	Company	
	2021	2022
	\$	\$
Operating lease	46,800	46,800
Lease income	46,800	46,800

26 LEASES (continued)

	Company 2022	2021
	\$	\$
B. As a Lessor (continued)		
Maturity analysis – contractual undiscounted cash flows		
Within one year	46,800	46,800
Later than one year but not later than five years	187,200	187,200
Later than five years	1,357,200	1,357,200
Total undiscounted lease payments	<u>1,591,200</u>	<u>1,591,200</u>

27 RELATED PARTIES

(a) Transactions with directors

The following were directors of the Company at any time during the financial year and up to the date of signing of the financial statements:

Mr. Tapu Panuve	Appointed on 1-Mar-2022
Hon. Lasike	Appointed on 1-Mar-2022
Mr. Saimone Helu	Appointed on 1-Mar-2022
Mr. Malu Takai	Appointed on 1-Mar-2022
Dr. Tevita Tukunga	Appointed on 1-Mar-2022
Mr. Sosaia Penitani	Appointed on 1-Mar-2022
Mr. Daniel Hamala	Resigned on 28-Feb-2022
Mr. Soane Kautai	Resigned on 28-Feb-2022
Mrs. Seinimili Fonua	Resigned on 28-Feb-2022
Mr. 'Isileli Putu	Resigned on 28-Feb-2022
Mrs. Pisila 'Otunuku	Resigned on 28-Feb-2022
Dr. 'Aisake Valu Eke	Resigned on 31-Aug-2021
Mr. 'Ipollito Lasalo	Resigned on 31-Aug-2021
Mr. Tevita Putoka	Resigned on 31-Aug-2021

	Consolidated 2022	2021	Company 2022	2021
	\$	\$	\$	\$
Directors' emoluments	<u>343,374</u>	<u>383,811</u>	<u>180,515</u>	<u>226,956</u>

(b) Transactions with Government Ministries and other State Owned Enterprises

The Company is wholly owned by the Government of Tonga. The Company has transactions with the Government, and other government-related entities, including but not limited to sales and purchases of goods and ancillary materials, rendering and receiving services, lease of assets, and use of public utilities.

	Company 2022	2021
	\$	\$
(c) Transactions with subsidiaries		
<i>Transactions during the year</i>		
Sale of electricity	22,041	19,057
Service fee income	6,000	6,000
Other expenses	<u>-</u>	<u>-</u>

Balances as at year end

Amounts receivable from related parties

<i>Other receivable</i>		
Tonga Gas Limited	<u>415,229</u>	<u>329,225</u>

TONGA POWER LIMITED AND SUBSIDIARY COMPANIES
NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2022

42

27 RELATED PARTIES (continued)

	Company	
	2022	2021
	\$	\$
(c) Transactions with subsidiaries (continued)		
Amounts payable to related parties		
<i>Other payable</i>		
Tonga Gas Limited	2,814,137	2,453,204
Homegas Limited	-	-
	<u>2,814,137</u>	<u>2,453,204</u>

(d) Key management personnel

Key management personnel are those persons having authority and responsibility for planning, directing, and controlling the activities of the entity, directly or indirectly, including any director (whether executive or otherwise) of that entity.

In addition to the directors, during the year the executives identified as key management personnel, with the greatest authority and responsibility for planning, directing and controlling the activities of the Group included the Chief Executive Officer, Risk and Compliance Manager, Power Generation Manager, Network Asset Manager, Manager Distribution Network, Finance Manager, Project Manager, Administration Manager, General Manager-Operations and the Strategic Development Manager.

	Consolidated		Company	
	2022	2021	2022	2021
	\$	\$	\$	\$
Short term remuneration	<u>1,422,857</u>	<u>1,686,539</u>	<u>1,266,857</u>	<u>1,292,330</u>

28 CONTINGENT LIABILITIES

The directors of the Company are not aware of any contingent liabilities as at 30 June 2022 (2021: Nil).

29 CAPITAL COMMITMENTS

Capital commitments

Contractual commitments in respect of capital expenditure which has been approved by the Board of Directors is as follows.

Capital commitments	<u>9,751,439</u>	<u>10,512,077</u>	<u>9,718,000</u>	<u>10,275,313</u>
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30 EVENTS SUBSEQUENT TO BALANCE DATE

Subsequent to year end, the Board of Tonga Gas Limited has provided Tonga Power Limited an unconditional right to defer payment of \$2,814,137 outstanding as at 30 June 2022 (see note 27(c)) for at least 12 months after 30 June 2022.

Other than this, there has not arisen in the interval between the end of the year and the date of this report any item, transaction or event of a material and unusual nature likely, in the opinion of the Directors, to affect significantly the operations of the Group and the Company, the results of those operations or the state of affairs of the Group and the Company in subsequent years.



TONGA POWER LTD

2022

Lipooti FAKATAÚ

FAKA'UHILA E LANGA FAKALAKALAKA
TU'U LOA MA'AE FONUA

☎ 21400

📍 Matatoa Taufua'ahau Road, Poutaha

🌐 www.tongapower.to



KANOTOHI

Fekau'aki mo e kautaha	3
TOHI KI HE MINISITA	5
Ngaahi lavame'a tefito (2021/2022)	6
NGAAHI NGAUE LALAH	9
LIPOOTI 'A E SEA MOE PULE LAHI	17
FAKAMA'OPO'OPO 'O E 2022	23
Tafa'aki pa'anga mo e Retail	27
Tafa'aki ki he kaungaue	32
Fo'u mo e fakatupu 'o e ma'u'anga 'uhila	42
VAA TUFaki	49
Tafa'aki fakalakalaka fakangaue	53
NGAAHI POLOSEKI LALAH	60
TAFa'AKI 'ENISINIA	67
NGAAHI LAO, TU'UTU'UI NGAUE MO E & FAKA'ATAKAI	72
Fakahoa - Ngaue ki he Palani	77
Fakamatala Pa'anga	79

FEKAU'AKI MO E KAUTAHA

Na'e fokotu'u 'a e sekitoa 'uhila 'a Tonga 'i he 2008 hiliange hono fokotu'u 'e he Pule'anga 'a e Komisoni 'Uhila (Electricity Commission, EC) fakatatau ki he Lao 'Uhila 2007, pea fakatau mai 'a e koloa mo e naunau 'uhila mei ha kautaha taautaha.

Koe ngaahi fatongia 'o e Komisoni 'Uhila 'oku kau ai hono pule'i a e totongi 'uhila, fokotu'u 'a e tu'unga fakangaue ki he hao mo e malu 'a e kau ma'u 'uhila mo e kau ngaue faka'uhila, laiseni 'a e kau ngaue faka'uhila pea fa'u 'a e tu'utu'uni ki he ngaue faka'uhila lalahi. 'Oku fakamalumu hono fakalele 'a e Kautaha 'Uhila 'a Tonga ki he fa'unga ngaue 'oku fusia'u hono tokanga'i 'o fakatatau ki he Aleapau Felotoi Faka-'Uhila (Electricity Concession Contract (ECC)) 'a ia 'oku fengau'e'aki vaofi ai 'a e Komisoni 'Uhila, Pule'anga mo e Kautaha 'Uhila (TPL) ki he totongi 'uhila, me'afua ke ne sivi 'a e tu'unga lelei 'o e fakahoko fatongia mo e tu'unga 'oku 'i ai 'a e fakahoko fatongia ki he kau ma'u 'uhila mo e ngaahi tautea.

'Oku 'i ai pe 'a e Konisitutone 'a e Kautaha 'Uhila 'oku fakalele'aki 'o fakatatau ki he Lao ki he ngaahi Kautaha Pisinisi 'a e Pule'anga 2002, 'a ia 'oku ne tuku mai 'a e ngaahi founa ngaue ke ne faka'ai'ai e ngaue fakapisinisi 'a e ngaahi kautaha pisinisi 'a e Pule'anga. Na'e fokotu'u 'a e kautaha mo ha Poate Talekita Tau'ataina 'oku fili 'e he Pule'anga mei he ngaahi sekitoa fakakomesiale 'i Tonga ni. Ko e ngaahi taumu'a ngaue lalahi 'a e kautaha ko hono:

- 1) Fakahaofi ha 50% 'o e lolo tisolomei hono ngaue'aki 'a e Ma'u'anga Ivi Fakanatula 'i he 2025 ke a'usia 'a e taketi 'a e TERM pea holoki mo e totongi 'uhila.
- 2) Ngaue'aki e tekinolosia ke ne pule'i 'a e ngaahi faingata'a tupu mei ha kaha'u 'oku fakakomipiuta hono ngaahi polokalama mo fakafo'ou fakamoveteve.
- 3) Fakalelei'i 'a e netiueka pea fetongi moe me'angaue kuo motu'a kae hiki'i hake 'a e tu'unga malu, lelelange mo falala'anga 'a e 'uhila 'oku tufaki.
- 4) Faka'ai'ai 'a e malu e 'ataakai mei ha fakatu'utamaki ke fakasi'isi'i ha fakatamaki 'e hoko ki he kakai mo e kau ngaue.
- 5) Fakalakalaka'i 'emau founa ngaue fakapisinisi ke fakafiemalieange ki he kau kasitoma/kautaha 'i he taimi tatau ke poupu'i ha timi ngaue mo'uilelei mo taau.
- 6) Pule'i lelei 'a e ma'u'anga pa'anga mei tu'a ke lava 'o fakalahi 'a e mahu'inga 'o e ma'u 'inasi.

Ko e fatongia fakapisinisi tefito 'o e Kautaha 'Uhila 'a Tonga ko hono fa'u, tufaki mo fakatau 'a e ma'u'anga ivi 'uhila 'i he fa'unga ngaue faka'uhila 'e fa 'i Tonga ni ki he kau ma'u 'uhila 'e ua mano faafe tupu, kau ai hono fakatau atu 'o e kasa 'i he va'a ngaue 'a e

kautaha koe Tonga Gas. 'Oku toe fakahoko 'e he Kautaha mo e aleapau ngaue faka'uhila ki he ngaahi laine 'a e kau ma'u 'uhila taautaha.

Ko e totongi 'uhila 'oku ngaue'aki ki he kau ma'u 'uhila 'oku fakatefito 'i he lolo mo e konga 'oku 'ikai felave'i mo e lolo. Ko e konga 'o e totongi 'oku felave'i mo e lolo 'oku feliliuaki fakatatau ki he fakafuofua 'o e totongi lolo 'i he kaha'u, lahi e 'uhila 'oku fiema'u mo e totongi fakafoki 'o ha totongi lolo na'e hulu pe si'isi'i ki mu'a atu. Ko e konga 'o e totongi 'uhila 'oku 'ikai felave'i mo e lolo 'oku ala liliu fakatatau ki he hikihihi 'o e totongi koloa.

KO 'ETAU VISIONE

Ke faka'uhila e langa fakalakalaka tu'uloa ki hotau fonua mo hotau kakai.

KO 'ETAU MISIONA

Ke fa'u mo tufaki ha ma'u'anga ivi 'oku malu, pau, tu'uloa pea mo fe'unga ki hotau ivi fakapa'anga, ki he kakai Tonga, 'o a'u ki he 50% 'o e ivi 'uhila mei he ma'u'anga ivi fakanatula 'i he 2025 lolotonga 'a e fakafiemalie 'a e tu'unga fakapa'anga.

NGAAHI ME'A MAHU'INGA

- Talitali kakai lelei
- Poupou'i hono ngaue'aki e tekinolosia fo'ou
- 'Ulungaanga taliui
- Fa'a fokotu'utu'u fakakaukau lelei
- Faitotonu
- Fakalele 'a e kautaha 'o hange ko ha'ate kautaha
- Lelei ki he timi, lelei ki he kautaha

TOHI KI HE MINISITA

27 'Epeleli 2023

'Eiki Palemia moe Minisita ki he Ngaahi Pisinisi 'a e Pule'anga
Nuku'alofa.

'Eiki Palemia,

Lipooti Fakata'u 'a e Kautaha 'Uhila 2022

'Oku ou faka'apa'apa mo fiefia ke fakahoko atu 'a e Lipooti Fakata'u 'a e Kautaha 'Uhila 'a Tonga ki he ta'u 2022. 'Oku fakaha atu 'i he Lipooti Faka-ta'u 'a e Kautaha 'a e fakamatala fakaikiiki 'o 'ene fakahoko fatongia 'o fakatatau ki he Kupu 19 'o e Lao ki he Ngaahi Pisinisi 'a e Pule'anga 2002.

'Oku hoko atu 'a e ngaue 'a e Kautaha 'Uhila ke fakakakato hono ngaahi fatongia ki he ola lelei hono fakalele mo tokanga'i 'a e 'Uhila.

'Oku houna ki he Kautaha 'Uhila 'a Tonga 'a e ngaahi tokoni mo e poupou 'a e Pule'anga 'oku fakafou 'i he laine 'uhila, 'a ia ko e kau ma'u 'uhila taautaha kotoa pe 'oku a'u ki he kilouati e 150 ki he houa 'a e 'uhila 'oku ne ngaue'aki,

'oku holoki 'a e tu'unga totongi 'uhila talu mei 'Epeleli 2022 ki he taimi ni pea mo e kau ma'u 'uhila taautaha kotoa pe 'oku a'u ki he kilouati 'e 100 ki he houa 'a e 'uhila 'oku ne ngaue'aki na'e totongi 'a e \$100 'i Fepueli 2022 ki he tokotaha kotoa 'i he 'osi pe 'a e faingata'a 'o Hunga Tonga Hunga Ha'apai.

'Oku ou fakafofonga'i atu 'a e kau memipa kotoa pe 'o e kautaha 'i he fakamalo ki he Pule'anga 'i he kei hokohoko atu 'a e poupou mo e tokoni mai. 'Oku mau 'amanaki ki ha ngaahi poupou tatau 'i he 2022 mo e kaha'u foki.

Faka'apa'apa atu,



Tapu Panuve

(Sea 'a e Poate 'o e Kau Talekita)

NGAAHI LAVAME'A TEFITO (2021/2022)

Taumu'a Ngaue ki he Kaha'u	Me'afua ki he taketi fakata'u	Taketi	'Avalisi Fakata'u
Fakahaofi 50% 'o e lolo tisolo mei he Mau'anga Ivi Fakanatula 'i he 2025 ke a'usia 'a e taketi 'a e TERM pea holoki 'a e totongi 'uhila.	Lolo 'oku fetongi (%)	➤ 54%	➤ 11.27%
Ohi e tekinolosia ke ne pule'i 'a e ngaahi faingata'a tupu mei ha kaha'u 'oku fakakomipiuta'i mo fakafo'ou fakamovetevete.	Mole 'i he sisitemi (%)	➤ 10	➤ 9.5
	Lolo 'oku ngaue'aki (kWh/L)	➤ 4	➤ 3.9
Fakalelei'i 'a e netiueka pea fetongi 'a e naunau kuo motu'a ke hiki hake 'a e tu'unga malu, lelei mo falala'anga e ivi 'uhila 'oku tufaki.	Falala'anga (SAIDI Mins)	➤ <850	➤ 3970
	Lahi e mate'uhila (Mate 'aupito)	➤ <3	➤ 84
	Louti/ 'avalisi 'o e uta	➤ >58%	➤ 78%
		➤ >30%	➤ A'usia

	Lelei 'o e Ngaahi tulenisirooma		
Faka'ai'ai 'a e malu e 'ataakai mei ha fakatu'utamaki ke fakasi'isi'i ha fakatamaki 'e hoko ki he kakai mo e kau ngaue.	Lahi e fakatamaki kuo lipooti mai Lahi e ngaue fakaangaanga ki ha fakatu'utamaki 'i he ta'u Tesi e ngaahi palani fakatamaki	➤ >175 ➤ 2 ➤ 90%	➤ 20 ➤ 1 ➤ 50%
Fakalakalaka'i 'emau founga ngaue fakapisinisi ke fakafiemalieange ki he kau kasitoma/kautaha 'i he taimi tatau ke poupou'i ha timi ngaue mo'uilelei mo taau.	Pule'i mo tokanga'i e kau ngaue (%) Tu'unga fiemalie e kau kasitoma Lahi e 'atita fakalotofale fakata'u % 'o e ako 'a e kaungaue	➤ >90% ➤ Fakalaka'aki 10% ➤ 3 ➤ 25%	➤ 99.47% ➤ 'Ikai a'usia ➤ 2 ➤ 9%

Pule'i lelei 'a e ma'u'anga pa'anga mei tu'a ke lava 'o fakalahi 'a e mahu'inga 'o e ma'u 'inasi.	Pa'anga Humai Tupu haohaoa	➤ \$51milion ➤ \$4.0milion	➤ \$68.1milion ➤ \$TOP1.5milion
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NGAAHI NGAUE LALAH

- Ko e tupu haohaoa fakaangaanga hili hono to'o 'a e tukuhau fe'unga mo e 1,459,839 (2020/21: Tupu Haohaoa - \$886,070). Ko e fakalaka 'i he tupu fakata'u ne kaunga tonu pe ki he tupu lahi 'a e fika 'o e tupu mei he totongi 'uhila kaunga ki he lolo ne tupu 'aki 'a e peseti 'e 69 ki he \$30,010,281
- Na'e tupu 'a e tokolahi e kau ma'u 'uhila 'aki 'a e 2.15% mei he toko 25,292 'i Sune 2021 ki he toko 25,837 'i Sune 2022. 'I he'ene a'u ki he faka'osinga 'o Sune 2022 na'e 'i ai e kau kasitoma mei he: Ngaue fakapinisi 'e toko 4,872 (18.9%) mo e ngaahi 'api taautaha 'e toko 20,965 (81.10%). Na'e hiki hake 'a e lahi e fiema'u 'uhila 'aki 'a e 3.3% mei he 'iuniti 'e 67.3 miliona 'i he faka'osinga 'o Sune 2021 ki he 'iuniti 'e 69.5 miliona 'i he faka'osinga 'o Sune 2022.
- Ko e tokolahi fakakatoa 'a e kau kasitoma na'e lekooti 'enau faka'eke'eke ki he 'ofisi na'e hiki hake mei he took 1,924 'i he ta'u kuo 'osi ki he toko 1,556 'i he faka'osinga 'o e ta'u ni. Ko e tupu lahi ko 'eni makatu'unga 'i he lahi e ta'efiemalie 'a e kakai ki he tu'unga 'o 'enau 'uhila 'i he 'osi 'a e pa 'a e mo'ungaafi 'i Sanuali 'o e ta'u ni.
- Ko e lahi fakakatoa 'a e ngaahi maumau mo e mate 'a e 'uhila na'e lekooti 'e he Va'a Launga na'e holo 'aki 'a e 30% mei he maumau mo e mate fakakatoa 'e 3,442 'i he ta'u fakapa'anga 2021 ki he 2,386 'i he faka'osinga 'o Sune 2022.
- Ko e totongi 'uhila na'e \$0.8071 ki he kilouati 'i he houa 'i he kamata'anga 'o e ta'u fakapa'anga 2021/22, pea hiki hake ki he \$0.8412 ki he kilouati 'i 'Okatopa 21 pea toe hiki ai ki he \$0.9712 ki he kilouati 'i 'Epeleli 22, 'a ia na'e tali ai 'e he Ma'u 'Inasi ke tokoni \$0.1791 ki he kilouati koe tokoni 'a e Pule'anga ki he kau ma'u 'uhila kotoa 'oku nau ngaue'aki 'a e 'uhila 'o fe'unga mo e kilouati 'e 150 pe si'isi'i ange he mahina. Ko e hiki hiki ko'eni 'i he totongi 'uhila 'oku fakatupunga pe mei he hiki hiki 'a e totongi lolo lolotonga 'a e ta'u. Ne toe

tokoni 'a e Pule'anga 'i Fepueli 2022 'aki hono fakahu atu 'a e \$100 ke tokoni ki he mo'ua 'uhila 'a e kau ma'u 'uhila kotoa pe 'i Tongatapu mo Vava'u.

- 'I Sune 2022, na'e fe'unga fakakatoa 'a e kau ngaue tu'uma'u 'a e Kautaha mo e toko 233, kau ngaue lau 'aho 'e toko 32 'a ia ko e kau ngaue fakakatoa 'e toko 265, ko e hiki 'aki 'eni mei he kau ngaue 'e toko 263 mei he ta'u kimu'a.
- Ko e tu'unga hono pukepuke 'o e kau ngaue na'e fe'unga mo e 99.97% 'o fakatatau ki he taketi fakata'u ko e 5%, lolotonga koia koe tu'unga fetongitongi 'o e kaungaue na'e 'i he 0.44% 'o fakatatau ki he taketi fakata'u ko e peseti 'e 5.
- Na'e kakato 'a hono ako'i 'a e meimei peseti 'e 68 'o 'emau kaungaue lolotonga 'a e ta'u 'o fakatatau ki he taketi fakata'u ko e peseti 'e 25.
- Ko e peseti fakakatoa 'e 94 'o e kaungaue na'e kakato 'a hono sivi'i fakata'u 'o e tu'unga 'enau ngaue 'o fakatatau ia ki he taketi fakata'u koe laka hake 'i he peseti 'e 70, koe peseti 'e 64 'o e kau ngaue ne fakalaka e faifatongia he tu'unga totonu ke 'i ai e fakahoko fatongia pea ko e peseti ai 'e 30 ne nau a'usia e tu'unga ma'olunga 'aupito 'o e fakahoko fatongia 'o fakatatau ki he fiema'u fakangaue.
- Ne kakato e ngaue 'a e Tafa'aki ki he Kaungaue ki hono fakama'opo'opo mo fakatatau 'e Ngaahi Tu'utu'uni Ngaue Kotoa 'a e Ngaahi Kautaha 'a e Pule'anga 'a ia na'e fakahu atu 'eni ki he Potungaue 'i he 'aho 31 Ma'asi 2021.
- Ko e lahi fakakatoa 'a e ivi 'uhila (fa'u mei he tisololo mo e ma'u'anga ivi fakanatula) na'e ngaue'aki 'i he ngaahi motu 'e 4 'i he'ene a'u ki he faka'osinga 'o Sune 2022 ko e kikauati 'e 77.2 (GWh) 'i he houa, ko e 'alu hake ia mei he 74.9 GWh 'i he ta'u 2021. Fakakatoa 'o e ivi 'uhila kuo tuku mai, ko e 69.5GWh na'e tohi mo'ua ki he kakai pea ko e ivi 'uhila kuo mole he laini mo ngaue'aki ki

hono fakalele 'o e ngaahi naunau 'Uhila mei he falemisini koe 2.1 GWh (2.72%) and 5.6 GWh (6.76%) fakatou'osi.

- Ko e lahi fakakatoa e ivi 'uhila ne fa'u mei he ma'uanga ivi fakanatula 'i he ta'u fakapa'anga 2021/22 ko e mekauati 'e 7,269 'i he houa, ko e holo ia 'aki 'a e 15.9% mei he mekauati 'e 8,642 'i he ta'u 2020/21. Ko e peseti 'o e ma'u'anga ivi fakanatula ki hono fakahoa ki he fakakatoa 'o e ma'u'anga ivi 'uhila 'i Tonga ni katoa ko e peseta 'e 9.4.
- Na'e laka hake 'i he ngaahi ngaue lalahi 'e 2,065 na'e fakafuofua 'e he timi palani ke fakahoko 'i he ta'u ni.
- Na'e laka hake 'i he ngaahi fo'i maama hala (LED) 'e 700 tupu na'e fokotu'u 'i he ngaahi 'otu motu 'e 4 'i he ta'u ni.
- Na'e holo mo hono hoko e 'uhila ki he kau kasitoma mei he mei he 758 ki he 617, he na'e 'i ai 'a e tokanga mavahe 'a e Kautaha ki he tu'unga malava mo e fakapa'anga ke a'u atu 'a e fakahoko ki ha toe kau ma'u 'uhila 'oku tokolahi ange.
- Ko e taimi ke fakahoko ha ngaue ki hano taki ha 'uhila fo'ou mo fakamahu'inga ha ngaue faka'uhila na'e a'usia kotoa 'i he lolotonga 'o e ta'u 'a ia ko e 'aho ngaue 'e 2.38 pea mo e 'aho ngaue 'e 3.8 fakatou'osi.
- Ko e ngaue ki hono fakama'a 'o e efu mei he pa 'o e mo'ungaafi mei he HTHH ki ngaahi Pou volota ma'olunga 'e 4,000+, ngaahi fo'i maka tulenisifoma mo e kamosi 'e 400+ pea mo hono fakalelei 'o e netiueka 'i he ngaahi feitu'u kotoa na'e uesia he mo'ungaafi tautefito ki he ngaahi matatahi 'o e Vahe Hihifo, Nuku'alofa pea mo 'Eua.
- Ko e lahi fakakatoa 'a e mole 'i he sisitemi ngaue faka'uhila 'i he kuliti 'e 4 'o e 'otu motu na'e holo mei he 11.3% 'i he 2014 ki he 9.5% 'i he faka'osinga 'o Sune

2022. Ko e mole fakakatoa ki he laini 'i hono fakahoa ki he mole ki he sisitemi na'e holo lahi mei he 9.0% 'i he 2014 ki he 6.7% 'i he faka'osinga 'o Sune 2022.

- Ko e ngaue ki he Sola 6MW IPP 'oku ofi ki he peseti 'e 90 pea kakato, ko e taimi ki hono huufi 'oku fetongi mai mei 'Okatopa ki Tisema 'a ia ne fakafuofua 'e kakato kiai mo palani ke huufi kiai ka koe'uhi pe ko e finangalo mo e faka'amu 'o 'ene 'Afio ke toki huufi ki Tisema. 'Oku mau kei tatali ki ha 'aho pau ke huufi kiai.
- Ko e TREP 'Eua and Vava'u Solar 650KW 'oku 'i he peseti 'e 85 pea kakato 'a ia 'oku faka'amu pe ke kakato mo e ngaue ko 'eni ki he faka'osinga 'o e ta'u.
- Ko e ongo foi sisitemi maka fo'ou (6MW Load Shifting BESS ki Matatoa & 6MW Stabilising BESS ki Popua) 'oku fakafuofua ki he peseti 'e 90% pea mo e 100% fakatou'osi.
- Ko e ngaue ki hono fakalelei 'o e netiueka ki Nuku'alofa (Nuku'alofa Upgrade Project Area 3) 'oku ofi ki he peseti 'e 82% pea kakato 'i he'ene a'u mai ki he faka'osinga 'o 'Akosi 2022 pea 'oku palani ke kakato ki he faka'osinga 'o e ta'u.
- Ko e ngaue ki he fakalelei 'o e netiueka ki Vava'u (OIREP Vava'u Network upgrade PHASE 3) 'oku fakafuofua ke kakato ki he faka'osinga 'o Tisema 2022 (55% laine volota ma'olalo ke fakalelei, 35% laini sevesi ke fakalelei pea mo e 95% laini volota ma'olunga ke fakalelei).
- Na'e kei hokohoko atu 'a hono tokonia he tafa'aki 'Enisinia 'a e Kautaha 'a e Ngaahi tafa'aki kehekehe 'o e Kautaha ki hono 'omai ha ngaahi founa faka'ekonomika ki he ngaahi palopalema fakatekinikale 'o hange ko 'enau tokoni ki he Va'a Tufaki 'o e Kautaha ki hono fetongi 'o e ngaahi tulenisifooma tukuhake, ko e poupou ki he tafa'aki ki he ngaahi maumau faka'uhila mo ha ngaahi maumau 'ikai ke fa'a hoko ki he laini 'uhila, ko e ngaahi ngaue ki he

feto'aki 'i he malohi 'a e 'uhila, ngaahi tokoni ki he tafa'aki ma'u'anga ivi fakanatula, ko e kaiha'a 'uhila 'o fakafou 'i he mita 'uhila, ko e hulu 'o e laine ke fakapapau'i 'oku 'ikai ke mama 'a e 'uhila pea moe ngaahi ngaue kehekehe pe.

- Ko e tafaaki Strategic Development 'o e Kautaha na'e kei hokohoko atu 'a hono tukuatu 'a e ngaahi ongoongo pea mo e ngaahi fakatokanga he founa kehekehe ki he kakai 'o e fonua 'o fakafou he ngaahi founa kehekehe pe kau kiai 'a e ngaahi fekau 'oku tukuatu 'i he telefoni to'oto'o, ko e ngaahi polokalama letio mo e ngaahi polokalama fakatalanoa hangatonu moe kakai he letio, ko e ngaahi fanongonongo ke kei pukepuke 'a e 'ilo 'a e kau ma'u 'uhila kotoa 'a e Kautaha 'Uhila 'o fekau'aki mo e ngaahi ongoongo fekau'aki mo e Kautaha 'Uhila 'o hange ko e tamate 'a e 'uhila, ko e ngaahi launga 'a e ma'u 'uhila pea mo e ngaahi ngaue kotoa ki hono tamate 'o e 'uhila tupunga mei he fakasi'isi'i 'o e uta 'uhila mo e ngaahi me'a kehekehe pe.
- Ko e timi Strategic na'e toe fakafatongia 'aki 'a hono muimui'i 'o e ngaahi kole tokoni mo e ngaahi fiema'u vivili ki he ngaahi Tokoni 'a ia ne 'osi palomesi ke foaki mai ki he Kautaha kae malava ki he Kautaha ke a'usia 'e ne tefito'i taumu'a ngaue 'a hono a'usia 'o e a'usia 'a e 50% 'o e Ma'u'anga Ivi mei he Ivi fakanatula ki he 2025. Ko e ngaahi poloseki kuo 'osi fakamohe mei 'ulu 'oku kau kiai 'a e Me'afua Tapili 'oku 'amanaki ke fokotu'u ki 'Eua, koe totongi 'uhila ki he fanga ki'i ma'u'anga 'uhila tufaki iiki, pea mo e Ako ki hono fakasi'isi'i 'o e ma'u'anga ivi fakanatula mei he laini pe kuliti.
- Na'e toe malava 'a e timi ke nau tokanga ki hono toe hiki'i hake 'a e ngaahi ngaue ki hono fakalelei'i 'a e ngaahi tefito'i fatongia ki he ngaahi lipooti lalahi 'a e Kautaha 'o hange ko e Palani Ngaue 'a e Kautaha pea toe pehe foki ki hono fa'u 'o ha ngaahi lipooti fakaloto ngaue ke lipooti ai 'a e ngaue 'oku fai, ke tokoni ki he ngaahi lipooti 'oku 'ave ki he ki he Poate mo e ngaahi sino 'oku lipooti ki ai 'a e ngaue 'a e Kautaha 'Uhila.

PULE LELEI

Neongo 'a e ngaahi uesia tamaki 'o e puna 'a e mo'ungaafi 'i Sanuali 2022 pea mo e kei hokohoko atu 'a e ngaahi palopalema 'o e mahaki fakamamani lahi 'o e koviti 19, ne kei hokohoko atu 'a e tokanga mavahe 'a e Kautaha ki hono fakaivia 'a e ngaahi fatongia ki he Pule Lelei lolotonga 'o e ta'u ke fakapapau'i 'oku fenapasi pea mo e ngaahi me'a mahu'inga ki he Kautaha, ko e angamaheni mo e ngaahi taumu'a 'o e Kautaha. 'Oku tokanga 'a e Kautaha ki hono ngaahi fatongia tefito ke tukuatu ha fakamatala 'i he taimi 'oku fiema'u ai pea mo ha fakamatala 'oku tonu fekau'aki mo e tu'unga fakapa'anga 'a e Kautaha mo 'ene faifatongia pea pehe foki ke muimui ki he Tu'utu'uni 'a e Pule Lelei 'a ia oku tohi'i 'i he ngaahi tu'utu'uni ngaue mo e Lao.

Poate 'o e Kau Talekita

Ko e fatongia tefito 'o e Poate 'a e kau Talekita ko hono fakahoko e ngaue fakataki 'oku ola lelei mo e tu'utu'uni fakapotopoto ke paotoloaki 'a e mahu'inga tu'uloa 'a e kautaha ki he kau ma'u 'inasi mo e ngaahi kupu fekau'aki. 'Oku tokanga'i 'e he Poate 'a e ngaahi ngaue kotoa 'a e Kautaha pea ke fai 'e he kau talekita kotoa honau tukuingata ki hono fakalele 'a e kautaha 'aki 'a e fakamaau totonu mo tau'atina, pea fai mo 'ene tu'utu'uni ki he lelei fakalukufua 'a e kautaha.

'Oku kau 'i he fatongia 'o e Poate hono fokotu'u 'a e halafononga ke tonu mo taau mo e faitu'utu'uni mei 'olunga pea ke fakapapau'i 'oku ngaue'i 'e he Kautaha 'a e fa'unga pule lelei ke a'usia ha ola 'oku lelei mo ha fakalakalaka 'oku tu'uloa.

'I he ta'u 2022, ko e fakataha Poate kotoa 'e 13 pea ko e ma'u fakataha 'a e memipa takitaha 'oku ha atu 'i he tepile 'i lalo. 'I he 'aho faka'osi 'o Sune 2022, ko e fa'unga 'o e Poate 'oku ha atu 'i lalo fakataha pea mo e ma'u fakataha 'o e kau Talekita 'o e Poate:

Talekita	Siulai 2021 – Sepitema 2021	Ma'u fakataha
Dr. 'Aisake Eke	Sea 'o e Poate	3
'Ipolito Lasalo	Tokoni Sea	3
John Paul Chapman	Talekita	Fakafisi 30 Sune 2021
'Isileli Pulu	Talekita	3
Tevita Puloka	Talekita	3
Seinimili Fonua	Talekita	3
Lord Lasike	Talekita	3
Talekita	Sepitema 2021 – Fepueli 2022	Ma'u fakataha
Lord Lasike	Sea 'o e Poate	3 (Sept - Nov 2021)
Isileli Pulu	Talekita	6
Seinimili Fonua	Talekita	6
Soane Kautai	Sea Le'ole'o (kamata mei Tisema 13 2021)	6
Saimone Helu	Talekita	6
Daniel Hamala	Talekita	6
Pisila 'Otunuku	Talekita (fili he 15/10/21)	5
Talekita	Fepueli 2022 ki he taimi ni	Ma'u fakataha
Tapu Panuve	Sea 'o e Poate	4
Lord Lasike	Tokoni Sea	4
Maliu Takai	Talekita	4
Sosaia Penitani	Talekita	4
Saimone Helu	Talekita	4
Tevita Tukunga	Talekita	4

Komiti si'i 'a e Poate

Ko e ngaahi komiti si'i 'a e Poate na'e fo'u pea fakakaku kiai 'a e memipa mei he Poate ke tokoni 'i he ngaahi fatongi fale'i:

- Komiti si'i ki hono vakai'i 'o e ngaahi monu'ia 'a e kaungaue (Remuneration Review Committee)
- Komiti Pa'anga mo e 'Atita (Finance and Audit Committee)

Ko e ngaahi komiti si'i ko 'eni ne fakangata 'enau faifatongia ki Novema 'o e tau 2022 'i he fetongi 'o e Poate Motu'a ki he Poate fo'ou.

Tu'utu'uni Ngaue fakatefito 'i he Pule Lelei

'Oku hokohoko atu 'a e ngaue 'a e kautaha ke fokotu'u 'a e ngaahi tu'utu'uni ngaue fakatefito 'i he pulu lelei ke fakapapau'i 'oku tukupa kotoa 'a e kau ngaue mo e poate ki he ngaahi kaveinga ngaue mahu'inga fekau'aki mo e pulu lelei ke fenapasi mo e leleitaha 'i he fakahoko ngaue. Ko e ngahi tu'utu'uni koia 'oku kau ai 'a e:

1. Tu'utu'uni ki he 'ulungaanga 'a e kau Talekita
2. Tu'utu'uni Ngaue fekau'aki mo e fepaki 'a e ngaahi fiema'u 'a e Poate
3. Tu'utu'uni Ngaue fakatonutonu pe fakalelei'i e ngaahi lekooti
4. Tu'utu'uni ngaue 'a e kau ngaue 'a e kautaha

LIPOOTI 'A E SEA MOE PULE LAHI



Ko e ta'u fakapa'anga 2022 koe ta'u ne fo'ou hono ngaahi pole ki he Kautaha pea mo e Tonga kotoa. Ko e uesia fakalilifu 'o e puna 'a e mo'ungaafi pea mo e efu ne to ki he Fonua mei he fakatamaki ko 'eni, ko e taha ia 'o ha a'usia fakangalongata'a ki he Tonga kotoa he na'e po'uli tu'u e fonua mei he mate kotoa 'a e ma'u'anga 'uhila lolotonga 'o e po'uli hifo 'o e 'aho 15 Sanuali 2022, hoko ai 'ikai ke 'iai ha 'uhila 'i ha ngaahi 'aho ki he ngaahi 'api lahi pea mo e ngaahi 'api ne tafia 'osi 'e he Peau Kula.

Ko e kolo 'e taha ki he fakahihifo 'o Tongatapu pea mo ha ngaahi motu 'i he 'otu Motu Ha'apai mo 'Eua ne tafia kakato 'i he Peau Kula fakalilifu ko 'eni 'o tafia 'a e lahitaha 'o e ngaahi pou 'uhila 'a e Kautaha, ko e ngaahi mita 'uhila pea pehe foki ki he ngaahi laini uaea 'uhila. Ne ngaue 'osikiavelenga 'a e kaungaue 'i he po'uli mo e 'aho ke fufulu 'a e efu mei he ngaahi laini 'uhila, ko e efu 'i he ngaahi la'i penolo sola pea pehe foki ki he ngaahi naunau faka'uhila kotoa kimu'a pea nau toki ngaue ki hono fakamo'ui 'o e ma'u'anga 'uhila ki he ngaahi 'api nofo'anga he ko e toki fekuki 'eni 'a e Kautaha mo ha fakatamaki pehe ni.

'I he taimi tatau, ne kei hokohoko atu 'a e uesia 'a hono tatapuni 'o e kau 'a fonua, pehe foki ki he ta'ota'ofi 'o e fefolau'aki, ko e tauhi 'o e vamama'o pea mo e fakangatangata 'o e fefononga'aki 'i he fonua koe'uhi ko e malu moe hao 'a e mo'ui 'o e kakai, ko e pole lahi 'eni ki he Kautaha. 'Oku mau polepole 'aki 'a e ivi malava 'a e Kautaha ke tau'i e ngaahi pole mo e ngaahi fakatamaki ko 'eni 'i he taimi ko e kau ma'u 'uhila, 'oku nau fakafalala kia kimautolu, mo 'enau ngaahi fiema'u vivili. Ko e ngaahi tu'unga ta'eta'epau mo veiveiua ne hoko mei he ngaahi fakatamaki ni 'oku ne toe fakamanatu mai 'a e mahu'inga 'o 'emau ngaahi sevesi ke fakahoko 'i he taimi pehe ni.

Ko e uesia mei he puna 'a e mo'ungaafi mei Hunga Tonga Hunga Ha'apai pea mo e Koviti 19 ne uesia ai mo e anga hono ngaue'aki he kau ma'u 'uhila 'enau 'uhila he lolotonga 'o e ta'u. Tupunga mei he lokoloka 'o e fefononga'aki 'i Fepueli 2022, ne ha mai 'a e toe ma'olunga ange 'a hono ngaue'aki 'o e 'uhila ki he mahina ko Fepueli 2022 koe'uhi ne nofo ma'u 'a e famili kotoa 'i honau takitaha 'api 'i he uike kakato 'e ua pea kau foki kiai mo 'emau kau ngaue tukukehe ange 'a e kaungaue 'i he fakatamaki mei he Falemisini pea pehe ki he kaungaue ki he laini 'a ia ne kei fiema'u ke nau kei ngaue pe ke tali 'a e ngaahi fiema'u vivili 'a e kakai he taimi ko 'eni. Ne toe hoko 'eni ko ha pole lahi ki he Kautaha koe'uhi koe feinga 'a e Kautaha ke kei fakaulo 'a e 'uhila ki he fonua pea mo kei tanaki ha pa'anga ki hono fakalele 'o e Kautaha. Tupunga mei he 'ikai lava ke lau e ngaahi mita koe'uhi koe lokoloka, ne fai leva 'a hono faka'avalisi 'o e mo'ua 'uhila 'a e kau ma'u 'uhila ki he mahina ko Sanuali 2022 koe'uhi na'e 'ikai ke ngaue 'a e sisitemi mita simaati pea pehe foki ki he 'ikai ke lava atu e kau lau mita ke fai hano lau 'o e ngaahi mita 'uhila ko e lokoloka. Ne hoko 'a hono faka'avalisi 'o e mo'ua 'uhila ke ne fakatupunga ha longoa'a lahi 'i he fonua he na'e toe ma'olunga mo e ngaahi mo'ua 'uhila 'a e kakai 'i he vaha'a taimi ko'eni. Ko e kau ma'u 'uhila ne 'i ai e kau ma'u 'uhila ne meimei liunga ua e mo'ua 'uhila, liunga tolu e ni'ihii, ne 'i ai mo e ngaahi mo'ua ne hala pea ko e tokolahi taha ne tonu pe 'enau mo'ua 'uhila. Neongo ne fai e ngaahi polokalama fetalanoa'aki he leito pea mo e televisone ke fakama'ala'ala e ngaue ne fakahoko pea pehe ki he hiki ma'olunga 'a e ngaahi mo'ua 'uhila ki he tokolahi pea moe ngaue ne fai ki he mo'ua 'o Fepueli, ne kei ta'e fiemalie pe 'a e tokolahi 'o e kau ma'u 'uhila.

Ne 'omai e tu'utu'uni mei he Pule'anga koe'uhi ko e lahi 'a e ta'efiemalie he kakai 'o e fonua ke fakafoki kotoa (reverse & rebill) 'a e totongi mo'ua ki he ngaahi mo'ua ne fu'u lahi hono faka'avalisi pea ko e ngaahi mo'ua ne si'isi'i hono faka'avalisi mei he tu'unga totonu 'o 'enau mo'ua fakamahina ke 'oua toe fai ha ngaue kiai. 'I he'ene a'u mai ki he 'aho ni, ko e tokosi'i pe 'o e kau ma'u 'uhila 'oku nau kei ta'efiemalie ki he ngaue kuo fai he Kautaha. Ne fai e fengaue'aki vaofi pea mo e Kautaha Itron Ltd, ko e kautaha 'oku nau pule'i 'a e Sisitemi Mita Simaati, koe

kautaha Agility, 'oku nau tokanga'i 'a e Ngaahi mo'ua ke fakapapau'i ko e palopalema ne hoko he'ikai ke toe hoko ke fakafehu'ia 'e he kakai 'o e fonua 'a e fakahoko fatongia 'oku fai 'i he Kaha'u.

Neongo kotoa 'a e ngaahi palopalema ni, ko hono ngaue'aki 'o e 'uhila pea mo e tu'unga fakapa'anga 'a e Kautaha na'e 'i he tu'unga fakafiemalie pe. Ko e koloa 'a e kautaha 'a ia 'oku fakafuofua ki he **\$156.7 miliona** fakahoa ki he **\$157.7 miliona** 'i he 2021, ko e fakamo'oni ia ki he tokanga taha 'a e Kautaha ki he'ene ngaahi ngaue mahu'inga mo e visone **"Ke faka'uhila 'a e Langa fakalakalaka tu'uoloa ma'a hotau fonua"** ke fakapapau'i 'oku mateuteu 'a e ngaahi netiueka mo e ngaue faka'uhila ki he kaha'u. 'Oku mau fakamalo'ia 'a e Ma'u 'Inasi ko e ngaahi tokoni moe poupou lolotonga 'a e ta'u kau kiai 'a hono totongi 'a e \$100 ki he tokotaha ma'u 'uhila kotoa pe lolotonga 'a e mahina ko Fepueli 2022 pea pehe foki ki he tokoni 'a e Pule'anga na'e tukumai 'i 'Epeleli 2022 ki he kotoa 'a e kau ma'u'uhila ke fakafepaki'i 'a e nunu'a 'o e hikihihi 'a e totongi lolo.

'Oku kei polepole 'a e Kautaha 'Uhila 'i hono tefito'i fatongia ko e tufaki 'o e 'uhila ki he ngaahi 'otu motu 'e fa 'o Tonga, pea koe sino 'oku ne fakahoko e ngaue ki he ngaahi poloseki kotoa ki he ma'u'anga ivi. Mei hono talitali 'o e kakai 'i he houa 'e 24 he 'aho, 'aho 'e fitu he uike pea fungani 'aki 'a hono talitali lelei mo e malimali 'a e fatongia 'oku mau fakahoko.

Ko e ta'u kuo maliu atu ko e ta'u mo'umo'ua 'a e Kautaha 'i he kei hokohoko atu 'a hono teke 'a e ngaahi taumu'a fisifisimu'a 'oku fakaha mai 'i he Tonga's Sustainable Development Goals mo e Nationally Determined Contribution for Renewable Energy pea mo nofotaha 'a e tokanga ki he ngaahi taumu'a tefito 'a e fakahoko fatongia ke fakapapau'i 'a e tu'unga malu, falala'anga pea mo e fe'unga 'a e fakahoko fatongia ko e kongia 'o 'emau ngaahi taumu'a 'oku 'osi fakapapau'i, pea mo fakapapau'i ko 'emau ngaahi me'angaue 'oku fakahoko lelei e ngaue ki he lelei 'o e kau ma'u 'uhila.

Ko e Kautaha 'Uhila na'e kei hokohoko atu hono fakahoko 'o fakatatau ki he polokalama ngaue pea mo kei hokohoko atu hono fakahoko 'a e ngaahi fiema'u kehekehe 'a e Ma'u 'Inasi pehe ki he fetongitongi 'a e Kau Talekita 'i he feliliuaki 'a e Pule'anga 'o kau kiai mo e uesia 'i he mahaki fakamamani lahi 'o e Koviti 19 pea pehe foki ki he uesia 'o e pa 'a e mo'ungaafi Hunga Tonga Hunga Ha'apai.

Ne a'usia ha ngaahi taumu'a fisifisimu'a 'o hange ko e ongo poloseki ki he **Tonga Renewable Energy Project (TREP)** pea mo e **Nukuálofa Network Upgrade Project (NNUP)** lolotonga koia 'oku siofi mo e ngaahi feliliuaki 'i he 'ataakai.

Neongo e toloi 'i he taimi 'o e ngaahi poloseki lahi 'a e Kautaha, ne kei malava pe 'a e timi ke kumi ha founa ke kei hokohoko atu pe 'a e ngaahi poloseki lahi ke kei a'usia pe 'a e taumu'a mo e faka'amu 'a e Poate pea pehe ki he Ma'u 'Inasi.

Ne fakahoko 'a e ngaahi taki 'uhila fo'ou fe'unga hono lahi mo e 617 (758 'i he 2021) pea mo hono ngaue'i 'a e ngaahi ngaue fe'unga mo e \$9 miliona ke fakapapau'i ko e fakahoko fatongia ke kei hokohoko lelei atu ki he kaha'u. Ko e makatu'unga 'eni he palani ngaue ta'u 5 fe'unga mo e \$46 miliona 'oku kaunga tonu ki hono fakafo'ou 'o e ngaahi me'angaue kuo motu'a, pea mo malava ke matu'uaki 'a e fakalalakaka ki he fonua mo e nga'unu ki ha Tonga 'oku ma'a ange. 'Oku hokohoko atu 'a e nga'unu 'a e Kautaha mo 'ene ngaahi me'angaue ke matu'uaki 'a e ngaahi me'angaue fo'ou hange ko e lvi mei he Havili, lvi mei he La'a pea mo e ngaahi sistemi maka fakatupunga ivi lolotonga koia 'oku tauhi 'a e ngaue lelei 'a e ngaahi misini senoleita fakatupu ivi 'uhila.

Ko e fiema'u taki 'uhila fo'ou ne 'i he tu'unga fakafiemalie, 'o 'avalisi 22% 'a e tupu ki he ta'u fakakatoa ki he kau kasitoma 'e 25,837 (25,292 'i he 2021) 'i he ngaahi 'otu motu kotoa 'o Tonga. Neongo 'a e fakatamaki 'o e Koviti 19, ne hiki hake 'a e fiema'u 'aki 'a e 3.3%. Ko e malu, ko hono tukuatu ha ngaahi polokalama 'oku lelei pea mo fakaivia 'o e kaungaue 'e toko 266, ne mahu'inga 'aupito ki he Kautaha pea mo e Ma'u 'Inasi, pea ne fai e tokanga lahi ki he ngaahi tafa'aki ko 'eni lolotonga 'o e ta'u.

I he tu'unga fakapa'anga, ne a'usia 'a e tupu 'osi tukuhau'i ka ne toe tokoni pe 'a e Ma'u 'Inasi 'o toe fakafou mai lolotonga 'a e mahina ko 'Epeleli 2022, ko e ngaahi tokoni ki he totongi 'uhila ke holoki, ko hono toe siofi 'o e ngaue pea mo fakalelei 'a e mo'ua.

Ko e ngaue ki he taumu'a 'oku tonu na'e malava 'i hono fakaivia 'o e va fengaue'aki mo e fefalala'aki pea mo e Ma'u 'Inasi, ko e ngaahi Sino Tokoni, ko e kakai 'o e fonua ke fakapapau'i ko e fua fatongia 'oku fakalaka he taumu'a. Ko e ngaahi uestia 'o e fakatamaki 'o e mo'ungaafi mo e Koviti 19 'oku ne toe fakamanatu mai 'a e mahu'inga ange 'o e fua fatongia ki he kakai 'o e fonua. Ko e ngaahi sino fengaue'aki mo e kaungaue ne nau ngaue 'osiklavelenga ki hono pukepuke 'o e 'uhila 'i he vaha'a taimi koia, tautefito ki he ngaahi pisinisi mo e kakai ne nau falala ki he ngaue 'oku fakahoko. Ko e sino 'o e lipooti ni 'oku toe fakaikiiki ai 'a e ngaahi va fengaue'aki, pehe ki he fengaue'aki mo e Ma'u 'Inasi ki hono fakalalakaka e fua fatongia.

Fakakatoa, 'oku mau fiefia 'i he ngaue lavame'a 'a e kaungaue lolotonga 'o e ta'u. Ko e fakahoko fatongia 'oku ne fakamamafa'i 'a e Visone, Misiona mo e Ngaahi Me'a Mahu'inga, fakakaukau lelei, fakakaukau lolotonga, ke malu, pea mo ngaue fakataha to ma'u mo tauhi 'a e taumu'a 'o e Kautaha. Hange koia 'oku fakaha mai 'i he **Tonga Strategic Development Framework II (TSDF II)**, ko e 'uhila ko e tefito'i 'uhinga 'oku kaunga ki hono teke 'o e fakalalakaka faka'ekonomika pea pehe foki ki hono fakalalakaka 'o e tu'unga 'o e mo'ui. Ko 'emau misiona ke tukumai 'a e malu, falala'anga, malava pea mo tu'uloa 'a e ma'u'anga ivi ki Tonga. Pea 'e malava 'i hono fakaivia 'a e % 'a e ma'u'anga ivi oku fakatupu fakanatula kae kei fakalalakaka fakapa'anga pe 'a e Kautaha.

'Oku mau faka'amu ke kei hokohoko atu 'a e fua fatongia ki hono fakafoki 'a Tonga mei he tu'unga mo e fakatamaki 'o e Koviti 19 pea mo e puna 'a e mo'ungaafi.

Faka'apa'apa atu,



Tapu Panuve

Sea 'o e Poate



Finau Moa

Pule Le'ole'o



FAKAMA'OPO'OPO 'O E 2022

FAKAMA'OPO'OPO 'O E 2022

Na'e hiki 'a e tokolahi fakakatoa 'a e kau kaistoma 'aki 'a e 7.13% mei he 25,292 'i Sune 2021 ki he toko 25,837 'i Sune 2022. Ko e kau kasitoma 'i he'ene a'u ki he 'osi 'a Sune 2022 na'e kau ai 'a e: kau pisinisi 'e (komesiale) 4,872 (18.90%) mo e ngaahi 'api taautaha 'e 20,965 (81.10%). Ko e tupu 'i he tokolahi 'o e kau kasitoma 'oku ne fakaha mai 'a e fakalakalaka 'i he anga 'o e nofo 'o kau kiai mo e ngaahi tokoni fakapa'anga 'a e kautaha ki hono fua 'a e fakamole ki he taki 'o e 'uhila ki he ngaahi 'api pea mo e ponite ki he ngaahi taki 'uhila fo'ou.

'Oku lolotonga fokotu'u 'a e Simati Mita 'i Tongatapu. 'I Sune 2022, na'e kei toe 'a e ngaahi fo'i simati mita laka hake 'i he 2,000 tupu ke fokotu'u (laine mo'ui 'e 1 & 3) pea 'oku fakafuofua ke kakato 'a e ngaue koia 'i Tisema 2024.

Na'e toe lahiange 'a e fiema'u 'uhila 'aki 'a e 3.3% mei he 'iuniti 'e 67.3 miliona 'i he 'osi 'a Sune 2021 ki he 'iuniti 'e 69.5 miliona 'i he 'osi 'a Sune 2022. Ko e lahiange 'a e fiema'u 'uhila 'i he sekitoa pisinisi mo e ngaahi 'api taautaha ko e tupu pe ia mei he toe leleiange 'a e netiueka/laine 'uhila, toe lahi ange 'a e ngaahi langa pea 'oku palani ke hokohoko atu 'i he ngaue kiai 'a e poloseki ki hono fakalelei'i 'a e laine 'uhila 'i he 'elia 'o Nuku'alofa, NNUP, pea 'e kei hokohoko atu koe'uhi koe toe lahi ange 'a e ngaahi langa pea mo e fakalakalaka 'i he anga 'o e nofo. Ko e tefito'i makatu'unga ki he fakalakalaka ko 'eni ko e tokoni 'a e Kautaha 'Uhila ke fakapa'anga 'a e taki 'uhila fo'ou ki he ngaahi 'api mo e ponite 'a ia ne fa'a totongi he kau kasitoma 'i he ngaahi ta'u kimu'a.

Talitali Kakai

Koe talitali kakai pea mo e timi ki he ngaahi fakatamaki ne kei hokohoko atu 'a hono fakakakato 'o e taumu'a tefito ko e talitali 'a e ngaahi launga 'a e kakai pea mo e ngaahi launga fekau'aki mo e fakatamaki ki he 'uhila ki he faka'osinga 'o Sune 2022 pea ne ha ia mei he holo 'a e launga mei he 1,924 ki he 1,556 'i he ta'u ni.

Ko e ngaue 'osikiavelenga 'a e timi 'i he Va'a Maketi mo e Fetu'utaki mo 'enau ngaahi polokalama ako ke 'ilo he kakai, ne fakafou 'i he ngaahi mitia kehekehe pea mo e ngaahi tohi 'i he telefoni mo e 'imeili ko e fakamanatu 'o e tamate, ko e tu'usi mo e fakahoko 'o e 'uhila, tukunga takitaha 'oku 'iai 'a e mo'ua mo e ngaahi founa ki hono totongi koe'uhi ke hokohoko atu pe 'a e fetu'utaki. 'Oku muimui'i ofi heni 'a e tu'utu'uni 'aho ua 'a e ngaue ki he tali 'o e ngaahi launga 'o fakatatau ki he aleapau fengaue'aki 'a e kautaha mo e

Komisoni 'Uhila (Concession Contract III). Ko e ngaahi launga kehe na'e lipooti hangatonu ia ki he 'Ofisi 'o e 'Omipatimeni 'a ia na'e ngaue vaofi 'a e 'Omipatimeni mo e va'a 'a e kautaha ko e Risk and Compliance mo e Va'a ki he Kaungaue ki he ngaahi launga koia.

Na'e holo 'a e lahi fakakatoa 'o e maumau mo e mate 'a e 'uhila na'e lipooti ki he Va'a Launga 'aki 'a e 30% mei he ngaahi lipooti 'e 3,442 'o e maumau/mate 'i he ta'u 2021 ki he 2,386 'i he 'osi 'a Sune 2022 'a ia 'oku ha mai heni 'a e toe leleiange 'a e laine 'uhila. Ko e lahitaha 'o e maumau na'e lipooti mei he 'elia fakapisinisi 'o e loto kolo pe CBD – pea 'oku kau 'a e 'elia ko 'eni 'i he poloseki ki hono fakalelei 'i 'a e laine 'uhila 'i Nuku'alofa. Ke fakatokanga'i ko e ngaahi maumau 'oku 'ikai ke kau kiai 'a e ngaahi ngaue lolotonga 'a e puna 'a e mo'ungaafi.

'Oku kei hoko atu 'a e ngaue houa 24, 'aho 'e 7 'a e Va'a Ngaue ki ha palopalema pe maumau 'i he 'ulu'l 'ofisi 'i Lakalakaimonu 'i Matatoa, Tofoa lolotonga ia 'oku tapuni pe 'i he 5 efiafi 'a e fai fatongia 'a e kanita talitali kakai 'i he Monite ki he Falaite.

Totongi 'Uhila

Ko e totongi 'uhila na'e \$0.8071 ki he kilouati 'i he houa (kWh) 'i he kamata'anga e ta'u fakapa'anga 2021/22 pea hokohoko atu 'ene hiki ke hoa mo e hikihiki 'i he totongi 'o e lolo 'o a'u ki he ma'olunga taha 'i he ta'u 'e 5 kuo'osi ko e \$0.9712 seniti. Ko e totongi 'o e lolo na'e hiki hake 'aki 'a e 80% lolotonga 'a e ta'u ka na'e 'ikai ke fakatokanga'i 'eni koe'uhi ko e tokoni 'a e Pule'anga 'o fakafou 'i he ngaahi tu'utu'uni tokoni 'a e Pule'anga ke tokoni'i 'a e faikehekehe 'i he totongi 'uhila. 'i 'Epeleli 2022, na'e tokoni 'a e Pule'anga 'a e \$0.1791 seniti ki he kilouati ki he kau kasitoma kotoa 'oku nau ngaue'aki 'a e kilouati 'e 150 ki he houa pe si'isi'i ange ai ki he mahina. Ne toe tokoni foki 'a e Pule'anga 'i he 'osi 'a e fakatamaki mei he puna 'a e mo'ungaafi, 'a hono fakahu mai 'a e \$100 ko e tokoni ki he mo'ua 'uhila kotoa 'i he mahina ko Fepueli.

'Oku kei hoko atu pe hono ngaue'aki 'a e ponite 'a e kau ma'u 'uhila, 'o fakatefito 'i he anga e feliliuaki hono ngaue'aki 'a e 'uhila. Ka 'oku kei hokohoko atu hono talanga'i 'a hono fakafoki mai e totongi 'o e taki fo'ou 'o e 'uhila ki he kau kasitoma koe'uhi koe totongi ko 'eni 'oku 'ikai ke kau ia 'i he totongi 'o e 'uhila 'oku 'ikai kaunga ki he lolo pea mo hokohoko atu ki he liliu 'o e totongi 'uhila 'e fai ki he ta'u 2024/25.

'Oku kei hokohoko atu 'a e totongi mo'ua 'uhila 'o fakatatau ki he ngaahi founa ko 'eni:

- Ngaue fakapangike 'i he 'initaneti (ANZ, BSP and TDB)
- Digicel Mobile Money & Klickex
- EM Jones
- Ngaahi 'ofisi 'i he tukui motu
- Ngaahi 'ofisi 'a e Ma'u Mafai ki he Veve
- 'Ofisi 'a e Poate Vai 'a Tonga
- Western Union
- 'Ofisi 'a e Home Gas
- Founa totongi mo'ua 'uhila 'i he 'Initaneti

Ko hono ngaue'aki 'a e 'Ofisi Fakatahataha fo'ou ki he ngaahi kautaha Totongi Mo'ua, 'oku malava ke totongi kotoa leva 'a e mo'ua 'uhila, vai mo e veve ki he feitu'u pe 'e taha 'i he 'ofisi ni. 'Oku kei ta'etotongi pe 'a e ngaue ki hono tu'usi mo hoko 'a e 'uhila, pea 'oku fakakaukau'i ha totongi ki he ngaahi fiema'u fakavavevave ki he hoko ha 'uhila.

Fa'u mo e Tufaki

Ko e fakakatoa 'o e 'uhila kuo fa'u (tisolo tanaki pea mo e ivi 'uhila fakanatula) 'i he kotoa 'o e ngaahi 'otumotu ki he faka'osinga 'o Sune 2022 ko e 77.2 GWh, ko e 'alu hake mei he 74.9 GWh 'i he 2020/21. Katoa 'o e ivi 'uhila kuo fa'u, koe 69.5 GWh na'e pila ki he kakai 'o e fonua pea ko e ivi 'uhila na'e ngaue'aki 'i falemisini pea mo e mole 'i he laine na'e feinga mo e 2.1 GWh (2.72%) moe 5.6 GWh (6.76%) fakatou'osi.

Ko e fakakatoa 'o e 'uhila kuo fo'u ki Tongatapu ki he mahina 'e 12 ki Sune na'e hiki 'aki 'a e 3.0% he ta'u fakatatau ki he hiki 'a e ngaue'aki 'o e 'uhila. Fakakatoa, ko e hiki fakakatoa 'i he ivi fo'u 'o e 'uhila 'i he ngaahi 'otu motu kotoa 'e fa 'oku fenapasi pe ki he hiki 'a hono ngaue'aki 'o e 'uhila 'i he ngaahi 'otu motu kotoa.

Ko e mole ki he sistemi ki he ngaahi 'otu motu kotoa 'e fa 'oku fakalaka 'o fakatatau ki he ta'u fakapa'anga 2021 ka ko Ha'apai mo Vava'u 'oku hiki hake 'a ia 'oku kii ma'olunga hake pe 'i he taketi ko e 10%. Ko e 'uhila ku mole ki hono fakalele 'o e ngaahi naunau 'uhila ki falemisini ki Tonga kotoa 'oku meimei tu'uma'u 'i hono fakahoa ki he taimi tatau 'o e ta'u kuo'osi 'a ia 'oku fe'unga pea mo e meimei 'avalisi 'o e 2% to 3%.

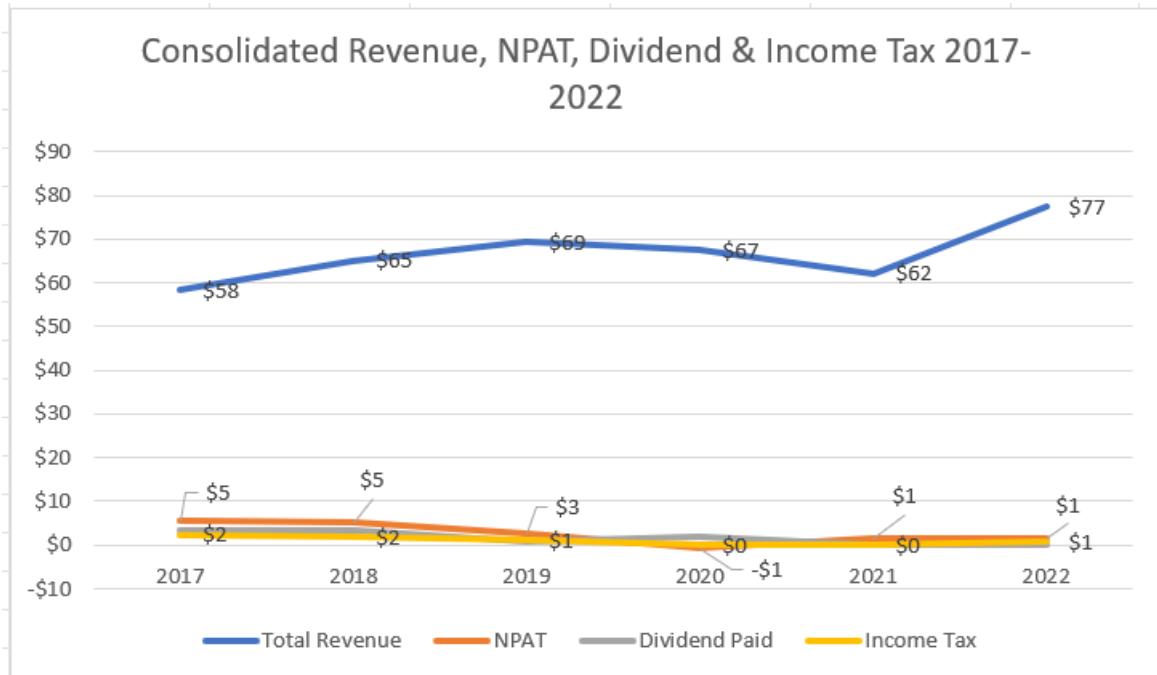
Ko e ngaue'aki lelei 'o e lolo 'oku fua ki he fika 'o e ivi 'uhila 'oku tukumai 'o fakahoa ki he tisolola lita 'e 1. Ko 'ene ma'olunga 'a e fika hono ngaue'aki lelei 'o e lolo, ko e leleiange e faifatongia 'a e ngaahi misini senoleita. Ko e kautaha 'oku nau a'usia 'a e taketi hono ngaue'aki lelei 'o e lolo ko e 'avalisi 'o e 3.9 ki he 4.0 'o fakatatau ki he taketi ko e 4.0 'oku fakaha mai 'i he tu'utu'uni ngaue 'i he Vaha'a 'o e Komisoni 'Uhila pea moe Kautaha 'Uhila. Ko Vava'u, 'Eua pea mo Ha'apai 'i he lolotonga 'o e ta'u 'oku lahilahi 'a e 'ikai ke a'usia 'a e taketi ki hono ngaue'aki lelei 'o e lolo. 'Oku fakatupunga 'eni mei he ngaahi pole 'oku fekuki pea moe tafa'aki ki falemisini 'o kaunga tonu ki he netiueka (ngaahi tamate 'uhila na'e palani mo 'ikai ke palani) pea pehe foki ki he ngaahi pole ki hono tokanga'i 'mo tauhi 'a e ngaahi misini senoleita.

Pehe foki, ko e pole lahi taha kiate kimautolu ko hono tuku 'a e ngaahi senoleita ke mo'ui 'i he louti ma'olalo 'o ne fakatupunga 'a e 'ikai ke ngaue'aki lelei 'a e lolo koe'uhi koe 'ikai ke pau 'a e ivi 'uhila 'oku ha'u mei he la'a. Kaekehe, 'oku 'i ai pe 'a e kaunga lelei 'o e lau ko 'eni ki he totongi 'uhila kaunga ki he lolo. 'Oku kei hokohoko atu 'a e talanga pea mo e Komisoni 'Uhila 'a Tonga ke fakapapau'i 'a e tu'unga 'oku 'i ai 'a e Kautaha ke tokoni ki he tu'unga 'oku 'i ai 'a e ngaahi taketi pea mo e ola 'a e ma'u'anga ivi fakanatula pehe foki ki he toe tokanga ange ki he kau ma'u 'uhila.

Ivi 'Uhila Fakaenatula

Ko e natula 'o e ivi 'uhila mei he la'a 'oku 'ikai ke malava ke fakatolonga 'oku 'osi pe 'ene 'aonga ki he 'aho pe. Ko e fakakatoa 'o e ivi 'uhila mei he la'a ki he ta'u fakapa'anga 2021/22 ko e 7,269 MWh, 'a ia ko e holo hifo 'aki 'a e 15.9% mei he tau kimu'a 2020/21 ko e 8,642 MWh. Ko e falakiseni 'o e ivi 'uhila fakanatula mei he la'a ki he ivi 'uhila 'oku fo'u fakakatoa ki he kotoa 'o e ngaahi 'otu motu kotoa 'i Tonga ni ko e peseti 'e 9.4.

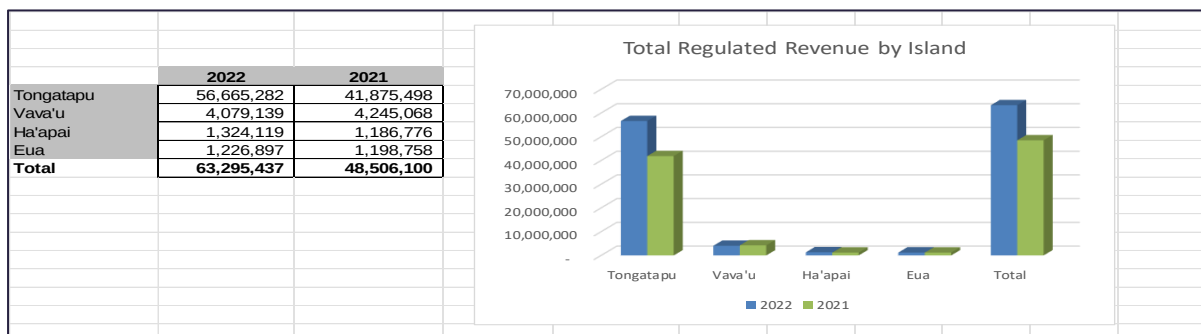
TAFATAKI PA'ANGA MO E RETAIL



	2017	2018	2019	2020	2021	2022
Total Revenue	\$58,246,868	\$65,145,330	\$69,458,276	\$67,429,743	\$62,222,243	\$77,474,811
NPAT	\$5,434,424	\$5,196,052	\$2,641,497	-\$698,437	\$1,470,257	\$1,409,174
Dividend Paid	\$3,300,000	\$3,300,000	\$1,000,000	\$1,981,428	\$ -	\$200,000
Income Tax	\$2,458,139	\$1,920,278	\$1,220,836	\$ -	\$ -	\$699,470

Ko e tu'unga fakapa'anga 'o e kautaha ki he ta'u fakapa'anga 2021/22 ko hono lekooti 'a e tu'unga ma'olunga 'i he pa'anga humai fakakatoa ko e \$77,474,811 (2021:\$62,222,243) TPL \$68,140,550 (2021: \$53,690,868). Ko e hiki 27% 'i he pa'anga hu mai fakakatoa ne felave'i tonu ia moe hiki ki 'olunga 'a e totongi 'o e lolo (diesel) 'i loto 'i he ta'u koia 'i he mahu'inga ko e \$1.33 ki he lita pe ko e 83% mei Sune 2021 ki he \$2.9420 ki he lita 'i Sune 2022. Ko e liliu ko 'eni 'i he mahu'inga 'o e lolo na'e paasi fakahangatonu pe ki he ma'u'uhila. Ko e me'a tatau ki he ngaahi totongi 'o e hina kasa 'a e Kautaha Tonga Gas.

Pa'anga humai mei he tukui motu:



'I he taimi tatau, ne holo 'a e tupu fakalukufua 'aki 'a e 4% \$1,409,174 (2021: \$1,470,257), ko e 'aluhake 'aki 'a e 65% 'a e tupu 'a e Kautaha 'Uhila: \$1,459,839 (2021: \$886,070) ka 'i hono fakahoa ki he patiseti na'e si'isi'i 'aki 'a e 55% 'i hono fakahoa ki he patiseti ko e \$3,274,371 ki he ta'u fakapa'anga 2021/22.

'I he taimi tatau, ko e ta'u 2021/22 na'e lahi taha hono ngaahi pole 'i hono fakalele 'o e Kautaha. 'I Sanuali 2022, ne uesia ai 'e he puna 'a e mo'unga afi 'a e ngaue 'o loloa ange 'i he mahina taha pe a toe to mai mo e ngaahi loka fakataputapui mei he Covid 'o fiema'u ai ke liliu mo pusiaki'i ee founa ngaue ke fenapasi mo e natula 'o e pole koia. Fakakau heni 'a e feliuliaki 'o e ngaahi houa ngaue 'o lahi taha pe ke ngaue mei he takitaha 'api kae kei fakapapau'i pe 'oku lava fakakakato pe 'a e fepoupouaki 'i he ngaahi timi mo e tafa'aki ngaue takitaha. Katoa ia, ne kei fakamahu'inga'i ange pe 'a e malu mo e hao 'a e kau ngaue fakataha moe kau ma'u 'uhila 'o e fonua he taimi kotoa pe. Neongo ia ne kei uki pe kau ngaue ke nau ngaue lolotonga e ngaahi pole koia ke kei lava ai pe fakapapau'i 'oku ngaue lelei pe 'a e ngaahi ma'u'anga 'uhila houa 24 'aho 'e 7 he uike.

Neongo e ngaahi pole ni, ne kei lava pe 'e he tafa'aki fakapa'anga ke fakahoko lelei 'e nau fatongia 'i he lolotonga 'o e ta'u mo nau ako ai foki mo ha ngaahi leseni fo'ou ke mateuteu ki ha ngaahi fakatamaki natula tatau 'o ka toe hoko mai.

Ko e ROE na'e kei ma'olalo pe 'i he 2%, tu'unga tatau pe mo e 2% 'i he ta'u kuo'osi. Ko e debt to equity 'oku 'i he 1.57 ki he ta'u 2021/22 'a ia 'oku ne fakaha mai ko e \$1.57 ko e mo'ua ki he 'ikuiti \$1. Na'e 'ikai ha tiviteni na'e fakaha, ka ko e kautaha 'oku malava pe kene totongi 'e ne tiviteni ko e 35% pe ko e \$510,943 ki he ta'u fakapa'anga 2021/22.

	2017	2018	2019	2020	2021	2022
Total Equity	60,107,499	62,003,551	63,856,011	61,955,317	61,328,582	61,775,195
ROE	9%	8%	4%	-1%	2%	2%
ROA	4%	4%	2%	0%	1%	1%
Debt-to-Equity Ratio	1:1.35	1:1.33	1:1.74	1:1.71	1:1.62	1:1.57
Equity Ratio	1:0.43	1:0.43	1:0.37	1:0.37	1:0.38	1:0.39
Debt Ratio	1:0.57	1:0.57	1:0.63	1:0.63	1:0.62	1:0.61

Tafa'aki Retail

Tanaki Pa'anga Hu Mai

Ne lava ke hanga he kautaha 'o tanaki fakakatoa ha pa'anga fe'unga mo e \$57,115,955 'i he ta'u 2021/22. Ko e maumau ne hoko ki he ki he faipa 'i he pa 'a e mo'unga afi fakataha mo e loka fakataputapui tupunga he Covid ne fakatupu ai 'a e pole ki he timi fakalukufua. Ko e pole lahi taha 'a e ngaahi taimi na'e motuhia ai ee fetu'utaki 'o palopalema ki he

tanaki pa'anga 'i he ngaahi 'ofisi 'o e Kautaha koe'uhi ko e Server 'a e Kautaha 'oku tauhi 'i Matatoa ki he kotoa 'o e ngaahi 'otu motu. Ne hoko ee Covid19 ko ha me'a ke manavahe kiai e kau ngaue koe 'uhinga ko 'ene ola ki he mate. Ne fu'u fiema'u e kau ngaue ke fakakakato 'a e ngaahi vala malu'i ke fai'aki e ngaue ki he kakai 'o e fonua koe taha ia 'a e ngaahi fiema'u 'a e Potungaue Mo'ui.

Ko e taimi ki hono tanaki 'o e ngaahi mo'ua ne hiki hake mei he 'aho 'e 15 he ta'u kuo'osi ki he 'aho 'e 23 he ta'u ni, koe'uhi koe 'uhinga 'oku ha 'i 'olunga.

Aged Debtors	2017	2018	2019	2020	2021	2022
Debtor Days	11 days	11 days	14 days	9 days	15 days	24 days
Trade Receivables	1,419,910	1,402,611	1,897,507	1,277,050	1,933,506	4,147,884
Annual Credit Sales	45,609,867	45,363,460	51,031,273	51,642,384	45,573,368	62,052,206

Ngaahi Founa Totongi

Ko e palani ke fokotu'u 'a e founa totongi mei ha fa'ahinga feitu'u pe kae 'ikai ke toe a'u tonu mai ki he 'ofisi 'uhila ne 'ikai makatu'unga ia he loka fakataputapui 'a e Covid19 he na'e kei tokolahi ange pe 'a e kau a'u tonu ia ki he 'ofisi totongi 'uhila. Ne 'i ai e ngaahi totongi ne fakafou 'i he Fexco Ltd, BSP, ANZ & Digicel pea mo e totongi fakafou 'i he 'initaneti pea moe TDB.

Lolotonga 'a e fakangatangata 'a e fetu'utaki ki he ngaahi 'otu motu, ne kolea ai e kau ngaue ke nau nofo tu'a taimi he ngaue ke nau fakahu 'a e ngaahi tanaki mo'ua taautaha pe 'i tu'a he sisitemi 'o fakafuofua ki he 'ene toki mo'ui 'a e 'uhila ki he kongamai pe 'o Sune 2022

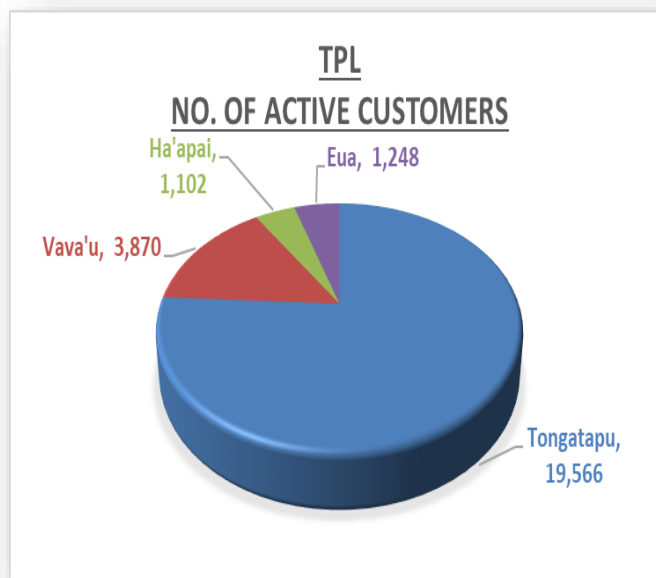
Tafa'aki Tanaki Mo'ua

'I he faka'osinga 'o Sune 2022, ne 'i ai ha ngaahi mita 'uhila 'e 25,786 ne fiema'u ke lau he faka'osinga 'o e ta'u fakapa'anga. Ka neongo ia, ne fehanganagai 'a e tafa'aki tanaki mo'ua mo ha ngaahi pole lahi 'i he hili 'a e mo'unga afi mo e lolotonga 'a e loka fakataputapui 'i he Covid19. Ne kau pe foki moe ngaahi motuhia 'o e fetu'utaki he fakafaingata'ia 'i 'a e ngaue, 'o iku ai ki he holo 'a e kau ngaue 'i he timi lau mita mei he toko 12 ki he 8. Ne uesia e ngaahi 'elia ngaue angamaheni 'o kau ai e seeva Itron he na'e tu'u peia 'i 'Amelika, pea ne 'ikai leva ke fai ha lau mita va mama'o 'o 'ova hake he lau mahina. Na'e iku ai 'o palopalema 'a e lau e ngaahi mita fakaeonopooni 'oku taku koe mita poto, toloi ai ngaahi tohi mo'ua lahi ko e fakatatali ki he ngaahi ngaue ke fakakakato mei Nu'usila mei he Kautaha Agility, pea tautautefito ki he pule'anga fo'ou mo 'enau founa tokoni fakapa'anga. Tohi mo'ua mei Sanuali 2022 na'e toloi 'o toki fakahoko he faka'osinga 'o Fepueli mo e kamata'anga 'o Ma'asi. Na'e 'i ai foki moe ngaahi

fakafetu'utaki hala 'i he tohi mo'ua mo hono ngaahi lipooti ki he ngaahi kupu fekau'aki. Na 'e ki'i fuoloa atu 'a e palopalema ni 'o toki ala fakama'opo'opo 'i he hili hono fakafatongia'i 'aki 'a e timi fakapa'anga ke nau fakama'ala'ala fekau'aki mo e ngaahi palopalema 'o e 'uu ni mo'ua tatanaki mei he ta'u kuo mahili atu.

Ko e pole lahi ki he taha 'o e ngaahi tafa'aki ngaue 'enau fehangahangai mo e tu'unga ma'ulalo 'o e lau 'e he mita fakaeonopooni (mita poto) 'i he tu'unga ko e 0% ki he 30% hili e pa 'a e mo'ungaafi. Ko e tupu'anga mahino taha pe ki he tu'unga ma'ulalo 'o e lau 'a e mita ni, ko e fetokaki 'a e ngaue 'a e konga fetu'utaki 'oku 'iloa ko e CGRs mei he mita ki he 'ofisi ngaue. 'Oku kei ngaue malohi 'a e timi Tekinikale ki hono feinga'i ha founa ke solova 'aki 'a e palopalema ni.

	No. of Active Customers
Tongatapu	19,566
Vava'u	3,870
Ha'apai	1,102
Eua	1,248
Total	25,786



TPL CUSTOMERS' COMPLAINTS SUMMARY				1 Feb 22 to 30 June 2022
Complaint Through:	Phone	Email	Walk-in	TOTAL
Feb - May 2022	361	282	45	688
Jun-22	8	13	167	188
Total Feb to June 2022	369	295	212	876
Type of Complaints:	DISPUTES	INVOICES	GPO Subsidy	TOTAL
Feb - May 2022	618	62	8	688
Jun-22	169	19	0	188
Total Feb to June 2022	787	81	8	876
Complaints Status:	Open	Escalated/Pending	Closed	TOTAL
Feb - May 2022	7	27	654	688
Jun-22	1	22	165	188
Total Feb to June 2022	8	49	819	876

Ko e ngaahi launga fakakatoa 'e 876 fekau'aki mo e tohi mo'ua na 'e fakahu ki he sisitemi tanaki pa'anga mei Fepueli 2022 ki Sune 2022 mo e ngaahi launga 'e 188 ne fakahu ia 'i Siulai 2022.

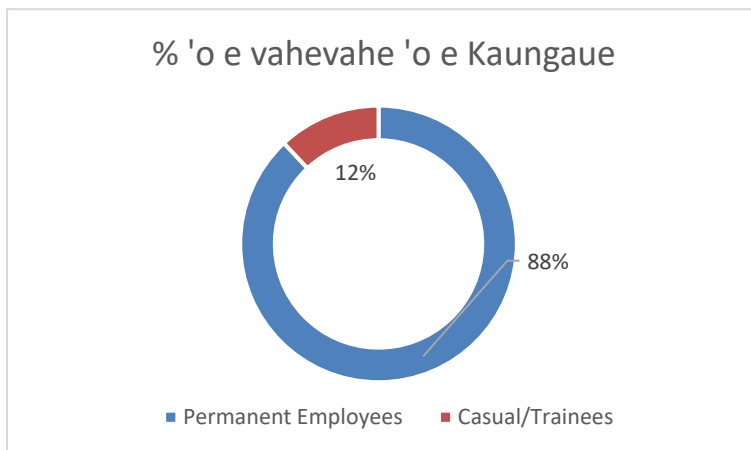
TAFA'AKI KI HE KAUNGAUE

Lolotonga 'a e ta'u fakapa'anga 2021/2022, na'e poupu 'a e Va'a Human Resources ki he palani fakalakalaka 'a e Kautaha ki he kaha'u mo e ngaahi taketi fakata'u 'o hange koia 'oku ha atu 'i lalo:

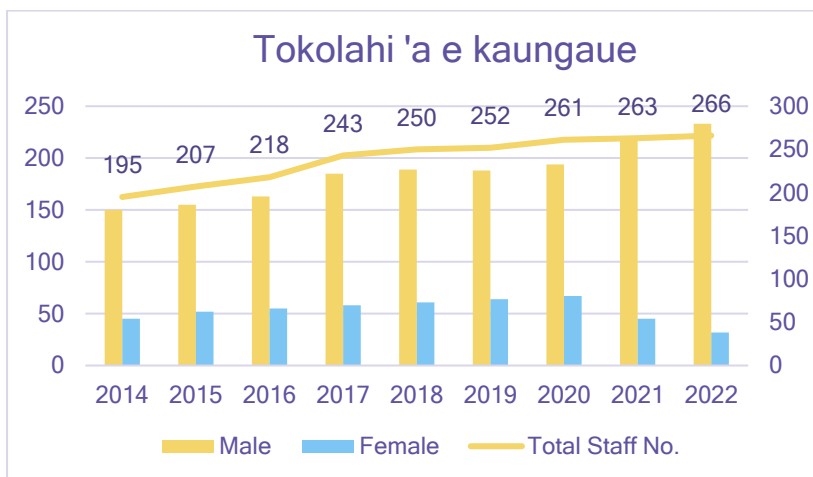
Taumu'a fakalakalaka ki he kaha'u	Me'afua ki he taketi fakata'u	'Avalisi Fakata'u
1. Fakalakalaka 'i he founa ngaue ke fakalakalaka 'a e tu'unga fiamalie 'a e kau kasitoma/ kau ngaue kae kei hokohoko atu hono poupu'i 'o ha timi mo'ui lelei mo ngaue lelei.	% 'o e kaungaue ne kakato 'a hono vakai'i / sivi'i 'enau ngaue - >70%	94% kakato hono sivi'i 60% a'usia mo fakalaka 'i he taketi 30% makehe atu
	% 'o e kau ngaue kuo ako'i - 25%	9% 'o e kotoa 'a e kaungaue
	Ngaahi tu'utu'uni ngaue ne toe vakai'i	Ko e ngaahi tu'utu'uni ngaue 'a e tafa'aki HR ne vakai'i pea fakahu ki he Poate pea fakahu ki he Pisinisi 'a e Pule'anga 'i Ma'asi 2021. Ko e talanoa'i 'o e tu'utu'uni ngaue mo e kaungaue 'e toko 157 (74% o e kaungaue 'i Tongatapu) 'i he ngaahi fakataha ne 'ova hake 'i he 15 'I Siulai 2021.
	Tu'unga feliliuaki 'o e kaungaue <5% Tu'unga nofoma'u 'o e kaungaue >5%	0.44% 99.97%

Kaungaue 'a e Kautaha

'I Sune 2020, ko e tokolahi e kau ngaue 'a e Kautaha 'Uhila 'a Tonga na'e toko 234 'a e kau ngaue tu'uma'u pea toko 32 koe kau ngaue lau 'aho 'a ia koe **kaungaue fakakatoa 'e toko 266** 'oku nau fai fatongia 'i Tongatapu, Vava'u, Ha'apai mo 'Eua.



Fika 1: Vahevahe 'o e Kaungaue

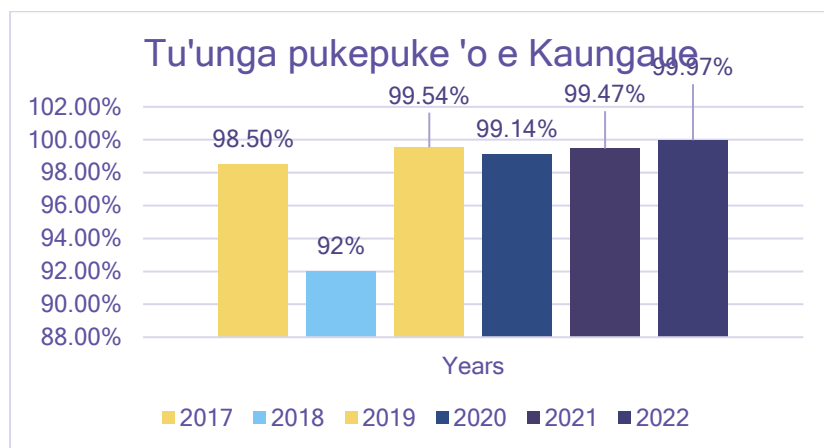


Fika 2: Tokolahi 'o e kaungaue (2014 – 2022)

Ne hiki hake 'aki 'a e 1.14% 'a e tokolahi 'o e kaungaue 'i he faka'osinga 'o Sune 2022 'o fakatatau ki he tokolahi 'o e kaungaue ki he faka'osinga 'o Sune 2021. Ko e tokolahi 'o e kaungaue 'i hono fakaha atu 'i he kalafi 'i 'olunga, na'e hokohoko atu 'ene 'alu ki 'olunga 'i he ta'u 'e hiva kuo'osi. Ko e hiki 'eni mei he lahiange 'a e fiema'u ki he kaungaue ke ngaue ki he ngaahi poloseki 'a e kautaha 'a ia 'oku lolotonga lele 'o hange ko e poloseki ki he NNUP, OIREP, pea pehe foki ki hono teke malohi 'a e taumu'a 'a e Kautaha ki he 50% 'a e

a'usia 'a e ma'u'anga ivi fakanatula ki he faka'osinga 'o e ta'u 2025 pea mo e 70% 'i he faka'osinga 'o e ta'u 2030 'a ia 'oku fiema'u ha kaungaue tokolahi kiai.

Neongo 'a e hikihihi 'i he tokolahi 'a e kau ngaue, ne kei malava pe 'a hono pukepuke 'a e nofoma'u 'a e kaungaue 'i he ta'u 'e 4 kuohili 'a ia 'oku ma'oluinga ia 'i he taketi fakata'u ko e 95%.



Fika 3: Tu'unga pukepuke 'o e kaungaue

'I he tu'unga vahevahe tatau mo taau 'a e tu'unga 'o fafine mo tangata ko e 26.42% 'a e tokolahi fakakatoa e kau ngaue ko e kakai fefine pea 73.58% ko e kakai tangata.



'Oku ha mei heni 'a e natula 'o 'emau ngaue ko e tokolahi taha koe kakai tangata, ka 'oku fai 'a e tokanga ke hokohoko atu hono poupou'i 'a e kakai fefine ke tokolahiang'e 'o hange ko 'ene tupu 'i he ta'u 'e 7 kuohili:

Ta'u	2016	2017	2018	2019	2020	2021	2022
Tokolahi 'a e kaungaue fefine	55	58	61	64	67	67	70

Tepile 1: Tokolahi 'o e kaungaue fefine, 2016 - 2022

'Oku mau tukupa ke hoko atu hono poupuu'i 'a e fanau ako fefine mo e kau fefine ako ngaue 'oku nau foki mai 'o hoko ko e kau ngaue akoako lolotonga 'a e tutuku. 'Oku mau fiefia ke taukave'i 'a e ngaahi tu'utu'uni ngaue ki he vahevahe tatau mo taau 'i he ngaue'anga mo ako'i 'a e kakai fefine ke tokolahianghe 'enau to'o fatongia 'i he tafa'aki fakatekinikale.

Kaungaue Tafa'aki HR

Ne 'ikai ha toe liliu ki he kaungaue 'a e tafa'aki HR pea koe kaungaue fakakatoa 'e toko 4 'a ia ko e Pule 'o e Tafa'aki, ko e 'ofisa HR ma'olunga, 'osifa faivahe ma'olunga pea mo e 'ofisa HR ki lalo.

Ko e 'ofisa HR ma'olalo na'e fakahiki hake ke hoko ko e 'ofisa HR 'i Tisema 2021 pea ne toe foaki kiai ha sikolasipi ke fakakakato 'ene ako mata'itohi 'i he tafa'aki pe ki he kaungaue. Tupunga mei he Koviti 19, na'e 'ikai malava ke folau ki muli ka 'oku fakapapau'i 'e hoko atu 'ene ako 'i he ta'u fakapa'anga ka hoko.

Ko e 'ofisa ngaue 'e taha (Faivahe Ma'olunga) na'e folau ki muli koe fakafe'ao ki he hoa ke fakakakato 'a hono faito'o pea ne vahevahe pe 'a e timi 'i he ngaue lolotonga 'a e vaha'a taimi ko 'eni. Na'a ne foki mai ki he ngaue 'i Ma'asi 2022.

Vakai'i Tu'unga Fakahoko ngaue

Na'e malava ke fakakakato 'a e fakataha tahataha 'a e kaungaue mo 'enau takitaha Pule ko e konga 'o e vakai'i 'a e fakahoko ngaue fakata'u ki he ta'u fakapa'anga 2020/2021 'i Akosi 2021 pea na'e fakahu mo tali 'e he Poate 'i he faka'osinga 'o Sepitema 2021. Ko e tali ko 'eni ne fakakau kiai mo e ngaue ki he ta'u fakapa'anga 2019/2020 'a ia ne tali fakataha pe 'e he Poate.

Ko e ta'u fakapa'anga 2019/2020, 84% 'o e kaungaue na'e kakato 'a hono vakai'i 'o e fakahoko ngaue pea ko e 66% 'o e kaungaue ko 'eni na'e a'usia pe fakalaka 'a e fakahoko fatongia 'i he taketi pea ko e 12% na'e makehe atu 'a e fakahoko ngaue pea koe 2% na'e 'ikai ke a'usia 'a e fakahoko ngaue.

Ko e ta'u fakapa'anga 2020/2021, 94% 'o e kaungaue na'e kakato 'a hono vakai'i 'o e fakahoko ngaue pea ko e 64% 'o e kaungaue ko 'eni ona'e a'usia pe fakalaka 'a e fakahoko fatongia pea ko e 30% na'e makehe atu 'a e fakahoko ngaue.

Ko e kotoa 'a e ola 'o e vakai'i 'o e fakahoko ngaue na'e fakahu ki he Pule Le'ole'o mo e kau taki ngaue kimu'a pea fakahu ki he Poate ke tali.

Ngaahi faingamalie Ako (Taimi Nounou & Sikolasipi)

Ne kei hokohoko atu 'a hono faka'ai'ai 'o e ako'i 'o e kaungaue neongo 'a e Koviti 19 pea mo 'ene uesia 'a e ngaahi Palani ako ki he kau ngaue koe'uhi ko e tapuni 'a e ngaahi kau'afonua ki he fefolau'aki. 'I he'ene pehe, ko e ngaahi ako ne mau tukuatu ko e ngaahi ako fakalotofonua pea mo e ngaahi ako 'i he 'initaneti. Ko e ngaahi ako kuo kakato 'i he lolotonga 'o e ta'u fakapa'anmga:

- i. Ko e kaungaue 'e toko 4 na'e tali ke nau kau ki he ako na'e fakapa'anga 'e he Pule'anga Malesia mei he mahina ko Sune ki Siulai 2022;
 - A. Ako ki he Advanced Metering Infrastructure – 'Aholoka Tupou
 - B. Ako ki he Strategic Shift of 33KV Overhead Lines Maintenance Regime Approach – 'Alaniteila Tufi
 - C. Ako ki he Distribution Planning in Power Utility – Siunipa Noavea
 - D. Ako ki he Regulatory Framework of Electrical Competent Person for Energy Sector – 'Aleki Vaka'uta.
- ii. Ne kakato 'a e ako 'i he 'initaneti 'a Finau Katoanga pea mo Tevita Paletu'a kli he 2nd Regional Online Training for the RE Integration and RE O&M ne fakapa'anga 'e he JICA mei he 'aho 19 ki he 'aho 28 'Epeleli 2022.
- iii. Ne kakato mo e ako 'a Fineula Tui'onetoa pea mo Painitu'uua Lie ki he 2nd Regional Online Training for the introduction of Hybrid Power Generation System (HPGS) ne fakapa'anga he JICA mei he 29 Ma'asi ki he 5 'Epeleli 2022.
- iv. Ko e toko 5 'o e kaungaue 'a e Kautaha ne nau fakakakato 'a e ako ngaue 'a e Potungaue Mo'ui 'i he 'aho 11 Ma'asi 2022 ki hono ngaue'aki 'o e me'a ki hono tesi 'o e koviti 19 ki he kaungaue.
- v. Ko e ako 'i he 'Initaneti ki he Renewable Energy and Diesel Power Operation in Small Islands na'e 'amanaki ke kau kiai 'a Painitu'uua Lie mei he 'aho 1 Fepueli ki he 'aho 22 Fepueli ka koe'uhi koe puna 'a e mo'ungaafi na'e 'ikai ke lava ke fakakakato koe'uhi ne 'ikai mo'ui 'a e 'initaneti.

- vi. Ko Viliami Palaki, Tevita Hakeai pea mo 'Onesi Masiu ne nau fakakakato 'a e ako ki he Renewable Energy Mini-Grids joint ISA ne fakapa'anga 'e he PCREEE pea mo e ako 'i he Renewable Energy Mini Grids 'a ia ne fakahoko 'i he 16 ki he 19 Novema 2021.
- vii. Ne kau atu mo Lualala Tapueluelu pea mo Fusi Vaka'uta ki he ako 'i he 'initaneti na'e tataki 'e he CERT Tonga fekau'aki mo e Incident response techniques 1 Session with Trustwave 'i he 'aho 16 Sepitema 2021.
- viii. Na'e fakakakato 'e Fekita Mataele 'a e ako ki he workplace Health and Safety requirements Level 3 'i he sikolasipi 'a e Pule'anga Nu'usila na'e fakahoko mei he 'aho 19 ki he 'aho 27 Siulai 2021 pea na'e foaki ai pe mo 'ene sitifikeiti 'i he kakato 'a e ako.

Koe kaungaue 'e toko 3 na'e kakato 'a e ako mata'i tohi lolotonga 'enau mama'o mei he ngaue ke fakahoko 'a e feinga ako:

- i. Ko Jenny Lalahi na'e kakato 'ene ako ki hono Bachelor of Commerce majoring in Professional Accounting mei he 'Univesiti 'o e Pasifiki Tonga 'i he 'aho 28 Sanuali 2022 pea na'e kamata ngaue 'i he 'aho 19 'Epeleli 2022.
- ii. Ko Samuela Finau na'e mau hono mata'itohi koe Diploma in Engineering majoring in Renewable and Sustainable Engineering mei he Fiji National University pea na'e kamata ngaue 'i he 'aho 19 'Epeleli 2022.
- iii. Ne kakato mo e feinga ako 'a Peifaga Fuiono ki hono Master's 'i he Information Technology mei he Queensland University of Technology 'i Australia. Ne tu'o ua 'a hono foaki kia Peifanga 'a e Excellent Academic Performance ki he lava ma'olunga 'i he feinga ako 'i hono Master 'o e Information Technology. Na'a ne kamata ngaue 'i he 'aho 4 'Epeleli 2022.

Ko Forgetmenot Fifita ne ngaue pe mo to'o kalasi pea na'e ma'u mo hono mata'itohi ko e Bachelor's in Commerce majoring in Professional Accounting mei USP Tonga pea na'e tanakitu'unga 'i he 'aho 28 Sanuali 2022.

Ne toe 'i ai mo e ngaahi sikolasipi tokoni mei he ngaahi sino fengau'e'aki 'a e Kautaha na'e vahevahe ki he kaungaue 'oku nau fiema'u 'o ka fiema'u ke toe hoko atu e ako. Na'e ma'u faingamalie 'a e tokotaha 'o e kaungaue ko e 'enisinia fefine ko Kulaea Pau'u na'e foaki kiate ia 'a e JICA SDGs Global Leaders Program ke fakakakato 'a e ako toketa 'i Siapani 'i he ta'u 'e 3 ka hoko.

'O hange koia ne ha atu 'i 'olunga, ko e tokotaha ngaue ko Malia Hehea na'e foaki kiate ia 'a e Sikolasipi 'a e Pule'anga Nu'usila ke hokoatu 'a e ako hono mata'itohi Bachelor 'i he Human Resources pea 'oku ne lolotonga ngaue kae 'oua kuo maau 'a e ngaahi fokotu'utu'u ki he feinga ako pea toki folau ke fakahoko e feinga ako.

Ko e timi ki he Kaungaue ne nau tokoni ki he Pule Le'ole'o 'i hono fakakakato 'a e ngaahi fiema'u ako ke siofi ki he Future Regional Training ki Fisi 'i he polokalama 'a e JICA Technical Cooperation Project 'oku fakafou 'i he JICA ke tokoni ki he ngaahi fiema'u ako ki he ivi 'uhila hybrid ki he ngaahi fonua kaunga'api he Pasifiki.

'I 'ounga, ko e ngaahi ako mo e fakaivia 'o e kaungaue 'oku feinga 'a e Kautaha ke fakakakato. 'Oku mau tukupa ke fakaivia 'a e ako'i mo e fakalakalaka 'o e kau ngaue ke toe hiki 'a e tu'unga mahu'inga 'o 'emau fakahoko fatongia he koe 'elito 'o ha Kautaha ka ko 'ene kaungaue.

Mate 'i he fakahoko fatongia

Ko e ongoongo fakaloloma ka koe fakamavae mo e tokoua 'o e kaunga ngaue koe pekia 'a e tokotaha pea ko e mole 'a e tokotaha lolotonga 'a e ta'u.

Ko e pekia ko Michael Mahe ko e tokotaha ngaue he laine ne mole 'i he lau 'a e Potungaue Polisi hili 'ene folau ki tahi ko e toutai 'i Sune 2021 pea ne toki fakapapau'u kuo mole 'i tahi mei he Potungaue Polisi ai pe ki Sepitema 2021.

Ko 'Ofa Moniati ne malolo 'oku ne si'i kei faifatongia 'i he 'aho 29 'Okatopa 2021. Ne malolo 'a 'Ofa Moniati 'oku ne lolotonga faifatongia ko e Billing Supervisor 'o e Kautaha.

Ko e mole lahi ki he kautaha 'a e mole ko 'eni, pea he'ikai ngalo 'a si'ena ngaue li'oa mo mateaki ki he Kautaha pea pehe mo e va ngaue moe kaunga ngaue 'i he Kautaha 'uhila.

Fe'unu'aki 'a e kaungaue

Fili

Tupunga mei he Koviti 19 pea mo e puna 'a e mo'ungaafi HTHH, na'e siofi fakalelei 'a e fakamole ki hono kumi ha kaungaue 'o fakatatali hano toe kumi ha kaungaue fo'ou kae tafataha pa 'a e tokanga ki he ngaahi fiema'u vivili ki he kaungaue fo'ou ke tu'uaki 'a ia ne kaunga ki heni 'a hono fakahu mai pe 'o e kau ako ngaue 'i he vaha'a taimi ko'eni.

Na'e fe'unga fakakatoa mo e ngaahi lakanga fo'ou 'e 35 na'e foaki lolotonga 'o e ta'u 'o kau kiai 'a hono fili 'o Finau Moa koe pule lahi ki he kautaha Tonga Gas ko e Pule Le'ole'o ki he Kautaha Tonga Power 'o kamata lau mei he 10 Tisema 2021.

Ko e fakakatoa 'o e ngaahi lakanga fo'ou 'oku kau kiai 'a e kau ako ngaue 'e toko 19 (trainees) kuo nau hoko ko e kau ngaue tu'uma'u. Ko e toenga 'o e ngaahi lakanga fo'ou ko hono 'omai 'a e kau akongaue 'e toko fitu (7) ki he poloseki fakalelei ki he 'Elia Nuku'alofa (NNUP), ko e tokotaha ngaue akoako (apprentice) ki he Falemisini, ko e kau talitotongi (cashiers) fakataimi, koe tauhitohi akoako (trainee accountant), ko e talitali kakai lau'aho (casual receptionist) ko e le'o lau'aho (casual security) ki Vava'u pea mo e 'ofisa IT ma'olalo ki he tafa'aki IT.

Fakahiki ki ha tu'unga ma'olunga

Na'e fe'unga fakakatoa mo e toko valu na'e fakahiki ki ha tu'unga ma'olunga 'a ia 'oku kau ki heni 'a e Pule ki he Laine ki he 'otumotu Ha'apai (line supervisor) koe Pule he Poloseki (Project Manager), ko e Pule Mita (Foreman Meter Technician) pea mo e 'ofisa ma'olunga ki he falemisini ki Vava'u (Senior Power Station technician).

Fakafisi mei he ngaue

Na'e fe'unga mo e kaungaue kotoa 'e toko tahaua (12) kuo nau fakafisi mei honau ngaahi lakanga 'i he ngaue pea ko e toko valu (8) ko e kaungaue tu'uma'u pea ko e toko fa (4) ko e kaungaue lau'aho ke nau toe fekumi ki ha toe faingamalie ngaue kehe kitu'a mei he Kautaha 'Uhila.

Ko e Pule Le'ole'o ko Nikolasi Fonua na'e fakafisi mei hono lakanga 'i he 'aho 10 Sanuali 2022 ka ko hono 'aho faka'osi pe 'i he ngaue'anga ko e 'aho 10 Tisema 2021 kimu'a pea ne malolo pe mei he ngaue 'o livi. Ko e fakafisi ko 'eni 'a Nikolasi Fonua koe ma'u 'a e faingamalie ngaue kehe kitu'a mei he Kautaha. Ko e mole lahi ki he Kautaha, ka 'oku mau 'oatu 'a e talamonu ki he ngaahi ngaue 'oku hanganaki mai kiate ia ki he kaha'u.

Fakamalolo mei he ngaue

Ko e 'osifa ngaue 'e toko ua (2) na'e fakamalolo mei he ngaue ko e tokotaha talitotongi 'uhila (cashier) pea mo e tokotaha akongaue ki falemisini (power station apprentice) ko e 'osi ia hono fakakakato 'a e ngaahi fiema'u ki hono tautea'i ki he ta'e fai ki he tu'utu'uni ngaue.

Le'ole'o ki he ngaahi lakanga

Ko e kaungaue 'e toko tolu (3) na'e fokotu'u ke le'ole'o ki he ngaahi lakanga pea ko kinautolu 'eni:

- i. Makueta Latu, ko e Senior Billing Officer ke le'ole'o ki he Billing Supervisor 'o kamata lau mei he 'aho 29 'Okatopa 2021 hili 'a e malolo 'a 'Ofa Moniati.
- ii. Talolakepa Fonua, ko e Business Development Engineer ke le'ole'o ki he lakanga ko e Strategic Development Manager 'o kamata lau mei he 'aho 14 Sanuali 2022.
- iii. Painitu'uua Lie, ko e Graduate Engineer ke le'ole'o ki he Engineering Manager 'o kamata lau mei he 'aho 14 Sanuali 2022.

Ngaahi fe'ave'aki 'o e kaungaue

Na'e fe'unga mo e fe'ave'aki 'o e kaungaue 'e toko 3 lolotonga 'o e ta'u. Ko e 'ave 'a e 'ofisa ngaue mei he tafa'aki laine mei Vava'u ki Tongatapu 'i 'Akosi 2021 pea mo hono 'ave 'a e toko ua mei he tafa'aki laine mei Tongatapu ki Vava'u 'i Sepitema 2021.

Malolo mei he ngaue

Na'e 'ikai ha malolo mei he ngaue lolotonga 'a e ta'u.

Keisi mei he 'Omipatimeni

Na'e 'ikai ha lipooti mei he 'Omipatimeni lolotonga 'a e ta'u.

Ngaahi me'a kehe

Ko e ta'u kotoa 'oku kehekehe pe hono ngaahi pole, pea ko e tau 2020/21 na'e ikai ke toe kehe pea fungani 'aki 'a e ngaahi fakatamaki fakenatula pea moe koviti 19 na'a ne tu'uta ki Tonga. Lolotonga 'o e mahina ko Fepueli ki 'Epeleli 2022 ko e kaungaue na'e 'ova hake he toko fangofulu tupu na'a nau fekuki mo e mahaki koviti pea ne pau kenau mavahe ki 'api 'o malolo mei he ngaue. Ko e pole 'i he vaha'a taimi ko 'eni ko hono fakapapau 'i 'oku 'i ai ha kaungaue fe'unga ke fakahoko 'a e ngaue ki he falemisini mo e laine koe'uhi koe palopalema ne hoko ki he laine 'uhila ka ko e ngaahi fakatamaki ko 'eni. Na'e faka'ata he Kautaha 'a e ngaue 'i he taimi 'oku faingamalie ki he kaungaue 'o hange ko e faka'ata 'a e ngaue mei 'api pea mo hono vahevahe 'a e kaungaue ken au ngaue fakakulupu koe'uhi

koe malu moe mo'uilelei mei he Koviti 19 pea mo fakasi'isi'i ha'ane pipihi kae kei hokohoko lelei 'a e fakahoko fatongia ki he kakai 'o e fonua.

Na'e lahi 'a e ngaahi fiema'u mei he Poate tautefito ki he ngaahi tu'utu'uni ngaue ki he kaungaue 'a ia ne fa'u mo fakahu ki he Poate 'i he ngaahi taimi ne fiema'u ai. Ke fakapapau'i 'oku ma'u 'a e ngaahi fiema'u 'a e kaungaue, na'e fakakakato 'a e fakatalanoa 'i Tongatapu mo e kaungaue 'i he 'aho 13 ki he 'aho 27 'o Siulai 2021. Ko e fakataha fakakatoa 'e 15 pea ko e kaungaue fakakatoa 'e toko teau nimangofulu ma fitu (157) na'a nau kau ki he fakatalanoa ko 'eni 'a ia ko e 74% 'o e kaungaue kotoa 'i Tongatapu ne kau mai kiai. Ko e lipooti mei he fakatalanoa ko 'eni na'e 'osi fakahu ki he Pule Le'ole'o pea mo e Poate 'i Siulai 2021.

Na'e kei hokohoko atu hono faka'ai'ai 'e he tafa'aki HR 'a e kaungaue ke fakamu'omu'a 'a e mo'uilelei lolotonga 'a e taimi 'o e fakatamaki koviti. Neongo ne kei lahi 'a e ngaahi fatongia ki hono faka'ai'ai 'o e mo'ui lelei, ko e tu'unga li'aki ngaue ne 'i he 3.11% 'i he faka'osinga 'o Sune 2022, 'a ia oku ma'olalo 'i he taketi fakata'u ko e 5%.

Ne kei hokohoko atu hono fakahoko 'a e ngaahi palani 'a e HR ke fakapapau'u 'oku a'usia 'a e ngaahi taketi kuo fokotu'u pea ke fakatokanga'i 'a e 'ikai a'usia 'i he ivi malava 'o e timi.

FO'U MO E FAKATUPU 'O E MA'U'ANGA 'UHILA

Ko e ta'u pole lahi taha 'eni ki he Tafa'aki ki he Falemisini. 'I hono ma'u 'a e keisi koviti 'i Tongatapu ni 'i Fepueli 2022, ko e tu'unga fakatu'utamaki ki hono fakalele mo e tauhi 'o e ngaahi me'angaue ne ongo 'aupito. 'I he taimi 'e taha, 80% 'o e kaungaue 'a e Falemisini Popua na'e fakamavahe ki 'api 'o fe'unga mo e 'aho 'e 14. Na'e 'ikai ke ngata pe ai he na'e hokohoko atu 'a e ngaahi keisi mo e puke ki ha toe mahina 'e 3. Mei hono fakalele 'a e falemisini houa 'e 24 he 'aho 'e 7 mo e tu'unga 'o e kaungaue he taimi koia na'e hoko koe pole lahi ki he fakahoko fatongia. Na'e 'ikai ke mahino pe ko hai 'e lava ki he ngaue he 'aho. Pea na'e fakafiefia 'a e kaungaue ne nau loto pe kenau ngaue neongo ne nau tesi 'oku nau mo'ua 'i he koviti. Neongo ne nau puke ka na'e 'ikai ke ha mai ha faka'ilonga pea ne nau feinga mai pe ke fakakato 'a e ngaue. Na'e fai hano fokotu'utu'u ha nofo'anga ki he kaungaue ke fakamavahe mei he toenga kotoa 'o e kaungaue. Ko e ngaahi falemisini 'i he 'otu motu ne 'ikai ke fu'u uesia.

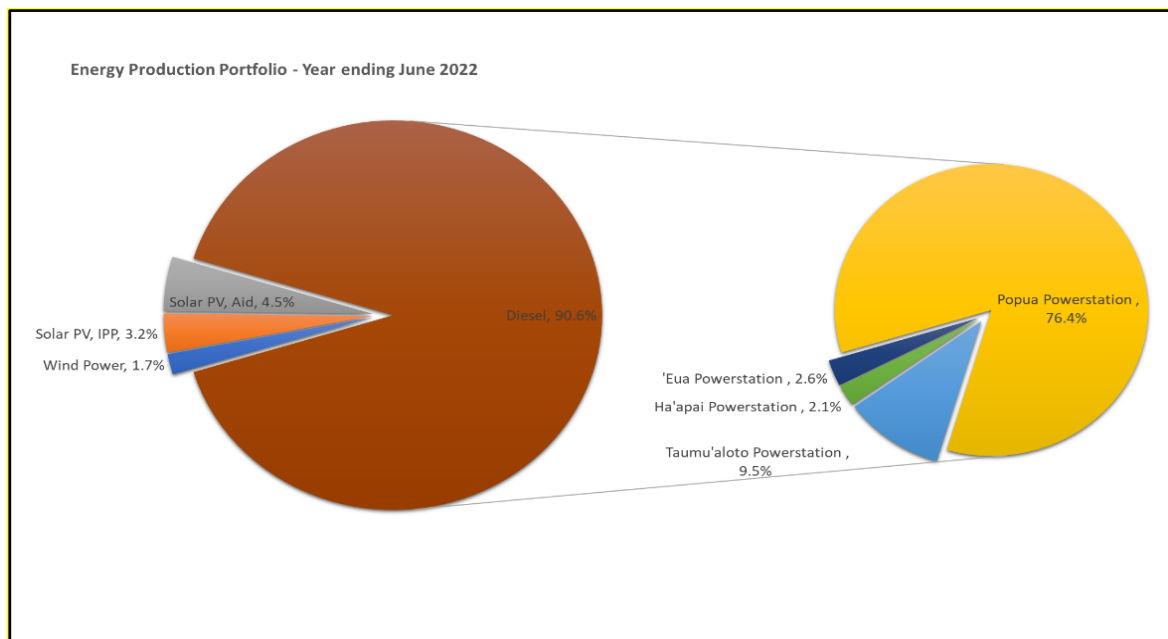
Ko e puna 'a e mo'ungaafi HTHH 'o ne fakatupunga 'a e ngaahi palopalema kehekehe tautefito ki he tufaki 'o e 'uhila. Ko e ngaahi feitu'u fo'u 'uhila kotoa 'i Tongatapu ni na'e fakafonu 'e he efu mei he mo'ungaafi. Ko e ngaahi penolo sola na'e fufulu faka'aufuli pea ne kakato ki he uike nai 'e 3 'a e ngaue ko 'eni. Toe tanaki ki he ngaahi palopalema ni, ne maumau 'a e senoleita fika 8 mei ha 'osi pe ha mahina 'e 1 pea ne toki fakatokanga'i ko e fakatupunga mei he efu ne kei tuku 'i loto 'i he alutaneita (alternator). Na'e fakahoko ki he kautaha Malu'i 'a e palopalema pea ne nau loto ke nau ngaahi kae fakafolau ke ngaahi 'i Nu'usila.

Ko e fiema'u 'uhila na'e hiki lahi kimu'a he puna 'a e mo'uingaafi pea ko Tongatapu mo Ha'apai na'e ma'olalo taha koe 4.6% 'i he mahina 'e 12 koia. Ko 'Eua na'e lekooti 'a e ma'olunga taha ko e 23% 'i he taimi tatau pe. Koe fakakatoa na'e holo ki he 3% ki Tongatapu, Ha'apai pea mo Vava'u, pea ko 'Eua na'e holo hifo ki he 10%. Ko e uesia fakakatoa ko e hiki 'aki 'a e 3.1%, fakakatoa.

Tupunga mei he toloi 'a e ngaahi poloseki ki he Ma'u'anga Ivi fakanatula koe'uhi ko e koviti 19, 'oku ha mai 'a e hiki 'i he ngaue'aki 'o e tisololo fakataha mo e hiki 'a e fiema'u. 'Oku ha mahino 'aupito 'a e hiki 'a e loto ki he faka'osinga 'o Sune, 'aki 'a e 3.4%.

Ko e ma'u'anga ivi fakakatoa na'e fo'u 'e he Kautaha 'e 77.2GWh ki he faka'osinga 'o Sune. Ko e ivi mei he tisoloko e 69.9GWh pea ko e toenga ivi 'uhila 7.3GWh ko e ivi 'uhila mei he ma'u'anga ivi fakanatula. Ko e kalafi 'i lalo 'oku ne fakaha mai 'a 'eni.

Ko e ma'u'anga ivi fakanatula 'o fakahoa ki he ma'u'anga ivi 'uhila fakakatoa 'oku fe'unga mo e 9.4%, ko e holo hifo mei he 11.0% 'i Siulai 2021. Ko e ma'olunga taha kuo a'u kiai he lolotonga 'o e ta'u ko e 13.1% 'i 'Okatopa 2020. 'Oku fakafuofua ke hiki hake ki he 23% 'osi hono huufi 'o e ngaahi poloseki Sola fe'unga mo e 6.7MW 'i Tongatapu, Vava'u pea mo 'Eua 'a ia 'e huufi kimu'a he faka'osinga 'o e ta'u 2022.



'I hono fua koia 'o hono ngaue'aki lelei 'o e lolo ki he katoa 'o e ngaahi misini fakatupu 'uhila na'e 3.90kWh/Ltr 'i he faka'osinga 'o e ta'u fakapa'anga ki Sune 2022. Ko e lahi 'o e ivi 'uhila na'e mole makatu'unga mei he ivi 'uhila na'e ngaue'aki 'i he ngaahi feitu'u fakatupu 'uhila na'e fe'unga mo e 2.76% 'o e lahi fakalukufua 'o e ivi 'uhila na'e fakatupu. Ko e ngaahi poloseki ki hono fakafaingamalie 'i hono ngaue'aki 'o e ivi fakaenatula, TREP 1 mo e 2, na'e meimei kakato mai ki he faka'osinga 'o Sune. Ko e lahi taha foki 'eni 'i he ngaahi poloseki pehe ni 'i he Pasifiki. Taimi tonu foki 'ene humai 'i he taimi faingata'a ko'eni 'oku palopalema ai 'a e ngaahi misini fakatupu 'uhila 'a e Kautaha 'i Popua. Ko e ongo ngaue ni 'oku fakataumu'a ke lava 'o tauhi 'a e hulu 'i he ivi 'uhila 'oku ma'u mei he la'a mo e havili ke tokoni ki he feto'aki 'i he ma'u'anga ivi fakaenatula.

Hange koia ne ha atu 'i 'olunga 'a e palopalema ne hoko ki he misini fakatupu 'uhila fika 8 'i Popua. Ko e tanaki atu 'eni ki he maumau ki he misini fakatupu 'uhila fika 7 'a e 'oku kei tali ki hono kongononga 'oku 'omai mei Siamane. 'Oku makatu'unga heni 'a e 'ikai ke lava

'e he ngaahi misini fakatupu 'uhila 'i Popua 'i ha ngaahi vaa'i taimi pau ke tukuatu 100% 'a e fiema'u 'a e kau kasitoma. 'Oku makatu'unga leva heni 'a e hokohoko atu 'a hono tamate'i 'o e ngaahi ma'u'anga 'uhila ke fakasi'isi'i 'a e mafasia 'a e toenga 'o e ngaahi senoleita fakatupu 'uhila. Na'e hokohoko atu 'eni 'o a'u ki he 'aho 15 'o 'Aokosi. Ko 'ene uesia fakalukufua, 'oku fakafuofua ko e 'iuniti 'e 98,000 na'e mole makatu'unga 'i he 'ikai lava 'e he TPL 'o feau 'a e ngaahi fiema'u 'uhila ko'eni.

Na'e ta'e hano tatau 'a e uesia 'a e COVID-19 'i he fakahoko fatongia. Na'e tautoloi 'ai 'a e ngaahi ngaue ki hono tauhi mo monomono 'o e ngaahi me'a ngaue makatu'unga 'i he to e loloange mo fuoloaange 'a hono 'omai 'o e koloa. 'Ikai koia pe, ka ko e ma'u mai 'o e ngaahi kongokonga na'e toe faingata'aange tupu mei he'ene si'isi'i. Na'e meimei fekuki kotoa 'a e ngaahi kautaha fakatau'anga koloa mo e palopalema tatau. Na'e 'ikai ngata pe 'a hono uesia 'e he COVID-19 'a e kau ngaue ka na'e kau atu kiai mo e ngaahi kautaha fakatau'anga koloa. Na'e a'u 'o laui uike 'a e 'ikai tali mai 'a e ngaahi fetu'utaki.

Ne lahi e ngaue ne fakahoko he ta'u ko e feinga ki he fakalakalaka ai pe 'a e tu'unga falala'anga 'o e netiueka ka 'i motu. Ko e palopalema ko e ngaahi naunau ki he ngaue ni ne 'ikai faingamalie ke lava ke fakakakato e ngaue ni. 'E kei hokohoko atu 'a e palopalema ni ki he ta'u fakapa'anga ka hoko 'i he 'etau feinga ke tau nofo mo e fakatamaki 'o e COVID.

Ko e fo'u 'o e Ivi 'Uhila

Ko e ngaahi tepile 'i lalo 'oku ne fakaha 'a e faifatongia ki he faka'osinga 'o Sune 2022.

Katoa 'o e Ma'u'anga Ivi kuo tuku mai (12 month)			
<i>Motu</i>	<i>Sune 21</i>	<i>Sune 22</i>	<i>Kehekehe %</i>
Tongatapu	63,915,074	65,806,520	3.0%
Vava'u	7,103,409	7,305,827	2.8%
Ha'apai	1,999,562	2,059,178	3.0%
'Eua	1,848,131	2,030,213	9.9%
TOTAL	74,866,176	77,201,737	3.1%

Fuel Efficiency kWh ki he lita (mahina 12)			
<i>Motu</i>	<i>Sune 21</i>	<i>Sune 22</i>	<i>Kehekehe %</i>
Tongatapu	4.00	3.99	-0.1%
Vava'u	3.78	3.70	-2.1%
Ha'apai	3.56	3.44	-3.6%
'Eua	3.38	2.92	-13.8%
TOTAL	3.94	3.90	-1.0%

Mole 'i he falemisini (mahina 12)			
<i>Motu</i>	<i>Sune 21</i>	<i>Sune 22</i>	<i>Kehekehe %</i>
Tongatapu	2.41%	2.01%	-16.8%
Maka 'i Tongatapu	0.00%	0.41%	n/a
Vava'u	0.26%	0.24%	-8.9%
Ha'apai	0.10%	0.10%	1.6%
'Eua	0.02%	0.01%	-56.4%
TOTAL	2.79%	2.76%	-1.0%

Availability factor %			
Fa'unga 'Uhila	Hingoa	Jul 21	Jun 22
Lolo	Popua Powerstation	98.6%	73.0%
	Taumu'aloto Powerstation	100.0%	78.9%
	Ha'apai Powerstation	91.5%	60.3%
	'Eua Powerstation	66.7%	32.4%

Havili, Kautaha 'Uhila	li o Manumataongo WT (Aid)	53.6%	55.3%
Sola, IPP	Matatoa Solar PV (IPP)	100.0%	100.0%
	Liukava Solar PV (IPP) - maintenance by 3rd party	n/a	100.0%
	Masilamea Solar PV (IPP) - maintenance by 3rd party	n/a	100.0%
	Fualu Solar PV (IPP) - maintenance by 3rd party	n/a	100.0%
Sola, Tokoni	Maama mai Solar PV (Tokoni)	100.0%	100.0%
	Mata 'Oe La'a Solar PV (Tokoni)	100.0%	100.0%
	La'a Lahi Solar PV (Tokoni)	0.0%	0.0%
	Ha'apai Solar PV (Tokoni)	100.0%	100.0%
	Eua Solar PV (Tokoni)	87.5%	0.0%

Vahevahe 'i he ma'u'anga ivi fakanatula (% 'o e ma'u'anga ivi fakakatoa)

<i>Motu</i>	<i>Mahina 12 (Sune 22)</i>	<i>2025 NDC 70% Taketi 'ikai ma'u</i>
Tongatapu	10.4%	59.6%
Vava'u	0.1%	69.9%
Ha'apai	20.3%	49.7%
'Eua	0.0%	70.0%
Fakakatoa	9.4%	60.6%

Ko e kaha'u

1. Ngaahi tauhi tu'upau

Ko e tauhi mo tokanga'i 'o e ngaahi misini 'i Popua 'oku fakatokanga'i. Ko e fakalelei lahi ne fai ki he ngaahi senoleita CAT pea mo MAK 'e ua 'oku palani ke fakahoko ki he ta'u fakapa'anga 022/23. 'Oku kau ki heni moe fakalelei lahi ki he G4 'i Vava'u mo e G5 mo e G6 fakataha mo e 1MW senoleita mopaila.

2. Ko e fo'u ivi 'uhila malava ke toe tanaki mai

Na'e tokoni 'a e Pule'anga 'Aositelelia koe taha 'enau tokoni ki he puna 'a e mo'ungaafi HTHH ki hono 'omai 'a e seti senoleita fo'ou ki he falemisini 'i Popua. 'Oku fakafuofua ke a'u mai ki Tonga ni 'i 'Okatopa. Ka fokotu'u, ko e senoleita Cummins KTA50 ko 'eni tene toe tanaki mai 'a e 1.6MW ki he fakakatoa ko e 14MW.

Koe fiema'u 'uhila na'e hokohoko atu 'ene tupu 'o fakalaka 'i he ivi malava 'o e ngaahi senoleita tautefito ki 'Eua pea mo Ha'apai. Ko e Cummins QSK23-G4 'e ua (2) kuo tali 'e he Poate 'o e kau Talekita ki he ongo motu ko 'eni 'a 'Eua mo Ha'apai. Ko e senoleita fo'ou ko'eni tene toe tanaki mai 'a e 0.6MW ki he ngaahi motu ko 'eni.

3. Ko e fo'u ivi mei he la'a malava ke toe tanaki mai (Tongatapu, Vava'u & 'Eua)

Ko e poloseki TREP tene toe tanaki mai ha ivi malava ki Vava'u mo 'Eua. 'Oku fakafuofua ke fakakakato ki Novema 2022. Ko Vava'u 'oku fakafuofua ke hiki hake 'a e 0.4MW 'i he ivi 'uhila mei he la'a, 'o tanaki mai ki he 0.42MW lolotonga 'oku fakafou mai 'i he Faama Sola La'alahi. Koe maka (BESS) 2MWh 'e tokoni ki he tu'unga falala'anga 'o e ivi 'oku tanaki mei he La'a.

'Oku 'i ai e palani ki 'Eua ke toe tanaki mai ha 0.3MW 'o e ivi mei he la'a, 'o tanaki atu ki he 0.2MW lolotonga 'oku fakafou mai 'i he faama Sola Huelo 'o e La'a. Ko e maka (BESS) 1.8MWh 'oku kau ia he konga 'oku tokoni mei he ngaahi sino tokoni ki hono fakapa'anga.

Ko e kautaha ko e Sunergise 'oku 'amanaki ke huufi 'a e faama sola ki Tongatapu fe'unga hono lahi mo e 3 x 2MW. Mei he 'aho 'o e lipooti ni, ko e kotoa 'o e ngaahi faama sola ko 'eni 'oku lele lelei pe.

Ko e kotoa 'o e ngaahi ivi malava ke toe tanaki mei he ngaahi faama sola ko eni tene hiki hake 'a e vahevahe 'o e ivi mei he ma'u'anga ivi fakanatula mei he 10% ki he 23% pe fakafuofua kia.

4. TREP 1 & 2 (Tongatapu)

Ko e ongo maka (BESS) ki hono tauhi 'o e ivi 'uhila kuo ngaue lelei fakatou'osi. Ka ko e faifatongia 'a e sisitemi ko eni 'oku te'eki ke fakakato lelei 'a hono tesi 'e he kautaha ko e Akuo. Ne tolotoloi hono fakakakato 'o e ngaue ni koe'uhi ko e ngaahi fakataputapui 'o e Koviti 19.

5. Fakalelei ki he fale

Ko e efu ne tatanaki mei he puna 'a e mo'ungaafi 'oku ne uesia lahi 'a e falemisini mo'ene ngaahi naunau 'oku ne malu'i e ngaahi senoleita. 'Oku fu'u fiema'u ke fetongi 'a e 'ato ukamea ki he ongo fale 'i falemisini 'oku hao ki ai 'a e ngaahi senoleita ki he tau fakapa'anga hoko. Tupunga mei he ta'apau 'o e fakapa'anga, 'oku faka'amu ke fakakato mo ha fale pe ko ha palepale ke malu kiai 'a e senoleita 'i 'Eua foki.

VA'A TUFAKI

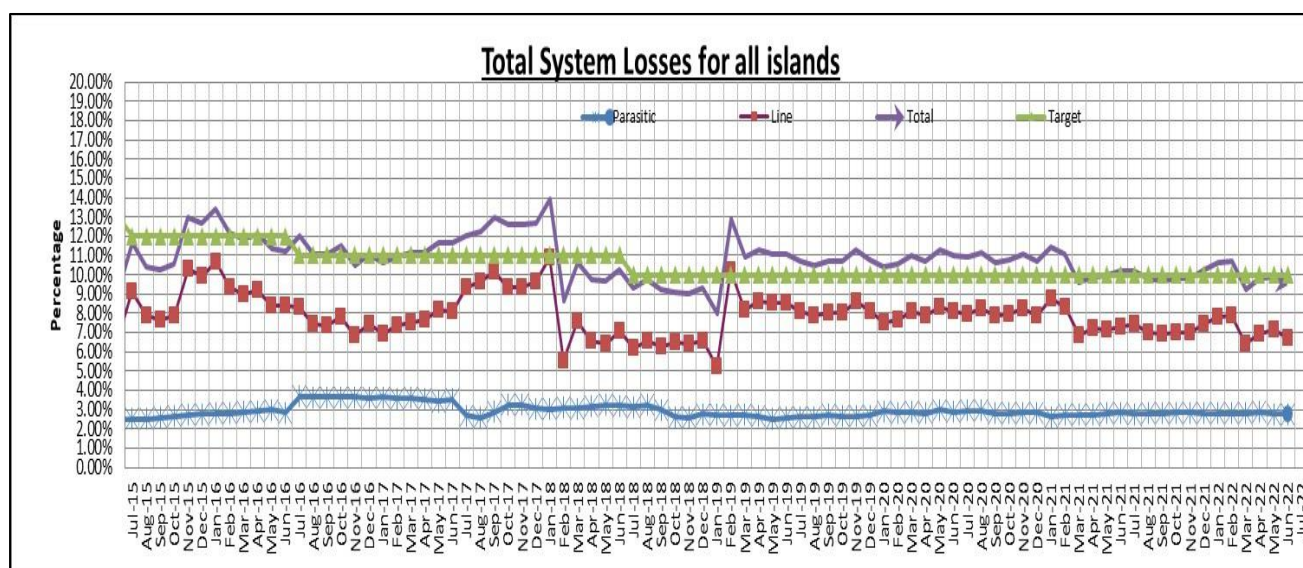
'Oku kei hokohoko atu 'a e ngaue mateaki 'a e Va'a Tufaki ke a'usia 'a e ngaahi taumu'a ngaue mahu'inga 'i he palani ngaue fakapisinisi 'a e kautaha ke hoko ko ha makamaile pea ke hoko 'a e Kautaha 'Uhila ko e taha 'i he ngaahi kautaha 'Uhila tu'ukimu'a 'i he Pasifiki Tonga. Kuo lahi 'a e ngaahi ngaue lalahi kuo fakahoko pea ikuna'i hono ngaahi ola lelei.

- 'Oku kei hoko atu 'a e ngaue malohi 'i he poloseki Fakalelei'i 'a e Laine 'Uhila 'i Nuku'alofa ki he 'Elia 3 pea kuo 'osi ma'u mo e tokoni fakapa'anga ke kamata 'a e ngaue ki he 'Elia 5 'i he ta'u kaha'u.
- 'Oku lele lelei pe hono ngaue'i 'a e poloseki ki he Ma'u'anga Ivi Fakanatula 'i he tukui motu pe Outer Island Renewable Energy Project (OIREP) ki Vava'u. Ko e ngaue ki he me'angaue tufaki fika 2 na'e kakato hono hiki mei he 6.6 kv ki he 11kv.
- Ko e konga hono 4 'a e poloseki ki he Ma'u'anga Ivi Fakanatula 'i he tukui motu pe Outer Island Renewable Energy Project (OIREP) ki Niuatoputapu kuo kamata. Ki he taimi ni, ko e ngaue ki he laini volota ma'olunga kuo kakato.
- Koe puna 'a e mo'ungaafi mo e fufulu 'o e efu na'e fufulu 'a e pou ki he volota ma'olunga 'e 4000+, ngaahi fo'i tulenisifoma mo e kamosi 'e 400+, pea mo hono toe fakalelei'i 'o e laini 'uhila 'i Nuku'alofa, koe konga 'o Vahe hihifo ki tahi pea mo 'Ohonua.
- Laka hake 'i he ngaahi ngaue lalahi 'e 1,172 na'e fakahoko 'i he ta'u ni.
- Ko e taki 'uhila fo'ou ne holo mei he 758 ki he 617 fakahoa ki he ta'u kimu'a. Ko e ngaahi naunau na'e fakatupunga 'a e holo ne kau kiai 'a e puna 'a e mo'ungaafi HTHH pea mo e Koviti 19.
- Kuo 'osi kamata hono fakalelei'i 'a e laine 'uhila mo mateuteu ai ki hono fa'u 'a e 57% 'o e Ma'u'anga Ivi Fakanatula.
- 'Avalisi tatali 'a e ma'u 'uhila ne a'usia: Fakafuofua 'a e totongi ('aho 3.4) mo e taki 'uhila fo'ou ('aho 2.38).
- Laka hake he fo'i maama hala 'e 700 kuo fokotu'u 'i he ta'u ni 'i he ngaahi motu 'e 4.
- Kakato 100% 'a e me'a fakaongo ki he fakatamaki na'e fakapipiki ki he laini 'uhila.
- Kautaha Sola IPP 'e 3 (6.9MW fakakatoa) ki he vahe hihifo ne malava ke fakahoko ki he laini pea kau kiai mo e uaea faipa ki he fetu'utaki.
- Ko e sisitemi GIS ne a'u ki he tu'unga falala'anga ko e 70% ki he ngaahi 'out motu.
- Ne kakato 94% 'a hono fokotu'u 'o e ngaahi mita simaati 'i Tongatapu 'o fakatatau ki he tokolahi kotoa 'a e ngaahi mita feisi 1 pea mo e feisi 3.
- Tokosi'i 'aki 'a e kasitoma 'e 7,400 ne tu'usi pea moe kasitoma 'e 5, ne fakahoko 'a e 'uhila 'i hono fakahoa ki he ta'u fakapa'anga kimu'a koe'uhi ko e fakatamaki 'o e mo'ungaafi HTHH mo e Koviti 19. Ne holo 'a e fakamole koe'uhi ko e ngaue'aki 'a e sisitemi 'o e mita simaati.

Malu, ko hono palani 'a e ngaahi koloa pea mo e ako'i 'o e kaungaue 'oku kei hoko ko e taumu'a fika 'uluaki 'a e Tafa'aki pea ko e tataki, ngaue fakataha mo e talitali kakai lelei 'oku kei hoko pe ko e tefito'i taumu'a ki he faka'ai'ai 'a e taautaha pea mo e ngaue fakataha.

Mole 'i he tufaki pe laine

Ko e tufaki pe mole 'i he laine ko e ma'u'anga ivi 'oku mole 'i he laine lolotonga hono tufaki 'a e ma'u'anga ivi ki he kau kasitoma 'oku fua ia ko e mole fakapeseti. Ko e si'isi'iangae 'a e mole 'i he laine, ko e leleiange ia 'a e laine 'oku tufaki ai 'ae ma'u'anga ivi 'uhila ki he kakai. 'Oku ha 'i he kalafi 'i lalo 'a e mole he sistemi ki he ngaahi motu kotoa 'o fakatatau ki he taketi ko e 10.0% mo e ngaahi me'a 'oku ne fakatupu 'a e mole 'i he laine:



Ko e mole fakakatoa 'i he sisitemi 'i he ngaahi motu 'e fa 'oku holo'aki 'a e 11.7% 'i he 2015 ki he 9.5% 'i he faka'osinga 'o Sune 2022. Ko e mole 'i he laine ko e kongia ia 'o e mole fakalukufua 'i he sistemi 'oku holo mei he 9.15% 'i he 2011 ki he 6.7% 'i he 'osi 'a Sune 2022. 'I he ngaahi ta'u kuohili, na'e tokoni 'a e lolo 'oku fakahaofi ki hono fakasi'isi'i hono ngaue'aki 'a e tisolo pea fenapasi ia mo e feinga ke holoki 'a e totongi 'uhila.

'Oku mau 'amanaki 'e toe leleiange 'ae mole 'i he laine 'i ha taimi 'e kakato ai 'a e ngaue ki he ngaahi poloseki ki hono fakalelei'i 'a e laine 'uhila 'i Nuku'alofa (NNUP) mo Vava'u ko e

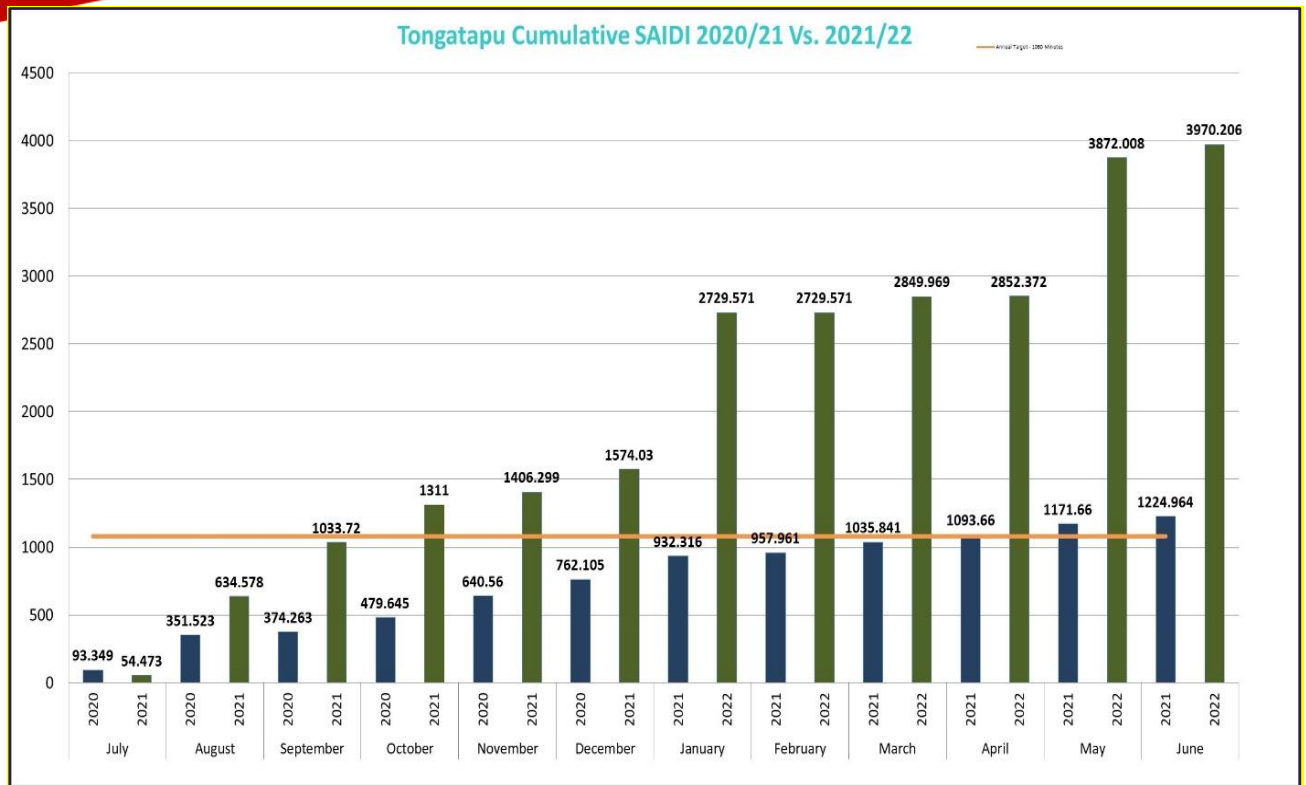
konga foki ia 'o e poloseki OIREP. Kaikehe 'oku te'eki ai ke aofangatuku 'a e konga faka'osi 'o e pa'anga ke fakakakato'aki 'a e ngaue 'i he poloseki NNUP.

Me'afua falala'anga (Tongatapu)

'Oku fakaha mei he ngaahi me'afua falala'anga 'a e 'avalisi 'o e taimi 'oku mate ai ha 'uhila ha tokotaha tupu mei ha maumau/palopalema 'a e laine 'uhila 'i ha vaha'a taimi pau. Ko e taha 'i he ngaahi me'afua falala'anga tefito ko e SAIDI (System Average Interruption Duration Index).

Ko e SAIDI ko e me'afua 'oku faka'avalisi'aki 'a e taimi 'oku mate ai 'a e 'uhila ha tokotaha. 'Oku ha atu 'i he kalafi 'i lalo 'a e lahi 'o e SAIDI ('i he miniti) ki he mahina 'e 12 mei Siulai 2021 ki Sune 2022 'o fakahoa ki he ta'u kimu'a atu.

Lolotonga 'a e mahina 'e 12 kuo 'osi, ko e 'avalisi 'o e taimi ke mate/motuhia ai ha 'uhila 'o ha tokotaha ko e miniti 'e 3970 (houa 'e 66) fakahoa ki he miniti 'e 1224 'i he 2021. Na'e fakatupunga 'eni mei he ngaahi tamate lalahi na'e 'osi palani ke fakahoko koe'uhi koe Poloseki ki he fakalelei 'o Nuku'alofa (NNUP) pea pehe ki he ngaue ki he fakama'ama'a uta mei he falemisini pehe foki ki he mate 'a e 'uhila mei he ngaahi fakatamaki 'i he hala Pule'anga. Na'e lekooti 'a e mate/motuhia 'a e 'uhila na'e palani mo 'ikai palani 'e 2,386 'i he ta'u fakapa'anga 2021/22. 'Oku ngaue'aki 'a Tongatapu ko e me'afua koe'uhi ko e tokolahi taha 'a e kau ma'u'uhila.



TAFA'AKI FAKALAKALAKA FAKANGAUE

Ko e ngaahi fakakaukau, ngaahi fokotuutu'u ngaue mo e ngaahi ngaue 'oku fakataumu'a ki hono tataki 'o e Kautaha ki he toe leleiange pea mo hono tukumai 'o ha ngaahi tefito'i mo'oni fakafika mo saianisi ke fa'u 'aki ha ngaahi solova'anga ki he palopalema fakatekinikale. Ko e ngaahi tefito'i mo'oni'i me'a ki he tafa'aki fakalakalaka ngaue 'o e Kautaha ke a'usia 'a 'ene ngaahi taumu'a mo e visone 'oku faka'amu ke a'usia. Neongo e ngaahi fakatamaki ne fepaki mo e Kautaha he lolotonga 'o e ta'u, ka na'e tuku 'a e tokanga ki ha fakakaukau fo'ou mo fakaonopooni ke a'usia 'a e ngaahi taumu'a ngaue.

Hili 'a e fakafisi 'a Nikolasi Fonua mei he lakanga Pule 'o e tafa'aki, ne faingata'a ke fakamavahe'i 'a e ngaue faka'enisinia mei he ngaue 'a e tafa'aki Strategic Development neongo 'oku na felave'i ka 'oku takitaha 'a e fatongia. Kaekehe, ne hoko 'eni kene fakaava ha faingamalie ki he timi ke maa'usia ha tu'unga ngaue 'oku toe lelei ange 'oku tokanga taha pe ki he tefito'i fatongia. Ne fakasi'isi'i 'a e ngaue fakakaungaue ka na'e kei malava ke fakahoko 'a e ngaue pea mo liliu 'a e tafa'aki ki he Strategic and Development.

1. Ke 'ausia 'a e 50% fakahaofi 'o e lolo mei he ivi fakaenatula 'i he ta'u 2020-2025 ke a'usia 'a e taumu'a 'a e Pule'anga

a. Me'afua Havili (Lidar) kuo fokotu'u 'i Vava'u

Ko e poloseki na'e fakahoko ia 'i he fengaue'aki 'a e PPA-Pacific Power Association (sino tokoni) moe Kautaha ke fakapapau'i koe feitu'u kuo fili ke fakahoko ai 'a e poloseki (Tu'anikivale, Vava'u) ko e feitu'u fe'unga ke fokotu'u ai 'a e Tapili Havili tokoni ko 'eni. Ko e taimi 'o e poloseki kuo 'osi ngata 'a e teemi 'o e Konituleki Ngaue ka 'oku kei 'i ai 'a e ngaahi me'a ki he ngaahi ma'u'anga fakamatala 'oku fiema'u ke to'o hangatonu mei he feitu'u 'o e poloseki; 'e fakapapau'i 'a e kakato 'o e fiema'u fakamatala ki he taimi koia ke 'ave ki he tokotaha 'oku ha'ana 'a e ngaue ki he ta'u fakapa'anga ka hoko.



b. Me'afua Havili ki 'Eua

Ko e 'iuniti 'e ua 'oku fakafuofua ke fokotu'u ki 'Eua, ka ko e taimi ni 'oku kei fakapapau'i 'e he PPA 'a e konituleki fengaue'aki kae tukumai ke toe fai hano siofi 'e he ongo tafa'aki ki he taumu'a lelei taha pea mo fakamo'oni ki ai 'a e ongo fa'ahi loua.

c. Ma'u'anga Ivi Iiki - SDG

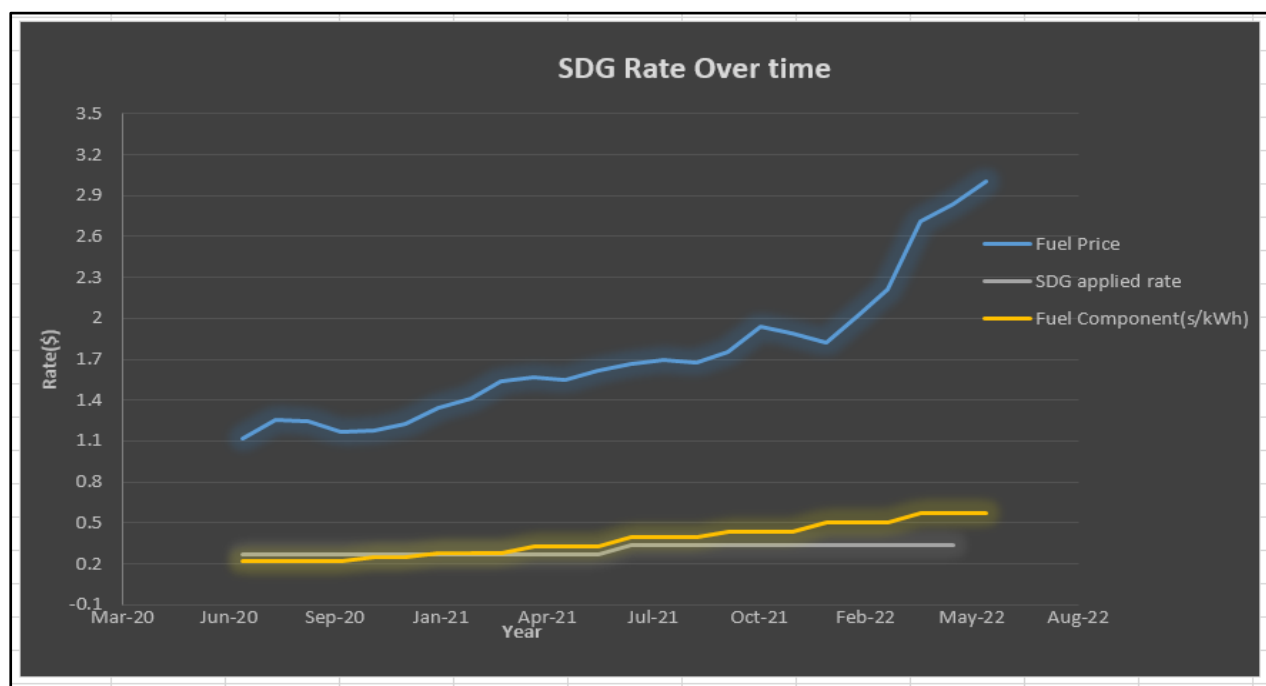
Mei hono poupoua 'a e taumu'a ki hono teke 'o e Ivi fakanatula 'oku kei hokohoko atu hono tu'uaki mo faka'ai'ai 'a e fanga ki'i ma'u'anga ivi iiki 'o hange ko e ma'u'anga ivi 'oku fokotu'u ki he 'ato 'o e fale, fanga ki'i tapili iiki pe ko ha toe ma'u'anga ivi fakanatula kehe pe.

Totongi 'o e SDG

Mahina	Totongi Lolo	Totongi 'ikai kaunga ki he lolo	Totongi 'Uhila	Totongi Lolo	Totongi SDG /Totongi i Lolo	Totongi SDG ke hilifaki	Totongi 'avalisi/ totongi lolo)	Kehekehe (Totongi ke hilifaki-'Avalisi)
Siu-21	0.4004	0.4067	0.8071	1.6683	0.3411	0.3411	0.42235	0.08125
'Ako-21	0.4004	0.4067	0.8071	1.6913	0.3411			
Sep-21	0.4004	0.4067	0.8071	1.6757	0.3411			
'Oka-21	0.4345	0.4067	0.8412	1.7593	0.3786			
Nov-21	0.4345	0.4067	0.8412	1.9436	0.3786			

Tise-21	0.4345	0.4067	0.8412	1.8869	0.3786			
San-22	0.5034	0.4067	0.9101	1.8212	0.3786			
Fep-22	0.5034	0.4067	0.9101	2.0235	0.4161			
Ma'a-22	0.5034	0.4067	0.9101	2.2099	0.4161			
'Epe-22	0.5724	0.4067	0.9791	2.7111	0.5286			
Me-22	0.5724	0.4067	0.9791	2.8417	0.5661			
Sun-22	0.5724	0.4067	0.9791	3.0020	0.6036			

Mei he tepile 'i 'olunga, te tau fakatokanga'i ko e totongi 'oku toutou ha koe \$0.3786 ka ko e totongi 'oku hilifaki ko e \$0.3411 'oku ha 'i he tu'utu'uni ngaue 'oku ngaue'aki ki he ta'u kakato.



Mei he kalafi 'i 'olunga, 'oku fakatokanga'i 'a e hikihihi 'i he totongi 'o e lolo tupunga mei he hikihihi 'a e totongi mei he Kautaha fo'u lolo ka 'i he taimi tatau koe lau 'a e tu'utu'uni ngaue ko e totongi 'e ngaue'aki ki he SDG kuopau ke fenapasi moe totongi 'o e 'uhila 'oku kaunga ki he lolo kuo tali 'e he Komisoni 'Uhila pea 'oku toe fakaha mai pe he kalafi 'a e kehekehe lahi 'i he totongi 'oku hilifaki pea mo e totongi 'o e 'uhila kaunga ki he lolo 'a ia oku ha ia 'i he kehekehe koe \$0.1569 'i he totongi 'uhila kaunga ki he loloa koe \$0.7065 pea moe totongi kuo hilifaki ko e \$0.6036. 'Oku fakaha 'a e fiema'u ke fai ha ngaue ki he

tu'utu'uni ngaue ke lava ke fai hano liliu pea moe fokotu'u 'o fakatatau ki he tu'utu'uni ngaue 'o anga peheni: **Fokotu'u: ngaue'aki 'a e \$0.6036 ki he ta'u fakapa'anga 2022023.**

2. Fakalalakaka 'a e netiueka pea mo fetongi e ngaahi me'angaue motu'a he laine ke faka'ai'ai 'a e malu, lelei pea mo falalala'anga 'o e netiueka

a. Fokotu'u ha ngaahi me'afua 'o e ngaue

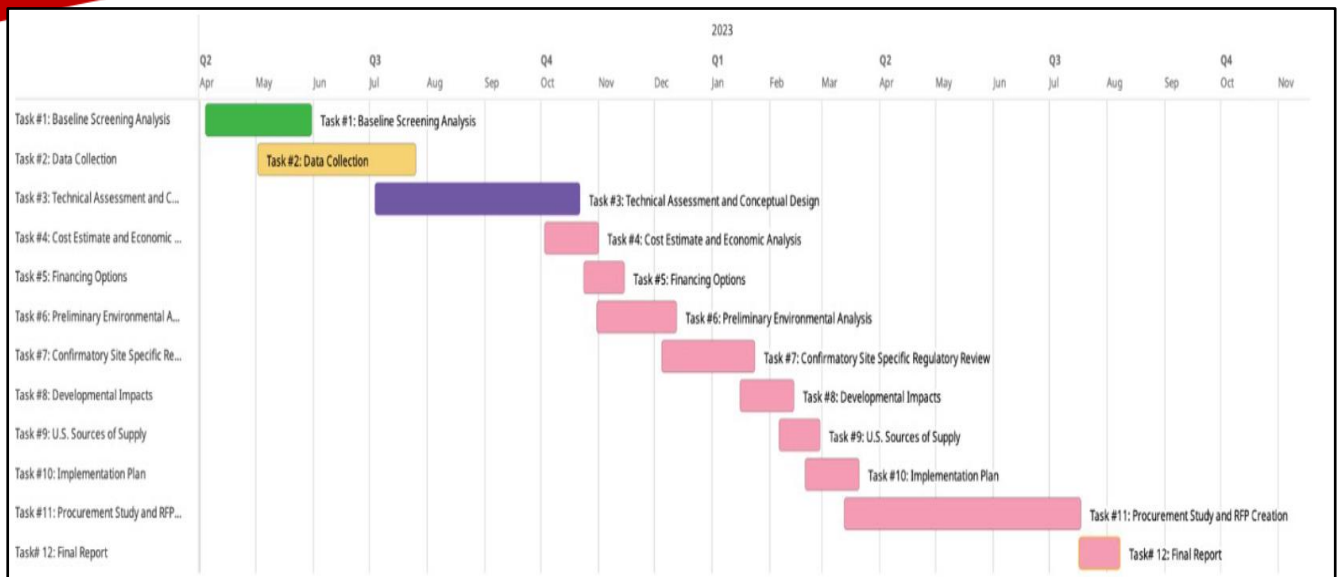
Ne lava 'a e fetu'utaki 'a e Tafa'aki ki he PPA-Pacific Power Association lolotonga 'a hono fakahoko 'a e kii fakataha 'i he 'initaneti ki he fakahoa 'o e ngaue pea mo e kau ngaue tekinkale 'a e Kautaha (Tafa'aki 'Enisinia, Tufaki, Palani mo e Va'a Tufaki) 'a e mahu'inga 'a e ngaahi me'afua fakafehoanaki ki hono fakalele mo tokanga'i 'a e Kautaha.

b. Ako ki he kuliti/laine

Mei he fengau'e'aki 'i he vaha'a 'o e GridMarket, The Island Resilience Partnership (IRP), mo e Kautaha MEIDECC 'i 'Okatopa 2019, ne malava ke ma'u ha pa'anga tokoni mei he Kautaha ko e United States Trade and Development Agency (USDTA) 'i ha fengau'e'aki 'a e GridMarket mo e Kautaha 'Uhila ke fokotu'u mo fakahoko ha ngaahi ako ki he fakalalakaka 'o e Ma'u'anga Ivi Fakanatula.

Ko e GridMarket ko e peletifoomu fakamamani lahi 'oku ne tokanga'l 'a e ma'u'anga fakamatala mo hono ako mo siofi ke poupou ki he Pule'anga pea mo e Kautaha 'Uhila 'i hono fokotu'utu'u mo fakahoko 'a e nga'unu ki he ma'u'anga ivi fakanatula ke lelei. Ko e kautaha foki 'oku nau ngaue'aki 'a e founa ngaue fakalalakaka fakatekinolosia 'i ha fa'ahinga feitu'u pe.

Mei hono ngaue'aki 'o e ngaahi fakamatala fakalotofonua pe mo ha ngaahi me'angaue fakaonopooni, koe GridMarket 'oku ne fakatahataha 'a e ngaahi fakaikiiki kotoa ki he poloseki 'o fakataha'i ki he palani fakalukufua ke fakafaingofua 'a hono fakahoko 'o e ngaue, kumi ha tokoni fakapa'anga pea mo ha founa fakatau 'oku mateuteu. Ko e kautaha USTDA kuo nau mateuteu ke tokoni mai 'a e \$1.4 miliona USD ki he ako ki he kuliti 'oku fe'unga mo e \$1.8 miliona USD pea koe fakaikiiki 'oku fakaha 'i lalo:



Tu'unga 'o e ngaue – Ko e Ngaue Fika 1 kuo kakato: #1 Koe vakai'i 'a e Baseline Screening pea kamata mo e Ngaue Fika 2 ko e Tanaki Fakamatala.

3. Faka'ai'ai ha 'ataakai 'oku malu ke fakasi'isi'i ha palopalema ki he kakai mo e kaungaue

a. Launga he Mo'ua 'Uhila

'Oku kei hokohoko atu 'a 'emau tokoni ki he kakai 'o e fonua 'o fakafou 'i hono fa'u 'o e ngaahi polokalama 'i he mitia fakasosiale fekau'aki mo e malu mo e mo'uilelei 'o e kaungaue. 'I he 'osi 'a e puna 'a e mo'ungaafi, ne lahi 'aupito 'a e ngaahi launga ne fakafou mai 'i he va'a tali launga 'o kaunga ki he ma'olunga 'aupito 'a e mo'ua 'uhila pe koe a'u 'a e ngaahi mo'ua 'o liunga ua mo liunga tolu mei he angamaheni. 'Oku teuteu he timi 'a e polokalama ke kei hokohoko atu hono ngaue'aki 'i he Ngaahi Tafa'aki ki hono tali ha toe fiema'u mei he kakai fekau'aki mo e mo'ua 'uhila.

b. Ngaahi Launga mei he fakama'ama'a Uta

Ko e falemisini na'e 'ikai ke malava ke a'usia 'a e fiema'u 'uhila mei he kakai 'o e fonua pea na'e toe hiki ki 'olunga 'a e launga koe'uhi ko e matemate mo mo'ui taimi kehekehe 'a e 'uhila 'i ha ngaahi feitu'u kehekehe pe. 'Oku kei hokohoko atu 'emau poupu ki he kakai 'o e fonua 'aki hono fakaha 'a e ngaahi feitu'u 'oku hoko ai 'a e mate 'i he facebook, ko e televisone, moe letio kimu'a pea mate 'a e 'uhila pea toe fakamo'ui.

c. Tu'usi mo e hoko

'Oku hokohoko atu hono fakahoko ki he kakai 'a hono tu'usi 'o e 'uhila ta'etotongi fuoloa 'i he facebook, ko e ngaahi fakamatala 'i he telefoni to'oto'o pea mo fakamahino ki he kakai 'oku malava ke tata 'a e 'uhila 'i he fakamo'oni ha aleapau mo e Kautaha kapau 'oku faingatamaki fakapa'anga.

d. Ngaahi Mitia mo e Ngaahi polokalama ki he Kakai 'o e Fonua

MON 28	TUE 29	WED 30	THU 31	FRI Apr 1	SAT 2
Disco-Reco Leaflet Distribution					
				Web Homepage Focus	
4	5	6	7	8	9
Disco Reco FB Post 1 Disco & Reco SMS Rollout TBC Safety Ads	90 FM Talkback Digi Safety Ads	Disco & Reco E-Notice Kakalu Kele'a Newspaper Taimi 'o Tonga	Dico Reco FB Post 2 87.5FM Talkback TBC Ads	Disco & Reco SMS Rollout Digi Safety Ads	☒ E-Media ☒ Email Communications ☒ Facebook Communications ☒ Print Media ☒ RADIO COMMUNICATIONS ☐ Reminders ☐ Reminders ☒ SMS Communications ☒ Tasks ☒ TV COMMUNICATIONS ☒ Website Communications
11	12	13	14	15	
Safety FB Post 1 TBC Ads	88.1FM Talkback Digi Safety Ads		Safety FB Post 2 87.5FM Talkback TBC Ads	Digi Safety Ads	
18	19	20	21	22	
Disco Reco Post 3 Disco & Reco SMS Rollout TBC Ads	90FM Talkback Digi Safety Ads	Disco & Reco E-Notice	Disco Reco Post 4 87.5FM Talkback TBC Ads	Disco & Reco SMS Rollout Digi Safety Ads	
25	26	27	28	29	30
Safety FB Post3 TBC Safety Ads	90FM Talkback Digi Safety Ads		Safety FB Post 4 87.5FM Talkback TBC Safety Ads	Digi Safety Ads	

4. Fakalakalaka e founa ngaue ke faka'ai'ai 'a e fiemalie 'a e kakai/kaungaue kae teke ha timi lelei mo mo'ui lelei

Ko e taumu'a tefito 'a e Kautaha ko hono teuteu mo fokotu'u ha ngaahi tefito'l mo'oni mo e fakakaukau pe ngaue ki he Kautaha, ko e 'uluaki sitepu ko e tali 'e he Timi kef ai 'enau takitaha ngaue 'o faka'fou 'i hono fa'u mo alea'i 'a e Palani Fakata'u 'a e Kautaha ke muimui kiai ki he ta'u 'e nima ka hoko. Ko e ngaue ni ne fai 'e he Tafa'aki Risk and Compliance ka kuo fakafatongia 'aki 'a e Tafa'aki Strategic 'a e Kautaha.

'I he ta'u kotoa 'oku 'i ai 'a e fiema'u 'a e Ma'umafai 'o faka'fou 'i he Kautaha 'a e Ngaahi Pisinisi 'a e Pule'anga kuopau ke fakahu 'e he Kautaha 'a e Palani Ngaue ki he ta'u fakapa'anga hokomai 'o fakaikiiki 'a e ngaahi ngaue tenau fakahoko. Kuo fai e ngaahi

liliu ki he ngaahi tefito'i ngaue kae malava 'a e ngaahi Tafa'aki 'o fengaue'aki mo mahino 'a e me'afua (KPI) 'a e tokotaha ngaue mo hono a'usia 'o e taketi.

5. Tokangaekina e ngaahi tokoni fakapa'anga ke fakaivia e Ma'u 'Inasi

5.1 Ako ki he Kuliti – Ko e ako ko eni ne faingata'a ko e tu'utu'uni 'a e Pule'anga ki he Kautaha 'a e GridMarket ke feinga'i 'a e taketi 70% lolotonga koia 'oku fokotu'u mai mei he ADB ken au fai moe ako tatau mei he toenga 'o 'enau patiseti kef ai 'a e ngaue ko 'eni ke a'usia moe taumu'a ngaue ki he a'usia 'a e ivi fakanatula ki he peseti 'e 70.

5.2 Aleapau ke ngaue'aki 'a e pou'uhila mo e kautaha Digicel – Ne fai e fakatangi mei he kautaha Digicel ki he Kautaha mei hono liliu 'enau ngaahi me'angaue ki he netiueka mei hono ngaue'aki 'o e microwaves tower ki he faipa. Mei he fiema'u ko 'eni na'e teuteu leva ha konituleki ki he ongo faha'i kena lototaha kiai kae ngaue'aki 'e he Digicel 'a e Pou 'Uhila ke fakakapiki kiai 'a 'enau me'angaue FOC. 'Oku teeki ke kakato 'a e ngaue ni pea 'oku 'i ai 'a e faka'amu 'e fakamo'oni 'a e Aleapau 'i he ta'u fakapa'anga ka hoko.

5.3 Fetukutuku 'a e Kau Kanokupolu – 'Oku tokanga 'a e Kautaha ke siofi ha ngaahi tafa'aki 'e ma'u mei ai ha tokoni ki he ngaahi taki 'uhila fo'ou kotoa ko 'eni kae 'oua tene toe uesia 'a e Palani Ngaue mo e Patiseti kuo 'osi fokotu'u.

5.4 Pulusi 'oe Tohi: Archipelagos: Perspectives on Energy Challenges, Priorities, and Opportunities for Hydrogen Energy of Tonga – 'Oku fengaue'aki 'a e Kautaha pea mo Setitaia Chen (Pule Malolo) ki hono fa'u ha tohi ke vahevahe 'a e ngaahi taketi 'oku fou atu ai 'a e Kautaha 'Uhila pea mo siofi ha ngaahi founa fo'ou 'o hange ko e Hydrogen. 'I he 'aho ni, kuo kamata ke nga'unu 'a e ngaahi fonua 'o mamani ki he hydrogen fakataha mo hono fakangatangata mo ta'ofi 'a e uesia kovi 'a e carbon 'oku tukuange ki he 'ea 'a ia koe faingamalie 'eni ke ma'u ha tokoni ki hono teke ai pe 'a e taketi ki he Ma'u'anga Ivi Fakanatula. Na'e fakahu 'a e pepa ki he fakataha lahi na'e fai ki he Hawaii 'a e Institute of Science for Global Policy.

1.1 Faama Sola Mekauati 6 IPP

Solar Locations – Western District of TBU

The map displays the Western District of TBU with various locations marked. Three inset images show solar farms:

- Liukava Solar Farm**
- Masilamea/Ha'utu Solar Farm**
- Fualu Solar Farm** (2.3Mw_Fualu)

Other locations labeled on the map include: Good Samaritan, Kankupou, Ha'akali, Koroia, Ha'averatolo, Fua, Tsunami Res, Fafeta, Drapel Tower, M, Vaotu, Houma, Mapu'a Vaea Blowholes, Fafeta, Nukualofa Tonga Temple, and Kolomotu'a.

1.2 TREP_03 Fika 1 - 350 kW Faama Sola mo e 400kW/ 900 kWh Maka ki 'Eua mo e 300 kW Faama Sola mo e Maka 900 kW/ 450 kWh ki Vava'u

Ko e kautaha ko e Infratec NZ ne nau fakahoko 'a e ngaue ki he poloseki ko'eni 'o fengau'e'ai fakataha mo e Kautaha 'Uhila pea mo e timi ngaue ki he poloseki lolotonga 'a e taimi ki hono fai 'o e poloseki.

Vava'u

Ko e fo'unga 'o e ngaahi penolo sola, ko hono fakava'e pea mo e ngaahi ngaue ki he fakauaea kuo kakato kotoa. Ko e maka ki he poloseki ko 'eni ne ma'u ia 'i he mahina ko Sune pea ne fakahoko ai pe hono fokotu'u. Ko e ngaahi maka ko 'eni mo hono ngaahi naunau kuo 'osi fakama'u pea mo fakauaea kakato katoa. Ne toe hoko atu ki heni mo hono fokotu'u 'o e ngaahi penolo kene pule'i 'a e maka pea mo fokotu'u 'a e 'ea fakamokomoko 'i he loki Pule'i 'o e falemisini.



TREP 03 Fika 1 Vava'u

'Eua

Ko e ngaahi me'angaue ne fiema'u ke fakakakato 'a e ngaue ki hono fokotu'u 'a e ngaahi paila mo e ngaahi 'esia kuo 'osi 'ave kotoa ki he feitu'u 'o e poloseki. Ko e kautaha 'uhila 'oku nau fakahoko e ngaue (JH Electrical) kuo mei kakato e ngaue ki hono fokotu'u e me'a malu'i ki he laini 'oku fengau'e'aki mo e ngaahi PV array 'o e sola. Ko e ngaahi ngaue ke fakakakato 'oku kau kiai 'a e fokotu'u 'o e ngaahi naunau ki he 'a mo e ngaahi pooti mo e ngaahi naunau ki he malu 'o e me'a faka'uhila kuo fokotu'u ki he falemisini, tukukehe ange

'a e tafa'aki ki he ngaahi misini senoleita pea mo e Maka. ko e fakauaea ki he laini volota ma'olalo 'i he fehokotakinga 'o e ngaahi penolo sola pea mo e tulenisifooma.



TREP 03 Lot 1 'Eua site

1.3 Havili (China)

Ku toe teke mai 'e Siaina 'a 'enau tokoni 3 * 750kW (2.25MW) ki he Faama Havili ki henau ngaahi tokoni ke fakavave'i. 'A ia ko e Pule'anga Siaina, mo e Putungaue Meidecc mo e Kautaha 'Uhila 'oku nau fengaue'aki ke feinga'i 'a e ngaue ke lava pea ke fakahoko. 'I he taimi ni, ko e tu'unga 'oku 'i ai a e fakatau 'o e konga kelekele ki he Faama Havili, ko e 'api tukuhau 'e 3 'oku fiema'u ki he faama pea ko e kau ma'u'api 'oku fakafuofua ke fa'u ha aleapau ki he kaha'u vave mai, pea koe Pule'anga Siaina ten au kamata 'a hono fakatau mo hu mai 'a e fuofua uta 'o e ngaahi naunau mo e me'angaue 'e fiema'u ki he Poloseki 'amui ange.

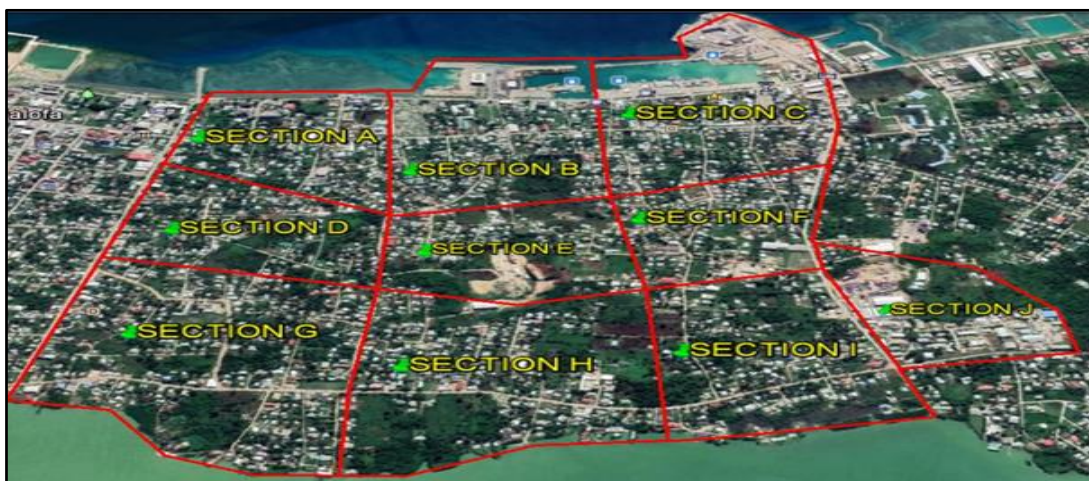
2. NGAHI NGAUE KI HA IVI 'UHILA 'OKU MA'A

2.1 Poloseki ki he Langa Fakalakalaka 'o Nuku'alofa (NNUP)

'Oku fakaofi atu 'a e Poloseki ki hono langa fakalakalaka 'a e laini ki Nuku'alofa (NNUP) ke kakato 'a e 'Elia hono 3 ki he faka'osinga 'o Tisema 2022. 'Oku fe'unga pe 'a e fakamole fakatatau ki he patiseti ki he poloseki he faka'osinga 'o Sune 2022. Ko e pa'anga 'e haofaki mei he poloseki ko 'eni 'e tipeni mei he ngaahi ngaue 'e fakahoko ofi ki he kakato 'a e

poloseki. 'I he faka'osinga 'o Sune 2022, ko e kasitoma kotoa 'e 1536 kuo nau fakahoko 'enau taki 'uhila fo'ou ki he laini. Ko e ngaahi taki laini fo'ou 'e 43 ko e ngaahi pisinisi pea koe kau kasitoma lolotonga pea ko e toko 91 ko e fuofua taimi 'eni ke nau ma'u 'uhila. Ko e pa'anga kuo foaki ki he ngaue ko 'eni kuo ma'u he taimi mo pau. Koe tokoni 'a e EU (\$3 miliona) na'e ma'u mai 'i Fepueli 2021 pea ko e konga 'uluaki (\$3 miliona AUD) ne totongi mei he DFAT ne humai 'i Sune 2021. Ko e konga hono ua (\$1.3 miliona AUD) ne humai 'i Me 2022. Ko e konga faka'osi (\$1 miliona AUD) 'oku 'amanaki ke hu mai 'i Sepitema 2022. Ko e 'elia 5 'o e NNUP kuo fakapapau'i 'a e tokoni mei he Pangike Fakalakalaka 'Esia (ADB) ko e \$5 miliona USD fakataha mo e tokoni 'a e EU (\$2 miliona EURO) pea ko e aleapau fengae'aki na'e osi fakamo'oni 'i 'Epeleli 2022. Ko e aleapau ko 'eni kuo liliu ki he ADB ken au fakapa'anga kakato 'a e 'Elia 3 pea ka kakato pea 'e kamata leva 'a e fakatau.

'Elia 3:- Fasi, Pili, Ngele'ia, Pahu, Mataika and Halaleva.



Vahevahe 'o e 'Elia 3 ki he Ngaahi Konga Lalahi

2.2 Poloseki ki he fakalelei 'o e netiueka ki he ngaahi motu (OIREP)

Ko e Konga hono 3 'o e ngaue ki he fakalelei 'o e netiueka ki Vava'u kuo ofi ki he 70% pea kakato. Ko e koviti 19 na'a ne uesia lahi 'a e ngaue ni pea fakatuai 'a e fakakakato 'o e ngaue ni, koe'uhi ko e lokoloka 'i he fefolau'aki pea koe ngaahi fakangatangata. Ko e lahi taha 'o e ngaue ki he fakalelei ki he volota ma'olunga kuo kakato, laka hake 'i he 50% 'o e ngaahi volota ma'olalo kuo kakato pea ko e 35% 'o e ngaahi uaea 'oku fakatoka he kelekele kuo kakato foki. Ko e tu'u he taimi ni ko e ngaue ki hono fakalelei 'a e netiueka 'oku lolotonga fakahoko ki Mataika mo Holonga.



Ko e 'a'ahi 'a e Hai Komisiona 'Aositelelia ki he OIREP

2.3 TREP 01 & 02 Popua – Maka ki hono Pukepuke. Matatoa – Maka ki he Uta

Ko e ongo poloseki ki he Maka ne kakato ia ki he faka'osinga 'o e ta'u 2021. Ko hono fakalele 'o e Maka (BESS) 'oku tokangaekina he tafa'aki ki he Falemisini fakataha mo e tokoni 'o fakafou he 'initaneti mei he Kautaha koe Akuo 'oku nau fakahoko fatongia mei Falanise. Ko e Maka ki he fetu'aki 'a e Uta, 'oku kei 'i ai pe 'a e ngaahi kongokonga 'oku fiema'u ke fetongi pea mo tesi kae malava ke faifatongia kakato 'a e Maka. 'Oku fiema'u ki he Kautaha Akuo ke fakafolau mai 'enau kau 'Enisinia ke tokoni ki hono huufi 'a e Poloseki TREP 02 'i hono toe fakaava ko 'eni 'a e ngaahi fakataputapui 'i he fefolau'aki.

2.4 Sisitemi ki he Tukuange moe Tufaki (GDMS)

Ko e sisitemi ki he Tukuange mo e tufaki 'oku 'aonga ki hono fakalele mo siofi fakalelei mo fakapotopoto 'a engaue kotoa 'i he laini pe koe ngaahi ngaue kotoa ki he kuliti 'o hange koe Maka (BESS), ko e ngaahi senoleita (Tisolo, Havili mo e Sola), ko e ngaahi kamosi he Netiueka (ngaahi hoko 'i he laini mo e me'a malu'i), Ngaahi me'angaue fakatokanga (mita simaati, palopalema 'i he laini, ngaahi mita he tulenisifooma) mo e ngaahi sapusiteisini (RTUs). Ko e tohi tala mahu'inga ki he ngaahi ngaue ni kuo kakato pea kuo foaki mo e ikuna. 'I he taimi ni, ko hono talanoa'i 'o e ngaahi konga kehekehe 'o e poloseki kuo kamata 'o kau kotoa kiai 'a e ngaahi fiema'u fakalao mei he ngaahi kupu fengaue'aki.

ME'AFUA 'O E NGA'HI POLOSEKI

Fakafa'ahinga	Ko e Poloseki	Fakaikiiki	Tu'unga 'oku 'i ai (%)	'Aho taketi ke 'osi ai
Ivi mei he La'a	Sola IPP 'a e Kautaha Sunergize	6MW	90%	Liliu e 'aho huufi mei 'Okatopa ki Tisema ko e finangalo 'o 'ene 'Afio. Fakatatali e 'aho totonu ki he huufi.
	TREP Sola ki Éua & Vavaú	650KW	85%	Taketi ke kakato 'a Vava'u ki 'Okatopa pea Novema 'a 'Eua.
Ivi mei he Havili	Havili 'o e Pule'anga Siaina	2.8MW	5%	Te'eki ha 'aho pau ke kakato kiai. Ka 'o ka fakakato 'a e ngaue ki he konga 'api kimu'a 'i Tisema, pea 'e kamata ai pe ngaue 'i he konga kimu'a 'o Tisema.
Sisitemi ki he ngaahi Maka	Matatoa – Maka ki he Pukepuke	6MW	90%	Ke kakato ki 'Okatopa.
	Popua – Maka ki he Uta	6MW	100%	
Poloseki Fakalelei 'o e Laine 'Uhila	NNUP – Fakalelei ki he Laine Netiueka ki Nuku'alofa	'Elia 3	Kakato 'a e 82% 'i 'Akosi 2022	Ke kakato ki Tisema 2022.
	OIREP – Fakalelei ki he Laine Netiueka ki Vava'u	Konga 3	- 55% of 'o laini volota ma'olalo kuo kakato	Ke kakato ki Tisema 2022.

			- 35% 'o e laine sevesi kuo fetongi - 95% 'o e laine volota ma'olunga kuo kakato	
	Sisitemi ki he Fakatupu mo e Tufaki- (GDMS)	TREP 13	5%	Ko e taketi ko e ta'u 'e taha mei he taimi 'e fakamo'oni 'a e Aleapau

TAFA'AKI 'ENISINIA

Ngaahi tali fake'ekonomika ki he ngaahi palopalema fakatekinikale

1. **Ngaue:** 'I he lolotonga 'o e ta'u, ne tokoni lahi 'a e tafa'aki 'Enisinia ki he ngaahi ngaue lalahi 'i he ngaahi 'otu motu kau kiai 'a Ha'apai pea mo 'Eua 'o hange ko hono fetongi 'o e naahi tulenisifooma (step up transformer) moe tokoni ki he tafa'aki laine ki he'enau ngaahi ngaue mo e ngaahi palopalema 'i he laine 'o hange ko e palopalema 'i he laine volota ma'olunga, laine volota ma'olalo pea moe ngaahi tulenisooma maumau, pehe ki he ngaahi laine sevesi mo e ngaahi uaea 'uhila pe na'e maumau'i 'i he puna 'a e mo'ungaafi 'i he 'aho 15 Sanuali 2022. Kai ke ngata heni, ka ne toe lava ke fakapapau'i 'a e ngaahi uaea volota ma'olunga mo e ma'olalo na'e fiema'u mai mei he NNUP koe'uhi ko 'enau ngaue ki he fakalelei 'o e netiueka ki he 'Elia 2 mo e 'Elia 3 'o Nuku'alofa. Na'e toe kau foki ki heni mo hono fakaha 'a e ngaahi laine sevesi 'i he kelekele 'a e kau ma'u 'uhila ne fiema'u ke fakatotolo koe'uhi ko e keli kef ai ha ngaue 'i he 'api nofo'anga.

Ne malava foki ke toe fakaha ha ngaahi laine volota ma'olunga ne fiema'u he Tafa'aki Laine koe'uhi ko e ngaue ki hono fakalelei 'o e netiueka pea mo hono fokotu'u ha ngaahi laine volota ma'olunga fo'ou. Ne toe kau foki mo hono fakaha 'a e ngaahi laine volota ma'olunga mo ma'olalo 'i loto 'i he falemisini koe'uhi ko e fiemau 'a e kaungaue ne nau tokoni ki hono fokotu'u 'o e maka (BESS) 'i he falemisini 'i Popua ko e konga 'o e poloseki TREP 01.

Ne tokoni foki 'a e timi ki he ngaue ki he Mita Simaati (Smart Meter) pea ne toe fakahoko mo ha ngaahi ngaue ki hono siofi 'a e 'aonga 'o e ngaahi fakamatala mei he mita ki he fonua pea mo e Kautaha, pea ne mau toe kau foki ki he ngaue ki he fakalakalaka 'a e sisitemi ki hono fakalelei 'o e Mita.

Ko e ngaue 'e taha ko hono vakai'i 'a e nofo'anga fakatu'i he na'e hoko ha mofia 'i Tufumahina pea mo fai ha fakatotolo ki he 'uhinga 'o e vela 'o fengaue'aki mo e Va'a Tamate Afi ke fakapapau'i koe vela 'oku 'ikai koe fakahoko 'e he 'Uhila 'o hange koe fakakaukau.

Fakakatoa, ne mau tokoni ki he tafa'aki laine ki hono fufulu 'a e efu ne tatanaki mei he puna 'a e mo'ungaafi 'i he 'aho 15 Sanuali 2022 pea ne mau toe tokoni foki ki he

tafa'aki Palani 'a e Kautaha 'i hono siofi fakalelei 'a e laine kae toki fai hono fakama'a mo fufulu koe'uhi ko e ngaahi sipaaki na'e ki'l lahi 'ene ha mai ne fakatupunga 'e he efu pea ne fakakato mo hono faitaa'i ke fakapapau'i 'oku 'ikai ke mama 'a e 'uhila mo fakasio pe 'oku kei 'i ai ha konga 'i he laine 'oku kei fiema'u pe ke fakama'a.

2. **Load Flow simulation:** 'I he tokateu atu koia ki he ngaue/lele koia 'a e ma'u'anga ivi 'uhila mei he la'aa IPP (Independent Power Producer) pe koe poloseki fa'u 'uhila tau'atana mei tu'aa, kae pehee ki he'ene uesia koia 'i he 'etau laine 'uhila lolotonga 'i he 'ene fakafekau'aki koia mo hono fakafuofua'i koia ke fakafeau e 'uhila kuo fa'u pea moe 'uhila 'oku fiema'u 'e he kau ma'u 'uhila. 'Oku fakatokanga'i ai, kuopau ke fakalelei'i e konga e laine tufaki 'uhila ki he ngaahi feitu'u 'e ni'ihii, 'o hange koia koe laine ma'olunga 'oku fakatoka he fale fa'u 'uhila koia 'i Popua pea mo Ha'akame foki. 'Ikai koia pe, ka 'oku fiema'u ke hiki mai moe fusi (fuse) talifaki ki hono fakafekohotaki e konga koia e laine tufaki 'uhila 'oku ha'u mei Fo'ui ki Fahefa 'aia 'oku tu'u he vaha'a koia 'o Fahefa pea mo Vaotu'u (konga laine 'oku mate) fiema'u ke hiki eni ia ki Kala'au. Pea fiema'u foki ke fetongi moe konga e laine tufaki 'uhila volota ma'olunga, makatu'unga eni ko'ene iiki 'a e uaea pea 'oku ne fakatupunga ai ke ma'olungaange 'a e volota pea 'e malava pe ke lahiange e uta e konga uaea koeni 'i hono ivi malava 'i he kaha'u. Pea na'e fai foki mo hono sivi'sivi'i e tu'unga koia 'oku 'iai e volota he taimi koia 'e fakamo'ui mai ai e sola koia 'i Masilamea, ke tokateu pe ke maau he ko hono 'uhinga he na'e 'iai 'a e palopalema fekau'aki moe volota he taimi koia ne fakamo'ui ai e sola koia 'i Liukava 'i Me, 2022.

3. **Ko e ngaahi tokoni fakatekinikale ki he 'otu motu 'oku 'ikai ke mau malva tokoni kiai:** Na'e ma'u ha fiema'u tokoni fakatekinikale mei he Pule'anga 'o fakafou 'i he MEIDECC ke siofi 'a Felema pea mo e palopalema 'i Ha'apai na'a ne fakatupunga 'a e mate 'a e 'uhila ki ha meimei mahina 'e 5 (talua mei he he 'aho 15 Sanuali 2022). Ne ma'u hake ko e palopalema ko e taha 'o e ngaahi laine volota ma'olunga pea mo e laine 'oku fakatoka he kelekele 'a ia 'oku ne tufaki 'e 'Uhila mei 'Uiha ki Felema. Na'e hoko fakalelei 'a e ngaahi uaea 'uhila ko 'eni pea mo toe fai ha ngaue ki hano fakalelei 'a e fanga ki palopalema kehekehe pe 'i he tulenisifooma 'i Felema.

4. **Ngaahi tokoni ki he Ma'u'anga Ivi Fakanatula:** 'Oku fiema'u ha tokoni fakalao ke tokoni ki he Tafa'aki 'Enisinia ki he talanoa ko 'eni ki he Sola IPP 6MW Sunergies 'i hono tesi pea mo hono huufi 'o e ngaahi faama sola 'i Liukava pea hoko ai pe ki Masilamea. Ne fai e fengaue'aki fakataha mo e Ma'u 'Inasi ke siofi 'a e ma'olunga 'a e volota lolotonga 'a e ngaue ko 'eni ne fai ki Liukava lolotonga 'o e 'aho, 'i hono liliu 'a e fekitoa paoa pea mo hono feliliuaki 'a e ngaahi tu'u 'o e tulenisifooma ki he netiueka ke ne pule'i 'a e volota ke nofo ma'u pe 'i he levolo 'oku tu'utu'uni 'e he Komisoni 'Uhila.
Ne toe tokoni 'a e tafa'aki ki hono ngaahi 'a e Tapili 'i Niutoaua. Ne toe tokoni foki ki hono fakafuofua 'a e fokotu'utu'u ki he ivi malava ke tauhi 'a e ngaahi kuliti.
Ne tokoni foki 'a e Tafa'aki ki he ngaue fakalelei 'a e sisitemi sola 'i Matatoa, 'o kau kiai 'a hono vakai'i mo e mita ki he taha 'o e faga ki'i sola SDG ('Api Polisi Longolongo) pea na'e fakatokanga'i 'a e palopalema fekau'aki mo e taimi 'oku totongi ai 'enau 'uhila 'oku tukuange mai.
Ne toe ma'u hake foki ko e sisitemi 'oku ne siofi 'a e Havili na'e fokotu'u ki Vava'u he ta'u kuo'osi naik e siofi pe 'aonga e tapili ki Vava'u ne 'i ai 'a e palopalema kiai pea na'e fakalelei'i ai pe ke fakasi'isi'i e palopalema nane fakahoko. Ko e palopalema pe 'oku kei fai e fekuki moia ko e kovi 'a e fetu'utaki koe'uhi ko e kovi 'a e 'initaneti 'i Vava'u 'a ia koe palopalema pe taha 'oku kei toe ka ko e ngaue 'a e me'angaue ki he Havili 'oku sai.
5. **Lau Koloa 'i Popua:** Ne mau kau atu ki he lau koloa 'i he faka'osinga 'o e mahina pea mo e kaungaue 'o e falemisini 'i Popua pea mo e kaungaue 'o e Komisoni 'Uhila.
6. **Vakai'i 'o e kaiha'a 'uhila:** 'Oku ki'i lahilahi 'a e ha mai 'a e kaiha'a 'uhila kuo lipooti mai ki he Kautaha ke vakai'i 'a ia kuo fakapapau'i 'oku mo'oni pea 'oku kaunga tonu mo 'eni ki he lahi 'a e mole 'i he laine 'a ia 'oku fai e sio ke fakalelei 'a e founa ngaue ke 'oua toe hoko 'a e ngaue ta'e fakalao ko eni.
7. **Vakai'i 'o e mita CT:** 'Oku kei hokohoko atu hono vakai'i 'o e ngaahi mita CT (current transformer) pea koe vakai'i 'o e ngaahi mita 'i 'Eua na'e kakato hono vakai'i pea na'e 'ikai ha palopalema, ka ko Tongatapu, ko e fo'I mita fakakatoa 'e 26 na'e fokotu'u pea mo vakai'i kakato pea na'e 'ikai ha palopalema 'e ma'u. Ko e ngaahi me'a ne

ma'u na'e 'osi fai hono fakalelei'i, pea 'oku 'i ai 'a e kaunga mo e palopalema ni ki he mole 'i he laine.

8. **Hulu 'o e mafana 'a e uaea ke vakai'i 'a e mama 'o e 'uhila:** 'Oku kei hokohoko atu mo hono fai 'o e ngaue ki hono hulu 'o e ngaahi uaea 'uhila ki 'Eua mo Tongatapu ki he laine volota ma'olunga 'a ia kuo 'osi kakato. Ko e ngaahi palopalema ne ma'u mei he ngaue ni kuo 'osi fakaha pea mo 'ave ki he ngaahi tafa'aki fekau'aki kef ai hano fakalelei'i. 'Oku tokoni 'eni ke fakasi'isi'i 'a e mole 'a e 'uhila 'i he laine 'uhila pea pea tokoni ki he ngaahi ngaue fakalelei kuo 'osi palani ke fai mo fai 'o ka hoko ha palopalema ke kei fakapapau'i 'a e lelei 'a e laine 'uhila.
9. **Ngaahi 'eke 'a e kasitoma:** Ko e ngaahi 'eke fakapa'anga 'a e kau kasitoma tupunga mei he maumau ki he ngaahi naunau faka'uhila ne fakatupunga mei he matemate 'a e 'uhila na'e palani pea mo 'ikai ke palani kiai. Na'e fai e ngaahi fakatotolo mo tanaki e ngaahi fakamatala pea mo fai ha fai tu'utu'uni ke malava ke totongi fakafoki 'a e ngaahi 'eke ko eni 'a e kakai 'o fakatefito mei he fakatotolo na'e fai.
10. **Ngaahi Launga:** Ne fengaue'aki vaofi 'a e timi pea mo e Timi Laine ki hono tali 'a e ngaahi launga fekau'aki mo e feto'aki 'a e volota 'o ma'olunga mo ma'olalo 'i he tu'unga totonu 'oku fakaha 'i he aleapau ngaue mo e Komisoni 'Uhila, ka ko e ngaahi palopalema he laine ne solova ai pe he taimi koia. Ne kakato foki mo e ngaue ki he ngaahi launga ko 'eni 'a e kakai he faka'avalisi 'a e mo'ua 'uhila hili 'a e puna 'a e mo'ungaafi.
11. **Fengaue'aki mo e MEIDECC ki hono palani ke fakahoko 'a e mea fakaongo sunami 'i he laine 'uhila:** Koe fa'unga 'o Tonga 'oku tokalelei pea 'oku tu'u laveangofua ki he sumani pea moe ngaahi tafea 'e ala fakatupunga mei he hake 'a e tahi moe feliliuaki 'a e 'ea moe ngaahi fakatamaki fakanatula. Ko e Pule'anga Siapani kuo nau tokoni 'o fakapa'anga 'a e poloseki 'o fakafou 'i he JICA (Japan International Cooperation Agency) ke fokotu'u ha ngaahi me'a fakatokanga ki he fakatamaki pe ko e Nationwide Early Warning System (NEWS) ki Tonga ni kotoa. Ko e taumu'a 'o e ngaue ni ke fakahaofi 'a e mo'ui mo e koloa pea mo fakasi'isi'i 'a e fakatamaki 'e hoko ki he faifatongia, ko e ngaahi koloa lalahi pea mo e 'ataakai 'i he taimi 'o e fakatamaki.

Ko e fakamo'ui ' ae ngaahi me'a fakaongolea, 'e fiema'u ke fakahoko ki he uaea 'uhila 'a e Kautaha. Ko e tafa'aki 'Enisia na'e fakafatongia 'aki 'a e fatongia ni ke fengaue'aki mo e MEIDECC 'i hono palani 'o e ngaue ni ke fakahoko 'a e ngaahi me'a fakaongolea ki he laine. Ko e me'a fakaongolea fakatokanga kotoa 'e nimangofulu ma nima (55) pea 'e vahevahe ki Tongatapu, Vava'u, Ha'apai pea mo 'Eua. Ko e ngaahi taua fakaongolea na'e 'osi malava ke fakakato 'a hono fakahoko ki he kuliti.

12. **Ngaahi lipooti ki he fakatamaki ki he 'Uhila:** Ko e ngaahi lipooti ki he fakatamaki ki he 'uhila 'oku fakahu ma'u pe ki he tafa'aki Risk & Compliance. Ko e lipooti ko 'eni 'oku ngaue'aki ki hono fua 'o e tu'unga falala'anga 'o e 'uhila 'o ngaue'aki 'a e SAIFI, SAIDI and CAIDI.
13. **Ngaahi me'a na'e hoko 'e ala fakatupu ha fakatamaki:** Na'e kakato 'a e fakatotolo ma'olunga fakataha pea mo e 'ofisa ma'olunga mei he Komisoni 'Uhila (EC) ki he mate na'e pehe ko e fakatupunga mei he 'uhila 'i he 'api nofo'anga pe 'o e pekia 'i he 'aho 1 Fepueli 2022.
14. **Ako 'i he 'Initaneti:** Ne kakato 'a e ako pea mo e 'ofisa mei he falemisini ne fakafou 'i he 'initaneti fekau'aki mo e Introduction of Hybrid Power Generation System (HPGS) for additional countries, ***Operation and Maintenance of Diesel Engine Generators***. Ko e ako ko eni na'e fakahoko 'i he 'aho 29 Ma'asi ki he 'aho 8 'Epeleli 2022. (Fakatokanga: kuo foaki mai ha sitifikeiti ki he kakato 'a e ako ni pea ne "osi foaki mai 'e he JICA ki he tafa'aki HR 'a e Kautaha).

NGAAHI LAO, TU'UTU'UI NGAUE MO E & KAVEINGA FAKA'ATAKAI

Ko e fatongia tefito 'o e Va'a ki he Ngaahi Fakatamaki ka hoko mo Tali tu'utu'uni ke fakahoko 'a e ngaahi tu'utu'uni pea muimui ki he ngaahi tu'utu'uni 'a e Lao 'Uhila 2007, Lao 'a e Potungaue ki he ngaahi Pisinisi 'a e Pule'anga Tonga 2002 mo e Alepau Ngaue mo e Komisoni 'Uhila III ki he kotoa 'o e ngaahi kupu fekau'aki 'i he sekitoa 'uhila, kau ai mo e Kautaha 'Uhila. 'Oku kau 'i hono ngaahi fatongia kehe (kae 'ikai fakangatangata) 'a e ngaahi me'a ni:

- Fakapapau'i 'oku muimui pau 'a e Kautaha ki he ngaahi fatongia 'oku tu'utu'uni pau ki he ngaahi ngaue ki tu'a 'a e kautaha 'oku ha 'i he Tu'utu'uni 1 'i he Alepau Ngaue 'i he vaha'a 'o e Komisoni 'Uhila mo e Kautaha 'Uhila III.
- Fa'u, tataki, pe fakahoko 'a e ngaahi taumu'a ngaue ki hono pule'i ha ngaahi fakatamaki 'e hoko ke ne faka'ai'ai 'a e fakalakalaka 'i he ngaue ki he ngaahi me'a 'oku ha ngali fakatu'utamaki ki he kautaha.
- Fakapapau'i 'oku a'usia 'a e founa ngaue lelei taha ki hono tokanga'i 'a e ngaahi ngaue fakalotofale 'a e kautaha pea ke fenapasi mo e tu'unga fakamamani lahi.
- Fakapapau'i 'oku muimui pau 'a e kautaha ki he ngaahi tu'utu'uni ngaue mo e founa ngaue 'a e Kautaha.
- Ngaue fakataha mo e Komisoni 'Uhila ki he ngaahi lipooti tau'ataina felave'i mo hano ma'u ha taha 'e he 'uhila, kapau 'oku fekau'aki mo hono fakauaea 'o ha fale.
- Liliu, pea talaki 'a e totongi 'uhila fo'ou.
- Mo'uilelei mo e malu 'a e kau ngaue.
- Malu 'a e kakai pea tufaki mo e ngaahi fakamatala ke nau 'ilo lahi ki he tu'unga ke haofaki ai 'enau mo'ui.
- Ngaahi launga 'a ema'u 'uhila – 'Ofisi 'o e 'Omipatimeni, Kautaha 'Uhila pea mo e Komisoni 'Uhila.
- Ngaahi fakamole lalahi ke fakahoko pea moe fakahoa ki he Patiseti ki he Komisoni 'Uhila.
- Fakapapau'i ko e ngaahi vausia totongi kotoa 'a e Kautaha 'oku muimui 'i he tu'utu'uni ngaue pea lipooti ki he Poate.

Ola e ngaue ki he fakahoko tu'utu'uni ki he 2022

Ko e ngaahi lavame'a ki he faka'osinga 'o Sune 2022:

- Fengaue'aki mo tuku atu 'a e ngaahi tu'utu'uni ngaue 'i he lipooti ki he Potungaue 'a e ngaahi Pisinisi 'a e Pule'anga:
 - Palani Fakata'u 2022
 - Ngaahi Lipooti Faka-kuata
 - Palani ki hono pule'i 'a e Koloa 'a e Kautaha 2022 (AMP)/ Palani ki he hokohoko atu 'ae faifatongia (BCP)
 - Lipooti ki he fakahoko ngaue 'o e veaua'anga 'o e ta'u
 - Lipooti faka-ta'u 2022
- Fakahoko 'a e ngaahi fiema'u faka-lipooti ki he Komisoni 'Uhila kau ki ai 'a e:
 - Liliu fakakuata 'a e totongi 'uhila
 - Ngaahi Koloa 'oku 'Atita'i fakalao (RAV)
 - Ngaahi Lipooti faka-mahina
 - Palani ki he Ngaahi Fakamole Lalahi mo Fakatauhua
 - Lipooti Fakata'u 'a e Komisoni
 - Lipooti vaeua ta'u 'a e Komisoni 'Uhila – muimui ki he ngaahi tu'utu'uni 'o e ngaue faka'uhila 'i he CCIII
- Fakalahi 'a e tokanga ki he kau Kasitoma/ma'u 'uhila o e ola lelei 'a e ngaue'aki hono talitali lelei 'a e fiema'u mei he kau ma'u 'uihla 'I he taimi totonu pea lipooti ki he Poate mo e Potungaue ki he ngaahi pisinisi 'a e pule'anga
- Hoko atu 'a e fengaue'aki mo e ngaahi kupu fekau'aki – 'i he fakamatala, ngaahi fakamatala 'oku fiema'u, ngaahi launga mo ha to e me'a pe.
- Vakai'i 'a e muimui ki he ngaahi tu'utu'uni ngaue fakalotofale 'a e ngaahi totongi kotoa 'a e kautaha, ko e kau tali totongi, kau ngaue ki he Mo'ua, ko e fakalele 'o e kautaha pea mo e tisoloe moe ngaahi me'akehe pe.

Ngaahi Pole 'oku fepaki moia

- Fakangatangata 'a e fakamatala mo e taimi
- 'Oku kei hoko atu pe hono maumau'i 'a e tu'utu'uni ki he mole 'i he sisitemi mo e tu'unga totonu 'o e volota ke ngaue'aki 'a ia 'oku ha mahino mei he ngaahi feitu'u 'oku te'eki ke a'u kiai 'a e fakalelei 'o e netiueka
- Ko hono maumau'i 'a e taketi felave'i mo e tu'unga ki hono ngaue'aki 'a e lolo 'a ia ko e kilouati 'e 4 'i he houa ki he lita (4.00 kWh/L) ka 'oku kei fu'u ma'olunga pe 'eni ia hiliange hono fakakau mai 'a e Ma'u'anga Ivi faka-natula ki he ngaue ki hono fa'u 'ae ma'u'anga ivi 'uhila

- Koe ni'ihii 'i he ngaahi ngaue oku fiema'u mei he Aleapau Felotoi faka-'uhila III 'oku 'ikai lava ia ke a'usia 'o makatu'unga 'i he ngaahi 'uhinga 'oku 'ikai ke a'u kiai 'a e mafai 'a e Kautaha ke ne lava 'o pule'i hange ko e taketi volota houa 24, lahitaha e 'aho ki he tesi 'o e mita koe 'aho 'e 10, mo e ngaahi me'akehe pe
- Ko e lao fakaangaanga fo'ou 'oku fokotu'utu'u ke fakapaasi 'e he Kapineti 'i he ta'u ni ke ne solova 'a e ngaahi palopalema 'oku 'ikai fenapasi ia mo e Lao lolotonga 'o e 1988 hange ko e fakauaea faka'uhila mo hono fakatokanga e keipolo 'i lalofonua, moe ngaahi me'akehe pe

Fakatamaki mo e 'Aotita 'o e Fakahoko Fatongia 2020

Ko e ngaahi fakatamaki lalahi 'oku fepaki mo e kautaha 'Uhila:

- Fakafe'atungia ki he tauhi tu'utu'uni: kamata 'i he politiki, lao, tu'utu'uni pe lao fakakautaha.
- Faingata'a Faka-Pa'anga: Fekau'aki mo e feliliuaki 'a e maketi mo e ekonomika.
- Faingata'a Faka-Ngaue: Fekau'aki mo e kau kasitoma mo e kau 'Inivesitoa.
- Faingata'a Fakahoko Fatongia: uesia e founa ngaue, sisitemi, kakai mo e ngaahi koloa mahu'inga tukufakaholo 'a e pisinisi 'a e Kautaha.

'Oku ngaue'aki 'e he Kautaha 'Uhila ha fa'unga ngaue fakatahataha ke ne pule'i 'a e ngaahi tefito'i fiema'u ki he fakatamaki fakangaue. 'I he fa'unga ngaue ko 'eni 'oku 'i ai 'a e ngaahi mo'oni'i me'a fakangaue 'oku ne tokanga'i ha ngaahi fakatamaki 'e hoko, 'i he taumu'a ke hiki'i hake 'a e fakalakalaka 'i he ngaue 'a e Kautaha 'Uhila. 'Oku kau heni hono fakaha ke 'ilo'i ko e ha 'a e ngaahi fakatamaki mo fakahokohoko honau tu'unga takitaha, ngaahi founa ke solova'aki, pehe foki ki he pule lelei mo e founa hono pule'i. 'Oku kau ki ai hono vahevahe 'a e ngaahi fakatamaki ki he tokotaha ngaue oku felave'i tonu hono fatongia mo e fakatamaki ko ia, pea ke lipooti ki he kau pule ngaue 'a e founa ke solova pe fakasi'isi'i 'ene hoko, 'a ia ko e founa ngaue lolotonga 'eni 'oku fakahoko 'i he motolo PPRisk 'i he sisitemi fo'ou Enterprise Resource Planning (ERP).

Ko e ngaahi ola lelei tefito 'i he'ene a'u mai ki he 'aho 30 Sune 2022:

- 'Oku 'i ai 'a e motolo ki he Fakatamaki mo e Muimui ki he Lao/Tu'utu'uni (Risk and Compliance module) 'i he sisitemi ERP fo'ou 'oku lolotonga ngaue'aki ki hono pule'i 'a e ngaahi fakatamaki mo hono vakai'i e tu'unga fakamuimui taha 'oku 'i ai 'a e ngaahi fakatamaki 'i he taimi kotoa pe. 'Oku lele lelei pe mo e ngaue ki he ni'ihii 'oku

uesia 'i ha fakatamaki kenau siofi mo tokanga'i 'a e ngaahi uesia pe fakatamaki 'oku nau tofanga ai.

- Fakahu ki he Lesisita Fakatamaki 'a e Kautaha 'a e ola 'o e 'atita fakalotofale kapau 'oku fakatokanga'i ko e ngaahi fakatamaki 'eni 'oku fiema'u ke muimui'i mo fai ha ngaue kiai.
- Lipooti tau'ataina 'o e ngaue ki he ngaahi 'elia ha fakatu'utamaki 'i he Kautaha i.e. Tafa'aki Pa'anga, Tafa'aki Ngaue, Lolo/Tisolo moe ngaahi me'akehe pe.
- Ngaahi fakatamaki lalahi ke lipooti ki he Poate pea mo e Kautaha 'a e Ngaahi Pisinisi 'a e Pule'anga 'o fakafou he Palani Ngaue 'a e Kautaha.
- Tataki 'o ha timi 'i he Kautaha ke siofi 'a e ngaahi palopalema ne hoko mei hono faka'avalisi 'o e mo'ua 'uhila pea mo e tu'unga 'o e hikihihi 'a e ngaue'aki 'o e 'uhila.

Ngaahi pole 'oku fepaki moia

- Tolo hono fakahoko e ngaue ki he ngaahi fakatamaki koe'uhi ko e totongi mo e fakamole.
- 'Ikai ma'u e ngaahi fiema'u pe ma'unga tala.
- Ke ngaue'aki kakato 'a e ngaahi taumu'a 'o e PP Risk Module 'i he faka'osinga 'o e 2022.

Malu mo e Mo'ui Lelei

Ko e ngaahi ola lelei tefito 'i he'ene a'u mai ki he 'aho 30 Sune 2022:

- Ko e ngaahi fakataha fakamahina felave'i mo e Mo'ui Lelei mo e Malu mo ha ngaahi kaveinga ngaue felave'i mahu'inga 'oku 'ohake ki he Pule Lahi ke fai ha vakai ki ai. 'Oku vakai'i ai pe mo ha ngaahi ngaue 'a e ngaahi va'a ngaue kehe 'a e Kautaha kapau 'oku fiema'u.
- Ko e ngaahi lipooti inisiteni, ko e ngaahi hesati mo e ngaahi lipooti 'ekisiteni 'oku lekooti, siofi pea muimui'i ke fai ha ngaue kiai.
- Ko e ngaahi tu'utu'uni ngaue ki he malu moe mo'ui lelei 'o e kaungaue 'oku vahevahe ki he kaungaue pea 'oku toutou vakai'i fakata'u ki ha liliu kiai.
- Ko e ngaahi launga ki he fetu'aki 'i he volota 'oku vakai'i pea fakahu atu ki he Komisoni 'Uhila.
- Tokanga ki he ngaahi 'a'ahi kotoa 'a e Komisoni 'Uhila mo e ngaahi kole mei he Komisoni fekau'aki mo e Pila 'Uhila, ko e sitoka, ko e me'a fakalipooti, koe tisolo pea mo ha toe me'a kehe pe.

Ngaahi pole 'oku fepaki moia

- Ngaahi fakamole felave'i mo e ngaahi fokotu'u 'oku fakahoko mai.
- Ko hono fakakaukau'i ki he ta'u fakapa'anga ka hoko mai 'a e 'a'ahi mo e vakai ki he 'uhila 'i he ngaahi motu.
- 'Ikai a'usia 'a e fiema'u.
- Fa'u e palani ki he founa ki he hola ke hao mei ha fakatamaki mei he 'ofisi fakatahataha 'i Matatoa – 'e hoko atu ki he fakaangaanga hono ngaue'aki e palani.
- Fakangatangata 'a e patiseti.

FAKAHOA - NGAUE KI HE PALANI

Strategic Performance Targets for the Planning Period 2022						
ID	Strategic Objective	Strategic Measures	Business Unit	Current	Targets	
				2022	2022	2021
1	Achieving 50% electricity generation from RE generation by 2025 in order to achieve the government TERM objective and realistic tariff reductions.	Accumulated Fuel Displacement (%)	Generation	11.3%	54%	30%
		Tariff Reduction due to RE	Finance	3.1 Seniti/kWh	4 seniti/kWh	2 seniti/kWh
		Installed Capacity (All)	Generation	31.49 MW	31 MW	21 MW
2	Adopting technologies to manage the complexities arising from increasing RE penetration.	Reduction in Maintenance Costs	Generation/Finance	19%	5%	5%
		Labor productivity	Generation	1	1.7GWH per FTE	1.6GWH per FTE
		Lube Oil Consumption	Generation	641 (Tt)	>1080kWh/L	>1080kWh/L
		Forced Outage	Generation	0.05% (Tt)	<5%	<5%
		Planned Outage	Generation	NA	<3%	<3%
		O&M Costs per MWh	Generation	17.7	<50 TOP/MWh	<50 TOP/MWh
		Frequency Fluctuations	Generation	met	<1.5%	<1.5%
		Fuel Efficiency	Generation & Distribution	3.86	4.05	4.05
		Reliability (SAIDI)	Generation	3970mins	850mins	850mins
		Number of outages	Generation	84	<3	<3
		Capacity Factor	Generation	49% (Tt)	>40%	>40%
		Voltage Fluctuations	Distribution	5	No cases >+/- 10% for 1 phase and +/- 5% for 3 phase	No cases >+/- 10% for 1 phase and +/- 5% for 3 phase
		GIS Accuracy	Distribution	approx. 70%	90%	80%
		Line Loss or Network Delivery Losses	Distribution	6%	10% or 5%	10% or 5%
3	Improving the network and replacing ageing assets to improve safety, efficiency and reliability of supply.	Availability Factor	Generation	86.81% (Tt)	99%	98%
		Load factor	Generation	72% (Tt)	>58%	>55%
		N+1 Security of Supply	Generation	Depends on various factors	100%	100%
		Installed Firm Capacity	Generation	31,490 kW	18,076 kW	17,676 kW
		Updated Asset Management Plan	Generation & Distribution	1	1	1
		Parasitic Losses	Generation	2.8%	3 to 5%	3 to 5%
		Customers per Distribution Employee	Distribution	157	>220	>210
		Average age of vehicle fleet	Distribution/Finance	8.2 years	>7	>6
		Distribution Transformer Utilisation	Distribution	Met	>30%	>30%

FAKAHOA - NGAUE KI HE PALANI (HOKOATU)

Strategic Performance Targets for the Planning Period 2022

ID	Strategic Objective	Strategic Measures	Business Unit	Current	Targets	
				2022	2022	2021
4	Cultivating a hazard free safety culture to minimize any electrical hazards to both public and staff.	HSE Policies are up to date and Audit completed	Risk and Compliance	90%	100%	90%
		Incident register completed and up to date	Risk and Compliance	100%	100%	90%
		Completed HSE meetings	Risk and Compliance	100%	100%	90%
		BCP/DRP up to date	Risk and Compliance	100%	100%	90%
		Exercise BC/DR Plan	Risk and Compliance	0	90%	80%
		Completed outer island visits	Risk and Compliance	0	100%	90%
		Complaints addressed on time	Risk and Compliance	approx. 70%	100%	90%
		Evacuation Plan completed	Risk and Compliance	90%	100%	90%
		Up to date risk register (HSE risks)	Risk and Compliance	100%	100%	90%
		HSE forms completed	Risk and Compliance	100%	100%	90%
		Internal audit completed of working sites	Risk and Compliance	100%	100%	90%
5	Investing in excellent business processes and systems in order to improve operational efficiency and quality of TPL's services to customers.	Fatality register completed	Risk and Compliance	100%	100%	90%
		Average customer wait time	Distribution	Met	< 4 days	< 4 days
		Billing cycle days (TPL Cr Sales to Trade Receivables x 365)	Retail	23 Days	improve by 5%	improve by 5%
		Smart Meter Read Rate	Retail	30%	>98%	>98%
		Business Case for Outer Island Smart Meters	Retail	Not yet	Board approval	Board approval
		Alternative Tariff (To reflect the source of power generation)	Retail	Not yet	Outerislands	Outerislands
		Outsource bill distribution	Retail	No progress	Tonga Post	Tonga Post
		Reduce Smart Meter Annual Opex	Retail	Additional Meters requested	Implement Smart Meter Annual OPEX reduction	Implement Smart Meter Annual OPEX reduction
		Tariff check	Retail	4	4	4
		Customer Satisfaction Rate	Retail	Awaiting Strats Survey	Improve baseline by 10%	Improve baseline by 10%
		Customer Categorisation	Retail	Residential and Non Residential Customers	Implement policy on all islands	Implement policy on all islands
		Shift to payment online (COVID-19)	Retail	Already in place	Implement online payment incentive	Implement online payment incentive
		% of TPL employees completing a performance review	HR	94%	>80%	>80%
		% of staff trained (formal or informal trainings)	HR	68%	25%	25%
		No. of policies reviewed or developed	HR	all hr policies reviewed & referred to MPE	At least 2	At least 2
		Staff Absenteeism (%)	HR	3.11%	<5%	<5%
		Staff Turnover Rate	HR	0.44%	<5%	<5%
		TPL Salary Structure	HR	0	1	1
		Staff Retention (%)	HR	99.97%	>90%	>90%
6	Managing all external funding and internal financing sources successfully in order to maximise the shareholder value.	% of recruitments completed	HR	100%	80%	80%
		HR Team Performance	HR	82%	>80%	>80%
		Staff HR Service Satisfaction Rate	HR	Satisfactory	At least a satisfactory rating	At least a satisfactory rating
		HRIS Populated and used	HR	30%	30%	30%
		Reduction in Material Cost	Distribution/Finance	World Prices increase due to Covid lockdown	8%	8%
		Rework Cost (SO3)	Distribution/Finance	WIP	<\$4,000	<\$4,000
		CAPEX Job Audits/Annum	Distribution	Not met	>80%	>80%
		Revenue	Retail	\$69m	\$51m	\$51m
		Collection mobile unit	Retail	Not yet	Implement mobile collection	Implement mobile collection
		Debt Ratio	Retail	61%	<40%	<40%
		Debtor Days	Retail	42 Days	<15 days	<15 days

FAKAMATALA PA'ANGA

Lipooti 'a e Kau Talekita	1 - 2
Fakamatala 'a e Kau Talekita	3
Lipooti Taa'atina 'a e 'Atita	4 - 5
Fakamatala ki he tupu 'a e Kautaha	6
Fakamatala ki he tu'unga fakapa'anga	7
Fakamatala ki he fehu'aki 'a e pa'anga	8
Fakamatala ki he feliuliuaki 'i he Sino'i 'Inasi	9
Fakamatala Fakaikiiki ki he Fakamatala Pa'anga	10-42

**FAKAMATALA PA'ANGA 'A E KAUTAHA 'UHILA 'A
TONGA MO 'ENE NGAHI KAUTAHA IIKI 'O NGATA KI
HE 30 SUNE 2022**

KANOTOHI

	Peesi
Lipooti 'a e Kau Talekita	1 - 2
Fakamatala 'a e Kau Talekita	3
Lipooti Taa'ataina 'a e 'Atita	4 - 5
Fakamatala ki he tupu 'a e Kautaha	6
Fakamatala ki he tu'unga fakapa'anga	7
Fakamatala ki he fehu'aki 'a e pa'anga	8
Fakamatala ki he feliuliuaki 'i he Sino'i 'Inasi	9
Fakamatala Fakaikiiki ki he Fakamatala Pa'anga	10-42

'Oku tuku atu 'eNhe kau Talekita 'enau lipooti fakataha mo e fakamatala Pa'anga 'a e Kautaha 'Uhila 'a Tonga mo e kulupu, pe ngaahi kautaha iiki 'o 'osi ki he 30 Sune, 2022 mo e lipooti 'a e 'atita.

1 KAU TALEKITA

Ko e kau talekita 'eni 'a e Kautaha lolotonga 'a e ta'u fakapa'anga 'o a'u ki he 'aho 'oku tuku atu ai 'a e lipooti ni:

Mr. Tapu Panuve	Fokotu'u 'i he 1-Ma'asi-2022
Hon. Lasike	Fokotu'u 'i he 1-Ma'asi-2022
Mr. Saimone Helu	Fokotu'u 'i he 1-Ma'asi-2022
Mr. Malia Takai	Fokotu'u 'i he 1-Ma'asi-2022
Dr. Tevita Tukunga	Fokotu'u 'i he 1-Ma'asi-2022
Mr. Sosaia Penitani	Fokotu'u 'i he 1-Ma'asi-2022
Mr. Daniel Hamala	Fakafisi 'i he 28-Fepueli-2022
Mr. Soane Kautai	Fakafisi 'i he 28-Fepueli-2022
Ms. Seinimili Fonua	Fakafisi 'i he 28-Fepueli-2022
Mr. 'Isileli Pulu	Fakafisi 'i he 28-Fepueli-2022
Mrs. Pisila 'Otunuku	Fakafisi 'i he 28-Fepueli-2022
Dr. 'Aisake Valu Eke	Fakafisi 'i he 31-'Akosi-2021
Mr. 'Ipolito Lasalo	Fakafisi 'i he 31-'Akosi-2021
Mr. Tevita Puloka	Fakafisi 'i he 31-'Akosi-2021

2 NGAHI NGAUE LALAH

Ko e tefito'i ngaue lahi 'a e Kulupu ko hono fa'u mo tufaki 'a e 'uhila ki he kakai 'o Tonga pea mo fakatau atu e kasa. 'Oku toe fakahoko 'e he Kautaha 'a e ngaahi ngaue aleapau faka'uhila ki he ngaahi laine 'uhila 'a e kau kasitoma taautaha.

3 OLA 'OE NGAHI FEFAKATAU'AKI

Ko e mole hili 'a e tukuhau vahenga 'a e Kulupu ki he ta'u fakapa'anga ko e **\$1,409,174** (2021: mole he 'osi totongi e tukuhau pa'anga hu mai koe \$1,470,257). Ko e tupu hili 'a e tukuhau vahenga 'a e Kulupu ki he ta'u fakapa'anga ko e **\$1,459,839** (2021: mole he 'osi totongi pa'anga hu mai na'e \$886,070).

4 NGAHI 'INASI

Ne fakaha 'e he kau talekita ko e 'inasi 'a e Kautaha lolotonga e ta'u ki he pule'anga pe tiviteni ko e \$200,000 (2021: tiviteni pe 'inasi ne fakaha koe \$1,000,000) 'i he tu'unga ko e \$194 (2021: \$970) ki he 'inasi. 'Oku lele tatau 'eni moe taumu'a fakamahu'inga taimi loloa 'a e Kautaha fakatatau ki he 'ene ngaahi tu'utu'uni ki hono tufaki 'o e pa'anga ki he kau ma'u 'inasii.

5 'ESETI/KOLOA LOLOTONGA

Na'e tokanga 'a e kau talekita kimu'a 'i he fakamatala pa'anga ke fakapapau'i 'a e ngaahi koloa pe 'eseti 'a e kautaha mo e kulupu 'oku ha 'i he ngaahi lekooti fakatauhitohi 'i ha mahu'inga 'oku tatau pe 'i lalo 'i he mahu'inga 'a ia 'oku 'amanaki kiai 'a e pisinisi 'i he'ene ngaahi ngaue.

Ko hono tuku atu 'a e Lipooti ko 'eni, 'oku 'ikai ke 'ilo 'e he kau Talekita ha fa'aHinga me'a te ne liliu pe takihala'i 'a e mahu'inga 'o e 'Eseti Lolotonga 'oku ha 'i he fakamatala pa'anga.

6 HIKI MEI HE PA'ANGA TALIFAKI

Na'e fokotu'u mei he kau talekita 'a e \$421,124 ke 'ave/hiki mei he pa'anga talifaki lolotonga e ta'u 'o ngata ki he 30 Sune 2022 (2021: \$421,124).

7 MO'UA TUKU FUOLOA MO TA'EP AU

Na'e tokanga 'aupito 'a e kau Talekita, kimu'a 'i hono tuku atu 'a e fakamatala pa'anga ke fakapapau'i 'oku tamate'i 'a e ngaahi mo'ua 'oku ikai ke toe lava 'o totongi pea 'i ai mo e talifaki ke tapuni 'a e ngaahi mo'ua ta'epau. 'I hono fakahoko atu 'a e lipooti ko 'eni, 'oku te'eki ke 'ilo 'e he kau Talekita ha fa'ahinga tu'unga 'oku liliu ai 'a e lahi 'o e pa'anga ke tapuni 'aki 'a e ngaahi mo'ua 'oku 'ikai lava ke totongi, pe koe lahi 'o e pa'anga ki he ngaahi mo'ua ta'epau.

8 MONU'IA 'A E KAU TALEKITA

'Oku te'eki ma'u 'e ha talekita ha fa'ahinga monu'ia fakapa'anga talu mei he faka'osinga 'o e ta'u fakapa'anga kimu'a, tukukehe ha monu'ia 'e kau atu he vahe fakakatoa kapau 'oku 'i ai, pe ko ha fa'ahinga totongi fakakonituleki mo e kautaha pe ko hono ngaahi va'a pe ko ha kulupu pe kautaha 'oku talekita ai ha memipa pea 'i ai ha'ane fekau'aki mo ha pa'anga lahi mei ai.

9 FEFAKATAU'AKI MO E NGAHI KUPU FEKAU'AKI

Fakatatau ki he lau 'a e kau Talekita, koe ngaahi fefakatau'aki fakapaati kotoa pe kuo 'osi fe'unga hono lekooti 'i he ngaahi tohi 'a e kautaha mo hono ngaahi kupu iiki kehekehe.

10 NGAHI ME'A NE HOKO KIMU'A HE 'AHO PALANISI FAKA'OSI

'I he 'osi 'o e ta'u, ne tuku mai 'e he Poate Kasa 'a Tonga 'a e totonu ta'e makatu'unga ke toloi hono totongi 'o e mo'ua ko e \$2,814,137 'i he 30 Sune 2022 (vakai nouti 28(c)) ki he mahina nai 'e 12 hili e 30 Sune 2022.

Tukukehe ange 'eni, 'oku te'eki ai 'asi he vaha'a taimi mei he 'osi ae ta'u pea moe 'aho 'o e lipooti ni ha fa'ahinga me'a, ngaue fakapa'anga pe ha fa'ahinga me'a oku ha ngali kehe, 'i he fakakaukau 'a e kau talekita, kene uesia lahi ai e ngaahi ngaue 'oku fakahoko 'e he Kautaha pe Kulupu, ngaahi ola e ngaahi ngaue koia 'a e Kulupu mo e Kautaha 'i he ngaahi ta'u mau ki mui ni.

11 NGAHI MAKATU'UNGA KEHE

'I he 'aho 'o e lipooti ko 'eni, 'oku 'ikai ke 'ilo 'e he kau Talekita ha fa'ahinga me'a pe tu'unga 'oku te'eki ke fakaha atu 'i he fakamatala pa'anga ke ne fakatupu ai ha liliu 'i he fakamatala pa'anga ke takihala.

12 HOKOHOKO ATU NGAHI TOKANGA MAKEHE

Koe ngaahi fakamatala pa'anga 'a e Kautaha mo e Kulupu na'e teuteu'i makatu'unga 'i he hoha'a ma'u pe ki he hokohoko lelei 'a e ngaahi ngaue fakapisinisi anga maheni 'o fakatatau ki he ngaahi koloa mo hono totongi e ngaahi mo'ua 'i he founa pisinisi angamaheni. Na'e lekooti 'ehe Kautaha ha tupu ko e \$1,459,839 ki he ta'u 'o ngata ki he 30 Sune 2022 (2021: tupu ko e \$886,070) pea 'i he 'aho koia ne 'i ai 'a e nounou he tefito'i pa'anga ngaue na'e \$5,258,696 (2021: \$6,814,979). Na'e lekooti 'e he Kulupu 'a e tupu ko e \$1,409,174 'i he ta'u ne 'osi ki he 30 Sune 2022 (2021: tupu na'e \$1,470,257) pea 'i he 'aho koia ne nounou 'aki e tefito'i pa'anga ngaue na'e \$3,343,200 (2021: \$4,247,855). Koe hokohoko atu e faingamalie fakapa'anga 'a e Kautaha mo e Kulupu na'e fakatefito ia mei he faingamalie fakapa'anga lolotonga mei he Pangike ANZ pea moe/pe koe ngaahi tupu 'ae Kautaha mo e Kulupu.

13 FEKATAU'AKI NGALI KEHE

'Oku tui 'a e kau Talekita ko e ola 'o e ngaue 'a e Kautaha mo e Kulupu lolotonga 'a e ta'u fakapa'anga, na'e 'ikai ha'ane uesia 'i ha ngaue 'e taha, pe fefakatau'aki pe ha fa'ahinga ngaue na'e ngali kehe hono natula, tukukehe pe 'a e ngaahi me'a kuo fakaha mai 'i he fakapa'anga.

14 NGAHI NGAUE LALAHU LOLOTONGA E TA'U

'Oku kei hokohoko atu e vave 'a e ngaahi uesia lahi 'e he COVID-19 'ae ngaahi tafa'aki faka-sosiale, mo'ui mo e faka-'ikonomika 'i mamani katoa. Ko e talu hono fakaha koe mahaki faka'auha fakamamani lahi 'a e COVID-19, fakataha mo e ngaahi pisinisi felave'i 'a e pule'anga, kau ai moe fakafeangai 'a e kau konisiuma, mo hono uesia e ngaahi fakahoko fatongia mo e ngaahi ngaue faka-pa'anga 'ae Kautaha mo e Kulupu. Koe'uhi koe ngaahi uesia faka-'ikonomika ko eni talu e kamata 'a e COVID-19, ne hanga ai 'ehe Kautaha moe Kulupu 'o fai e ngaahi ngaue ke tu'usi e ngaahi fakamole fakataha mo hono pule'i e ngaahi totongii.

Lolotonga 'oku kei ta'epau 'a e ngaahi uesia ne fakahoko 'e he mafola 'a e COVID-19, 'e ala uesia lahi heni e tu'unga fakapa'anga 'a e Kautaha, fakahoko fatongia, pa'anga ngaue, 'o kapau 'e iku ki ha tu'ulu 'a e 'ikonomika. 'Oku hokohoko atu pe hono siofi 'e he Kautaha 'a e mahaki faka'auha COVID-19 pea mo 'ene ngaahi mafihunga pea mo e ngaahi ngaue faka-'ikonomika 'oku fai ke pule'i mo fakatuai 'ene mafola. Koe'uhi koe natula feliliuaki 'o e ngaahi tu'unga ko 'enii pea moe fakautuutu 'a e ta'epau e tu'unga faka-'ikonomika pea moe ngaahi uesia felave'i mo e ngaahi ngaue 'ae Kautaha he kaha'uu, pa'anga ngaue, moe tu'unga faka-pa'anga, he 'ikai lava fakafuofua fe'unga he taimi ni ka 'e toki 'asi kakato he ngaahi lipooti fakapa'anga fakata'u 'a e Kautaha he 2022.

Faka'aho 'i Nuku'alofa 'i he 24 'o 'Epeleli 2023.

Ma'ae kau Talekita 'o e Poate 'i hono faka'ata he tu'utu'uni 'a e Kau Talekita.



Talekita
Tapu Panuve



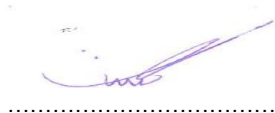
Talekita
Maliu Takai

'I he vakai 'a e kau Talekita:

- (a) Ko e ngaahi fakamatala ki he tupu mo e mole mo e ngaahi ma'u'anga pa'anga kehekehe 'oku fakaha ia ke mahino 'a e mo'oni mo e potupotu tatau 'a e ola 'a e Kautaha mo e Kulupu ki he ta'u 'o 'osi ki he 30 Sune 2022.
- (b) Ko e ngaahi fakamatala ki he tu'unga fakapa'anga 'oku 'oatu ia ke ma'u 'a e totonu mo e 'ata mo'oni mo potupotu tatau 'a e Kautaha mo e Kulupu 'o 'osi ki he 30 Sune 2022;
- (c) Ko e ngaahi fakamatala ki he ngaahi liliu 'i he 'ekuiti 'oku fakahaa'i ke ne tuku mai 'a e mo'oni mo e 'ata totonu 'a e fehu'aki e pa'anga 'a e kau ma'u 'inasi 'a e Kautaha mo e Kulupu ki he ta'u 'o 'osi ki he 30 Sune 2022.
- (d) Ko e ngaahi fakamatala felave'i mo e fetafe'aki 'a e pa'anga 'oku fakahaa'i ke ne tuku mai 'a e totonu mo e mo'oni 'i he fetafe'aki 'a e pa'anga 'a e Kautaha mo e Kulupu ki he ta'u 'o 'osi ki he 30 Sune 2022.
- (e) 'I he 'aho 'oku tuku atu ai 'a e fakamatala ni, 'oku 'i ai 'a e ngaahi makatu'unga fe'unga ke fai 'a e tui 'e malava pe 'e he Kautaha mo e Kulupu 'o totongi hono ngaahi mo'ua 'i hono taimi totonu pea;
- (f) 'Oku lekooti 'a e fefakatau'aki fakapa'anga kotoa pe 'i he ngaahi tohi 'a e Kautaha.

Faka'aho 'eni 'i Nuku'alofa 'i he 24 o 'Epeleli 2023.

Ma'ae Poate 'a e Kau Talekita fakatatau ki he mafai 'i he tu'utu'uni 'a e kau Talekita.



.....
Talekita
Tapu Panuve



.....
Talekita
Maliu Takai



LIPOOTI 'A E 'ATITA TAU'ATĀINA

Ki he Kau Mēmipa 'o e Kautaha 'Uhila 'a Tonga

Tala Fakakaukau 'a e 'Atita

Kuo mau 'atita' i 'a e ngaahi fakamatala pa'anga 'a e Kautaha 'Uhila 'a Tonga (kautaha), 'a ia 'oku kau ki ai 'a e fakamatala ki he tu'unga faka-pa'anga 'i he 'aho 30 Sune 2022, mo e fakamatala ki he ola 'o e tupu fakapa'anga, fakamatala ki he feliuliaki 'i he pa'anga 'inasi, fakamatala ki he fehū'aki 'o e pa'anga ki he ta'u na'e ngata 'i he 'aho ko ia, mo e ngaahi nouti fakamatala fakamahino kehe 'a ia 'oku kau ki ai 'a e ngaahi fakaikiiki ki he tu'utu'uni fakatauhitohi.

'I he'eku fakakaukau, ko e ngaahi fakamatala pa'anga 'oku nau fakahā totonu 'i he tapa mahu'inga kotoa 'a e tu'unga fakapa'anga 'i he 'aho 30 'o Sune 2022, mo e ola 'o e ngaahi ngāue mo e ngaahi fehū'aki 'i he 'inasi mo e pa'anga 'o ngata 'i he 'aho faka'osi 'o e ta'u fakapa'anga pea muimui ki he Ngaahi Tu'utu'uni Fakatauhitohi Fakavaha'apule'anga.

Makatu'unga ki he fakakaukau faka'atita

Na'a mau fakahoko 'a e sivi faka'atita 'o fakatatau mo e founa 'atita fakamāmani lahi ki he ngaahi 'ofisi 'atita 'a e Pule'anga. Ko hoku fatongia fakatatau ki he founa ngāue faka'atita 'e fakamatala fakaikiiki ia 'i he konga *Ngaahi Fatongia 'o e 'Atita ki hono 'Atita' i 'o e Ngaahi Fakamatala Pa'anga* 'i he lipooti' ni. 'Oku mau tu'u tau'atāina ki he Kautaha ki he Pule'i 'o e Ngaahi Koloa 'a Tonga fakatatau ki he founa 'atita fakamāmani lahi ki he ngaahi 'ofisi 'atita 'a e Pule'anga (ISSAIs).

Ngaahi Me'a ke Fakatokanga'i

Vakai ki he Nouti 27 (c), "*Fengāue'aki mo e ngaahi kupu iiki*", 'a ia ko e Kautaha Kasa 'a Tonga, 'a ia ko e \$2,814,137 (\$2,453,204 ihe 2021). 'Oku 'ikai fakapapau'i pe 'e totongi 'a e mo'ua ko eni 'e he Kautaha 'Uhila ki he Kautaha Kasa koe'uhi 'i he lolotonga'ni 'oku 'ikai ha aleapau totongi ki he ongo Kautaha fakatou'osi. 'Ikai koia pe, ka 'i he vakai ki he Nouti 30, "*Naahi me'a na'e hoko hili e 'aho palanisi*", 'oku faka'asi ai, "*Hili 'a e ta'u fakapa'anga na'e tuku atu 'e he Poate 'a e Kautaha Kasa 'a Tonga 'a e totonu ki he kautaha 'uhila 'a Tonga ke toloi hono totongi 'a e mo'ua \$2,814,137 'i he 'aho 30 Sune 2022 'aki 'a e mahina 'e 12 pe lahiange hili 'a e 'aho 30 Sune 2022*". 'I he lolotonga'ni, 'oku te'eki ke mau ma'u 'a e lekooti fakapepa 'o e tu'utu'uni ko'eni 'a e Poate 'a e Kau Talēkita.

Ngaahi Fatongia 'o e kau Talēkita mo e kau Pulengāue 'oku nau teuteu 'a e Ngaahi Fakamatala Pa'anga

Ko e fatongia 'o e kau pulengāue 'a e kautaha, ko hono teuteu mo fakahaa'i totonu 'a e ngaahi fakamatala pa'anga 'o fakatatau ki he Ngaahi Tu'utu'uni Lipooti Fakapa'anga Fakavaha'apule'anga pea fa'u mo fokotu'u e ngaahi founa ngāue ke' ne pule'i mo ta'ota'ofi e hoko ha ngaahi palopalema, te' ne ala fakatupu ha fehalaaki 'i he fakamatala pa'anga' tupu mei he faihala pe fehalaaki.

Ko e fatongia 'o e kau pulengāue 'oku hā ia 'i he Lao ki he Ngaahi Pisinisi 'a e Pule'anga 2002.

'I hono teuteu'i e ngaahi fakamatala pa'anga, 'oku toe fakakau ki he ngaahi fatongia 'o e kau pulengāue 'a hono sivilisi'i 'a e tu'unga malava ke hoko atu e mo'ui 'a e kautaha 'i he kaha'u. 'Oku kau foki ki he fatongia 'a e kau pulengāue 'a hono fakahaa'i 'a e ngaahi me'a felāve'i pea mo e tu'unga malava ke hokohoko atu e mo'ui 'a e kautaha ngāue'aki 'a e ngaahi makatu'unga fakatauhitohi, tukukehe ka 'oku fakataumu'a ke fakangata e ngāue 'a e kautaha, pe ko e 'ikai ha fili ka ko hono fakangata 'ene ngāue.

Ngaahi Fatongia 'o e 'Atita ki hono 'Atita'i 'o e Fakamatala Pa'anga

Ko 'emau taumu'a ke tana'ki 'a e ngaahi fakamo'oni pau pe ko e fakamatala pa'anga, 'i hono fakalukufua, 'oku 'ikai ha ngaahi fehalaaki 'e fakatu'utamaki tupu mei he ngäue kākā pe fehalaaki, pea mo tuku atu 'a e lipooti mei he 'atita 'oku fakakau ai 'emau tala fakakaukau.

Ko e tu'unga falala'anga ko e tu'unga ma'olunga ia, ka 'oku 'ikai ke fakapapau'i ko e 'atita 'oku fakahoko 'o fakatatau mo e ISSAI 'oku lava ma'u pe ke ne tala 'a e ha fa'ahinga fehalaaki 'i he'ene hoko. Ko e fehalaaki ko e kehekehe pe ko e to'o ha fika pe koe fakahaa'i ha me'a 'oku 'asi ko e faihala pe fehalaaki. Ko e ngaahi fehalaaki 'e malava ke tupu ia mei ha ngaue kākā pe fehalaaki pea 'e lava ke fakakau ko e fehalaaki lahi ia 'o kapau ko e fehalaaki takitaha pe fakakātoa 'e ngali fe'unga ke ne uesia 'a e faitu'utu'uni 'a kinautolu 'oku nau faka'aonga'i 'a e ngaahi fakamatala pa'anga' ni.

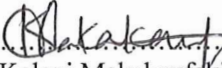
Ko e konga 'o ha ngäue faka-'Atita fakatatau ki he ISSAIs, 'oku mau ngäue'aki 'a e ngaahi ngäue fakataukei mo e faitu'utu'uni kotoa lolotonga 'a e ngäue faka-'Atita. Na'a mau:

- Fakatokanga'i mo sivi'i 'a e tu'unga fakatu'utamaki 'e ala a'u ki ai ha fehalaaki 'i he ngaahi fakamatala pa'anga, pe na'e makatu'unga 'i ha ngäue kākā pe fehalaaki, fa'u mo fakahoko e ngaahi ngäue faka-'Atita ki he ngaahi tu'unga fakatu'utamaki 'e ala a'u ki ai ha hala, pea fakahā ha ngaahi fakamo'oni pau faka-'Atita 'oku fe'unga mo lelei ki he Tala Fakakaukau na'a mau fakahoko.

Ko e tu'unga fakatu'utamaki 'e ala a'u ki ai kapau 'e 'ikai fakatokanga'i ha fehalaaki 'i he fakamatala makatu'unga 'i ha ngäue kākā pe fehalaaki, ha fehalaaki maktu'unga mei ha fakapulipuli, fakamatala 'ikai mo'oni mo totonu, pe 'i ha hala ne fakahoko 'i he 'ilo pau, fakafofonga hala, pe ko hono ngäue hala'aki 'o e mafai fakalotongäue.

- Ma'u ha mahino 'i he pule fakalotongäue 'o fakatatau ki he 'atita pea ke malava ai 'o fa'u ha fokotu'utu'u ngäue faka-'Atita 'e fe'unga mo fakatatau ki he tukunga 'oku 'i ai, 'o 'ikai ke fakataumu'a ki hano fakahā 'o ha Tala Fakakaukau 'o e ngäue fakalakalaka ne fakahoko 'e he pule fakalotongäue 'a e kautaha.
- Sivi'i 'a e fe'unga totonu 'o e ngaahi tu'utu'uni fakatauhi pa'anga ne ngäue'aki fakataha mo e 'uhinga lelei 'o e ngaahi 'esitimeti fakatauhi pa'anga pea mo e ngaahi fakamatala tuku mai mei he kau taki.
- Aofangatuku hono ngäue totonu 'aki 'e he kau pule ha tu'utu'uni aofangatuku fe'unga lelei 'i he hokohoko atu 'a e ngaahi makatu'unga ki ha Fakatupu hokohoko atu, fakatefito 'i he ngaahi fakamo'oni faka-'Atita ne tuku mai, neongo pe 'oku fakata'eta'epau pe feläve'i ki he ngaahi ngäue ne fakahoko pe tu'utu'uni 'o makatu'unga mei ai ha ngaahi veiveiua 'i he fakahoko ngäue 'a e Sino'i Pa'anga ke Fakatupu. Kapau 'e faifaia'ge pea a'u ki ha tu'unga pehē, 'oku fekau'i mai leva kinautolu ke mau tokanga taha ki he'emau lipooti faka-'Atita 'oku fakatefito ia mei he ngaahi fakamo'oni faka-'Atita 'oku tuku mai 'i he vaha'a taimi 'o 'emau fai e ngäue faka-'Atita ko ia. Kaneongo ia, 'e hoko mai 'a e ngaahi tu'utu'uni mo e makatu'unga 'i he kaha'u ke ne kei hokohoko atu 'a e ngäue 'a e kautaha.
- Sivi'i 'a e lipooti fakalukufua, founa fokotu'utu'u mo e hokohoko 'o e ngaahi fakamatala pa'anga, fakataha mo e ngaahi lipooti fakamatala, pea mo vakai'i pe 'oku fakahā mai 'e he ngaahi fakamatala pa'anga 'a e ngaahi ngäue ne fakahoko 'i he founa totonu 'o ha lipooti.

'Oku mau fengäue'aki pea mo kinautolu 'oku 'i he mafai pule, ki ha ngaahi me'a makehe, palani'i mo fokotu'u ha taimi 'atita pea mo e ngaahi fakamo'oni 'atita mahu'inga, kau ki ai ha ngaahi matavaivai 'i he pule'i fakalotongäue 'a e kautaha 'a ia 'oku mau ma'u lolotonga e 'atita'.


Kelepi Makakaufaki Jr, CA (ANZ)
'ATITA SENIALE-LE'OLE'O


'Aho: 24 'o 'Epeleli, 2023

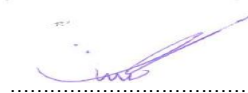
FAKAMATALA KI HE TUPU PE MOLE & PA'ANGA HUMAI MAKEHE KI HE TA'U
'O 'OSI KI HE 30 SUNE 2022

		Fakataha'i 2022	2021	Kautaha 2022	2021
	Nouti	\$	\$	\$	\$
Pa'anga hu mai	6	72,720,473	56,984,836	63,295,437	48,506,100
Mahu'inga e fakatau	10 (a)	(57,833,778)	(41,508,064)	(50,374,362)	(35,896,664)
Tupu Katoa		14,886,695	15,476,772	12,921,075	12,609,436
Pa'anga hu mai kehe	7	4,754,338	5,237,407	4,845,113	5,184,767
Mole 'I he fefakatau'aki		-	(418,250)	-	(418,250)
Fakamole fakatau & tufaki	10 (b)	(7,527,434)	(7,671,664)	(7,457,991)	(7,541,800)
Fakamole faka'ofisi & ngaahi me'akehe	10 (c)	(9,137,254)	(9,332,916)	(7,305,283)	(7,391,969)
Tupu mei he fakalele ngaue		2,976,344	3,291,350	3,002,914	2,442,184
Pa'anga fakamole totonu	8	(1,097,447)	(1,331,007)	(1,056,462)	(1,260,757)
(Mole) / Tupu kimu'a he tukuha		1,878,898	1,960,343	1,946,452	1,181,427
Tukuha vahenga / (fakamole)	11 (a)	(469,724)	(490,086)	(486,613)	(295,357)
(Mole) / Tupu		1,409,174	1,470,257	1,459,839	886,070
Pa'anga lalahi hu mai kehe, katoa tukuha		-	-	-	-
Katoa fakamole/ pa'anga hu mai lalahi kehe		1,409,174	1,470,257	1,459,839	886,070

'Oku totonu ke lau fakataha 'a e fakamatala ki he tupu pe mole 'oku ha atu 'i 'olunga mo e pa'anga lalahi hu mai kehe 'i he ngaahi nouti 'oku ha'u fakataha moia.

		Fakataha'i 2022	2021	Kautaha 2022	2021
	Note	\$	\$	\$	\$
'ESETI					
'Eseti fakapa'anga vave					
Pa'anga	12	1,642,241	2,466,206	993,029	1,368,002
Fefakatau'aki & pa'anga hu mai kehe	13	13,163,310	7,662,541	13,815,856	7,941,325
Ngaahi koloa katoa	14	2,303,347	1,596,844	1,681,687	1,220,823
Mo'ua 'inivesi malu'i	15	777,709	764,243	346,055	339,936
'Eseti tukupau lolotonga	11 (b)	63,194	268,763	-	804,936
		17,949,802	12,758,598	16,836,627	11,675,024
'Eseti fakapa'anga fuolao					
'Eseti tukupau toloi	11 (d)	1,196,298	1,221,418	964,257	770,502
Mo'ua 'inivesi malu'i	15	-	-	-	-
'Eseti ta'eha	16	1,056,086	1,680,760	74,906	717,322
Naunau, me'angaue, misini	17	136,049,690	142,330,428	133,326,035	139,396,236
'Inivesi 'I he fanga ki' l kautaha	25	-	-	3,595,694	3,595,694
Totonu ki hono ngaue'aki e koloa	26	2,544,042	2,660,846	1,444,919	1,522,337
		140,846,116	147,893,451	139,405,811	146,002,091
KATOA E NGAHI KOLOA					
		158,795,918	160,652,049	156,242,438	157,677,114
MO'UA					
Mo'ua lolotonga					
Mo'ua tukupau lolotonga	11 (b)	699,470	-	367,104	-
Toho 'ova 'I he palanisi he pangike	12	1,647,056	98,040	1,647,056	98,040
Fefakatau'aki mo e ngaahi koloa kehe	18	10,406,827	8,724,584	12,172,484	10,565,100
Pa'anga kau ngaue	19	356,945	234,756	301,639	207,233
Ngaahi no	20	4,683,304	4,437,207	4,128,090	4,128,090
'Inasi ki he tiviteni	22	-	-	-	-
Pa'anga hu mai toloi – koloa foaki	24	3,456,509	3,456,509	3,456,509	3,456,509
Ngaahi mo'ua lisi	26	42,890	55,357	22,441	35,030
		21,293,002	17,006,452	22,095,323	18,490,002
Mo'ua taimi lolao					
Mo'ua tukupau toloi	11 (c)	7,936,714	8,533,314	7,608,982	8,159,591
Ngaahi no	20	20,087,246	22,557,937	19,214,990	21,463,789
Pa'anga hu mai toloi – koloa foaki	24	45,056,250	48,512,760	45,056,250	48,512,760
Mo'ua Lisi	26	2,647,510	2,713,004	1,495,089	1,539,005
		75,727,720	82,317,015	73,375,311	79,675,145
KATOA E NGAHI MO'UA					
		97,020,723	99,323,467	95,470,634	98,165,147
KOLOA LAVA LILIU PA'ANGA					
'Inasi pa'anga ngaue	21 (b)	33,783,595	33,783,595	33,783,595	33,783,595
Kolao talifaki fakamahu'inga	23	9,104,057	9,525,181	9,104,057	9,525,181
Ma'u'anga pa'anga ne tauhi		18,887,543	18,019,806	17,884,154	16,203,191
KATOA KOLOA LAVA LILIU PA'ANGA					
		61,775,195	61,328,582	60,771,806	59,511,967
KATOA KOLOA LAVA LILIU PA'ANGA MO E MO'UA					
		158,795,918	160,652,049	156,242,438	157,677,114

Ma'ae Poate 'a e Kau Talekita.



Talekita
Tapu Panuve



Talekita
Maliu Takai

'Oku totonu ke lau faktaha 'a e fakamatala ki he tu'unga fakapa'anga 'i 'olunga mo e nouti 'oku ha'u fakataha mo ia.

	Note	Fakataha'i 2022 \$	2021 \$	Kautaha 2022 \$	2021 \$
Pa'anga tanaki mei he ngaahi ngaue kehekehe					
Tali totongi mei he kasitoma		66,597,985	56,778,902	57,114,805	48,526,151
Totongi ki he kautaha & kau ngaue		(60,411,558)	(46,191,805)	(51,315,650)	(39,119,862)
Totongi tukuhau	11 (b)	(110,348)	(68,915)	(58,937)	-
pa'anga hu mai		-	-	-	-
Totongi malu'i		38,482	14,494	28,534	8,172
Tupu ne hu mai					
Tupu ne totongi atu		(1,056,260)	(1,327,243)	(1,005,327)	(1,265,167)
Toenga pa'anga mei he ngaue koe ni		5,058,301	9,205,433	4,763,425	8,149,293
Pa'anga tanaki mei he ngaahi 'inivesi					
'Inivesi 'I he mo'ua malu'i		(6,119)	(6,026)	(6,119)	(6,026)
Pa'anga mei he mo'ua malu'i		-	-	-	-
Pa'anga mei he fakatau 'o e me'angaue & naunau		18,820	2,500,000	18,820	2,500,000
Ma'u mai koloa ta'e ha	16	(17,992)	(16,004)	-	-
Ma'u mai mei he me'ngaue, fale misini 'uhila & naunau		(3,677,887)	(5,732,623)	(3,609,990)	(5,595,153)
Pa'anga ngaue'aki 'I he 'inivesi		(3,683,178)	(3,254,654)	(3,597,289)	(3,101,180)
Pa'anga mei he ngaahi ngaue fakapa'anga					
Pa'anga mei he no	20 (b)	892,080	-	892,080	-
Totongi atu 'o e no	20 (b)	(4,332,685)	(4,275,085)	(3,687,110)	(4,001,590)
Tiviteni na'e totongi	22	(200,000)	-	(200,000)	-
Totongi mo'ua lisi	26	(91,098)	(68,598)	(78,695)	(51,698)
Lahi e pa'anga tanaki ngaahi ngaue fakapa'anga		(3,731,703)	(4,343,684)	(3,073,725)	(4,053,289)
Katoa mole 'I he pa'anga mo hono tatau		(2,356,580)	1,607,096	(1,907,589)	994,825
Uesia pa'anga tanaki 'o tauhi he tu'unga fakafetongi pa'anga muli		(16,400)	(3,763)	(16,400)	(3,763)
Pa'anga 'i he kamata'anga e ta'u		2,368,166	764,833	1,269,963	278,901
Pa'anga 'i he faka'osinga e ta'u	12	(4,814)	2,368,166	(654,026)	1,269,963

Ko e fakamatala 'o e fehuhu'aki 'o e pa'anga ke lau fakataha ia mo e nouti 'oku ne fa'u 'a e kong'a 'o e fakamatala pa'anga.

	'Inasi Koloa kamata	Koloa lava liliu pa'anga	Tupu fakakatoa	'Ikuiti Fakakatoa
	\$	\$	\$	\$
FAKATAHA'I				
Palanisi 1 Siulai 2020	33,783,595	9,946,305	18,225,417	61,955,317
Pa'anga Humai Fakakatoa				
Tupu	-	-	1,470,257	1,470,257
Fakahu ki he Toenga tupu	-	(421,124)	421,124	-
Ngaahi liliu he ta'u kimu'a	-	-	(1,096,992)	(1,096,992)
Pa'anga Humai fakakatoa	-	(421,124)	794,389	373,265
Ngaahi fefakatau'aki mo e Ma'u 'Inasi				
Foaki mo e Vahevahe				
Tiviteni ne totongi ki he ma'u 'Inasi	-	-	(1,000,000)	(1,000,000)
Ngaahi liliu he ta'u kimu'a	-	-	-	-
Fakakatoa 'o e foaki mo e vahevahe	-	-	(1,000,000)	(1,000,000)
Palanisi 30 Sune 2021	33,783,595	9,525,181	18,019,806	61,328,582
Palanisi 1 Siulai 2021	33,783,595	9,525,181	18,019,806	61,328,582
Pa'anga Huatu Fakakatoa				
Mole	-	-	1,409,174	1,409,174
Fakahu ki he toenga tupu	-	(421,124)	421,124	-
Ngaahi liliu he ta'u kimu'a	-	-	(762,561)	(762,561)
Pa'anga Huatu fakakatoa	-	(421,124)	1,067,737	646,613
Ngaahi fefakatau'aki mo e ma'u 'inasi				
Foaki mo e Vahevahe				
Tiviteni ne totongi ki he ma'u 'inasi	-	-	(200,000)	(200,000)
Fakakatoa 'o e foaki mo e Vahevahe	-	-	(200,000)	(200,000)
Palanisi 30 Sune 2022	33,783,595	9,104,057	18,887,543	61,775,195
	'Inasi Koloa kamata	Koloa lava liliu pa'anga	Tupu fakakatoa	'Ikuiti Fakakatoa
	\$	\$	\$	\$
KAUTAHA				
Palanisi 1 Siulai 2020	33,783,595	9,946,305	16,992,989	60,722,889
Liliu 'i hono fuofua ngaue'aki e IFRS 9, 'osi tukuhau'i	-	-	-	-
Palanisi kuo toe liliu 1 Siulai 2020	33,783,595	9,946,305	16,992,989	60,722,889
Pa'anga Humai Fakakatoa				
Tupu	-	-	886,070	886,070
Fakahu ki he toenga tupu	-	(421,124)	421,124	-
Ngaahi liliu he ta'u kimu'a	-	-	(1,096,992)	(1,096,992)
Pa'anga Humai Fakakatoa	-	(421,124)	210,202	(210,922)
Ngaahi fefakatau'aki mo e Ma'u 'Inasi				
Foaki mo e Vahevahe				
Tiviteni ne totongi ki he ma'u 'inasi	-	-	(1,000,000)	(1,000,000)
Fakakatoa 'o e foaki mo e vahevahe	-	-	(1,000,000)	(1,000,000)
Palanisi 30 Sune 2021	33,783,595	9,525,181	16,203,191	59,511,967
Palanisi 1 Siulai 2021	33,783,595	9,525,181	16,203,191	59,511,967
Pa'anga Huatu fakakatoa				
Tupu	-	-	1,459,839	1,459,839
Fakahu ki he toenga tupu	-	(421,124)	421,124	-
Fakakatoa 'o e pa'anga huatu	-	(421,124)	1,880,963	1,459,839
Ngaahi fefakatau'aki mo e ma'u 'inasi				
Foaki mo e vahevahe				
Tiviteni ne totongi ki he ma'u 'inasi	-	-	(200,000)	(200,000)
Fakakatoa 'o e foaki mo e vahevahe	-	-	(200,000)	(200,000)
Palanisi 30 Sune 2022	33,783,595	9,104,057	17,884,154	60,771,806

Ko e fakamatala 'o e fehuhu'aki 'o e pa'anga he sino'i 'inasi ke lau fakataha ia mo e nouti 'oku ne fa'u 'a e konga 'o e fakamatala pa'anga.

1 LIPOOTI TAU'ATAINA

Ko e Kautaha 'Uhila 'a Tonga TPL (Ko e Kautaha) ko e kautaha Taautaha 'oku fakalo hono pule'i 'e hono kau Pule pea 'oku leisista 'i he Pule'anga Tonga ke fakalele ai 'ene pisinisi. Ko hono 'ofisi 'oku tu'u 'i Lakalakaimonu tuifio moe ngaahi kautaha kehekehe, 'i he hala Taufua'ahau mo Poutaha, Tofoa, Nuku'alofa, Tongatapu.

Ko e tefito'i ngaue 'a e Kautaha 'Uhila 'a Tonga mo hono fanga ki'i kupu iiki (ko e Kulupu) ko hono ngaahi mo tufaki 'a e 'uhila ki he kakai 'o Tonga ni 'uma'a hono fakatau atu 'o e kasa. 'oku toe ngaue fakakonituleki 'uhila pe foki 'a e Kautaha, kae tautefito ki he ngaahi laine ma'ae kau ma'u 'uhila taautaha.

2 MAKATU'UNGA 'O E NGAHI TU'UTU'UNI FAKATAUHI TOHI

(a) Makatu'unga 'o e teuteu

(i) Fakamatala ki he tauhi tu'utu'uni

Ko e ngaahi fakamatala Pa'anga ko 'eni na'e teuteu'i ia 'o fakatautu ki he Tu'unga fakamamani lahi ki he fakamatala fakapa'anga fakatauhitohi fakamamani lahi mo e fiema'u 'a e Lao Ngaahi Pisinisi 'a e Pule'anga, 2002 moe Lao ki he ngaahi Kautaha 'a Tonga, 1995.

Na'e tu'utu'uni 'e he Poate kau Talekita ke tuku atu 'a e ngaahi fakamatala fakapa'anga 'i he 24 'Epeleli 2023.

(ii) Makatu'unga 'o e me'afua

Na'e teuteu'i 'a e fakamatala pa'anga 'o fakatautu ki he konivesio fakahisitolia ki he totongi, 'a ia na'e liliu 'i hono to e fakamahu'inga 'o e ngaahi me'a ngaue 'o e netiueka ki he tufaki e 'uhila pehe ki he kelekele mo e ngaahi fale tukukehe kapau na'e te'eki fakatokanga'i.

'Oku fiema'u 'i he teuteu'i 'o e fakamatala pa'anga ki he founa fakatautu ki he IFRSs, 'oku ngaue'aki leva 'a e ngaahi faka'esitimeti fakatauhitohi 'oku mahu'inga 'aupito, pehe ki he ngaahi fakamaau 'a e kau Pule ki he founa ni pe 'oku makehe lelei nai. Ko e ngaahi tafa'aki 'oku fiema'u ki ai ha sivi pe fakamaau 'oku ma'olunga ange pe lolahi e tokanga ki ai, pe ko e tafa'aki 'oku fu'u mahu'inga ai 'a e fakamahamahalomo mo e faka'esitimeti ka 'oku fenapasi fefe ia moe fakamatala pa'anga kuo tuku atu 'i he nouti 2 (d).

(iii) Hokohoko 'o e ngaahi tokanga makehe

Koe ngaahi fakamatala pa'anga 'ae Kautaha moe Kulupu na'e teuteu'i makatu'unga 'i he hoha'a ma'u pe ki he hokohoko lelei 'a e ngaahi ngaue pisinisi anga maheni 'o fakatautu ki he ngaahi koloa mo hono totongi e ngaahi mo'ua 'i he founa pisinisi anga maheni. Na'e lekooti 'e he Kautaha ha tupu ko e \$1,459,839 ki he ta'u ne 'osi he 30 Siune 2022 (2021: tupu ko e \$886,070) pea 'i he 'aho koia ne 'i ai 'a e mole he tefito'i pa'anga ngaue na'e \$5,258,696 (2021: \$6,814,979). Na'e tohi 'e he Kulupu 'ae tupu ko e \$1,409,174 'i he ta'u ne 'osi ki he 30 June 2022 (2021: tupu na'e \$1,470,257) pea 'i he 'aho koia ne nounou 'aki e tefito'i pa'anga ngaue na'e \$3,343,200 (2021: \$4,247,855). Koe hokohoko atu e faingamalie fakapa'anga 'a e Kautaha moe Kulupu na'e fakatefito ia mei he faingamalie fakapa'anga lolotonga mei he ANZ Tonga Limited pea moe/pe koe ngaahi tupu 'ae Kautaha moe Kulupu.

(b) Makatu'unga 'o e Fakatahataha

Ko e ngaahi fakamatala pa'anga fakatahataha 'ae Kautaha 'i he pea moe ta'u ne 'osi he 'aho 30 Sune 2021 'oku 'i ai e Kautaha mo e ngaahi sino 'oku ne pule'i (fakataha'i katoa 'oku ui koe Kulupu pea taautaha 'oku ui 'aki e hinga 'o e Kulupu).

Pisinisi fakatahataha

'Oku tu'u 'a e Kulupu ma'ae pisinisi fakatahataha 'o ngaue'aki 'a e founa fakatau mai 'i he taimi 'oku pule ai 'a e Kulupu. Ko e me'a oku tuku atu 'i he fakatau ko 'eni 'oku fua pe ia 'i he mahu'inga fakafiemalie ki he taha kotoa 'o hange pe koe koloa/eseti 'oku ma'u. Ka 'i ai ha fa'ahinga tokoni 'e toki 'asi hake 'e vakai'i fakata'u pe 'oku 'i ai ha uestia 'e hoko kiai. Ka 'i ai ha tupu 'i ha fakatau tuki 'oku fakahaa'i pe ia 'i he tupu pe mole 'i he taimi pe koia. Ko e ngaahi fakamole 'i he fefakatau'aki 'oku lau ia ko e fakamole kuo fakahoko.

Ngaahi kautaha iiki

Ko e fanga ki'i kautaha iiki 'oku pule'i pe ia 'e he kulupu. 'Oku pule'i 'e he kulupu ha kautaha 'oku na fengau'aki, pe 'i ai ha'ane totonu kiai, 'i ai e ngaahi totongi kehekehe he 'ena fengau'aki pea 'i ai mo hono mafia ke uestia 'a e ngaahi pa'anga ko 'eni 'i hono mafai pule ki ai. 'Oku fakakau 'a e fakamatala pa'anga 'a e fanga ki'i kupu iiki ko 'eni 'i he fakamatala pa'anga fakatahataha 'o kamata pe meihe 'aho na'e kamata ai hono pule'i 'e he kautaha 'a e kupu ko 'eni 'o a'u ki ha taimi 'e ngata ai.

To'o ngaahi fakamatala ni'ihia mei he fakatahataha

'Oku to'o 'a e ngaahi palanisi mo e ngaahi ngaue fakapa'anga mo ha fa'ahinga pa'anga hu mai pe fakamole na'e fakahoko fakaloto kautaha. Kuo liliu 'a e ngaahi tu'utu'uni ngaue fakatauhitohi 'a e ngaahi kautaha iiki kapau 'oku fiema'u ke fakapapau'i 'oku tata pe mo e tu'utu'uni ngaue 'a e Kulupu. Ko e 'inivesi he ngaahi kautaha iiki ko 'eni 'oku vakai'i pe fua'aki ia 'a e fakamole, kole mei ai 'ae ngaahi 'eseti kuo holo hono mahu'inga.

2 MAKATU'UNGA 'O E NGAHI TU'UTU'UNI FAKATAUHI TOHI (hokoatu)

(b) Liliu 'o e Pa'anga muli

(i) *Fa'ahinga Pa'anga ngaue'aki*

'Oku fua 'a e ngaahi koloa 'oku kau he fakamatala pa'anga 'o ngaue'aki 'a e pa'anga tefito 'oku fai ai 'a e ngaue fakapa'anga 'i he 'ataakai faka'ekonomika 'oku 'i ai e kautaha. Ko e fakamatala pa'anga 'oku fakahoko 'aki ia e paa'nga Tonga pea faka'ilonga'i 'aki e '\$' 'a ia ko e pa'anga ia 'oku ngaue'aki 'e he Kulupu 'o faka'osi pe ki he pa'anga fika katoa ofi taha.

(ii) *Fengaue'aki fakapa'anga mo e ngaahi palanisi*

'Oku liliu 'a e ngaahi pa'anga muli 'oku ma'u mai ki he pa'anga ngaue 'a e Kautaha 'o ngaue'aki 'a e tu'unga fakafetongi pa'anga 'o e 'aho koia. 'Oku ha 'i he tupu mo e mole pe mole 'i he fetongi pa'anga 'uli 'i he 'osi 'a e kakato 'a e ngaahi fengaue'aki fakapa'anga na'e fakahoko pe ko ha 'eseti pe laiapiliti.

(c) Fakafuofua mo e 'esitimeti fakatauhitohi

Koe teuteu 'o e ngaahi fakamatala pa'anga ke tatau mo e IFRS 'oku fiema'u e pule ke fai e ngaahi tu'utu'uni, fakafuofua mo e 'esitimeti 'oku ne uesia hono fakahoko e ngaahi tuutu'uni faka-tauhitoi pea moe mahu'inga 'o e ngaahi koloa, ngaahi mo'ua, pa'anga hu mai moe ngaahi fakamole 'oku lipooti. Ko e ngaahi ola totonu 'e ala kehekehe ia mei he ngaahi 'esitimeti ko 'eni.

Ko e ngaahi 'esitimeti moe ngaahi fakafuofua 'oku toutou vakai'i ma'u pe. Ko hono vakai'i 'o e 'esitimeti faka-tauhitoi 'oku fakatokanga'i ia 'i he taimi 'oku vakai'i ai mo ha taimi he kaha'u 'oku uesia ai.

'Oku tautatefito 'eni, ko ha ngaahi fakamatala ki ha feitu'u mahu'inga 'oku ta'epau hono 'esitimeti mo ha tu'utu'uni mahu'inga hono fakahoko e ngaue fakatauhitoi 'oku ne uesia lahi e lahi 'o e mahu'inga he ngaahi fakamatala pa'anga 'oku fakakau atu eni he ngaahi nouti hoko hake:

Nouti 3 (g) – Uesia 'oe ngaahi koloa faka-pa'anga

3 TU'UTU'UNI NGAUE FAKATAUHITOHU MAHU'INGA (hokoatu)

(a) Ngaue fakapa'anga ngaue'aki pa'anga muli

Ko e ngaahi ngaue fakapa'anga 'o ngaue'aki 'a e pa'anga muli 'oku liliu ki he pa'anga Tonga (TOP) 'i he tu'unga fakafetongi pa'anga 'o e 'aho koia. Ko e mahu'inga fakapa'anga 'o e 'eseti mo e laiapiliti 'oku fakaha 'i he pa'anga muli 'i he 'aho na'e lipooti ai 'oku liliu ki he TOP 'i he tu'unga fakafetongi pa'anga 'o e 'aho ne lipooti 'i hono fakahoko 'o e ngaue. 'Oku ha 'a e holo mo e tupu 'i he fakafetongi pa'anga muli 'i he lekooti tupu mo e mole.

(b) Naunau, falemisini, me'angaue

Fakatokanga'i mo e me'afua

'Oku fakamahu'inga 'ehe Kulupu 'enau ngaahi falengaue moe me'angaue 'i hono totongi, 'a ia 'oku kau ai 'a e mahu'inga 'o e no tefito, to'o mei ai e mahu'inga 'o e ngaahi holoki hono mahu'inga mo ha ngaahi maumau hokohoko mai ki he kolooa tukukehe 'a e ngaahi me'angaue ki he tufaki faka-netiueka, kelekele moe ngaahi fale 'a ia 'oku toki fakamahu'inga ia he taimi toe fakamahu'inga. Ko hano holoki e mahu'inga 'o e kolooa he 'aho 'o e toe fakamahu'inga 'e tamate'i ia fakafuofua ki he totongi fakalukufua 'o e kolooa pea 'oku toe fakaha mai 'a e totongi totonu, 'osi to'o fakamole, 'o e mahu'inga fo'ou 'o e kolooa.

Fakamole hoko atu

Ko hono fakapa'anga 'a e fakamole hoko atu 'i he totongi e mahu'inga 'o e kolooa pea 'oku lau ia koe kolooa kehe 'e toki ala ma'u pe hono mahu'inga totonu kapau 'e ha ngalingali 'e ma'u mai ha pa'anga 'a e Kulupu mei he kolooa ni he kaha'u. Koe mahu'inga 'o ha kongas 'o e kolooa 'e fetongi, 'oku 'ikai ke lau ia. Koe fakalelei mo hono tokanga'i 'oku tohi ia kihe tupu pe mole lolotonga e ta'u faka-pa'anga 'oku fai ai e ngaahi ngaue ko 'eni.

Ko e ngaahi hiki he mahu'inga lolotonga koe ola 'o e toe fakamahu'inga 'oku tohi ia he pa'anga hu mai pea toe ha he pa'anga talifaki ki he toe fakamahu'inga 'i he vahevahe tatau 'a e kau ma'u 'inasi. Ko e ngaahi holo ne nau holoki ai ngaahi hiki he mahu'inga ki mu'a e kolooa 'oku tohi ia ki he ngaahi pa'anga hu mai pea tohi mo'ua ia ki he pa'anga talifaki ki he kolooa 'i he vahevahe taau. Ko e ngaahi holo kehe kotoa pe 'oku tohi ia kihe tupu pe mole. Koe ta'u kotoa koe kehekehe he holoki e mahu'inga fakatefito mei hono toe fakamahu'inga e ngaahi kolooa pea 'e tohi ia ki he tupu pe mole pea koe holoki e mahu'inga tefito mei he 'uluaki mahu'inga 'o e kolooa 'oku 'ave ia mei he pa'anga talifaki ki he toe fakamahu'inga ki he pa'anga hu mai tauhi.

Ko e holoki e mahu'inga 'oku fika'i ia ke tamate'i e mahu'inga 'o e kolooa hange koe naunau, falengaue pea moe me'angaue pea kuo 'osi to'o mei ai e mahu'inga 'o e taimi na'e ngaue'aki ai pea 'oku ha ma'u pe 'eni he tupu moe mole. Koe tefito'i mahu'inga fakata'u 'oku ngaue'aki koe:

Me'angaue fou ivi 'uhila	3.33% to 33.33%
Naunau Tufaki laine/netiueka	1.82% to 100%
Komipiuta & Me'angaue	11.55% to 29.97%
Naunau fale & Kolooa tu'uma'u	10.25% to 25.31%
Naunau & Me'angaue	10.03% to 25.31%
Saliote misini/Me'alele	20% to 33.33%
Kelekele & Fale	3.33%
Naunau iiki kehe	10%
Kelekele lisi	Lolooa 'o e lisi

Koe mahu'inga lolotonga 'o ha kolooa 'oku tohi hoko atu pe ia ki he lahi 'o e mahu'inga 'e toe ala ma'u mei ai 'o kapau 'oku lahi ange hono mahu'inga lolotonga he pa'anga 'e toe ma'u mei ai. Ko ha ngaahi tupu pe mole mei hano fakatau atu e ngaahi kolooa ko 'enii 'e ha ia he tupu pe mole. 'I he taimi 'oku fakatau atu ai e ngaahi kolooa ne toe fakamahu'inga, koe pa'anga ko 'eni 'oku kau ia he ngaahi pa'anga talifaki pea 'e hiki ia kihe pa'anga hu mai tauhi. Koe ngaahi founa holoki mahu'inga, taimi ngaue'aki ai, moe lolooa hono ngaue'akii 'oku vakai'i ma'u pe ia he 'aho 'o e lipooti pea 'oku fakatonotonu 'oka fiema'u.

3 TU'UTU'UNI NGAUE FAKATAUHITOHI MAHU'INGA (hokoatu)

(b) Koloa 'eseti 'ikai ke ha mai

Sofiuea

Fakatokanga'i mo e fakamahu'inga

Ko e ngaahi koloa 'ikai tu'umau 'oku kau ai e mahu'inga e ngaahi sofiuea ki he ngaahi komipiuta 'oku ngaue'aki ki he tohi mo'ua. Ko e ngaahi koloa 'ikai tu'u ma'u 'oku fakatau mai pea 'oku lesisita 'aki pe ia e totongi he 'aho ne ma'u mai ai he koe totongi taau ia ki he koloa pea fakakau atu kiai mo e ngaahi totongi kehe felaave'i moe fakatau ne fakahoko. Koe ngaahi totongi hono tokanga'i e ngaahi sofiuea komipiuta 'oku fakatokanga'i ia koe ngaahi fakamole na'e fakahoko. Koe ngaahi totongi kihe ngaahi fakalakalaka ki hono fa'u moe tesi 'o e sofiuea 'oku ui ia koe koloa 'ikai tu'uma'u.

Ngaahi fakamole hoko atu

Ko e ngaahi fakamole hoko atu 'oku toki ui pe koe pa'anga ngaue 'i ha'ane fakalahi e ngaahi monu'ia faka-ekonomika 'i he kaha'u 'oku 'i he koloa makehe 'oku felaave'i mo ia.

Totongi holo

Ko e ngaahi polokalama sofiuea komipiuta kotoa pe 'oku fakangatangata pe honau 'aonga pea 'oku fakamahu'inga nautolu 'i ha totongi 'oku si'isi'i ange ia he mahu'inga tanaki fakataha ki hono holoki mamalie hono mahu'inga fakataha mo e ngaahi mole maumau. Ko e holoki 'o e mahu'inga 'o e ngaahi koloa 'ikai tu'uma'u 'oku fakahoko ia founa laine hangatonu 'i 'olunga ia he 'enau mo'ui 'oku fakafuofua ki he ta'u 'e nima. Ko e ngaahi founa ke holoki honau ngaahi mahu'inga, mo'ui 'aonga, mo e ngaahi mahu'inga he taimi ngaue'aki 'oku vakai'i ma'u pe he taimi lipooti kotoa pe pea fakatonutonu 'oka fiema'u.

Ongoongo lelei

Ko e ongoongo Lelei 'oku 'asi mei hono fakatau 'oe ngaahi va'a ko 'enii 'oku fakamahu'inga ki hono totongi to'o mei ai e ngaahi mole mei ha ngaahi maumau.

(c) Pa'anga Hu mai mo e ngaahi totongi

Ko e pa'anga hu mai mo e pa'anga totongi 'a e Kulupu 'oku kau kiai:

- Totongi tupu he pa'anga hu mai;
- Totongi tupu he fakamole, pea
- moe tupu pe mole mei he pa'anga muli 'oku fakapa'anga'aki 'a e 'eseti mo e laipiliti/mo'ua fakapa'anga.

Ko e tupu he pa'anga hu mai pe koe mole 'e ha hano ngaue'aki e founa ki he tupu 'oku tonu. Ko e tu'unga tupu lelei ko 'enii pe fakamole 'oku 'i he tu'unga ia 'oku ne holoki ngaahi totongi pe fakamole oku 'esitimetu ki he kaha'u lolotonga hono kei ngaue'aki e ngaahi me'angaue fakapa'anga ko 'enii:

- koe mahu'inga kolosi 'oe koloa faka-pa'anga; pe
- koe tu'unga holo e mo'ua faka-pa'anga.

'I hono fika'i e tupu hu mai mo e fakamole, koe tu'unga tupu ia 'oku ngaue'aki, 'oku fakahoko ia kihe mahu'inga kolosi 'o e koloa (taimi 'oku 'ikai uesia 'e he mo'ua e koloa) pe koe mahu'inga holo 'o e mo'ua. Kaikehe, koe ngaahi koloa fakapa'anga koe kuo a'u 'o mo'ua ki mu'a pea toki tohi e koloa, 'oku fika'i e tupu humai 'aki e tupu 'oku ngaue'aki ki he mahu'inga holo 'o e koloa faka-pa'anga. Kapau leva 'oku 'ikai toe mo'ua e koloa pea 'e fika'i leva e tupu humai mei he mahu'inga kolosi.

(d) Ngaahi koloa

Koe ngaahi koloa 'oku hiki ia totongi 'oku ma'ulalo moe mahu'inga kuo 'osi to'o kotoa e ngaahi fakamole. Koe mahu'inga ko 'eni 'oku fika'i ia 'i he mahu'inga ke fakatau atu 'aki e koloa 'i he lolotonga pe lele angamaheni 'a e pisinisi, 'osi to'o mei ai e ngaahi fakamole ki hono fakatau.

Ko e totongi 'oku tu'utu'uni ia mei he founa faka'avalisi ki he lolo mo e koe mu'a mai koe 'uluaki foki ia (First-in First-out (FIFO)) ki he ngaahi kongokonga me'alele sipea. Koe mahu'inga 'o e ngaahi koloa kehekehe 'oku kau mo e ngaahi fakamole 'i hono fakatau mai e koloa koia 'o a'u ki hono tu'unga he taimi ni.

(e) Ngaahi me'angaue faka-pa'anga

i. Fakatokanga'i & Me'afua kamata

Ko e ngaahi fefakatau'aki 'oku ma'u mai 'oku fakatokanga'i pe mei 'ene kamata. Ko e ngaahi koloa fakapa'anga kehee moe ngaahi mo'ua 'oku fakatokanga'i ia he taimi kuo kau mai 'a e Kulupu ki he ngaahi aleapau fekau'aki moia ki he me'a ngaue.

Koe koloa faka-pa'anga (tukukehe kapau 'oku ma'u ha pa'anga mei ai pea na'e 'ikai fu'u lahi e fakamole ki hono fakatau mai) pe ko ha mo'ua fakapa'anga 'oku 'uluaki fakamahu'inga ia he mahu'inga taau ki he me'angaue 'o 'ikai ko e FVTPL, ko e ngaahi ngaue fakapa'anga 'oku hoko kotoa pe ia 'i he fakatau 'o e koloa. Ko ha pa'anga 'oku ma'u mei ai ta'e 'i ai ha fu'u fakamole lahi kiai 'oku fuofua fakamahu'inga ia 'i hono totongi he fefakatau'aki

3 TU'UTU'UNI NGAUE FAKATAUHITOHI MAHU'INGA (hokoatu)

(f) Me'angaue fakapa'anga (hokoatu)

ii. Fakafa'ahinga moe ngaahi fakamahu'inga ki mui

Ngaahi koloa faka-pa'anga

'I hono 'uluaki fakatokanga'i pe, koe koloa fakapa'anga 'oku fakafa'ahinga ia na'e fakamahu'inga 'i he mahu'inga holo, FVOCI pe FVTPL. 'Oku 'ikai ke toe fakafa'ahinga e koloa fakapa'anga hili hono 'uluaki fakamahu'inga tukukehe kapau 'e liliu 'ehe Kulupu 'ene fokotu'utu'u pisinisi ki hono pule'i 'o e 'u koloa fakapa'anga, pea kapau 'e hoko ia koe ngaahi koloa faka-pa'anga kotoa 'e toe fakamahu'inga ia he 'uluaki 'aho 'o e 'uluaki taimi lipooti hili hono liliu e founa pisinisi.

'Oku fakamahu'inga e koloa faka-pa'anga 'i he mahu'inga holo kapau 'oku kakato loua 'a e fiema'u pea he 'ikai iku ia ke 'i he FVTPL:

- 'oku tauhi 'i loto he founa pisinisi ko 'enau taumu'a ke puke e koloa ke tanaki ha pa'anga mei he aleapau; moe
- ko e ngaahi tu'utu'uni he aleapau 'oku ne 'ohake ai e ngaahi 'aho pau 'e hu mai ai e pa'anga 'a ia koe totongi 'ata'ata pe ia ki he pa'anga tefito ne fai'aki e fakatau pea mo ha tupu he pa'anga koia 'oku mo'ua.

Ko e ngaahi koloa faka-pa'anga kotoa pe 'oku 'ikai fakafa'ahinga ke fakamahu'inga holo pe FVOCI hangee ko hono fakamatala 'i 'olunga, 'oku fakamahu'inga ia he FVTPL. 'I hono 'uluaki fakatokanga'i, 'e mei fakamavahe'i 'e he Kulupu e koloa fakapa'anga koia neongo 'oku kakato pe e ngaahi fiema'u ke fakamahu'inga holo pe FVOCI 'o hange pe koe FVTPL kapau 'e fakahoko ia 'e tamate'i ai pe holoki lahi e faikehekehe faka-tauhitohi 'e ala tupu hake ai.

Ngaahi koloa faka-pa'anga: Vakai'i he motolo pisinisi

'Oku vakai'i 'ehe Kulupu 'a e taumu'a 'o e motolo fakapisinisi 'oku ngaue'aki ki he 'eseti fakapa'anga 'i he tu'unga fakapotungaue koe'uhi ko e leleitaha 'eni ke ne hulu'i mai 'a e founa 'oku pule'i 'aki 'a e pisinisi mo e fakamatala 'oku ne tuku mai. 'Oku kau 'i he ngaahi fakamatala ko 'eni 'a e:

- Tu'unga 'o e ngaahi tu'utu'uni ngaue mo hono ngaahi taumu'a ki he kautaha mo hono ngaue'i 'o e ngaahi tu'utu'uni ngaue. 'Oku kau heni 'a e palani ngaue ki hono pule'i 'o fakatefito 'i he pa'anga hu mai felotoi, pukepuke ha tefito'i totongi tupu, fakahoa 'a e taimi ngaue'aki e 'eseti fakapa'anga ki he taimi hono ngaue'aki 'o ha fa'ahinga laiapiliti fakapa'anga felave'i pe koe hulu 'i he fengau'e'aki fakapa'anga pe fakatokanga'i 'a e fengau'e'aki fakapa'anga fakafou 'i he fakatau 'o e ngaahi 'eseti;
- founa hono sivi mo lipooti 'a e fakahoko ngaue 'a e kautaha ki he va'a ngaue 'a e kau pule.
- Ko e ngaahi fakatamaki 'oku ne uesia 'a e ngaue 'a e motolo fakapisinisi (mo e ngaahi 'eseti fakapa'anga 'oku ngau'eaki ki he motolo fakapisinisi) mo e anga hono pule'i e ngaahi fakatamaki;
- anga e totongi huhu'i 'oku fai ki he kau taki 'oe pisinisi – fakatata; pe 'oku fakatefito 'a e totongi huhu'i 'i ha totongi taau 'o e 'eseti 'oku pule'i pe koe pa'anga ngaue 'oku tanaki: mo e
- vave, lahi mo e taimi fakatau 'o e 'eseti fakapa'anga 'i ha taimi kimu'a, ngaahi 'uhinga ki he fakatau mo e 'amanaki ki he kaha'u felave'i mo e fakatau.

Ko hono foaki 'o e ngaahi koloa fakapa'anga ki he paati fika tolu 'i he fefakatau'aki 'a ia 'oku 'ikai ke kau ki he 'ikai ke fakatokanga'i pea 'oku 'ikai taau ke fakatau atu ki he 'uhinga ko 'eni, 'o fenapasi pea mo e hokohoko atu 'a hono fakatokanga'i 'o e koloa 'a e Kulupu.

3 TU'UTU'UNI NGAUE FAKATAUHI TOHI MAHU'INGA (hokoatu)

(f) Me'angaue fakapa'anga (hokoatu)

ii. Fakafa'ahinga moe ngaahi fakamahu'inga ki mui (hoko atu)

Ngaahi koloa-fakapa'anga: Vakai'i pe koe pa'anga ma'u mei he aleapau ko e totongi 'ata'ata pe e tefito'o pa'anga mo e tupu

Ki he ngaahi 'uhinga ki hono vakai'i ko eni, ko e "tefito'i pa'anga" 'oku faka'uhinga ia ko e mahu'inga taau ia 'o e koloa 'i hono 'uluaki ma'u mai. Koe "tupu" 'oku faka'uhinga ia ki hono vakai'i e mahu'inga 'o e pa'anga he taimi koiaa pea mo ha nunu'a 'o ha mo'ua felave'i moe tefito'i pa'anga 'oku te'ekiai ma'u mai lolotonga ha fo'i taimi makehe pea mo ha ngaahi nunu'a he tefito'i noo pea mo hono mahu'inga (fakatata; ko ha ngaahi nunu'a 'o e pa'anga ngaue'aki mo e ngaahi totongi fakangaue) pea pehee ki he lahi 'oe tupu.

'I hono vakai pe koe pa'anga ma'u mai mei he aleapau koe totongi 'ata'ata pe ia e tefito'i pa'anga mo e tupu, 'oku sio leva 'a e Kulupu ki he ngaahi tu'utu'uni 'a e aleapau kihe me'angaue. 'Oku kau heni hano vakai'i pe ko e koloa fakapa'anga ko 'eni 'oku 'i ai ha konga he aleapau 'oku malava kene liliu e taimi pe koe lahi 'oe pa'anga 'e ma'u mai pea 'e 'ikai mei malava ai ke fakakakato e konga aleapau ko 'enii. 'I hono fai e vakai'i ko 'eni, 'oku sio e Kulupu:

- ki ha ngaahi me'a 'e hoko tene ala liliu e lahi moe taimi 'e ma'u mai ai e pa'anga;
- ha ngaahi tu'utu'uni tene ala fakatonutonu e mahu'inga aleapau kaponi, kau ai ha ngaahi me'a e fetoo'aki e mahu'inga;
- ha totongi ki mu'a mo ha fakaloloa; pea
- mo ha ngaahi tu'utu'uni tene fakangatangata e fiema'u 'e he Kulupu e pa'anga ke hu mai mei ha ngaahi koloa fakapa'anga kuo 'osi tuhu'i pau (fakatata; ha ngaahi me'a 'oku 'ikai toe ala liliu).

Ko me'a makehe he totongi ki mu'a he 'oku fenaapasi ia mo totongi 'ata'ata pe e tefito'i pa'anga mo e tupu mo e tu'utu'uni ki he tupu kapau koe lahi e totongi ki mu'a 'oku ne fakafongata e lahi 'o e tefito'i pa'anga mo e tupu 'oku teekiai totongi pea 'e ala kau ai mo ha toe totongi huhu'i ke fakangata vave e aleapau.

Ngaahi koloa faka-pa'anga: fakamahu'inga ki mui moe tupu moe mole

Ko e ngaahi koloa faka-pa'anga koe 'oku fakamahu'inga he mahu'inga holo'oku toe fakamahu'inga pe he mahu'inga holo 'o ngaue'aki 'ae founa ki he tupu lolotonga. 'Oku holoki e mahu'inga holo 'aki e ngaahi mole mei he ngaahi maumau. Ko e pa'anga mei he tupu, ngaahi tupu pe mole mei he fetongi pa'anga muli mo e ngaahi maumau 'oku ha ia he tupu pe mole.

iii. Ngaahi mo'ua faka-pa'anga - Fakafa'ahinga, fakamahu'inga ki mui mo e tupu mo e mole

Ko e ngaahi mo'ua faka-pa'anga 'oku fakafa'ahinga pea fakamahu'inga ia he totongi holo pe FVTPL. Ko ha mo'ua 'oku fakafa'ahinga he FVTPL 'oku kau ia hono ta'ofi ki he fefakatau'aki, ko e konga ia pe na'e 'osi tu'utu'uni pe ia ko e mo'ua pehee mei he kamata. Ko e ngaahi mo'ua faka-pa'anga he FVTPL 'oku fakamahu'inga ia he mahu'inga taau moe ngaahi tupu haohaoa pe mole kau ai ha fakamole kihe tupu, pea 'oku ha 'eni he tupu pe mole. Ko e ngaahi mo'ua kehe 'oku toki fakamahau'inga ia he mahu'inga holo 'o ngaue'aki 'a e founa 'o e tupu lolotonga. Ko e ngaahi fakamole ki he tupu mo e ngaahi tupu pe mole mei he fetongi pa'anga muli 'oku ha ia he tupu pe mole. Ko ha ngaahi tupu pe mole mei hano fakata'e'aonga'i 'oku ha moia he tupu pe mole.

iv. 'Ikai Fakatokanga'i

Ngaahi koloa faka-pa'anga

'Oku 'ikai toe fakatokanga'i 'e he Kulupu ha koloa faka-pa'anga kapau kuo 'osi e totonu he aleapau ke toe ma'u mei ai ha pa'anga, pe kuo hiki e totonu ke ma'u e pa'anga mei he aleapau koiaa pe 'oku 'ikai hiki pe kei ma'u katoa e ngaahi nunu'a pe monu'ia ki hono kei ma'u e kolooa pea 'oku 'ikai kene pule'i e koloa fakapa'anga koia.

3 TU'UTU'UNI NGAUE FAKATAUHITOHI MAHU'INGA (hokoatu)

(f) Me'angaue fakapa'anga (hokoatu)

iv. 'Ikai fakatokanga'i (hokoatu)

Ngaahi mo'ua fakapa'anga

'Oku 'ikai toe fakatokanga'i 'e he Kulupu ha koloa faka-pa'anga kapau kuo 'osi hono ngaahi fatongia aleapau kiai pe kaniseli pe 'osi hono taimi ngaue'aki. 'Oku 'ikai toe fakatokanga'i 'e he Kulupu ha koloa fakapa'anga kapau kuo liliu pea koe pa'anga mei he aleapau liliu koia 'oku fu'u kehekehe, pea 'e 'iai leva e aleapau fo'ou 'o fakatefito ia he liliu koiaa 'i ha mahu'inga 'oku taau.

'I hono to'o e fakatokanga'i 'o ha mo'ua fakapa'anga, ko e kehekehe he mahu'inga 'oku tamate'i pea moe pa'anga na'e totongi (kau ai ha koloa 'oku 'ikai koe pa'anga na'e hiki mai pea koe mo'ua ne tuku mai) 'oku ha ia he tupu pe mole.

v. Fakafetongi

Ko e ngaahi koloa faka-pa'anga mo e ngaahi mo'ua pa'anga 'oku fetongi pea koe mahu'inga haohaoa 'oku ha he fakamatala pa'anga 'ihe taimi, pea koe taimi pe ia, 'oku lolotonga ma'u 'ehe Kulupu e totonu fakalao ke fakamalohi'i ke to'o e mahu'inga ko eni pea 'oku ta'emu'a fakakakato eni 'ihe tefito haohaoa pea ko hono fakatokanga'i e koloa pea totongi fakataha aipe moe mo'ua.

vi. Liliu ki he ngaahi koloa faka-pa'anga

Kapau 'oku fakalelei'i e ngaahi tu'utu'uni ki ha koloa faka-pa'anga, 'oku fakamahu'inga 'e he Kulupu pe 'oku kehekehe lahi e pa'anga hu mai mei he koloa koia ne fakalelei'i. Kapau 'oku kehekehe lahi e pa'anga hu mai, 'e pehe leva ia kuo 'osi e taimi ia 'o e totonu ki he pa'anga hu mai koia. 'I he 'ene hoko pehe nii, 'oku to'o leva e koloa fakapa'anga koia (sio 4(iv) pea 'oku fakatokanga'i e koloa faka-pa'anga fo'ou 'i ha mahu'inga taau.

Kapau 'oku 'ikai fu'u kehekehe e pa'anga hu mai mei he koloa 'oku fakamahu'inga holo pea 'oku 'ikai koe fakalelei ia ne to'o ai e koloa ko 'enii. 'I he keisi pehe ni, 'oku toe fika'i leva 'ehe Kulupu 'a e mahu'inga kolosi 'o e koloa pea lau leva ia ko e tupu pe mole mei he fakalelei pea 'e ha leva ia he tupu pe mole. Kapau 'oku fakahoko e fakalelei ko e 'uhi ko ha faingata'ia faka-pa'anga 'a e taha noo pea 'oku fakahu fakataha leva e tupu moe mole moe ngaahi mole he maumau. 'I he ngaahi keisi kehe, 'oku tuku atu ia ko e pa'anga hu mai tupu.

(f) Ngaahi Maumau

i. Ngaahi koloa faka-pa'anga 'ikai lava fakamahu'inga'i

'Oku fakatokanga'i 'e he Kulupu 'a e pa'anga tukumavahe ki he ngaahi mole ki ha ngaahi mole fakamo'ua na'e 'amanekina (ECL) 'i he ngaahi koloa faka-pa'anga na'e totongi holo.

'Oku fakamahu'inga 'e he Kautaha 'a e pa'anga tukumavahe ki he ngaahi mole 'i ha mahu'inga 'oku tatau mo e mo'ui 'ae ECL, tukukehe 'a e fa'ahinga ko 'eni 'a ia 'oku fua kinautolu ia ko e ECL mahina 12 pe:

- ngaahi malu'i mo'ua 'oku 'osi fakakaukau'i 'oku ma'ulalo ha palopalema 'e hoko kiai he taimi lipooti; pea moe
- ngaahi malu'i mo'ua kehe mo e ngaahi palanisi mei he pangike 'a ia ko ha palopalema mo'ua kiai (fakatata; si'isi'i ha paopalema ko e ta'etotongi mo'ua ki he loloa e me'angaue faka-pa'anga) na'e 'ikai ke fu'u hiki lahi talu mei hono 'uluaki fakamahu'inga'i.

Ko e ngaahi pa'anga tukumavahe ki he pa'anga hu mai mei he ngaahi fefakatau'aki 'oku fua ma'u'aki pe ia ha mahu'inga tatau ki he 'ene mo'uii ECL.

'I he taimi 'oku fakakaukau'i ai pea kuo hiki lahi ha palopalema mo'ua 'o ha koloa faka-pa'anga mei hono 'uluaki fakamahu'inga pea moe taimi 'oku esitimetu ai e ECL, 'oku vakai leva e Kulupuu ki ha ngaahi fakamatala 'oku poupou pea mahu'inga malie 'oku 'aonga pea 'oku ma'u ta'etotongi. 'Oku kau heni e ngaahi fakamatala mo e ngaahi analaiso 'oku mahu'inga pea lahi, fakatefito mei he taukei faka-hisitolia mo hono vakai'i fakamataotao e ngaahi mo'ua kau ai mo ha ngaahi fakamatala kihe kaha'u.

3 TU'UTU'UNI NGAUE FAKATAUHITOHI MAHU'INGA (hokoatu)

(g) Ngaahi maumau (hokoatu)

Ngaahi koloa fakapa'anga 'ikai lava fakamahu'ingai (hokoatu)

'Oku lau 'ehe Kulupu kuo hiki lahi ki 'olunga ha mo'ua kapau kuo loloa hake he 'aho 90 hono ta'e totongi.

'Oku lau 'ehe Kulupu ha koloa fakapa'anga 'oku ta'etotongi 'i he taimi:

- 'oku hangehange he'ikai totongi kakato 'e he tokotaha no hono mo'ua ki he Kulupu, ke tupu ai ha fai 'e he Kulupu ha ngaue kehe hange ngaue'aki e malu'i (kapau 'oku 'iai ha malu'i); pe
- koe koloa faka-pa'anga 'oku tomui 'aki e 'aho 'e 90.

'Oku vakai e Kulupu 'oku ma'ulalo ha palopalema mo'ua kapau ko e tu'unga e palopalema mo'ua 'oku tatau mo hono faka'uhinga 'oku mahino 'o e "tu'unga 'inivesimeni". 'Oku ui 'ehe Kulupu koe Baa3 pe ma'olunga ange 'i he ngaahi kautaha Moody's pe BBB pea ma'olunga ange he kautaha Standards & Poo's.

Ko e Lifetime ECL ko e ngaahi ECL ia mei he ngaahi mo'ua ne 'ikai totongi 'i he loloa ne fakafuofua ki he mo'ui 'ae me'angaue faka-pa'anga.

Ko e ECL mahina 12 ko e konga ia e ngaahi ECL ko e ola 'o e ngaahi me'a ta'etotongi 'e malava lolotonga e mahina 'e 12 mei he 'aho lipooti (pe ha taimi nounou ange kapau koe mo'ui 'a e me'angaue 'oku si'isi'i ange he mahina 'e 12).

Ko e taimi loloa taha 'oku ngaue'aki ki hono 'esitimetri e ngaahi ECL ko e taimi loloa taha ia e aleapau 'oku malava ai ke tekeutua atu e Kulupu ki he ngaahi palopalema mo'ua

Fakamahu'inga e ngaahi ECL

Ko e ngaahi ECL ko e ngaahi esitimetri fakafuofua 'o e ngaahi fakamole mo'ua. 'Oku fakamahu'inga kinautolu hoko hake:

- ko e ngaahi koloa faka-pa'anga 'oku 'ikai uesia 'e ha mo'ua he 'aho lipooti: ko e ngaahi mahu'inga lolotonga 'o e ngaahi tonounou 'o e pa'anga kotoa pe (fakatata; ko e kehekehe he vaha'a 'o e pa'anga ngaue'aki 'oku tonu ke ma'u 'e he sino ngaue fakatatau ki he aleapau pea mo e pa'anga ngaue'aki 'oku fakafuofua e Kautaha kene ma'u mai) pea mo e;
- ngaahi koloa faka-pa'anga 'oku uesia 'e he mo'ua he 'aho lipooti: ko e faikehekehe he vaha'a 'o e pa'anga lolotonga kolosi pea mo e mahu'inga lolotonga 'o e 'esitimetri 'o e pa'anga ngaue'aki he kaha'u

'Oku holoki e mahu'inga 'o e ngaahi ECL 'i he tu'unga tupu lolotonga 'oku ngaue'aki ki he koloa fakapa'anga.

Ngaahi koloa faka-pa'anga uesia 'e he mo'ua

'I he 'aho lipooti, 'oku vakai'i ai 'e he Kulupu pe 'oku 'i ai ha mo'ua e ngaahi koloa faka-pa'anga kuo 'osi fakamahu'inga holoki. 'Oku uesia e mo'ua ha koloa 'i he taimi 'oku uesia fakatu'utamaki ai 'e ha me'a 'e taha pe lahi ange 'a e pa'anga ngaue'aki kuo 'esitimetri ki he kaha'u.

3 TU'UTU'UNI NGAUE FAKATAUHI TOHI MAHU'INGA (hokoatu)

(g) Ngaahi maumau (hokoatu)

Ngaahi koloa fakapa'anga 'ikai lava fakamahu'ingai (hokoatu)

Ngaahi koloa fakapa'anga uesia 'e he mo'ua

Ko e fakamo'oni 'oku uesia faka-mo'ua ha koloa faka-pa'anga 'oku kau ai e ngaahi fakamatala 'oku ha mai:

- faingata'a faka-pa'anga lahi 'aupito e tokotaha no pe tokotaha ne ne tuku mai;
- ko hano maumau'i e aleapau hangee ko e ta'etotongi pe fuoloa ange he 'aho 90 mei he 'aho na'e tonu ke totongi ai;
- ko hano toe fokotu'utu'u 'e he Kulupu ha me'a ke ma'u mai 'i ha fokotu'utu'u na'e 'ikai mei fakakaukau pehe e Kulupu ke fai: "oku tu'u ngalingali 'e hu e tokotaha no ke mo'ua pe koha toe fokotu'utu'u faka-pa'anga kehe; pe
- koe pulia ha maketi lolotonga mo'ui ki he malu'i koe 'uhi koha faingata'a'ia faka-pa'anga.

Fakaha e pa'anga tukutafa'aki ki he ngaahi ECL 'i he fakamatala ki he tu'unga faka-pa'anga

Ko e pa'anga tuku tafa'aki ki he ngaahi mole 'ae koloa faka-pa'anga 'oku fakamahu'inga ia he totongi holo 'oku to'o ia mei mahu'inga kolosi lolotonga 'o e ngaahi koloa koia.

Tamate'i

Ko e mahu'inga kolosi lolotonga 'o ha koloa faka-pa'anga 'oku tamate'i ia (pe faka-konga pe kakato) 'o a'u ki he tu'unga 'oku 'ikai pe ke toe 'i ai ha faingamalie ia ke toe totongi. Ko e tukunga 'eni 'i he taimi 'oku fakakaukau ai e Kulupu 'oku 'ikai ke toe 'i ai ha koloa pe ha toe ma'u'anga pa'anga 'a e tokotaha mo'ua ke lava toe fakatupu ai ha pa'anga hu mai ke totongi e mo'ua ko 'eni 'oku tamate'i. Ka neongo ia, ko e ngaahi koloa faka-pa'anga 'oku tamate'i 'e kei malava pe ki ha ngaahi founa fakamalo'i'i e e ngaahi tu'utu'uni 'o fakata'u ki he ngahi founa 'a e Kulupu ke totongi mai e ngaahi mo'ua.

Ngaahi koloa 'ikai faka-pa'anga

Koe ngaahi koloa 'oku 'ikai ngata honau taimi ngaue, 'oku tesi fakata'u ma'u pe ki ha ngaahi maumau. Ki he ngaahi koloa 'ikai faka-pa'anga kehe kotoa pe (tukukehe 'inivenitoli mo e ngaahi koloa 'oku tukuhau toloi), he 'aho lipooti kotoa pe, 'oku vakai'i 'e he Kautaha honau mahu'inga lolotonga ke fakapapau'i pe 'oku 'i ai ha ngaahi faka'ilonga 'e maumau. Kapau 'oku ha 'eni, 'oku 'esitimeti leva 'a e mahu'inga e ala ma'u mei ai. 'I hono sivi ki ha maumau, 'oku fakatahataha'i leva e ngaahi koloa ki he kulupu si'isi'i taha e ngaahi koloa 'e ma'u mei ai ha pa'anga hu mai mei he hokohoko atu hono ngaue'aki e koloa koia 'a ia 'oku tau'ataina 'aupito pe mei ha pa'anga hu mai mei ha koloa kehe pe CGU.

Ko e pa'anga 'e ala tanaki mai mei ha koloa pe CGU ko e pa'anga laka ange hono mahu'inga hono ngaue'aki pea mo hono mahu'inga taau to'o mei ai e fakamole 'i hano fakata'u atu.

Ko e mahu'inga ngaue'aki 'oku tefito ia mei he pa'anga hu mai 'oku 'esitimeti 'e ma'u mei ai he kaha'u, holoki ki honau mahu'inga lolotonga ngaue'aki e tu'unga holoki ki mu'a he tukuhau 'oku ha ai e fakamahu'inga lolotonga he maketi he taimi koia mo ha ngaahi nunu'a mei he koloa 'ata'ataa pe koia pe CGU.

Ko e mole mei he maumau 'oku tohi ia kapau koe mahu'inga lolotonga 'o ha koloa pe CGU 'oku ma'olunga ange ia he mahu'inga 'oka fakata'u atu.

Ko e ngaahi mole mei he maumau 'oku ha ia he tupu pe mole.

(g) Pa'anga 'a e ma'u 'inasi

Ko e ngaahi 'inasi anga maheni 'oku fakafa'ahinga ia koe vahevahe tatau pea 'oku ha hono mahu'inga 'i he fakamatala pa'anga 'ae Kautaha mo e Kulupu. Ko e ngaahi totongi hikihi ki he tupu ia mei hono tuku atu e ngaahi 'inasi anga maheni ko e to'o ia mei he vahevahe tatau, haohaoa mei hano uesia 'e ha fa'ahinga tukuhau.

3 TU'UTU'UNI NGAUE FAKATAUHITOHI MAHU'INGA (hokoatu)

(h) Tukupau Vahenga

Koe ngaahi fakamole kihe tukupau vahenga 'oku kau kiai tukupau lolotonga moe tukupau toloi. 'Oku ui 'a e fakamole ki he tukupau vahenga koe tupu pe mole tukukehe 'oka 'i ai ha'ane felave'i ki ha pisinisi tuifio, pe koe ngaahi koloa ko 'eni 'oku lau hangatonu pe ia he ngaahi koloa pe 'i he OCI.

Koe tukupau lolotonga 'oku kau ai e tukupau ke totongi atu pe ma'u mai 'i he tupu pe mole 'e tukupau'i ki he ta'u pea mo ha fakatonutonu ki he ngaahi tukupau 'e totongi ki he ngaahi ta'u kuo toki 'osi. 'Oku fika'i 'eni 'o ngaue'aki e tu'unga tukupau 'oku ngaue'aki he 'aho 'o e lipooti ko 'enii.

Koe tukupau toloi 'oku fakatokanga'i ia he kehekehe fakataimi he mahu'inga lolotonga 'o e koloa mo e mo'ua ki he lipooti fakapa'anga mo e lahi ki he ngaahi me'a faka-tukupau. 'Oku 'ikai ngaue'aki e tukupau toloi ki he ngaahi me'a ko 'eni: ngaahi kehekehe fakataimi 'i he 'uluaki mahu'inga 'o e ngaahi koloa mo e ngaahi mo'ua 'i ha fefakatau'aki na'e 'ikai koha pisinisi fakataha pea 'oku 'ikai kene uesia e ngaahi me'a fakatauhitohi pe koe tupu pe mole ne tukupau'i, ngaahi kehekehe fakataimi felave'i moe ngaahi 'invesimeni he ngaahi va'a kehe 'o 'alu 'o a'u 'o malava 'e he Kulupu kene pule'i e taimi 'e liliu ai e faikehekehe fakataimi ko 'eni pea 'e 'ikai ala malava ke toe liliu ki he kaha'u vave mai, pea moe kehekehe 'oku ala tukupau'i mei hono 'uluaki fakamahu'inga e ongoongo lelei.

Ko e ngaahi koloa 'oku toloi hono tukupau'i 'oku 'ikai fakatokanga'i ia ki he ngaahi mole he tukupau na'e 'ikai ngaue'aki, ngaahi mo'ua tukupau ne 'ikai ngaue'aki pea moe ngaahi mole fakataimi 'o a'u kiha faingamalie koe ngaahi tupu 'e tukupau'i he kaha'u 'e ala ma'u pea 'e malava ke faka'aonga'i ai. Koe tukupau toloi 'oku vakai'i ma'u pe he taimi lipooti pea 'oku holoki ia 'o a'u ki ha tu'unga he'ikai ha toe faingamalie 'e 'i ai ha monu'ia mei ha tukupau felave'i moia, ngaahi holoki ke fulihi 'o kapau 'e 'i ai ha fakalaka he kaha'u ki he tupu 'oku tukupau'i..

Ko e ngaahi koloa 'oku 'ikai fakatokanga'i ka 'oku toloi hono tukupau'i 'oku toe vakai'i he 'aho lipooti kotoa pe 'o a'u 'o malava koe kehekehe fakataimi he taimi 'e fulihi ai ko e ngaahi tupu 'oku tukupau'i he kaha'u pea 'e lava ke ngaue'aki ia kiai.

'Oku fakamahu'inga e tukupau toloi 'i he tu'unga tukupau 'oku 'amanaki ke ngaue'aki ki ha kehekehe fakataimi 'i he taimi 'oku fulihi ai nautolu, ngaue'aki e tu'unga tukupau kuo 'osi fokotu'u pe koe tu'unga 'oku lolotonga ngaue'aki he taimi lipooti.

'Oku fetongi pe e koloa 'oku tukupau toloi kapu 'oku 'i ai ha totonu fakalao 'e ala fakamalohi'i ke fetongi e tukupau lolotonga ki he ngaahi koloa pe ngaahi mo'ua, pea 'oku nau felave'i moe tukupau vahenga 'oku fokotu'u 'e he ma'u mafai tukupau ki he sino 'oku tukupau'i, pe ko ha sino kehe 'oku tukupau'i, ka 'oku nau taumu'a ke totongi e ngaahi mo'ua tukupau lolotonga mo e ngaahi koloa 'i he tu'unga haohaoa pe 'oku fakataha'i katoa 'i he taimi tatau pe 'ena ngaahi tukupau mo'ua mo e koloa.

(i) Vahenga mo e ngaahi me'a'ofa 'a e Kau Ngaue.

(i) Vahe lau 'aho, vahenga fakata'u mo e malolo fakata'u

Ko e ngaahi laipilili vahe lau 'aho moe vahenga pea kau kiai mo e malolo fakata'u 'oku 'amanaki ke fakakakato ia 'i loto 'i he mahina 'e 12 mei he 'aho 'o e Lipooti ko 'eni pea 'oku 'ilo'i ia 'i he ngaahi totongi kehe ki he fakahoko fatongia 'a e kau ngaue 'o a'u pe ki he 'aho 'o e Lipooti pea 'oku fua'aki pe ia 'a e lahi 'o e pa'anga 'e totongi 'i he kakato e totongi e ngaahi laipilili.

(ii) Vahenga malolo

'Oku totongi atu 'a e ngaahi 'inasi ki he Polokalama Vahenga Malolo ma'ae kau Ngaue ke fakapapau'i 'enau monu'ia ko 'eni. 'Oku kau e ngaahi fakamole ko 'eni ki he tupu mo e mole.

(iii) Palani Ponasi

'Oku totongi e Ponasi 'a e Kautaha mo e Kulupu ki he kau Ngaue 'o makatu'unga he 'enau fakahoko fatongia pea ko e a'usia 'a e nagahi taketi taautaha 'e he tokotaha ngaue 'o fakatatau ki he'ene aleapau ngaue. 'Oku 'i ai pe 'a e paa'nga 'oku vahe'i ki he ngaahi fatongia fakaaleapau pe ko ha taimi ne hoko ai 'a e ngaahi ngaue 'o e kuohili ko ha makatu'unga lelei ki he fakahoko fatongia pea 'e totongi e Ponasi ki ai.

3 TU'UTU'UNI NGAUE FAKATAUHITOHI MAHU'INGA (hokoatu)

(j) Ngaahi teuteu

'Oku 'i ai e pa'anga mavahe 'oku tuku ha taimi 'oku 'i ai fatongia faka-lao 'oku lolotonga hoko pe ko ha fatongia langahake ko e ola 'o ha ngaahi me'a ne hoko he kuohilii, 'oku faingamalie 'e tafe atu ha ngaahi koloa 'oku fiema'u ke totongi 'aki e ngaahi fatongia pea ko hono lahi kuo 'osi fakafuofua falala'anga ia. 'Oku 'ikai ha mateuteu pehe ki ha ngaahi mole he fakahoko fatongia he kaha'u.

(k) Ngaahi 'inasi/tiviteni

'Oku 'i ai 'a e pa'anga mavahe ke totongi e lahi 'o e 'inasi kuo 'osi fakaha, kuo 'osi tu'utu'uni 'e he kau talekita he 'aho pe ki mu'a he 'osi 'a e ta'u faka-pa'anga ka 'oku 'ikai tufa he 'aho 'o e lipooti.

(l) Pa'anga hu mai mei he aleapau mo e kau kasitoma

Ko e pa'anga hu mai 'oku fika'i ia mei he tu'utu'uni 'oku fakamahino 'i ha aleapau mo ha kasitoma ka 'oku 'ikai kau ai e fakama'ama'a mo e lahi e pa'anga 'oku tanaki ma'ae fa'ahinga fika toluu kiai. 'Oku fakatokanga'i 'e he Kautaha mo e Kulupu 'a e pa'anga hu mai 'i he 'ene 'ave 'a hono pule'i 'o ha koloa pe fatongia ki ha kasitoma.

Natula mo hono taimi'i e fakafiemale e fakahoko fatongia mo e ngaahi tu'utu'uni totongi 'oku lahi

Fakatau atu 'o e 'uhila

Ko e pa'anga hu mai mei hono tufaki 'o e 'uhila 'oku ma'u ia 'i hono fakama'opo'opo fakataha 'a e lahi hono ngaue'aki 'o e 'uhila 'e he kau ma'u 'uhila.

'Oku 'i ai 'a e aleapau i he vaha'a 'o e kasitoma mo e Kulupu ki he fakatau mai, tufaki mo hono fakatau atu 'o e 'uhila. 'Oku fakafongia'i heni 'a e tukupa ke foaki ha ngaahi koloa mahu'inga mo lelei 'oku natula tatau honau founa foaki ki he kasitoma. 'Oku pule'i 'e he kasitoma 'e he koloa ('uhila) 'i he taimi 'oku tiliva ai 'i ha va'a taimi pau. 'I he'ene pehee, 'oku 'ilo'i ko e pa'anga hu mai 'i he hili ha ngaahi tami, mei hono tiliva 'a e 'uhila ki he kasitoma.

'Oku fakatefito 'a e nga'unu 'a e ngaue 'i he 'iuniti 'oku fakatau/ngaue'aki. 'Oku fakahaa'i heni 'a e 'ata 'o e falala ki hono tuku atu 'o e koloa ke ma'u mo ngaue'aki 'e he kasitoma 'a e lelei mei he fakahoko ngaue 'a e Kulupu 'i he aleapau ki he pa'anga hu mai.

Ko e totongi 'i he fengaue'aki fakapa'anga ko 'eni 'oku fa'u ia fakatefito 'i ha totongi 'oku tali 'e he Pule'anga Tonga 'i he taimi 'oku fakahoko ai 'a e ngaue mo hono fakatau 'a e 'iuniti 'e he kasitoma. 'Oku kau 'i he totongi koia 'a e totongi kimu'a 'oku 'ikai toe fakafoki 'a ia 'oku 'ikai ke kau ia 'i he me'a 'oku ui ko e totonu fakalukufua.

Ko hono fakakaukau'i 'a e feliliuaki, 'oku kau ai 'a e totongi 'o e fengaue'aki fakapa'anga ki he tu'unga 'oku ha ngali ma'olunga, ki ha liliu lahi 'i he mahu'inga 'o e pa'anga hu mai 'oku fakatokanga'i 'e 'ikai hoko 'i he taimi 'oku solova ai ha ngaahi liliu na'e ta'epau.

3 TU'UTU'UNI NGAUE FAKATAUHITOHI MAHU'INGA (hokoatu)

(m) Pa'anga hu mai mei he ngaahi aleapau mo e kau kasitoma (hoko atu)

Natula mo hono taimi'i e fakafiemalie e fakahoko fatongia mo e ngaahi tu'utu'uni totongi 'oku lahi. (hoko atu)

Fakatau atu 'o e 'uhila (hoko atu)

'Oku 'i ai 'a e ngaahi vakai fetoo'aki 'oku kau ia he totongi fefakatau'aki kae ngata pe 'i he "hangehange lahi" 'e 'ikai hoko ha liliu lahi 'i he lahi e pa'anga hu mai fakakatoa 'i he taimi 'oku solova ai e ta'epau he'ene felave'i moe vakai fetoo'aki.

Fakatau atu kasa

'Oku 'i ai 'a e femahino'aki 'i he va 'o e kasitoma mo e Kulupu ki hono fakatau mai, tufa mo fakatau atu 'a e kasa. 'Oku ho'ata heni 'a e tukupa ki hono tuku atu ha koloa.'oku pule'i 'e he kasitoma 'a e koloa (kasa) 'i he taimi 'oku tiliva pe tufa atu ai. 'I he'ene pehe, 'oku fakatokanga'i 'a e pa'anga hu mai 'i he taimi 'oku tiliva ai 'a e kasa ki he kasitoma

(n) Pa'anga humai toloi

Ko e kelekele, falengaue mo e me'angaue na'e ma'u mai kov ha tokoni 'o ha tokoni makehe 'oku lau ia ki he koloa pea holoki honau mahu'inga fakatatau ki he Nouti 4(b), pea ko e me'a'ofa ko 'eni 'oku tohi ia Vahenga toloi ko e mo'ua pea tukuange atu ia ki he tupu pe mole 'i he taimi 'oku fakafuofua 'e mo'ui faka-'ikonomika ai. .

(o) Ngaahi Lisi

Kuo ngaue'aki 'ehe Kulupu 'a e IFRS 16 'o ngaue'aki 'a e founa fengaue'akii koia ai 'oku 'ikai ke toe fakaha atu e fakamatala fakatatau kae hoko atu pe lipooti he IAS 17 mo e IFRIC 4. Ko e fakaiiki 'o e founa tauhitohi IAS 17 mo e IFRIC 4 'oku 'oatu kehekehe pe naua kapau 'oku na kehe mei he 'u fakamatala he IFRS 16 pea k oe ngaahi kehe mei ai 'oku fakaha atu ia he Nouti 3.

Tu'utu'uni ngaue kamata ngaue'aki 'i he 1 Siulai 2019

'I hano kamata ha aleapau, 'oku vakai'i 'e he Kulupu ha aleapau 'oku, pe 'i loto ai, ha lisi. Ko ha aleapau 'oku, pe 'i loto ai, ha lisi kapau 'oku tuku mai 'e he lisi 'ae totonu ke pule'i hano ngaue'aki ha koloa kuo fakaha 'i he taimi 'oku fakafetongi ai ki hono vakai'i. Ke vakai'i pe 'oku faka'ataa 'e he aleapau 'a e totonu ke ngaue'aki e koloa kuo fakahaa, 'e vakai'i leva 'e he Kulupu pe 'oku:

- kau hono ngaue'aki 'o e koloa kuo fakahaa 'i he aleapau - 'e malava ke fakaiiki ke ha ki tu'a pe 'i loto, pea 'oku totonu ke ha makehe ki tu'a pe ha lahi ki tu'a 'a e lahi 'o e koloa koiaa. Kapau 'oku ma'u 'e he taha 'oku ne 'omai 'ae kolooa ha totonu lahi kene fetongi e kolooa, pea 'oku 'ikai leva ke fakaha e koloa koiaa.

- ma'u 'ehe Kulupu 'a e totonu kene ma'u 'a e konga lahi 'o e ngaahi faingamalie faka'ekonomika kotoa mei hono ngaue'aki e koloa koiaa 'i he taimi kotoa 'oku ngaue'aki e kolooa; pea

- ma'u 'ehe Kulupu 'a e totonu ke ngaue'aki 'a e kolooa. 'Oku ma'u 'ehe Kulupu 'a e totonu ko 'eni 'i he 'ene ma'u e totonu ke faitu'utu'uni 'oku fiema'u ki hono liliu 'a hono anga pe koe ha e me'a 'e fai'aki e kolooa. 'Oku 'i ai e ngaahi keisi hahamolofia kuo 'osi tu'utu'uni pe ki mu'a 'a e founa 'e ngaue'aki e kolooa, pea 'oku ma'u 'e he Kulupu 'a e totonu kene tu'utu'uni hono ngaue'aki e kolooa kapau:

- 'oku ma'u 'e he Kulupu 'a e totonu kene ngaue'aki e kolooa, pe
- kuo fatu 'e he Kulupu 'a e koloa 'i ha founa kuo ne 'osi tu'utu'uni mai 'a e founa ngaue'aki e kolooa.

'Oku ngaue'aki e founa ko 'eni ki he ngaahi aleapau kuo 'osi fakamo'oni, pe liliu 'i he 'osi pe 'a e 'aho 1 Siulai 2021.

'I he kamata pe ko hano vakai'i ha aleapau 'oku kau ai ha lisi, 'oku tuku atu 'e he Kulupu hano vakai'i 'a e aleapau ki he lisi kotoa pe 'o fakatefito mei he mahu'inga takitaha 'o e totongi 'o e lisi koia. Ka neongo ia, ki he ngaahi lisi kelekele mo e ngaahi fale 'oku totongi lisi ai e Kulupu, kuo fili e Kulupu ke 'oua 'e fakafaikehekehe'i e ngaahi kupu lisi mo e totongi kae fakataha'i pe koe lisi pe 'e taha.

3 TU'UTU'UNI NGAUE FAKATAUHITOHU MAHU'INGA (hokoatu)

(o) Ngaahi Lisi (hokoatu)

Tu'utu'uni ngaue kimu'a 'i he 1 Siulai 2019

Ko e ngaahi aleapau na'e fakahu mai kimu'a 'i he 1 Siulai 2019, 'oku tu'utu'uni e Kulupu pe koe fokotu'utu'u ko 'eni pe 'oku 'i ai e lisi 'oku fakatefito 'i hono vakai'i pe:

- ko e fakakakato 'o e fokotu'utu'u na'e fakatefito 'i hano ngaue'aki ha koloa pau pe ngaahi koloa; pe
- ko e fokotu'utu'u ne 'omai e totonu ke ngaue'aki e koloa. 'Oku tuku mai 'e he fokotu'utu'uu 'ae totonu ke ngaue'aki e koloa kapau na'e fakakakato e taha 'o e ngaahi me'a ni:
- na'e malava 'e he tokotaha fakatauu pe koe totonu kene ngaue'aki e koloa pea ne ma'u pe lolotonga pule'i e konga si'isi'i 'o e ngaahi monuu'ia mei he koloa;
- na'e malava 'e he tokotaha fakatau pe koe totonu kene pule'i mo ala tonu ki he koloa pea ne ma'u pe lolotonga pule'i e konga si'isi'i 'o e ngaahi monu'ia, pe
- na'e ha mai mei he ngaahi tefito'i mo'oni mo e tu'unga 'e si'isi'i e ma'u 'e he ngaahi fa'ahi kehee 'o laka hake 'i ha konga si'isi'i 'o e olaa, pea koe totongi tahataha na'e 'ikai tukupau ki he koloa takitaha pe tatau mo e totongi lolotonga he maketii.

i. Tokotaha 'oku ne lisi ha kelekele

'I he tu'utu'uni IFRS 16 –mei he 1 Siulai 2019

'Oku fakatokanga'i 'e he Kulupu ha koloa 'oku totonu ke ne ngaue'aki mo ha mo'ua lisi 'i he kamata 'o ha lisi. Koe koloa 'oku ma'u 'e totonu ke ngaue'aki 'oku 'uluaki fakamahu'inga'i mei hono totongi, kau kiai 'o e 'uluaki mo'ua lisii kuo 'osi fakatonutonu ki ha lisi kuo 'osi totongi ne fai ki mu'a, pe 'aho ne kamata ai e lisi kau atu kiai mo ha ngaahi totongi faka-hangatonu mo hano fakafuofua e totongi ke veteki pe to'o e koloa ko 'eni pe ke fakalelei'i e koloa ko enii pe koe feitu'u 'oku tu'u ai e koloa ko enii, to'o mei ai ha ngaahi faka'ai'ai lisi kuo 'osi ma'u mai.

'Oku 'alu pe pea holoki e mahu'inga 'o e koloa 'oku ma'u e totonu ke ngaue'akii 'o ngaue'aki e founa hangatonu mei he 'aho ne kamata ai ki he 'aho 'e 'uluaki vave mai pe koe 'aho 'oku kei 'aonga ai e koloa ni pe koe 'aho ngata mei ai e lisii. Ko hono fakafuofua e loloa e 'aonga 'o e koloa ko enii 'oku tefito tatau ia mo e ngaahi kelekele mo e ngaahi me'a ngauee. 'Oku toe kau atu ki he ngaahi koloa totonu ke ngaue'akii 'a hono toutou holoki hono mahu'inga 'i ha ngaahi maumau 'e hoko, 'o kapau 'e hoko pea toe fakatonutonu ki hano toe vakai'i e mo'ua lisii.

Ko e mo'ua lisii 'oku 'uluaki fua ia mei he mahu'inga e totongi lisi lolotonga na'e 'ikai totongi he kamata e lisii, holoki 'aki e tu'unga tupu 'oku ha he lisii pe, kapau 'oku 'ikai malava ke fakapapau'i e tupuu, koe lahi katoa e noo 'ae Kulupuu. Fakalukufua, 'oku ngaue'aki 'e he Kulupuu 'a e tu'unga fakakatoa 'enau noo koe tu'unga holokii ia.

Ko e ngaahi totongi lisi 'oku kau ki hono fakamahu'inga e mo'ua lisii, 'oku kau katoa 'eni kiai:

- totongi tukupau, kau ai e ngaahi tukupau lahi;
- totongi lisi fetoo'aki 'oku fakatatau kihe ngaahi totongi tukupau fakalukufua (index) pe lahi na'e 'uluaki ngaue'aki e totongi tukupau fakalukufua (index) pe lahi mei he 'aho ne kamata aii; pea
- koe totongi ngaue'aki ki ha fakatau 'oku fakapapau'i 'e he Kulupu ke fakahoko, ngaahi totongi lisi ki hano fetongi fakafo'ou 'i ha taimi 'oku fakapapau'i 'e he Kulupuu ke fakahoko ko ha fili ke fakaloloa, pea mo ha ngaahi tautea ki hano fakangata e lisii tukukehe kapau 'oku fakapapau'i 'e he Kulupu he'ikai ke ne fakangata vave 'eni.

Ko e mo'ua lisi 'oku fakamahu'inga ia mei he totongi lisi 'i he taimi loloa 'o ngaue'aki 'a e totongi tupu lolotonga. 'Oku toe fakamahu'inga 'i he taimi 'oku 'i ai ha liliu ki he totongi lisi ki he kaha'uu ko e tupu mei ha liliu kihe totongi fakalukufua tukupau (index) pe koe tupuu, pe 'oku 'i ai ha liliu 'i he fakafuofua 'a e Kulupuu ke totongi he mahu'inga 'oku fakapapau'i, pe kuo liliu 'e he Kulupuu 'ene fakafuofua pe fai ha fakatau, fakaloloa pe fakangata e lisii.

3 TU'UTU'UNI NGAUE FAKATAUHITOHI MAHU'INGA (hokoatu)

(o) Ngaahi Lisi (hokoatu)

i. Tokotaha 'oku ne lisi ha kekelele (hokoatu)

'I he tu'utu'uni IFRS 16 –mei he 1 Siulai 2019 (hokoatu)

'I he taimi 'oku toe fakamahu'inga ai e mo'ua lisii, 'oku 'i ai mo e fakatonutonu 'e taha 'oku fakahoko ki he mahu'inga lolotonga e koloa totonu ke ngaue'akii pe 'oku fokotu'u ki he tupu pe mole kapau koe mahu'inga lolotongaa kuo holoki ki he noa.

'Oku tuku mai 'e he Kulupu 'a e ngaahi koloa totonu ki hono ngaue'aki fakataha mo e ngaahi mo'ua lisi 'i ha fakamatala kehe ki he tu'unga fakapa'anga.

'I he IAS 17 ki mu'a he 'aho 1 Siulai 2019

Ko hono fakapapau'i pe koe fokotu'utu'u ki ha (pe 'i loto ai) lisi 'oku fakatefito ia mei he kakano 'o e fokotu'utu'u he kamata 'oe lisii. Koe fokotu'utu'u 'oku, pe kau ai, hono fakakakato e fokotu'utu'u koiaa 'e fakatefito ia mei hano ngaue'aki ha koloa pau pe ngaahi koloa pea 'oku tuku mai 'e he fokotu'utu'u koiaa 'a e totonu ke ngaue'aki e koloa koiaa pe ngaahi koloa, 'o tataui ai pe pe 'oku ha mahino 'eni he fokotu'utu'u.

Ko e kautaha 'oku totongi lisi

Ko ha lisi 'oku fakakalasi ia he 'aho 'oku kamata aii koe lisi fakapa'anga pe koe lisi 'oku lolotonga lele. Ko ha lisi 'oku hiki kotoa e ngaahi fakatamaki pe ngaahi monu'ia ki hono ma'u e lisii ki he Kautahaa 'oku ui ia ko e lisi fakapa'anga.

'Oku fakapa'anga 'a e ngaahi lisi fakapa'anga mei he 'aho 'oku kamata ai 'i he tu'unga taau 'o e kekelele 'oku lisi pe, kapau 'oku ma'ulalo ange, 'i he mahu'inga lolotonga 'o e totongi lisi ma'ulalo tahaa. 'Oku vahevahe e totongi lisii ki he ngaahi totongi mo hano holoki e mo'ua lisii ke ma'u ai e hokohoko lelei e totongi tupuu 'i he toenga palanisi e mo'uaa. Ko e ngaahi totongi pa'anga ko 'enii 'oku ha ia he fakamatala tupu mo e molee.

Ko ha koloa 'oku lisi 'oku holoki hono mahu'inga lolotonga hono ngaue'aki e koloaa. Ka neongo 'eni, kapau 'oku 'ikai fakapapau'i lelei 'e ma'u 'e he Kautahaa e koloaa he 'osi e taimi lisii, 'oku holoki e mahu'inga 'o e koloaa 'i he taimi e nounou ange 'a e fakafuofua e loloa hono ngaue'aki e koloaa mo e loloa e lisii.

Ko ha lisi lolotonga ngaue'aki 'oku kehe ia mei he lisi fakapa'angaa. Ko e totongi lisi lolotonga ngaue'akii 'oku ui ia koe fakamole lolotonga 'i he fakamatala tupu mo e mole 'i he laine hangatonu he loloa 'o e lisii.

ii. Lisi atu e kekelele

'Oku kau e Kulupu ki he ngaahi aleapau lisi ko e tokotaha totongi lisi ki ha kekelele 'o ha kupu fekau'aki.

Ko e ngaahi lisi kotoa 'oku totongi lisi ai e Kulupuu 'oku fakakalasi ko e lisi fakapa'anga pe lisi lolotonga ngaue'aki. 'I ha taimi pe 'oku hiki kotoa mai e ngaahi fakatamaki pe monu'ia 'e ma'u mei he lisi ki he taha totongi lisi, 'oku ui ia koe lisi fakapa'anga. Koe ngaahi lisi kehe kotoa 'oku ui ia koe lisi ngaue.

Ko e ngaahi pa'anga hu mai kotoa mei he koloa lisii 'oku gaue'aki kiai e tefito laine hangatonu 'i he loloa e lisi 'oku ngaue'akii. Ko e ngaahi totongi kotoa he kamata 'o e lisii kau ai alea moe fokotu'utu'u e lisi lolotongaa 'oku tanaki kotoa ia kihe mahu'inga e koloa 'oku lisii pea fakatokanga'i ia 'i he laine hangatonu ki he loloa 'o e lisii.

Ko e pa'anga kotoa 'e ma'u mei he kau totongi lisii 'oku ui ia koe pa'anga hu mai 'i he lahi e ngaahi 'inivesimeni 'ae Kulupuu he ngaahi lisii. Ko e pa'anga hu mai mei he lisi pa'anga 'oku tukuange kiai e taimi fakatauhitoi ke ha mai ai e taimi hokohoko ne fakatatali ai ha pa'anga hu mai mei he ngaahi inivesimeni 'a e Kulupuu he ngaahi lisii.

'I ha taimi 'oku kau atu he aleapau ha koloa lisi pe ta'e lisi, 'oku ngaue'aki 'ehe Kulupuu e IFRS 15 ke tukuatu ke vakai'i fakatatau ki he aleapau takitaha.

3 TU'UTU'UNI NGAUE FAKATAUHITOHI MAHU'INGA (hokoatu)

(p) Fakahoa ngaahi fika

'Oku liliu 'a e ngaahi fika kuo lava 'o fakahoa mo fakatatau ke tatau mo e ngaahi liliu 'i he fakamatala ki he ta'u lolotonga, kehe ia mei he ngaahi liliu tupu mei hono ngaue'aki 'a e IFRS 16 'o hange koia 'oku ha 'i he nouti 3.

4 MAHU'INGA TAAU

Ko e "Mahu'inga Taau" ko e mahu'inga ia ne ma'u ke fakatau atu 'aki ha 'eseti pe totongi ki hono tuku atu ha laiapiliti 'i he founga maau 'o e fefakatau'aki 'i he vaha'a mo e kau maketi 'i he 'aho kuo kotofa ke fakahoko ai, pea ko e maketi lelei taha 'eni 'oku fefakatau'aki mo e Kulupu 'o e 'aho koia.

Kapau 'oku ma'u ha me'a ngaue pea fika'i 'e he kulupu 'a e mahui'inga ne felotoi ki ai ki he me'a ngaue ko 'eni ki ha maketi 'oku longomo'ui. Ko e maketi longomo'ui kapau ko e alea fefakatau'aki ki he 'eseti pe laiapiliti 'oku toutou fakahoko pea lahi fe'unga ke ma'u ai ha fakamatala lelei ki he totongi 'o makatu'unga mei ai 'a e hoko atu.

Ka 'okapau 'e 'ikai ma'u ha totongi mahino mei he maketi longomo'ui pea 'e lava leva 'e he kulupu 'o ngaue'aki 'a e founga fakamahu'inga te ne ngaue'aki lahi 'aki ai 'a e ngaahi hu mai fekau'aki moia 'oku lava vakai'i ka e fakasi'isi'i 'a hono ngaue'aki 'o e ngaahi me'a 'oku 'ikai lava ke mamata'i pe vakai'i 'enau ngaahi me'a kuo fakahu mai. Ko e founga kuo fili ke ngaue'aki 'oku ne 'omai 'a e ngaahi fekitoa kotoa pe 'oku ngaue'aki 'e he ngaahi maketi 'i hono fakamahu'inga 'o ha koloa fefakatau'aki.

'Oku ngaue'aki 'e he kautaha 'a e founga fakamahu'inga 'oku fe'unga malie 'i he me'a 'oku hoko pea 'oku lahi fe'unga 'a e ngaahi fika ke fai'aki hono vakai'i e mahu'inga 'e fai ai ha felotoi, fakalahi 'a e ngaue'aki 'a e ngahai me'a 'oku ala siofi kae fakasi'isi'i hono ngaue'aki 'o ha ngaahi fika oku ala sio ki ai pea fakalahi hono ngaue'aki 'o ha ngaahi fika 'oku 'ikai lava ke vakai ki ai.

Ko e fakamatala faka'uhinga 'eni 'o e ngaahi levolo kehekehe:

- Levolo 1 Ko e me'afua ki he mahu'inga pe totongi felotoi 'a e ngaahi naunau ko ia 'oku makatu'unga hono mahu'inga 'i he ngaahi totongi kuo 'osi fakaha mai ('ikai ke toe liliu) mei he maketi 'o tatau pe ki he 'eseti mo e laiapiliti.
- Levolo 2 Ko e me'afua ki he mahu'inga pe totongi felotoi 'a e ngaahi naunau 'oku fakamahu'inga'i 'o makatu'unga he koloa koia 'o 'ikai ko e totongi kuo 'osi fakaha mai 'o hange koia 'i he levolo 1 ke lava 'o siofi ki he 'eseti moe laiapiliti, 'o fakahangatonu ('i he totongi) pe ko ha founga kehe (ma'u pe mei he totongi).
- Levolo 3 Ko e me'afua ki he mahu'inga pe totongi felotoi ki he naunau 'oku makatu'unga 'i he ngaahi koloa 'oku tanaki mai ki he 'eseti moe laiapiliti pea 'ikai ke tefito 'i ha ngaahi fika 'oku 'asi mai ka 'oku fakapulipuli.

5 NGAHI FAINGATA'A PULE'I FAKAPA'ANGA

'Oku hanga 'e he ngaahi ngaue 'a e Kautaha mo e Kulupu 'o fakahaahaa atu kinaua ki he kalasi kehekehe 'o e ngaahi fakatamaki/uesia fakapa'anga: fakatamaki fakamaketi (kau ai e fetongi pa'anga mo e totongi tupu), fakatamaki fakamo'ua mo e fakatamaki fakapa'anga ngaue. 'Oku taketi 'a e polokalama fakalukufua 'a e Kulupu ke ne pule'i 'a e ngaahi fakatamaki fakapa'anga 'i he tu'u ta'epau e faka'uto'uta ki he kaha'u 'a e ngaahi maketi fakapa'anga pea feinga ke fakasi'isi'i ha ngaahi fakafe'atungia 'i he ngaahi ngaue fakapa'anga.

Ko hono pule'i 'a e fakatamaki fakapa'anga 'oku fakahoko ia 'e he kau pule 'oku nau 'ilo mo sivilisi'i 'a e ngaahi fakatamaki ni. 'Oku tuku atu leva 'e he Poate 'a e tu'utu'uni/halafononga ki he ngaahi tafa'aki pau pe 'i he ngaahi fakatamaki fakakatoa hange ko hono alea'i e fetongi pa'anga, totongi tupu, mo e ngaahi fakatamaki fakamo'ua mo hono 'inivesi ha 'ova he pa'anga ngaue.

(a) Fakatamaki/Uesia Maketi

Ko e uesia 'a e maketi ko e uesia 'oku ne liliu 'a e totongi he maketi, hange ko e totongi fakafetongi pa'anga muli mo e totongi tupu te ne uesia 'a e pa'anga hu mai 'a e Kulupu pe koe mahu'inga 'o e koloa fakapa'anga 'oku ma'u 'e he Kulupu. Ko e taumu'a hono pule'i e ngaahi uesia/fakatamaki he maketi ko hono pule'i mo tokanga'i hono fakahaahaa ki tu'a 'i he ngaahi feitu'u 'oku tali 'e he Kulupu kae kei lahi pe pa'anga hu mai.

Ko e fakatamaki 'o e mahu'inga 'o e totongi tupu 'oku tupu ia mei ha faingamalie ki ha liliu 'a e totongi tupu 'o fetookaki 'a e mahu'inga 'oku fea ki he koloa fakapa'anga 'oku tauhii. Koe taumu'a hono pule'i ha fakatamaki he totongi tupu ke ma'u ha totongi tupu 'oku tu'uma'u mo mapule'i ke ma'u ha totongi tupu haohaoa 'i he lele loloa. 'I hono pule'i e fakatamaki ko 'eni, 'oku feinga e Kulupu ke ma'u 'oku potupotu tatau 'i hono fakasi'isi'i 'o e fakatamaki ki he pa'anga hu mai mo e mahu'inga he maketi mei ha fakafe'atungia ki he fetoo'aki 'a e totongi tupu, pea fakafaingamalie'i e pa'anga hu mai mei he tupu 'oka tonu e fakafuofua e halafononga mo e lahi e feliuliaki 'ae totongi tupu.

(i) Fetongi pa'anga muli

'Oku tupu e fakatamaki mei he Fetongi Pa'anga mei he koloa 'oku fakatokanga'i mo e ngaahi mo'ua 'oku liliu fakapa'anga ki he pa'anga 'oku 'ikai ngaue'aki 'e he Kulupu. 'Oku fakahaahaa atu e Kulupu ki he ngaahi fakatamaki fetongi pa'anga tautefito pe ki he tola Nu'u Sila (NZD) mo e tola Amelika (USD). Ko e founa ke faka'ehi'ehi mei he fakatamaki ko 'eni ko hono totongi vave 'a e ngaahi mo'ua (mo e koloa kapau 'oku fiema'u) 'e he kau pule ke fakasi'isi'i hono fakahaahaa ki he ngaahi mole he fetongi pa'anga. Tanaki atu kiai, 'oku fakahoko 'e he Kulupu hono alea'i 'a e ngaahi totongi 'oku lelelange mo e ngaahi pangikee ke fakasi'isi'i e mole kae fakalahi 'a e tupu 'i he taimi 'oku totongi ai mo e ma'u 'o e ngaahi talitotongi.

Ke fakapapau 'a e tokanga makehe 'a e Kulupu ki he fakatamaki fetongi pa'anga, 'oku ngaue'aki 'a e founa 'i he fetongi pa'anga 'o fika'i ia makatu'unga he fetoo'aki ma'olunga taha he 'osi 'a e mahina mei he 'avalisi 'o e fetongi pa'anga he ta'u.

'I he 'aho 30 Sune 2022, ko hono hiki hake/holoki 'aki e 1% 'o e Pa'anga fehanganhangai mo e NZD mo e USD mo e ngaahi me'a kehe 'o hokohoko pea 'oku 'i ai leva e 'amanaki 'e si'i 'ene uesia 'o e tupu haohaoa mo e palanisi 'o e pa'anga ngaue 'oku ha ia he Fakamatala Pa'anga 'a e Kautaha mo e Kulupu. Ko e ongo palanisi 'o e koloa mo e mo'ua si'isi'i 'oku tauhi ia he ngaahi pa'anga muli, 'o si'isi'i ai ha hoha'a ki he fetoo'aki 'a e NZD mo e USD.

(ii) Tu'unga fakapolitikale

'Oku fakalele 'a e Kulupu 'i Tonga pea ko e ngaahi liliu ki he pule'anga mo e ngaahi tu'utu'uni ngaue 'oku nau fokotu'u 'o uesia ai 'a e tu'unga faka'ekonomika mo e pa'anga hu mai 'a e Kulupu. Ke solova 'a e tukunga ko 'eni 'oku vakai'i 'e he Kulupu 'a e ngaahi totongi mo e ngaue 'oku fakahoko, fakatatau ki he tukunga ko ia.

5 NGAHI FAINGATA'AIA PULE'I FAKAPA'ANGA (hokoatu)

(a) Fakatamaki/uesia maketi (hokoatu)

(iii) Uesia tupu ma'u'anga pa'anga

Koe si'isi'i fau 'a e koloa fakatupu pa'anga 'a e Kulupu fakatatau ki he'ene ngaue 'oku fakahoko, 'oku tu'u tau'ataina ia ki he ngaahi liliu 'i he totongi tupu he maketi he 'oku 'osi fokotu'u pe 'a e totongi tu'upau ki he totongi koia.

Ko e ngaahi no 'ae Kulupu 'oku 'i ai 'ae totongi tupu 'oku fakahoko ia ko e no taimi loloa. Ko e ngaahi no totongi tupu 'oku ngaue'aki e ngaahi tupu tukupau.

Koe'uhi koe natula 'oe totongi tupu ha 'i 'olunga, 'oku ma'olunga e fakapapau'i 'e he Kulupu ha uesia 'o e pa'anga ngaue mei ha tupu mei he pa'anga hu mai moe fakamole.

(b) Uesia 'a e kuletiti

Koe fakatamaki ki he fakamo'ua ko e fakatamaki mole fakapa'anga ia ki he Kulupu kapau 'e 'i ai ha kasitoma pe taha he kanitaa 'oku kau ha alea pisinisi 'oku 'ikai fakakakato hono ngaahi fatongia ki he aleapau pea 'oku hoko pe 'eni lahi taha mei he ngaahi me'a 'oku ma'u 'e he Kulupu mei he kau kasitoma.

Ko e lahi 'o e koloa fakapa'anga 'oku ne fakafongana'i 'a e fakahaa 'o e mo'ua ma'olunga taha.

'Oku 'ikai ha fakakaukau pe taumu'a 'a e Kulupu ki ha kuletiti uesia. 'Oku 'ikai ha tu'utu'uni ngaue 'a e Kulupu ke ne fakangatanga 'a e lahi e mo'ua 'oku fakahaahaa ki ha kasitoma pe kulupu 'o e kau kasitoma.

Pa'anga mo hono tatau

'Oku tauhi 'e he Kautaha 'a e pa'anga mo e hono tatau fe'unga moe pa'anga \$(4,965) 'i he 30 Sune 2022 (2021: \$2,368,166). Koe lahi taha 'o e pa'anga mo hono tatau 'oku tauhi ia he ngaahi pangike, 'i he tu'unga Aa3, 'o fakatefito he fakamahu'inga Moody. Koe ngaahi uesia he pa'anga ne 'osi fua ia 'i he ngaahi mole tefito ne ala hoko he mahina 12 'o ha ai e nounou ki he ngaahi a'ua'u. 'Oku fakakaukau'i ai e Kautaha moe Kulupu 'oku si'isi'i e ngaahi fakatamaki fakamo'ua k ihe 'ene pa'anga mo hono ngaahi tatau 'i he tu'unga mo'ua ki tu'a 'a e ngaahi sino fengaue'aki. Koe 'uhi koe nounou e a'ua'u mo e si'isi'i e uesia 'e ala hoko ki he mo'ua ne 'ikai fakatokanga'i ai 'e he Kautaha mo e Kulupu ha uesia te ne fakafepaki'i 'a e pa'anga 'i he 30 Sune 2022. (2021: \$NIL)

Ngaahi 'inivesimeni malu'i

'Oku 'i ai 'a e ponite 'a e Kautaha ko e \$346,055 'i he 30 Sune 2022 (2021: \$339,936). Ko e Kulupu 'oku 'i ai mo 'ene ponite ko e \$777,709 'i he 30 Sune 2022 (2021: \$764,243). 'I he 'aho 30 Sune 2022 ko e ngaahi ponite ko 'eni 'oku tauhi 'i he pangike mo e pule'anga Tonga 'i he mahu'inga ko e AA3, fakatefito 'i he tu'unga 'o e Moody. 'Oku fua 'a e ngaahi ponite ko 'eni 'o fakatefito 'i he fakafuofua ki he mole 'i he mahina 'e 12. Na'e 'ikai ke fakatokanga'i 'e he Kautaha mo e Kulupu 'a e holo tupu mei he faka'ata ki he ngaahi mole fakahoa ki he ngaahi ponite 'i he 'aho 30 Sune 2022 (2021:\$NIL).

Vakai'i Kuletiti Mole ki he mo'ua mai

'Oku ngaue'aki 'e he Kulupu 'a e founa faka'ata ke fua'aki 'a e ECL 'i he ngaahi mo'ua mai mei he kau kasitoma taautaha, 'a ia 'oku tanaki eni mei ha tokolahi 'o e ngaahi palanisi iiki.

'Oku ngaue'aki leva 'a e 'roll rate' ki hono fika'i 'o e mahu'inga 'oku mole fakatefito 'i ha mo'ua 'oku mei a'u ki ha tu'unga ke tamate' (write-off).

5 NGAHI FAINGATA'AIA PULE'I FAKAPA'ANGA (hokoatu)

(b) Kuletiti Uesia (hokoatu)

'Oku ha 'i he ngaahi tepile 'i lalo 'a e ngaahi fakamatala felave'i mo e fakahahaa 'o e kuletiti uesia mo e fakafuofua e kuletiti mole (ECL) 'i he mo'ua fefakatau'aki mo e kasitoma taautaha:

Kulupu	Fua 'avalisi Totongi mole	Tu'unga totongi lolotonga	Faka'ata ki he mole	Kuletiti uesia
30 Sune 2022		\$	\$	
'aho 1 to 30	11.97%	2,029,915	63,571	'lo
'aho 31 to 60	2.41%	1,196,767	12,772	'lo
'aho 61 to 90	9.91%	806,982	52,605	'lo
'aho 91 to 120	39.47%	528,884	209,607	'lo
Laka hake he 'aho 120	32.57%	<u>162,458</u>	<u>172,922</u>	'lo
		4,725,005	511,477	
Sivi fakatefito	3.67%		<u>19,510</u>	
		<u>4,725,005</u>	<u>530,987</u>	
30 Sune 2021				
'aho 1 to 30	1.93%	1,688,952	63,571	No
'aho 31 to 60	8.30%	476,506	12,772	'lo
'aho 61 to 90	38.01%	249,058	52,605	'lo
'aho 91 to 120	85.50%	335,670	209,607	'lo
Laka hake he 'aho 120	100.00%	<u>304,861</u>	<u>172,922</u>	'lo
		3,055,047	511,477	
Sivi fakatefito		<u>(556,034)</u>	<u>19,510</u>	
		<u>2,499,013</u>	<u>530,987</u>	
Kautaha				
30 June 2022				
'aho 1 to 30	4.07%	1,940,027	19,816	'lo
'aho 31 to 60	2.62%	1,196,767	12,772	'lo
'aho 61 to 90	10.80%	806,982	52,605	'lo
'aho 91 to 120	43.02%	528,884	209,607	'lo
Laka hake he 'aho 120	35.49%	<u>162,458</u>	<u>172,922</u>	'lo
		4,635,117	467,722	
Sivi fakatefito	4.00%		<u>19,510</u>	
		<u>4,635,117</u>	<u>487,232</u>	
30 Sune 2021				
'aho 1 to 30	1.93%	1,610,677	19,816	'lo
'aho 31 to 60	8.30%	476,506	12,772	'lo
'aho 61 to 90	38.01%	249,058	52,605	'lo
'aho 91 to 120	85.50%	335,670	209,607	'lo
Laka hake he 'aho 120	100.00%	<u>304,861</u>	<u>172,922</u>	'lo
		2,976,772	467,722	
Sivi fakatefito		<u>(556,034)</u>	<u>19,510</u>	
		<u>2,420,738</u>	<u>487,232</u>	

'Oku fakatefito 'a e tu'unga 'o e totongi mole 'i he kuletiti mole 'oku a'usia 'i he ta'u 'e 2 kuohili. 'Oku liunga'aki 'a e ngaahi totongi koia 'a e ngaahi fekitoa ke ne hulu'i 'a e faikehekehe 'i he tu'unga faka'ekonomika lolotonga e vaha'a taimi na'e tanaki ai 'a e ngaahi fika pe fakamatala, mo e tu'unga lolotonga pehe kihe fakakaukau 'a e Kulupu ki he tuunga 'o e 'ekonomika 'i he taimi 'oku fakafuofua 'e ta fakafoki ai 'a e ngaahi mo'ua. 'Oku fakatefito 'a e ngaahi fekitoa sikeila 'i he tu'unga totongi pe koe fakafuofua 'o e GDP, pe ko e tu'unga 'i he hikihihi 'o e totongi koloa.

5 NGAHI FAINGATA'AIA PULE'I FAKAPA'ANGA (hokoatu)

(c) Faingata'a hono liliu vave e koloa ki he pa'anga

Koe fakatamaki hono liliu vave e koloa kihe pa'anga koe fakatamaki ia 'e fehanga'angai moe Kulupu 'i he fakakakato hono ngaahi fatongia fekau'aki mo hono ngaahi mo'ua 'oku totongi 'aki hono 'ave pa'anga moe ngaahi koloa pa'anga kehe. Koe fakatamaki hono liliu vave e koloa ki he pa'anga ki he kaha'u 'oku 'uhinga ia ke tauhi e pa'anga fe'unga moha faingamalie hano fakapa'anga 'oku 'osi maau mei ha ma'u'anga pa'anga kuo 'osi alea'i. Koe founda 'a e Kulupu ke pule'i e liliu e koloa ki ha pa'anga vave ke fakapapau'i, ki he faingamalie lahi taha, 'e 'i ai 'a e tu'unga fakafiemalie pea 'e ma'u mei ha ngaahi ma'u'anga pa'anga, 'i ha tu'unga anga maheni 'ikai hoha'asi, 'e 'ikai hoko ai ha mole pe maumau e ongoongo lelei 'oe Kulupu.

'Oku ha atu heni 'a e toenga 'o e ngaahi laipiliti fakapa'anga kuo tauhi 'o a'ua'u 'i he 'aho na'e lipooti ai.

'Oku ha atu ia 'i he mahu'inga lolotonga pea 'ikai tisikauni, kae tanaki kiai 'a e fakafuofua kihe totongi tupu.

	Si'i hifo he ta'u 1	Vaha'a ta'u 1 mo e 2	Vaha'a ta'u 2 mo e 5	Lahiange ta'u 5	Hu kitu'a mei he aleapau	Lahi mahu'inga
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Laiapiliti fakapa'anga 'i he kamata'anga						
Fakataha'i						
'I he 30 Sune 2022						
Ngaahi no	4,683,304	4,683,304	14,049,912	1,354,030	24,770,550	24,770,550
Fefakatau'aki & pa'anga hu mai kehe	<u>10,406,827</u>				<u>10,406,827</u>	<u>10,406,827</u>
	<u>15,090,131</u>	<u>4,683,304</u>	<u>14,049,912</u>	<u>1,354,030</u>	<u>35,177,377</u>	<u>35,177,377</u>
'I he 30 Sune 2021						
Ngaahi no	4,437,207	4,437,207	13,311,621	4,809,109	26,995,144	26,995,144
Fefakatau'aki & pa'anga hu mai kehe	<u>8,724,584</u>	-	-	-	<u>8,724,584</u>	<u>8,724,584</u>
	<u>13,161,791</u>	<u>4,437,207</u>	<u>13,311,621</u>	<u>4,809,109</u>	<u>35,719,728</u>	<u>35,719,728</u>
Kautaha						
'I he 30 Sune 2022						
Ngaahi no	4,128,090	4,128,090	12,384,270	2,702,630	23,343,080	23,343,080
Fefakatau'aki & pa'anga hu mai kehe	<u>12,172,484</u>				<u>12,172,484</u>	<u>12,172,484</u>
	<u>16,300,574</u>	<u>4,128,090</u>	<u>12,384,270</u>	<u>2,702,630</u>	<u>35,515,564</u>	<u>35,515,564</u>
'I he 30 Sune 2021						
Ngaahi no	4,128,090	4,128,090	12,384,270	4,951,429	25,591,879	25,591,879
Fefakatau'aki & pa'anga hu mai kehe	<u>10,565,100</u>	-	-	-	<u>10,565,100</u>	<u>10,565,100</u>
	<u>14,693,190</u>	<u>4,128,090</u>	<u>12,384,270</u>	<u>4,951,429</u>	<u>36,156,979</u>	<u>36,156,979</u>

5 NGA'HI FAINGATA'AIA PULE'I FAKAPA'ANGA (hokoatu)

(d) Nga'hi faingata'a hono pule'i pa'anga ngaue'aki

Koe nga'hi taumu'a 'ae Kulupu 'i hono ma'u mai mo tokanga'i e pa'anga ngauee ke malu'i ke malava he Kulupu 'o hoko atu koe ngaue hokohoko atu pea ke 'oange ki he kau ma'u 'inasi 'a e tupu 'oku hokohoko mo taau. 'Oku muimui'i 'e he Kulupu 'a e pa'anga ngaue. Koe vahevahe 'oku fika'i ia koe mo'ua haohaoa vahevahe 'aki 'a e pa'anga ngaue katoa. Ko e mo'ua fakakatoa 'oku fika'i ia koe no haohaoa (kau ai 'a e no lolotonga mo no taimi kehe 'oku ha 'ihe tu'unga fakapa'anga he fakamatala pa'anga) kole mei ai pa'anga mo e mo hono tatau. Koe pa'anga ngaue haohaoa 'oku fika'i ia koe 'inasi, hange ko 'ene ha he fakamatala e tu'unga fakapa'anga, tanaki mo e mo'ua haohaoa. Koe **gearing ratio** 'a e Kautaha pea moe Kulupu 'i he 30 Sune 2022 mo e 2021 'oku hoko hake:

	Fakataha'i		Kautaha	
	2022	2021	2022	2021
	\$	\$	\$	\$
Fakakatoa 'o e no (Nouti 20)	24,770,550	26,995,144	23,343,080	25,591,879
kole: pa'anga (Nouti 12)	(4,814)	2,368,166	(654,026)	1,269,963
Mo'ua fakakatoa	24,765,736	29,363,310	22,689,054	26,861,842
'Inasi fakakatoa	61,775,195	61,328,582	60,771,806	59,511,967
Pa'anga fakakatoa	86,540,931	90,691,892	83,460,859	86,373,809
Vahevahe	28.62%	32.38%	27.19%	31.10%

6 PA'ANGA HUMAI

Pa'anga humau Pule'i

Lolo	30,010,281	17,741,455	30,010,281	17,741,455
Me'a kehe 'ikai ko e lolo	28,454,913	27,831,914	28,454,913	27,831,914
Pa'anga toe ma'u mai GPO	3,587,012	-	3,587,012	-
Kasa	9,425,036	8,383,626	-	-
	71,477,242	53,956,994	62,052,206	45,573,368
<u>Pa'anga humai 'ikai pule'i</u>				
Nga'hi totongi, fakalelei & monomono	1,243,231	3,027,842	1,243,231	2,932,732
	1,243,231	3,027,842	1,243,231	2,932,732
	72,720,473	56,984,836	63,295,437	48,506,100

Vahevahe 'o e pa'anga humai

'I he tepile 'i lalo, ko e fakamatala 'o e pa'anga hu mai mei he nga'hi aleapau moe kau kasitoma 'i he ngaue'aki e IFRS 15 'o vahevahe fakafeitu'u

Tongatapu	64,290,645	48,735,253	56,665,282	41,875,498
Vava'u	5,464,988	5,491,774	4,079,139	4,245,068
Ha'apai	1,558,914	1,397,997	1,324,119	1,186,776
'Eua	1,405,926	1,359,812	1,226,897	1,198,758
	72,720,473	56,984,836	63,295,437	48,506,100

7 PA'ANGA HUMAI

Pa'anga humai toloi (Nouti 25)	3,456,509	3,456,509	3,456,509	3,456,509
Pa'anga tokoni mei he Pule'anga	-	-	-	-
Pa'anga tokoni mei he tiviteni	-	-	-	-
	-	-	-	-
Tupu mei hono tukuange atu e koloa, falengaue, naunau me'angaue	18,820	1,054,736	18,820	1,054,736
Pa'anga hu mai makehe	1,279,008	726,163	1,369,784	673,523
	4,754,338	5,237,407	4,845,113	5,184,767

	Fakataha'i 2022 \$	2021 \$	Kautaha 2022 \$	2021 \$
8 TOTONGI HAOHAOA FAKAPA'ANGA				
Tupu pa'anga humai ngaue'aki e effective interest method	24,430	19,739	14,482	13,417
Tupu fakakatoa pa'anga hu mai mei he 'eseti fakapa'anga fua'aki 'a e totongi holoki	24,430	19,739	14,482	13,417
Tupu haohaoa fakafetongi pa'anga muli	3,557	7,058	3,557	(9,007)
Pa'anga hu mai - kehe	3,557	7,058	3,557	(9,007)
Liapiliti fakapa'anga fua'aki totongi holoki				
Fakamole 'i he totongi tupu (Nouti 21(b))	(1,056,260)	(1,253,012)	(1,005,327)	(1,190,936)
Fakamole totongi tupu – ng. mo'ua lisi (Nouti 27)	(69,173)	(104,792)	(69,173)	(74,231)
Me'angaue fakapa'anga 'ikai ola lelei fakapa'anga	-	-	-	-
Fakamole fakapa'anga - kehe	(1,125,434)	(1,357,805)	(1,074,501)	(1,265,167)
Fakamole haohaoa fakatokanga'i 'i he tupu & mole	(1,097,447)	(1,331,007)	(1,056,462)	(1,260,757)
9 FAKAMOLE KAU NGAUE				
Kau Pule Ma'olunga (Nouti 28(d))	1,422,857	1,686,539	1,266,857	1,292,330
Vahe kau ngaue & fakamole fekau'aki	7,242,022	5,130,965	6,151,359	4,711,601
Tokoni monu'ia sino'i pa'anga malolo	423,010	434,186	423,010	373,169
	9,087,889	7,251,690	7,841,226	6,377,100
10 (MOLE)/TUPU KIMU'A TUKUHAU VAHENG				
(Mole) / tupu kimu'a tukuahu vahenga lau ia ko e fakamole ne totongi:	1,878,898	1,960,343	1,946,452	1,181,427
(a) Totongi he fakatau				
Totongi Lolo	35,191,779	21,659,631	35,191,779	21,659,631
Totongi ma'u'anga ivi fakafo'ou	953,325	852,723	953,325	852,723
Totongi Kasa	7,164,897	5,446,267	-	-
Vahenga & Lau'aho	5,130,788	4,135,500	5,130,788	4,135,500
Tokoni monu'ia ki he sino'i pa'anga malolo	293,412	257,725	293,412	257,725
Totongi ki he kau ngaue kehe	1,231,620	1,118,325	1,231,620	1,118,325
Totongi tokanga'i	2,996,505	3,705,310	2,996,505	3,705,310
Koloa humai	76,868	94,322	76,868	94,322
Fakamole totongi nofo/lisi	151,004	144,547	151,004	144,547
Ngaue fakalelei kehe	474,952	388,965	384,602	388,965
Holoki ng.me'angaue motu'a	1,170,451	1,195,525	1,170,451	1,195,525
Ngaahi fakamole kehe	2,998,178	2,509,223	2,794,009	2,344,090
	57,833,778	41,508,064	50,374,362	35,896,664

	Fakataha'i 2022 \$	2021 \$	Kautaha 2022 \$	2021 \$
10 (MOLE) / TUPU KIMU'A TUKUHAU VAHENGHA (hokoatu)				
<i>(b) Ng. fakamole fakatau atu</i>				
Ngaahi fakamole mitia	49,139	49,860	47,927	46,463
Mole he fakatau 'a e ngaahi koloa mo e me'angaue	-	-	-	-
Ngaue monomono & fakalelei	68,231	126,467	-	-
Holoki netiueka tufaki	7,410,064	7,495,336	7,410,064	7,495,336
	<u>7,527,434</u>	<u>7,671,664</u>	<u>7,457,991</u>	<u>7,541,800</u>
<i>(c) Pule'i & ng. fakamole kehe</i>				
Vahenga 'atita – ng. ngaue faka'atita	47,917	109,500	42,000	87,995
Ng. totongi pangike	64,298	86,636	64,298	83,462
Holoki kekekele, falengaue & me'angaue	1,528,534	1,609,076	1,210,385	1,234,575
Holoki mahu'inga koloa 'iai e totonu ke ngaue'aki	116,804	96,955	44,470	59,274
Holoki mahu'inga koloa 'ikai ha	658,670	722,048	642,416	657,032
Totongi komisoni 'uhila	561,192	561,192	561,192	561,192
Mole 'inivesi ngaahi kautaha kehe	-	-	-	-
Malu'i	1,356,498	1,327,777	1,242,478	1,186,188
Vahenga kau talekita (Nouti 27(a))	343,374	383,811	180,515	226,956
Fakamole fakalao & polofesinale	28,919	448,216	28,919	404,291
Monomono & fakalelei	67,283	74,648	67,283	74,648
Ng. vahenga & lau'aho	3,378,091	2,682,003	2,287,428	1,868,431
Tokoni monu'ia sino'i pa'anga malolo	129,599	176,461	129,599	115,444
Fakamole fefolau'aki	59,978	30,091	59,978	30,091
Ngaahi fakamole kehe	796,099	1,024,502	744,324	802,390
	<u>9,137,254</u>	<u>9,332,916</u>	<u>7,305,283</u>	<u>7,391,969</u>
11 TUKUHAU VAHENGHA				
<i>(a) Fakamole Tukuha Vahenga</i>				
Tukuha lolotonga (tupu) / fakamole	1,272,476	879,816	1,194,148	679,366
Faingamalie tukuha toloi	(742,870)	(401,410)	(707,535)	(384,009)
Si'isi'i/(lahiange) ngaahi ta'u kimu'a	(63,194)	11,680	-	-
Tukuha vahenga (tupu)/fakamole	<u>466,412</u>	<u>490,086</u>	<u>486,613</u>	<u>295,357</u>
<i>Fakamole tukuha vahenga kimu'a</i>				
Tupu kimu'a tukuha	1,878,898	1,960,343	1,946,452	1,181,427
Fakamole tukuha vahenga tupu he 25% (2021: 25%)	469,724	490,086	486,613	295,357
Kehekehe tu'uma'u	-	-	-	-
Si'isi'i/(lahiange) pa'anga teuteu ng. ta'u kimu'a	-	-	-	-
Fakamole tukuha toloi 'ikai fakatokanga'i	-	-	-	-
Fakamole tukuha 'ikai fakatokanga'i kimu'a	-	-	-	-
Fakamole/tupu tukuha vahenga	<u>469,724</u>	<u>490,086</u>	<u>486,613</u>	<u>295,357</u>

- 'ovatulafu moe Pangike ANZ ko e \$3 miliona 'i he totongi tupu ko e 9.5% ki he ta'u (2021: \$3 miliona 'i he tupu ko e 9.5% he ta'u).

	Consolidated 2022	2021	Company 2022	2021
	\$	\$	\$	\$
13 FEFAKATAU'AKI & PA'ANGA KEHE				
Pa'anga mei he fefakatau'aki	4,725,005	2,499,013	4,635,117	2,420,738
Holo pa'anga fefakatau'aki	(829,508)	(530,987)	(487,232)	(487,232)
Totongi ki mu'a	3,895,496	1,968,026	4,147,884	1,933,506
Pa'anga hu mai fakakatoa	1,443,967	1,170,927	1,435,552	1,155,006
Pa'anga mei he kupu fekau'aki (Nouti 28(c))	5,645,808	3,064,084	5,645,808	3,064,084
Pa'anga mei he WAL	-	-	415,229	329,225
Pa'anga mei he tukuhau fakatau	-	10,860	-	10,860
Ngaahi koloa kehe	589,569	263,103	589,569	263,103
	1,588,470	1,185,541	1,581,815	1,185,541
	13,163,310	7,662,541	13,815,856	7,941,325
14 NGAHI KOLOA				
Lolo	1,224,115	687,045	1,224,115	687,045
Talifaki	407,200	478,598	407,200	478,598
Lolo fakalolo	50,373	55,182	50,373	55,182
Kasa & koloa kasa	621,660	376,020	-	-
	2,303,347	1,596,844	1,681,687	1,220,824
15 MO'UA 'INIVESI MALU'i				
Lolotonga				
Pangike ANZ	777,709	764,243	346,055	339,936
Ponite Pule'anga	-	-	-	-
	777,709	764,243	346,055	339,936
'Ikai Lolotonga				
Ponite Pule'anga	-	-	-	-

'I he 'aho 'o e lipooti, na'e 'i ai e ngaahi Tipositi fakateemi 'ae Kulupu mo e Pangike ANZ 'i he tupu koe 2% he ta'u (2021: 2% kihe ta'u).

**KONGA 'O E FAKAMATALA PA'ANGA 'A E KAUTAHA 'UHILA 'A
'TONGA MO 'ENE NGA'HI VA'A NGAUE IIKI KI HE TA'U 'O 'OSI
KI HE 30 SUNE 2020**

	Fakataha'i		Kautaha	
	2022	2021	2022	2021
	\$	\$	\$	\$
16 NG. 'ESETI 'IKAI HA MAI				
Mahu'inga haohaoa kamata	1,680,760	2,386,804	717,322	1,374,354
Ngaahi tanaki	33,996	16,004	-	-
Tukuange atu	-	-	-	-
Mahu'inga holoki	(658,670)	(722,048)	(642,416)	(657,032)
Mahu'inga haohaoa tapuni	1,056,086	1,680,760	74,906	717,322
Sofiuea Komipiuta				
Totongi	4,117,496	4,083,499	3,931,985	3,931,985
Katoa totongi holoki	(4,024,846)	(3,366,176)	(3,857,078)	(3,214,663)
Mahu'inga haohaoa he tohi	92,649	717,323	74,906	717,322
Ongoongo lelei				
Totongi	963,437	963,437	-	-
Mahu'inga haohaoa he tohi	963,437	963,437	-	-
Ngaahi koloa 'ikai ha mai	1,056,086	1,680,760	74,906	717,322

Koe mahu'inga lolotonga 'o e ongoongo lelei 'oku felave'i ia moe 'inivesi 'a e Kautaha he Tonga Gas Limited. Ko ha toe pa'anga 'e ma'u mai he mahu'inga 'o e CGU na'e fakatefito ia he mahu'inga taau 'osi hono kole mei ai 'a e pa'anga ngaue faka'aho 'i he 'aho 'e fakatupu mei he hokohoko atu hono ngaue'aki 'o e CGU. Ko e mahu'inga 'oe CGU he 2021 na'e fakafuofua ia ke ma'ulalo ange he pa'anga 'e toe ma'u mai ko e \$3,070,000. Ko e ngaahi founa fakamahu'inga tefito 'eni na'e ngaue'aki 'i hono fakafuofua 'i 'o e mahu'inga na'e ngaue'aki;

	2022
Tu'unga holoki/tisikauni	13%
Totongi tupu 'I he mahu'inga faka'osi	2%
Totongi tupu 'I he fakafuofua EBITDA ('avalisi 'o e ta'u 5 ka hoko mai)	8%

Ko e tisikauni pe tu'unga holoki ko e ngaue ia 'osi e tukuhau fakatefito 'i he ponite ta'u 'e 30 na'e tuku mai 'e he pule'anga 'Amelika ki he ngaahi maketi felave'i, pea fakalelei'i ki he ngaahi fonua 'oku uesia mo e faikehekehe 'i he hikihihi totongi koloa ke ha mai 'oku tata pe pa'anga koia mo e pa'anga ngaue'aki, toe fakalelei'i ke ha ai 'e toe lahiange e fakatamaki 'o e 'inivesi he ngaahi koloa fakalukufua mo e fakatamaki 'a e fa'unga ngaue 'o fakahangatonu 'i he CGU. Ko e totongi tukuhau holoki kimu'a ko e 17.54%.

Ko e pa'anga ngaue'aki 'i he ta'u 'e nima na'e fakakau 'i he motolo pa'anga ngaue'aki holoki. Ko e totongi tupu taimi loloa na'e tu'utu'uni 'aki ki he koloa ta'e'osi ko 'eni 'a ia ko e si'isi'i taha ia 'i he tupu fakalukufua 'o e koloa (GDP) 'oku fa'u fakalotofonua ma'a Tonga 'i he ta'u.

Ko e fakafuofua EBITDA na'e fakatefito ia 'i he ola he kaha'u pea fakakau ai mo e taukei 'i he kuohili, fakalelei'i ki he tupu 'a e pa'anga fakalukufua ne fai kia e 'amanaki. Ko e tupu 'i he pa'anga fakalukufua ne fakafuofua 'i ia hono vakai'i e tu'unga tupu faka'avalisi mei he taukei he ta'u 'e nima kuo toki 'osi moe tupu 'oku fakafuofua kihe ta'u 'e nima mo hono vakai'i ha fakafuofua ki he uesia 'e he COVID-19 'i he 'aho 'oku tuku atu ai 'a e lipooti ni.

Ka 'ikai ola lelei 'a e ngaue 'i he fakafuofua mahu'inga, 'e lava ke hoko ha uesia pe ha fehalaaki

17 KELEKELE, FALENGAUE & ME'ANGAUE KAUTAHA – FAKATAHA'I

	Me'angaue Fo'u'uhila \$	Netiueka Tufaki \$	Naunau Komipiuta \$	Naunau Fale \$	Me'ang aue \$	Salio e Misini \$	Keleke le & Fale \$	Pa'an ga Ngau e \$	Ma'u'anga Ivi fakafo'o u \$	Katoa \$
'I he 30 Sune 2020										
Totongi pe fakamahu'inga	33,711,260	104,880,615	1,732,799	380,000	6,886,293	5,342,728	27,174,637	3,427,897	32,611,136	216,147,365
Holoki fakakatoa	(15,447,713)	(30,743,494)	(1,249,521)	(310,545)	(5,030,898)	(4,227,642)	(2,597,240)	-	(7,141,126)	(66,748,179)
Mahu'inga haohaoa he tohi	18,263,547	74,137,121	483,278	69,455	1,855,395	1,115,086	24,577,397	3,427,897	25,470,010	149,399,186
Ta'u 'osi 30 Sune 2021										
Mahu'inga haohaoa kamata	18,263,547	74,137,121	483,278	69,455	1,855,395	1,115,086	24,577,397	3,427,897	25,470,010	149,399,186
Ngaahi tanaki	-	990,943	84,046	31,632	105,568	576,211	1,200,000	1,688,045	-	4,676,444
Ngaahi hiki	-	-	-	-	-	87,653	-	(87,653)	-	-
Ngaahi tuku atu	-	-	-	-	-	-	(1,445,264)	-	-	(1,445,264)
Fakamole holoki	(1,195,526)	(6,145,437)	(166,178)	(33,338)	(332,276)	(517,492)	(559,792)	-	(1,349,899)	(10,299,938)
Mahu'inga haohaoa he tohi	17,068,021	68,982,627	401,145	67,749	1,628,687	1,261,458	23,772,341	5,028,289	24,120,111	142,330,428
'I he 30 Sune 2021										
Totongi pe fakamahu'inga	33,711,260	105,871,558	1,816,845	411,632	6,991,861	6,006,592	26,929,373	5,028,289	32,611,136	219,378,545
Holoki fakakatoa	(16,643,239)	(36,888,931)	(1,415,699)	(343,883)	(5,363,174)	(4,745,134)	(3,157,032)	-	(8,491,025)	(77,048,117)
Mahu'inga haohaoa he tohi	17,068,021	68,982,627	401,145	67,749	1,628,687	1,261,458	23,772,341	5,028,289	24,120,111	142,330,428
Ta'u 'osi 30 Sune 2022										
Mahu'inga haohaoa kamata	17,068,021	68,982,627	401,145	67,749	1,628,687	1,261,458	23,772,341	5,028,289	24,120,111	142,330,428
Ngaahi tanaki	-	706,669	165,940	34,948	278,715	633,263	65,842	1,945,247	-	3,830,624
Ngaahi hiki	527,020	-	(1,193)	-	(1,119)	(310,496)	-	(527,020)	-	-
Ngaahi tuku atu	-	-	(1,193)	-	(1,119)	(310,496)	-	-	-	(312,808)
Fakamole holoki	(1,170,452)	(6,060,165)	(155,494)	(25,277)	(313,398)	(158,024)	(565,845)	-	(1,349,899)	(9,798,554)
Fakamole haohaoa he tohi	16,424,589	63,629,131	410,398	77,420	1,592,886	1,426,201	23,272,338	6,446,516	22,770,212	136,049,690
'I he 30 Sune 2022										
Totongi pe fakamahu'inga	34,238,280	106,578,227	1,981,592	446,580	7,269,457	6,329,359	26,995,215	6,446,516	32,611,136	222,896,362
Fakakatoa holoki	(17,813,691)	(42,949,096)	(1,571,194)	(369,160)	(5,676,572)	(4,903,158)	(3,722,877)	-	(9,840,924)	(86,846,672)
Mahu'inga haohaoa he tohi	16,424,589	63,629,131	410,398	77,420	1,592,886	1,426,201	23,272,338	6,446,516	22,770,212	136,049,690
KELEKELE, FALENGAUE & ME'ANGAUE KAUTAHA – FAKATAHA'I										
	Me'angaue Fo'u'uhila \$	Netiueka Tufaki \$	Naunau Komipiuta \$	Naunau Fale \$	Me'ang aue \$	Salio e Misini \$	Keleke le & Fale \$	Pa'an ga Ngau e \$	Ma'u'anga Ivi fakafo'o u \$	Katoa \$
'I he 30 Sune 2020										
Totongi pe fakamahu'inga	33,711,260	104,880,615	1,568,676	360,178	1,418,600	4,739,937	25,412,213	3,427,897	32,611,136	208,130,512
Holoki fakakatoa	(15,447,713)	(30,743,494)	(1,105,941)	(292,420)	(1,185,926)	(3,747,644)	(2,239,728)	-	(7,141,126)	(61,903,992)
Mahu'inga haohaoa he tohi	18,263,547	74,137,121	462,735	67,758	232,674	992,293	23,172,485	3,427,897	25,470,010	146,226,520
Ta'u 'osi 30 Sune 2021										
Mahu'inga haohaoa kamata	18,263,547	74,137,121	462,735	67,758	232,674	992,293	23,172,485	3,427,897	25,470,010	146,226,520
Ngaahi tanaki	-	990,943	53,257	30,593	52,629	524,951	1,200,000	1,688,045	-	4,540,417
Ngaahi hiki	-	-	-	-	-	87,653	-	(87,653)	-	-
Ngaahi tuku atu	(1,195,526)	(6,145,437)	(151,311)	(32,192)	(95,363)	(410,054)	(545,656)	-	(1,349,899)	(9,925,437)
Fakamole holoki	17,068,021	68,982,627	364,681	66,159	189,940	1,194,843	22,381,565	5,028,289	24,120,111	139,396,236
'I he 30 Sune 2021										
Totongi pe fakamahu'inga	33,711,260	105,871,558	1,621,933	390,771	1,471,229	5,352,541	25,166,949	5,028,289	32,611,136	211,225,665
Holoki fakakatoa	(16,643,239)	(36,888,931)	(1,257,252)	(324,612)	(1,281,289)	(4,157,698)	(2,785,384)	-	(8,491,025)	(71,829,429)
Mahu'inga haohaoa he tohi	17,068,021	68,982,627	364,681	66,159	189,940	1,194,843	22,381,565	5,028,289	24,120,111	139,396,236
Ta'u 'osi 30 Sune 2022										
Mahu'inga haohaoa kamata	17,068,021	68,982,627	364,681	66,159	189,940	1,194,843	22,381,565	5,028,289	24,120,111	139,396,236
Ngaahi tanaki	-	706,669	159,518	32,391	202,231	627,741	46,903	1,945,247	-	3,720,700
Ngaahi hiki	527,020	-	-	-	-	-	-	(527,020)	-	-
Ngaahi tuku atu	-	-	-	-	-	(310,496)	-	-	-	(310,496)
Fakamole holoki	(1,170,452)	(6,060,165)	(147,431)	(24,529)	(86,697)	(144,945)	(496,287)	-	(1,349,899)	(9,480,405)
Fakamole haohaoa he tohi	16,424,589	63,629,131	376,768	74,021	305,475	1,367,143	21,932,181	6,446,516	22,770,212	133,326,035
'I he 30 Sune 2022										
Totongi pe fakamahu'inga	34,238,280	106,578,227	1,781,451	423,162	1,673,461	5,669,786	25,213,852	6,446,516	32,611,136	214,635,870
Fakakatoa holoki	(17,813,691)	(42,949,096)	(1,404,683)	(349,141)	(1,367,985)	(4,302,643)	(3,281,670)	-	(9,840,924)	(81,309,834)
Mahu'inga haohaoa he tohi	16,424,589	63,629,131	376,768	74,021	305,475	1,367,143	21,932,181	6,446,516	22,770,212	133,326,035

	Fakataha'i		Kautaha	
	2022	2021	2022	2021
	\$	\$	\$	\$
18 FEFAKATAU'AKI & NG. MO'UA KEHE				
Mo'ua fefakatau'aki	6,602,865	3,627,988	6,249,256	3,028,704
Mo'ua kehe & mo'ua te'eki totongi	3,803,963	5,096,596	3,109,092	5,083,192
Mo'ua kehe fekau'aki (Nouti 28(c))	-	-	2,814,137	2,453,204
	<u>10,406,827</u>	<u>8,724,584</u>	<u>12,172,484</u>	<u>10,565,100</u>
19 NG. MONU'IA KAUNGAUE				
Livi Fakata'u	356,945	234,756	301,639	207,233
Talifaki ki he ngaahi monu'ia	-	-	-	-
	<u>356,945</u>	<u>234,756</u>	<u>301,639</u>	<u>207,233</u>
20 NGAHI NO				
a) Ng. no malu'i mei he ANZ Tonga				
Lolotonga	4,683,304	4,437,207	4,128,090	4,128,090
No taimi loloa ange	<u>20,087,246</u>	<u>22,557,937</u>	<u>19,214,990</u>	<u>21,463,789</u>
Fakakatoa	<u>24,770,550</u>	<u>26,995,144</u>	<u>23,343,080</u>	<u>25,591,879</u>
b) Fakatonutonu ki he fetu'aki ngaahi mo'ua ki he ngaue fakapa'anga tupu mei he ngaue fakapa'anga.				
Palanisi kamata'anga 'o e ta'u	26,995,144	31,270,229	25,591,879	29,593,469
Mei he ngaahi no	892,080	-	892,080	-
Totongi ngaahi no	(3,116,674)	(4,275,085)	(3,140,879)	(4,001,590)
Fakamole ki he tupu	1,056,260	1,253,012	1,005,327	1,190,936
Tupu ki he kekelele, fale misini, mo e me'angaue	-	-	-	-
Tupu ne totongi	<u>(1,056,260)</u>	<u>(1,253,012)</u>	<u>(1,005,327)</u>	<u>(1,190,936)</u>
Palanisi he faka'osinga e ta'u	<u>24,770,550</u>	<u>26,995,144</u>	<u>23,343,080</u>	<u>25,591,879</u>
c) Ngaahi koloa malu'i				

Ko e malu'i 'o e ngaahi no 'a e kulupu 'oku ha atu ko eni:

Ngaahi no 'a e Tonga Power

- 'Uluaki Mokisi Lesisita he lisi 'i Popua, Lisi fika 8159 kau ai moe ngaahi fakalelei kotoa ki ai
- 'Uluaki Mokisi Lesisita he lisi 'i Matatoa, Lisi fika 8684 kau ai moe ngaahi fakalelei kotoa kiai
- 'Uluaki Lesisita Tohi Aleapau Mokisi he kotoa e ngaahi koloa moe tukupa 'a e Tonga Power Limited
- 'Uluaki Lesisita Tohi Aleapau Mokisi he kotoa e ngaahi koloa moe tukupa 'a e Homegas Limited
- 'Uluaki Lesisita Tohi Aleapau Mokisi he kotoa e ngaahi koloa moe tukupa 'a e Tonga Gas Limited
- Kaulenitoa kotoa e Tonga Power Limited, Homegas Limited moe Tonga Gas Limited
- Tohi Fakapapau'i Ngaue he Aleapau Fakama'ama'a e 'Uhila
- Tohi totonu tauhi kotoa 'inasi 100% 'a e Tonga Power Limited 'i he Homegas Limited

Ngaahi no 'a e Tonga Gas Limited

- 'Uluaki Lesisita Tohi Aleapau Mokisi he kotoa e ngaahi koloa mo e tukupa 'a e Tonga Gas Limited
- 'Uluaki Lesisita Tohi Aleapau Mokisi he kotoa e ngaahi koloa mo e tukupa 'a e Homegas Limited
- 'Uluaki Mokisi Lesisita he lisi 'i Toulili, Ma'ufanga, Lisi fika 2821A
- 'Uluaki Mokisi Lesisita he kekelele 'i Tola, Vava'u, Lisi fika 8137
- Malu'i 'ehe Tonga Power Limited, Homegas Limited moe Tonga Gas Limited

Ko e ngaahi konivananite 'eni 'i he ngaahi no 'oku 'ikai muimui pau kiai 'a e Kulupu moe Kautaha moe:

- Fakamatala Pa'anga 'osi 'Atita'i Fakata'u na'e kole 'e he ANZ 'i he 'enau faingamalie, kae 'oua toe tomui ange he 'aho 120 he 'osi e ngaahi ta'u fakapa'anga takitaha;
- Fakafuofua Pa'anga Ngaue'aki pea/pe koe ngaahi fakafuofua ki he mahina 'e 12 ka hoko na'e kole 'e he ANZ 'i he 'enau faingamalie, kae 'oua toe tomui ange he 'aho 30 he 'osi e ngaahi ta'u fakapa'anga takitaha;
- Palani CAPEX fakata'u 'i he 'enau faingamalie, kae 'oua toe tomui 'aki e 'aho 'e 60 'o e ta'u fakapa'anga kotoa pe 'i he 'akauni 'a e Tonga Power Limited; mo e
- Kapau koe ngaahi 'inasi kuo totongi 'e laka hake he 50% 'o e Tupu Haohaoa 'Osi Tukuhau, 'oku loto e ANZ 'oku 'ikai ke fiema'u e totongi e ngaahi 'inasi ka ko hono vakai'i kapau 'e laka he 50% 'a e 'inasi ta'e 'uluaki 'i ai ha talanoa 'a e Taha Noo mo e Pangikae.
- 'Oku 'ikai ha uesia 'oe ta'e fai ko 'eni kihe ngaahi Fakamatala pa'anga fakatahataha he 'ikai ha he ngaahi noo ha ngaahi kupu ki he ta'e fiema'u koiaa. 'I he 'osi 'ae ta'u, ne fakaha 'ehe va'a pulee ki he ANZ 'o e 'ikai ke fakahoko enii. 'I he 'aho 4 Ma'asi 2021 ne foaki ai 'e he ANZ 'a e fakaloloa ki he Kulupu mo e Kautaha ki he 'aho 2 'Epeleli 2021 ke fakakato ange e ngaahi konivananite ta'e fakapa'anga ko enii.

20 NGAHI NO (hokoatu)

e) Tu'utu'uni 'o e ngaahi no

	Totongi tupu	Totongi fakamahina	A'uA'u
Tonga Power Limited borrowing			
No 1	4.00%	72,506	April 2027
No 2	4.00%	80,048	April 2028
No 3	4.00%	30,078	April 2028
No 4	4.00%	80,904	May 2029
No 5	4.00%	62,257	May 2029
No 6	4.25%	18,215	April 2034

	Fakataha'i		Kautaha	
	2022	2021	2022	2021
	\$	\$	\$	\$
21 'INASI KAMATA				
(a) Pa'anga kamata faka'ata				
1,031 'inasi 'i he \$32,768 ki he taha	33,783,595	33,783,595	33,783,595	33,783,595
(b) Pa'anga 'ata tuku atu mo totongi				
'Inasi angamaheni 1,031 'i he \$32,768 ki he				
'inasi 'osi totongi kakato	33,783,595	33,783,595	33,783,595	33,783,595

	Fakataha'i		Kautaha	
	2022	2021	2022	2021
	\$	\$	\$	\$
22 'INASI KI HE TIVITENI				
Palanisi kamata'anga 'a e ta'u	-	-	-	-
Tiviteni fakahu	200,000	1,000,000	200,000	1,000,000
Tiviteni ne totongi	(200,000)	(1,000,000)	(200,000)	(1,000,000)
Tiviteni liliu ki he tokoni	-	-	-	-
Palanisi ki he 'osi e ta'u	-	-	-	-

Lolotonga e ta'u, na'e fakaha 'ehe Kautaha koe Tiviteni ko \$200,000 (2021: \$1,000,000) 'i \$194 (2021: \$970) ki he 'inasi. 'I he 2021 koe tiviteni na'e totongi lolotonga e ta'u, \$1,000,000 na'e 'ikai ke lau ia 'e he kau ma'u 'inasi pea fakatokanga'i koe pa'anga hu mai 'i he tupu pe mole, he koe 'ikai ke lau koe mahu'inga ia e toe ma'u mai mei he ngaahi totongi 'oku puke 'e he kau ma'u mafai.

23 TALIFAKI TOE FAKAMAHU'INGA'I KOLOA

Palanisi he kamata'anga e ta'u	9,525,181	9,946,305	9,525,181	9,946,305
Holoki mahu'inga e ngaahi fale	(69,467)	(69,467)	(69,467)	(69,467)
Holoki netiueka tufaki	(351,657)	(351,657)	(351,657)	(351,657)
Palanisi he 'osi e ta'u	9,104,057	9,525,181	9,104,057	9,525,181

Ko e talifaki ki hano toe fakamahu'inga e ngaahi koloa 'oku kau ai e mahu'inga taau 'e ma'u mei hano toe fakamahu'inga e Netiueka Tufaki 'a e Kautaha pehee ki hano toe fakamahu'inga e kelekele mo e ngaahi fale. Koe kehekehe 'o e holoki fakatefito mei hano toe fakamahu'inga e lahi 'oku tuku kihe tupu pe mole pea holoki fakatefito mei he 'uluaki mahu'inga 'o e ngaahi koloa ki he ta'u na'e \$421,124 (2021: \$421,124). Koe kehekehe na'e hiki ia mei he talifaki hono toe fakamahu'inga e koloa ki he pa'anga hu mai 'oku tauhi.

	Fakataha'i		Kautaha	
	2022	2021	2022	2021
	\$	\$	\$	\$
24 PA'ANGA HU MAI TOLOI KOLOA FOAKI MAI				
Palanisi kamata'anga e ta'u	51,969,269	55,425,778	51,969,269	55,425,778
Ngaahi tanaki/fakalahi	-	-	-	-
Mahu'inga tuku atu ki he pa'anga hu mai kehe	(3,456,509)	(3,456,509)	(3,456,509)	(3,456,509)
Palanisi he 'osi e ta'u	48,512,760	51,969,269	48,512,760	51,969,269
Fakaha 'i he fakamatala pa'anga 'oku ha atu 'i lalo:				
Lolotonga	3,456,509	3,456,509	3,456,509	3,456,509
'ikai lolotonga	45,056,250	48,512,760	45,056,250	48,512,760
	48,512,760	51,969,269	48,512,760	51,969,269

Koe pa'anga humai toloi ko e ngaahi tokoni felave'i mo e fakamole tefito mo e ngaahi poloseki mo e ngaahi koloa tu'uma'u ko e ma'u mei he ngaahi tokoni.

	Fakataha'i		Kautaha	
	2022	2021	2022	2021
	\$	\$	\$	\$
25 'INIVESI 'I HE NGAHI KAUTAHA IIKI				
Homegas Limited	-	-	642,531	642,531
Tonga Gas Limited	-	-	2,953,163	2,953,163
	-	-	3,595,694	3,595,694

25 'INIVESI 'I HE NGAHI KAUTAHA IIKI
(hokoatu)

	Fakataha'i		Kautaha	
	2022	2021	2022	2021
	\$	\$	\$	\$
Palanisi kamata'anga e ta'u	-	-	3,595,694	3,595,694
Fakalahi 'inivesi he kautaha	-	-	-	-
Holo he 'inivesi	-	-	-	-
Palanisi he 'osi e ta'u	-	-	3,595,694	3,595,694
	Founga 'o e Ma'u / Pule'i		Feitu'u	Fonua
	2022	2021	fokotu'u ai	fakalele ai
Subsidiary entities				
Homegas Limited	100%	100%	Tonga	Tonga
Tonga Gas Limited	100%	100%	Tonga	Tonga

Ko e tiviteni na'e ma'u mei he Tonga Gas Limited ko e \$Nil (2021: \$nil) na'e lliu ia ki he ngaahi 'inasi.

26 LISI

	Fakataha'i		Kautaha	
	2022	2021	2022	2021
	\$	\$	\$	\$
A. Ko e tokotaha totongi lisi				
Koloa 'i ai e totonu ke ngaue'aki				
Palanisi 'i he 1 Siulai 2021	2,660,846	2,799,703	1,522,337	1,623,513
Totongi holo ki he ta'u	(116,804)	(96,955)	(44,470)	(59,274)
Tukuatu		(41,902)	(32,948)	(41,902)
Palanisi 'i he 30 Sune 2022	<u>2,544,042</u>	<u>2,660,846</u>	<u>1,444,919</u>	<u>1,522,337</u>
Lisi Mo'ua				
'analaiso tu'unga a'ua'u				
Si'i hifo he ta'u 'e 1	158,830	158,830	90,730	90,730
Vaha'a ta'u 1 ki he 5	703,420	718,551	362,920	378,051
Laka hake he ta'u 5	<u>4,595,218</u>	<u>4,703,666</u>	<u>2,782,405</u>	<u>2,873,135</u>
Fakakatoa tisikauni mo'ua lisi ki he 30 Sune 2022	<u>5,457,468</u>	<u>5,581,047</u>	<u>3,236,055</u>	<u>3,341,916</u>
Ngaahi mo'ua lisi ha he fakamatala 'o e tu'unga fakapa'anga 'i he 30 Sune 2022:				
Lolotonga	42,890	55,357	22,441	35,030
'Ikai lolotonga	<u>2,647,510</u>	<u>2,713,004</u>	<u>1,495,089</u>	<u>1,539,005</u>
	<u>2,690,400</u>	<u>2,768,361</u>	<u>1,517,530</u>	<u>1,574,035</u>
Ngaahi fakatokanga 'i he tupu pe mole				
Tupu he mo'ua lisi	87,346	104,792	69,173	74,231
Totongi holoki he ngaahi koloa ROU	<u>116,804</u>	<u>96,955</u>	<u>44,470</u>	<u>59,274</u>
	<u>204,150</u>	<u>201,748</u>	<u>113,643</u>	<u>133,505</u>
Ng. totongi fakatokanga 'i 'i he fakamatala pa'anga ngaue'aki faka'aho				
Katoa pa'anga tafe ki he ngaahi lisi	<u>(91,098)</u>	<u>(68,598)</u>	<u>(78,695)</u>	<u>(51,698)</u>

B. Ko e tokotaha ma'u kelekele/koloa

'Oku lisi atu 'e he Kautaha 'a e 'elia 'i hono 'ofisi ki hono ngaahi kupu fengaue'aki, ko e kautaha Tonga Gas Limited ki he ta'u 'e 30. Ko e pa'anga hu mai mei he lisi koia 'a e Tonga Gas limited 'i he ta'u ko e \$46,800.

Pa'anga humai mei he ngaahi aleapau lisi ko e Kautaha 'oku 'a'ana e koloa 'oku ha atu 'i lalo.

	Kautaha	
	2021	2022
	\$	\$
Lisi ngaue'aki		
Pa'anga lisi	46,800	46,800

26 NGAHI LISI (hokoatu)

	Kautaha 2022	2021
	\$	\$
B. ko e tokotaha ma'u kelekele/koloa (hokoatu)		
'Analaiso a'ua'u – ko e aleapau ki he pa'anga humai 'ikai ke tisikauni		
'I he ta'u 'e taha	46,800	46,800
'I he 'osi e ta'u 'e taha kae si'i hifo he ta'u 'e 5	187,200	187,200
'osi e ta'u 'e 5	1,357,200	1,357,200
Katoa ng. totongi lisi 'ikai tisikauni	1,591,200	1,591,200

27 NGAHI KUPU FEKAU'AKI

(a) Fengaue'aki mo e kau Talekita

Ko e kau talekita 'eni 'o e Kautaha 'i ha fa'ainga taimi lolotonga e ta'u fakapa'anga 'o a'u ki he 'aho na'e fakamo'oni ai 'a e ngaahi fakamatala pa'anga:

Mr. Tapu Panuve	Fokotu'u 1-Ma'asi-2022
Hon. Lasike	Fokotu'u 1-Ma'asi-2022
Mr. Saimone Helu	Fokotu'u 1-Ma'asi-2022
Mr. Malu Takai	Fokotu'u 1-Ma'asi-2022
Dr. Tevita Tukunga	Fokotu'u 1-Ma'asi-2022
Mr. Sosaia Penitani	Fokotu'u 1-Ma'asi-2022
Mr. Daniel Hamala	Fakafisi 28-Fepueli-2022
Mr. Soane Kautai	Fakafisi 28-Fepueli-2022
Mrs. Seimili Fonua	Fakafisi 28-Fepueli-2022
Mr. 'Isileli Pulu	Fakafisi 28-Fepueli-2022
Mrs. Pisila 'Otunuku	Fakafisi 28-Fepueli-2022
Dr. 'Aisake Valu Eke	Fakafisi 31-'Akosi-2021
Mr. 'Ipolito Lasalo	Fakafisi 31-'Akosi-2021
Mr. Tevita Puloka	Fakafisi 31-'Akosi-2021

	Fakataha'i	Kautaha
	2022	2021
	\$	\$
Vahe 'a e kau Talekita	343,374	383,811
	180,515	226,956

(b) Fengaue'aki mo e ngaahi Potungaue 'a e Pule'anga & Ngaahi Kautaha 'a e Pule'anga

Ko e Kautaha 'oku ma'u kotoa ia 'e he Pule'anga Tonga. Na'e 'i ai e fengaue'aki 'a e Kautaha mo e Pule'anga, mo e ngaahi kautaha kehe pe 'a e Pule'anga 'o kau kiai kae 'ikai fakangatanga ki he fakatau atu mo e fakatau mai 'o e ngaahi koloa, lisi 'o e ngaahi koloa mo hono ngaue'aki e naunau/ 'a e pule'anga.

	Kautaha 2022	2021
	\$	\$
(c) Fengaue'aki mo e ngaahi kupu iiki		
Fengaue'aki lolotonga e ta'u		
Fakatau 'o e 'uhila	22,041	19,057
Pa'anga hu mai mei he sevesi	6,000	6,000
Ngaahi fakamole kehe	-	-
Palanisi 'i he 'osi e ta'u		
Pa'anga hu mai mei he ngaahi kupu fekau'aki		
Pa'anga kehe hu mai		
Tonga Gas Limited	415,229	329,225

42 RELATED PARTIES (continued)

	Kautaha 2022	2021
	\$	\$
(c) Fengaue'aki mo e ng. kupu iiki (hokoatu)		
Pa'anga ke totongi ki he ngaahi kupu fekau'aki		
<i>Ngaahi fakamole kehe</i>		
Tonga Gas Limited	2,814,137	2,453,204
Homegas Limited	-	-
	<u>2,814,137</u>	<u>2,453,204</u>

(d) Kau Taki Ngaue Tefito

'Oku 'i ai e mafai mo e fatongia 'a e kau taki ngaue ke palani, tu'utu'uni mo pule'i 'a e ngaahi ngaue 'a e kautaha, fakahangatonu pe ta'efakahangatonu, kau ai ha talekita (pe 'oku pule pe 'ikai) 'o e kautaha koia.

'I he lolotonga 'o e ta'u, koe kau taki ngaue 'oku 'ia kinautolu 'a e mafai lahi taha moe fatongia ki hono fokotu'utu'u, tu'utu'uni mo pule'i e ngaahi ngaue 'a e Kautaha kau ai 'a e Pule Lahi, Pule ki hono tokangaekina e ngaahi fakatamaki mo e lao, Pule ki he fo'u e 'uhila, Pule ki he netiueka, Pule kihe tufaki 'uhila, Pule pa'anga, Pule poloseki, Pule fakalele ngaue, Pule ki he Ngaahi Ngaue mo e Fakalakalaka.

'Ikai koia pe ka koe lolotonga e ta'u ko e kau pule 'oku mahino ko e kau taki ngaue tefito, 'oku nau ma'u 'a e mafai lahitaha mo e fatongia ki hono palani, faitu'utu'uni mo pule'i 'a e ngaahi ngaue 'a e Kulupu kau ai 'a e 'Ofisa Pule Lahi, Pule ki hono tokangaekina 'a e ngaahi fakatamaki & Lao, Pule 'i he va'a Fo'u/Ngaahi e 'uhila, Pule ki he Netiueka, Pule Va'a Tufaki 'Uhila, Pule Pa'anga, Pule Poloseki, Pule Ngaue ki he 'ofisi, Pule ki he fakahoko ngaue mo e Pule 'i he tafa'aki ki he Palani Fakalakalaka.

	Fakataha'i 2022	2021	Kautaha 2022	2021
	\$	\$	\$	\$
Totongi huhu'i Taimi nounou	<u>1,422,857</u>	<u>1,686,539</u>	<u>1,266,857</u>	<u>1,292,330</u>

28 MO'UA TA'EPAU

'Oku 'ikai 'ilo 'e he kau talekita 'o e Kautaha ha fa'ahinga mo'ua ta'epau 'i he'ene a'u mai ki he 30 Sune 2022 (2021: Nil).

29 TUKUPA SINO'I PA'ANGA NGAUE

Pa'anga Ngaue

Koe ngaahi tukupa felotoi 'eni 'i he fakamole pa'anga ngaue na'e tali 'ehe Poate 'a e kau talekita 'o anga peheni:

Ngaahi tukupa sino'i pa'anga ngaue	<u>9,751,439</u>	<u>10,512,077</u>	<u>9,718,000</u>	<u>10,275,313</u>
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30 NGAHI ME'A 'OKU HOKO KIMU'A 'I HE 'AHO PALANISI

Kimu'a 'i he 'osi e ta'u, na'e tuku atu 'e he Poate 'a e Kautaha Kasa 'a Tonga (Tonga Gas Ltd) 'a e totonu ki he kautaha 'Uhila 'a Tonga ke toloi hono totongi 'a e mo'ua \$2,814,137 'i he 'aho 30 Sune 2020 (vakai ki he nouti 27(c)) 'aki 'a e mahina 'e 12 'i he 'osi 'a e 'aho 30 Sune 2022.

Makehe mei heni, 'oku te'eki ai ke hoko ha me'a 'i he vaha'a taimi mei he 'osi 'a e ta'u ki he 'aho 'o e lipooti ni ha fa'ahinga me'a, fengaue'aki fakapa'anga pe ha me'a ha ngali kehe 'oku tui 'a e Kau Talekita ke ne uesia 'a e fatongia 'o e Kautaha mo e Kulupu, ko e ola e fakahoko ngaue 'a e Kulupu mo e Kautaha 'i he ta'u fakapa'anga kuo tau situ'a mei ai.