



*innovation*

# COMPANY PROFILE 2024

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*"Project Specialists, Leading PNG's Renewable/Solar Energy and Street Lighting Infrastructure Development"*

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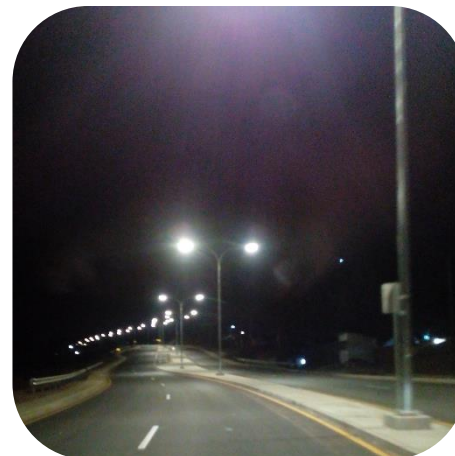
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# 01.

## OUR COMPANY

“Built over time with passion, pride, knowledge and with a genuine desire to significantly contribute to Papua New Guinea's energy infrastructure.”



# OUR COMPANY

## Introduction

**TAG Energy Limited** is a Papua New Guinean registered company with its headquarters in 8 Mile, Port Moresby. The company was established in 2016 and has been growing from strength-to-strength, since.

We are an EPC (engineer/design, procure and construction) project specialist company with particular focus on:

- **Renewable and Solar Energy**
- **Public Streetlighting**
- **High Voltage (HV) Low Voltage (LV) Distribution Networks**

At TAG Energy we have a simple approach to working with our valued clients; we listen to their requests, understand their business environment, develop practical and sustainable solutions, procure quality (tier-1) products and apply best practice, in a timely manner.

## Vision and Inspiration

We envision ourselves playing a pivotal role in the development of the renewable/solar energy sector in Papua New Guinea and the Pacific region. Our commitment to delivering innovative energy solutions stems from the desire to address the long-standing need for sustainable energy solutions, in a significantly underdeveloped energy market.

Papua New Guinea and the Pacific region have an answer as to how it can increase sustainable energy access to its citizens –

**Renewable and Solar Energy...**

## Our Direction

TAG Energy is committed to promoting renewable/solar energy, streetlighting and HV LV distribution network solutions, throughout PNG and the Pacific region. With a decade of experience in the above areas, we aim to increase our company's capability and capacity to deliver more of these services. Our focus is on sustainable energy solutions while being very mindful of the general and business environment we operate in.

## Mission

Our mission is to be at the forefront and be innovators of renewable/solar energy in Papua New Guinea and the Pacific region. We offer a diverse range of products and services tailored to meet the unique needs of our customers. Leveraging from our expertise in consulting and systems technology, we create compelling value propositions for our customers, partners, employees, and shareholders.

## Core Competencies

- Cultivating strategic partnerships in Papua New Guinea, the Pacific and Asian regions
- Competitive pricing on quality (tier-1) products and offering 'value for money'
- Meticulous research and development on both product and project delivery
- Updating clients on the latest innovations in the energy sector
- Access to expert advice from international and local sources
- Engaging in meaningful discussions with customers to understand their precise energy needs
- Meeting valued customers' diverse needs by adopting the latest technology and applying best practice.



# 02.

## OUR SERVICES

“We have a measured and methodological approach to our work, based on best practice.”



# OUR SERVICES

## Renewable and Solar Energy

TAG Energy has a long history with respect to renewable/solar energy in Papua New Guinea and the Pacific region. In 2013, eleven (11) years ago, under TAG Holdings Ltd, an affiliate of TAG Energy Ltd, we installed our first solar system in Palimal, East New Britain, PNG.

TAG Energy has renewable/solar energy footprints in all diverse regions of Papua New Guinea. Below is a summary highlighting key statistics of what we have delivered in the last decade:

- Over 3900 units of 100W Solar Kits, providing lighting and small device charging options to 4,000 rural households,
- Over 420 units of 5kW to 20kW Solar Systems, to Aid-post, health centers, schools, commercial entities, government agencies and households,
- Three (3) large commercial solar systems, over 100kW in size,

We believe that renewable/solar energy it is the key to Papua New Guinea and the Pacific region's energy crisis. Our commitment to quality and innovation is unwavering, as we use only the best components and solutions available at the time. Clients describe us as passionate about what we do and very professional. At TAG Energy, we pride ourselves on our superior workmanship and problem-solving technics.

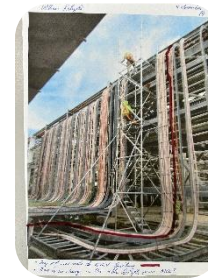
In the next the 2 years we plan on expanding our services and deliver the following renewable/solar energy projects Papua New Guinea:

- Over 10000 units of 100W Solar Kits, to 4 rural households,
- Between 10 to 20 Solar Mini Grid EPC Projects, ranging from 30kW to 500kW,
- Between 100 to 400 units of 5kW to 100kW individual Solar Systems, to Aid-post, health centers, schools, commercial entities, government agencies and households,
- Between 4 to 6 large commercial solar systems, ranging from 200kW to 2MW, in size.



# OUR SERVICES

## Solar and Renewable Energy



# OUR SERVICES

## Solar Streetlighting

TAG Energy began its solar streetlighting installations in Papua New Guinea in 2016 with our first project involving the installation of 10 solar streetlights for the Glory Development Group at Skyview Estate in Port Moresby, NCD. This initial project laid the foundation for our ongoing work in solar lighting solutions.

Since then, we have consistently expanded our reach and project scale year on year. As of today, we have installed over 400 solar streetlights across multiple provinces and districts, serving a diverse range of clients including government departments, NGOs, private companies, health centers, educational institutions, construction companies, and retail establishments, just to name a few.

Our diverse clientele range from significant government entities such as the National Capital District Commission (NCDC) and the PNG Defence Force to private sector businesses like BSP Banking Corporation and Pacific Adventist University. We have also partnered with NGOs and special purpose authorities like the Angore Special Purpose Authority.

TAG Energy's projects range from small-scale installations to larger deployments, while our Provincial and District reach spreads across various provinces including:

- o 80 solar streetlight installations in Milne Bay Province,
- o 41 solar streetlight installations in West Sepik Province
- o 81 solar streetlight installations in Oro Province
- o Over 50 solar streetlight installations in Port Moresby
- o 26 solar streetlight installations in the Central Province
- o 19 solar streetlight installations in Hela Province
- o 25 solar streetlight installations in the Western Highlands Province
- o 25 solar streetlight installations in Gulf Province
- o 4 solar streetlight installations in the Southern Highlands Province

TAG Energy plans to continue expanding its solar streetlighting projects across Papua New Guinea, with the goal of enhancing public infrastructure through sustainable energy solutions. We aim to reach more communities and organizations, ensuring widespread access to reliable and efficient solar lighting.





# OUR SERVICES

## Solar Streetlighting



# OUR SERVICES

## Public Streetlighting

In 2013, TAG Holding Ltd an affiliate of TAG Energy, began its first official service maintenance contract with the National Capital District Commission (NCDC), for the general upkeep of Port Moresby's City streetlights. In 2017, we were the first streetlighting company in Papua New Guinea to introduce LED streetlighting to the country, which led to the first LED streetlight road in PNG; the Kumul Flyover Road, from Gordons 5 to the National Airport in Port Moresby.

Since 2017, we have had seven (7) years of consecutive streetlight service maintenance agreements with NCDC, including our current one. Over time, our lights have reached other districts in PNG, including Oro, Western Highlands, Central and Samarai-Murua Districts.

While we are entrusted to maintain Port Moresby's streetlights (all major streets and roads), we also have significant accomplishments with respect to Streetlighting Projects. Below is a summary highlighting key statistics of what Key projects we have delivered in the last 12 years:

- Kumul Flyover Streetlighting Project
- Taurama Road Streetlighting Project
- 9 Mile to 17 Mile Streetlighting Project
- APEC Streetlighting Upgrade Project
- FIFIC Streetlighting Upgrade Project
- Ecolite Streetlighting Project (installing streetlights on PNG Power Distribution Poles)
- Popondetta Streetlighting Project
- Goroka Streetlighting Project

Our advanced research and development into energy efficient lighting, 12 years ago and over time, led to the establishment of our signature LED streetlight, the KC-Q2/3 module, and the CDM-T Ecolite streetlight. The widespread adoption of our streetlights in our tenor is a testament to their quality and reliability. Currently, they are the leading choice of streetlights in PNG. Our last 12 years sales statistics below depict this:

- LED Streetlight KC-Q2, 60W – Over 2,400 units sold
- LED Streetlight KC-Q3, 100W – Over 3,800 units sold
- LED Streetlight KC-Q2, 240W – Over 6,500 units sold
- Ecolite Streetlight CDM-T, 150W – Over 7,700 units sold



# OUR SERVICES

## Public Streetlighting



# OUR SERVICES

## High Voltage (HV) and Low Voltage (LV) Distribution Networks

TAG Energy in 2017 began investing in HV LV Distribution Network projects in Port Moresby. A significant introduction by TAG Energy, was the use of 'stress-spun' concrete poles. This was a significant departure by PNG Power from the traditional wood-treated and steel power poles. Our signature 10m and 12m steel re-forced, stress-spun, concrete HV LV Distribution Pole, which come with a 40-year warranty, are a fraction of the cost of comparative steel UC poles, and more importantly are fire and corrosion resistant.

Since 2017, we have had several significant HV LV Distribution Network projects. We typically perform these projects on behalf of Districts and Provincial Developmental Authorities, Commercial and Housing sub-division developers, City Councils and PNG Power Ltd. All HV LV Distribution Network projects are approved by PNG Power and constructed as per their standards and regulations. The project is always bound legally in the form of an MOA (memorandum of agreement) between the client, PNG Power, and the installer.

We specialize in the design, installation, reconstruction, relocation, rehabilitation, and maintenance of power distribution network systems. From overhead to underground HV LV work, our team ensures the seamless execution of transmission and distribution tasks.

Papua New Guinea's Power Distribution Networks needs to grow if we are to grow as a nation. Simply putting it, "access to energy in PNG and in the Pacific region, directly hinges on growth of their power distribution networks".



# OUR SERVICES

## High Voltage (HV) and Low Voltage (LV) Distribution Networks



# 03.

## OUR CLIENTS



# OUR CLIENTS

## Renewable and Solar Energy Clients

We have demonstrated our expertise across diverse sectors in Papua New Guinea, serving clients ranging from industrial giants to community organizations. TAG Energy has partnered with government bodies such as the Mineral Resources Authority (MRA) to deliver revolutionary solutions, to working with smaller community players such as Boregina's Health Centre and Samurai District Development Association where we installed solar systems and solar streetlights, respectively. Below are some of the solar and renewable energy clients that TAG Energy has worked with:

Ref	Client	
1	Puma Energy	
2	Aptech Africa	
3	Mineral Resources Authority	
4	National Information & Communications Technology Authority (NICTA)	
5	Australian Doctor's International	
6	PNG Sustainable Development Program	
7	MRL Capital	





Ref	Client	
8	DigicelPNG Foundation	
9	Ela Vista Apartments	
10	Papua Mission of SDA Church	
11	Department of Petroleum & Energy (DPE)	
12	Latter Day Saints Church	
13	CPL Stop N Shop Badili	
14	International Union of Conservation & Nature (IUCN)	



# OUR CLIENTS

## Solar Streetlighting Clients

TAG Energy Ltd has successfully installed over 600 solar streetlights, with plans to continue expanding and enhancing public infrastructure through sustainable energy solutions across Papua New Guinea. We aim to reach more communities and organizations, ensuring widespread access to reliable and efficient solar lighting. Below are streetlighting clients that TAG Energy has worked with:

Ref	Client	
1	National Capital District Commission (NCDC)	 National Capital District Commission
2	Western Highlands Provincial Government	
3	PNG Defence Force	
4	Ijivitari Open Electorate Oro Province	





Ref	Client	
5	Western Highlands Provincial Government	
6	BSP Banking Corporation	
7	Pacific Adventist University (PAU)	
8	Glory Development Group	



# OUR CLIENTS

## Public Streetlighting Clients

Since 2013, TAG Energy Ltd has installed over 2000 streetlights in the various regions across Papua New Guinea, with plans for growth in the coming years. Our footprint extends across the National Capital District and beyond, with projects encompassing maintenance, upgrades, and installations of various street lighting infrastructure. Below are streetlighting clients that TAG Energy has worked with:

Ref	Client	
1	National Capital District Commission (NCDC)	 National Capital District Commission
2	Dekenai Construction Ltd	
3	PNG Power Ltd (PPL)	
4	Hawkins (PNG) Ltd	

Ref	Client	
5	MobileWorks Limited	
6	National Airports Corporation (NAC)	
7	Global Construction Ltd	

# OUR CLIENTS

## High Voltage (HV) and Low Voltage (LV) Distribution Clients

TAG Energy Ltd continues to play a pivotal role in advancing power infrastructure across the country through its strategic partnerships with different institutional players such as PNG Power, the country's Power Authority, to deliver power in the most remote areas of the country; and private players such as Dekenai Construction Ltd to construct Distribution Powerlines and supplying and installing transformers for communities. Below are HV/LV Transmission & Distribution Powerline Construction clients that TAG Energy has worked with.

Ref	Client	
1	Dekenai Construction Ltd	
2	PNG Power Ltd	
3	Dei District Development Authority	
4	China Harbor Engineering Company (CHEC)	

Ref	Client	
5	Global Construction Ltd	
6	Comrade Trustee Services Limited	 CTSL Comrade Trustee Services Limited Papua New Guinea Phone: 7998 7900   Email: info@ctsl.com.pg
7	National Capital District Commission (NCDC)	 National Capital District Commission
8	Water PNG	

# 04.

## PROJECTS PORTFOLIO

“Projects are our lifeline; we understand project delivery in PNG’s business environment. Our focus is on understanding our clients' specific needs and addressing them efficiently!”



# RENEWABLE & SOLAR PROJECTS PORTFOLIO

## **PUMA Energy - Napa Napa Refinery** **307.8kW Solar and Diesel Hybrid PV System**

TAG Energy Ltd in collaboration with PUMA Energy, made a significant step towards sustainable energy practices in Papua New Guinea's industrial sector.

The Hybrid Solar PV System, with a capacity of 307.8 kilowatts, harnesses the power of solar energy to supplement the refinery's energy needs, reducing reliance on diesel generated energy sources and lowering carbon emissions.



# RENEWABLE & SOLAR PROJECTS PORTFOLIO

## PUMA Energy - Napa Napa Refinery

### 307.8kW Solar and Diesel Hybrid PV System (Images)



# RENEWABLE & SOLAR PROJECTS PORTFOLIO

## Mineral Resources Authority (MRA) 150kW Grid-Connected (Grid-Tied) Solar System

TAG Energy partnered with PNG Power Ltd to supply and install a 150kW Grid Connected Solar System at Mining Haus, in collaboration with the Mineral Resources Authority (MRA).

This project, the first PNG Power approved Grid Connected Solar System in the country, highlights TAG Energy's dedication to innovation and sustainability.



# RENEWABLE & SOLAR PROJECTS PORTFOLIO

## Mineral Resources Authority (MRA)

### 150kW Grid-Connected (Grid-Tied) Solar System (Images)



# RENEWABLE & SOLAR PROJECTS PORTFOLIO

## Completed Projects – Solar Systems

TAG Energy over the last decade has completed a significant number of renewable/solar energy projects throughout Papua New Guinea. In this period, we have supplied and installed approximately 4000 solar systems, ranging from 100W Solar Kits to 300kW Solar Hybrid PV Systems.

Ref	Client	Location	Scope of Work	Commission Date	Project Duration
1	Puma Energy	Napa Napa Refinery, Napa Napa, NCD	Supply & Installation of a 307.8kW Solar and Diesel Hybrid System	Nov 2023	3 Months
2	Aptech Africa	Nagum Secondary School, Wewak, East Sepik Province	Installation of 95.6kW Solar System with 267.3kWh Lithium BESS	Sep 2023	1 Month
3	Aptech Africa	Dagua Community Health Post, Wewak, East Sepik Province	Installation of 14kW Solar System with 43.2kWh Lithium BESS	Sep 2023	2 Weeks
4	Aptech Africa	Taul Health Centre, Wewak, East Sepik Province	Installation of 15.1kW Solar System with 43.2kWh Lithium BESS	Sep 2023	2 Weeks
5	Aptech Africa	Vanimo Secondary School, Vanimo, West Sepik Province	Supply & Installation of 88.6kW Solar System with a 243.0 kWh BESS	Nov 2023	1 Month
6	Aptech Africa	Don Bosco Technical School, Vanimo, West Sepik Province	Supply & Installation of 58.9kW Solar System with a 194.4kWh BESS	Nov 2023	1 Month
7	Boregaina Health Centre	Boregaina Village, Rigo District, Central Province	Supply and Installation of a 5kW Solar System with a 5.12kWh Lithium Battery Bank	Nov2022	1 Week
8	Boregaina Village	Boregaina Village, Rigo District, Central Province	Supply and Installation of a 10kW Solar System with a 15.6kWh Lithium Battery Bank	Nov2022	1 Week
9	Mineral Resources Authority	Mining Haus, Port Moresby, NCD	Design, Construction & Installation of a 150kW Solar Grid-Connected Solar System	Oct 2022	3 Months
10	National Information & Communications Technology Authority (NICTA)	Gabagaba Village, Central Province	Supply & Installation of One (1) 5kW Solar PV System with 5.2 kW Lithium Battery bank	Sep 2022	4 Days
11	Australian Doctor's International	Kavieng, New Ireland Province	Supply & Installation of One (1) 5kW Solar PV System with 9.6 kW Lithium Battery bank	Jun 2021	3 Days
12	Suambikum Village	Maprik District, East Sepik Province	Supply & Installation of One (1) 5kW Solar PV System with 14.4 kWh Lithium Battery Bank	Jun 2021	1 Week
13	Angore Special Purpose Authority	Tari, Hela Province	Supply & Installation of Two (2) 5kW Solar PV System with 9.6 kWh Lithium Battery Bank	Jul 2021	1 Week





# RENEWABLE & SOLAR PROJECTS PORTFOLIO

## Completed Projects – Solar Systems

(...continued)

Ref	Client	Location	Scope of Work	Commission Date	Project Duration
14	Nagop Village	Lialibu District, Southern Highlands Province	Supply & Installation of One (1) 5kW Solar PV System with 9.6 kWh Lithium Battery Bank	Apr 2021	4 Days
15	PNG Sustainable Development Program	Western Highlands Province	Supply & Installation of Thirty (30) 1kW Solar PV Off Grid Systems	Mar 2021	2 Months
16	MRL Capital	Lihir Island, New Ireland Province	Supply & Installation of One (1) 6kW Solar PV System with 9.6kW Lithium Battery bank and two (2) 3kW Solar PV Systems & Battery Bank	Jan 2020	2 Weeks
17	Samarai Murua District Development Authority	Misima Island, Milne Bay Province	Installation of One (1) 7kW Solar PV Off-Grid System	Feb 2020	1 Month
18	Samarai Murua District Development Authority	Misima Island, Milne Bay Province	Installation of Ten (10) 1kW Solar PV Off-Grid System & Four (4) 20kW Solar PV Off Grid Systems	May 2019	3 Months
19	Digicel PNG Foundation	Western Province	Supply & Installation of Eight (8) 1kW Solar PV Off-Grid Systems	Sep 2018	4 Days
20	Ela Vista Apartments	Ela Beach, National Capital District	Supply & Installation of One (1) 1kW All-in-one Solar PV Off-Grid System	Jul 2018	2 Days
21	Angore Special Purpose Authority	Tari, Hela Province	Supply & Installation of One (1) 3kW Solar PV Off-Grid System with Battery Bank.	Nov 2017	2 Days
22	Angore Special Purpose Authority	Tari, Hela Province	Supply & Installation of Two (2) 11kW Solar PV Off-Grid Systems with Battery Bank	Oct 2017	5 Days
23	Papua Mission of SDA Church	Kikori Station, Kikori District, Gulf Province	Supply & Installation of One (1) 3kW PV Solar off Grid System & Battery Bank	Mar 2016	3 Days
24	Department of Petroleum & Energy (DPE)/International Union of Conservation & Nature (IUCN)	Mananakele Village, Central Province	Supply & Installation of 290 Solar Systems (50W) in 290 Village Houses	Nov 2015	3 Months
25	Latter Day Saints Church	Hiritano Highway, Central Province	Supply and Installation of One (1) 1.5kW Off Grid System with Battery Bank	Feb 2015	2 Days
26	CPL Stop N Shop Badili	Badili, Port Moresby, NCD	Installation of a Grid- Tied 230kW On-Grid Solar System	August 2014	2 Months



# RENEWABLE & SOLAR PROJECTS PORTFOLIO

## *Pictures of Completed Solar Streetlighting Work*

TAG Energy has installed solar systems in most of Papua New Guinea's provinces and districts, specifically the Southern Highlands Province, Western Highlands Province, Central Province, East New Britain, Autonomous Region of Bougainville, Samarai Murua District, Popondetta, and the National Capital District.



# SOLAR STREETLIGHTING PORTFOLIO

## Maprik District, East Sepik Province

### Supply & Installation of Eighty (21) 60W Solar Streetlights

Recently in 2024, TAG Energy installed twenty-one (21) solar streetlights across the district of Maprik in East Sepik Province.

This exercise saw Markets, Health Centre's, Schools, and Churches, just to name a few, becoming illuminated for the first time where they would have had to wait for PNG Power to reach the area.



# SOLAR STREETLIGHTING PORTFOLIO

## Maprik District, East Sepik Province

### Supply & Installation of Eighty (21) 60W Solar Streetlights (Images)



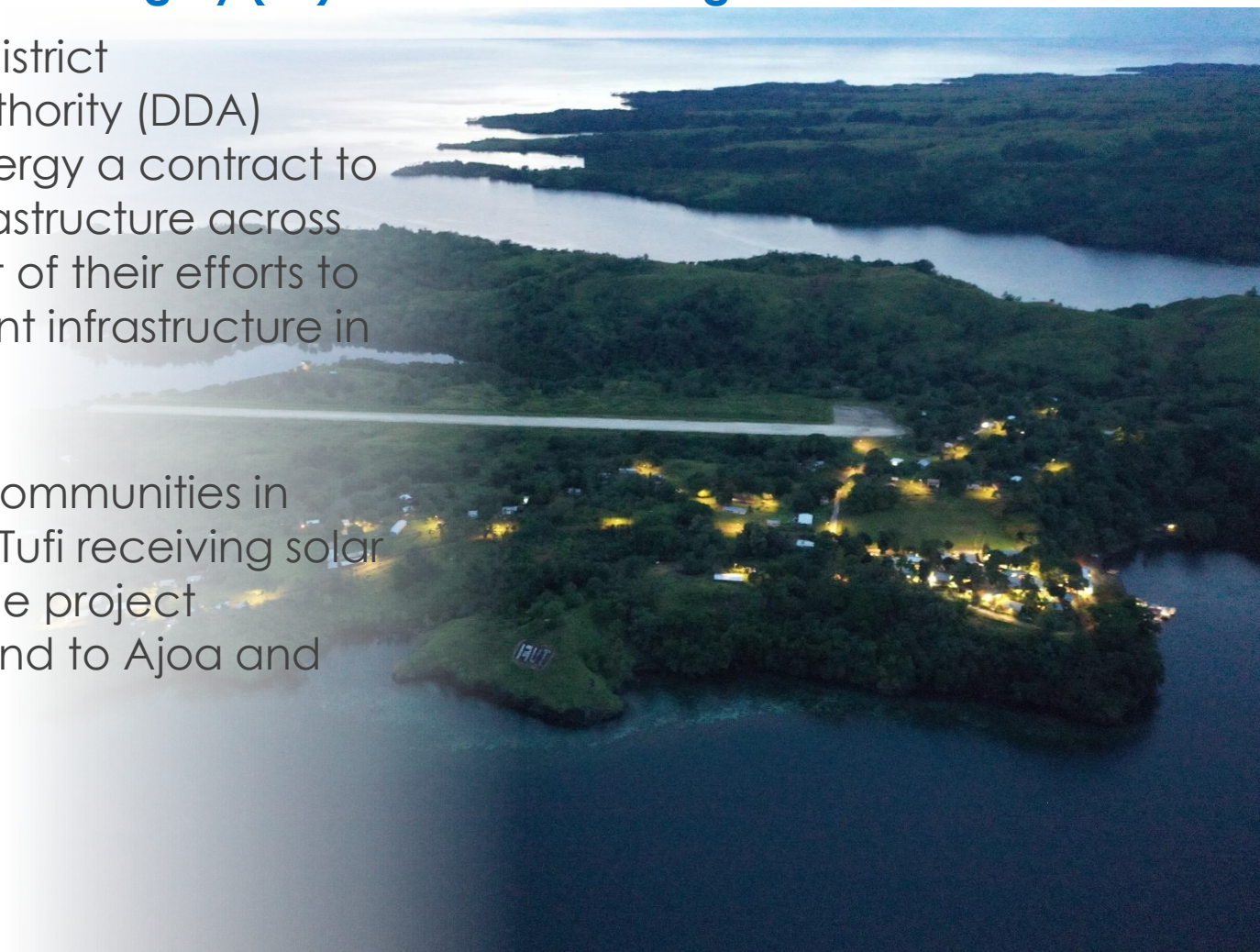
# SOLAR STREETLIGHTING PORTFOLIO

## Ijivitari Open Electorate

### Supply & Installation of Eighty (80) 60W Solar Streetlights

In 2020, Ijivitari's District Development Authority (DDA) awarded TAG Energy a contract to install lighting infrastructure across the district as part of their efforts to upgrade important infrastructure in the district.

This project saw communities in Popondetta and Tufi receiving solar streetlights with the project expected to extend to Ajoa and Wanigela.



# SOLAR STREETLIGHTING PORTFOLIO

## Ijivitari Open Electorate

### Supply & Installation of Eighty (80) 60W Solar Streetlights (Images)



# SOLAR STREETLIGHTING PORTFOLIO

## Samarai Murua District Development Authority Supply & Installation of Eighty (80) 60W Solar Streetlights

TAG Energy was awarded a contract in 2019 by the Samarai Murua District Development Authority (DDA) to enhance essential services for the community by supplying and installing 60W solar streetlights.

With over 80 solar streetlights now illuminating the area, residents have experienced a significant improvement in both safety, thanks to the increased visibility provided by the streetlights, and productivity as businesses can now stay open later.



# SOLAR STREETLIGHTING PORTFOLIO

**Samarai Murua District Development Authority**

**Supply & Installation of Eighty (80) 60W Solar Streetlights (Images)**





# SOLAR STREETLIGHTING PORTFOLIO

## Completed Projects – Solar Streetlighting

TAG Energy has completed several major solar streetlight installations across Papua New Guinea, with plans to expand our reach to ensure that we light up the entire country. Below is a list of completed solar streetlight installations.

Ref	Client	Location	Scope of Work	Commission Date	Project Duration
1	Suambukum Village	Maprik District, West Sepik Province	Supply & Installation of Twenty-one (21) X 60W Solar Streetlights	May 2024	2 Weeks
2	Samarai Murua District Development Authority	Misima Island, Milne Bay Province	Supply & Installation of Forty (40) X 60W Solar Streetlights	Nov 2022	2 Weeks
3	Dekenai	Department of Works, Waigani, Port Moresby	Supply & Installation of Six (6) X 60W Solar Streetlights	Oct 2022	4 Days
4	Boregaina Village	Boregaina Village, Rigo District, Central Province	Supply & Installation of 9 (Nine) X 60W Solar Streetlights	Oct 2022	4 Days
5	National Capital District Commission (NCDC)	Koura Way, NCD	Supply & Installation of Eight (8) X 60W Solar Streetlights	Aug 2022	3 Days
6	Mt. Diamond	Bautama Village, Central Province	Supply & Installation of Seven (7) X 60W Solar Streetlights	Aug 2022	3 Days
7	PNG Defence Force	Air Transport Wing, Port Moresby, NCD	Supply & Installation of Twelve (12) X 60W Solar Streetlights	Aug 2022	5 Days
8	Bautama Village	Bautama Village, Central Province	Supply & Installation of Ten (10) X 60W Solar Streetlights	Mar 2022	4 Days
9	Western Highlands Provincial Government	Mt. Hagen, Western Highlands Province	Supply & Installation of Twenty-Five (25) X 60W Solar Streetlights	Jan 2022	1 Week
10	Ijivitari Open Electorate	Ijivitari District, Oro Province	Supply & Installation of Thirty (30) X 60W Solar Streetlights	Nov 2021	3 Weeks
11	Angore Special Purpose Authority	Tari, Hela Province	Supply & Installation of Four (4) X 60W Solar Streetlights	June 2021	3 Days
12	Suambukum Village	Maprik District, West Sepik Province	Supply & Installation of Twenty (20) X 60W Solar Streetlights	Jun 2021	1 Week
14	Samarai Murua District Development Authority	Misima Island, Milne Bay Province	Supply & Installation of Twenty-Five (25) X 60W Solar Streetlights	May 2021	1 Week
15	Ijivitari Open Electorate	Tufi Station, Oro Province	Supply & Installation of Thirty (30) X 60W Solar Streetlights	Mar 2021	1 Month
16	Nagop Village	Lialibu District, Southern Highlands Province	Supply & Installation of Four (4) X 60W Solar Streetlights	April 2021	3 Days



# SOLAR STREETLIGHTING PORTFOLIO



## Completed Projects – Solar Streetlighting

(...continued)

Ref	Client	Location	Scope of Work	Commission Date	Project Duration
17	Ijivitari Open Electorate	Popondetta Town, Oro Province	Supply & Installation of Twenty-One (21) X 60W Solar Streetlights	April 2020	1 Week
18	Samarai Murua District Development Authority	Misima Island, Milne Bay Province	Supply & Installation of Fifteen (15) X 60W Solar Streetlights	May 2019	1 Week
19	Kerema Open Electorate	Kerema District, Gulf Province	Supply & Installation of Twenty-Five (25) x 60W Solar Streetlights	Mar 2019	3 Weeks
20	Angore Special Purpose Authority	Tari, Hela Province	Supply & Installation of Fifteen (15) X 60W Solar Streetlights	Oct 2017	1 Week
21	BSP Banking Corporation	Waigani Branch, Waigani, Port Moresby NCD	Supply & Installation of Six (6) X 60W Solar Streetlights	Mar 2017	2 Weeks
22	Pacific Adventist University (PAU)	14 Mile, NCD	Supply & Installation of Seven (7) X 60W Solar Streetlights	Sep 2016	4 Weeks
23	Glory Development Group	Skyview Estate, Port Moresby, NCD	Supply & Installation of Ten (10) X 60W Solar Streetlights	Feb 2016	4 Weeks



# SOLAR STREETLIGHTING PORTFOLIO

## Pictures of Completed Solar Streetlighting Works

Our solar streetlights can be found dotted across Papua New Guinea's regions both in urban and rural areas. Below are images of completed TAG Energy installations.



# SOLAR STREETLIGHTING PORTFOLIO

## Pictures of Completed Solar Streetlighting Works

(...continued)



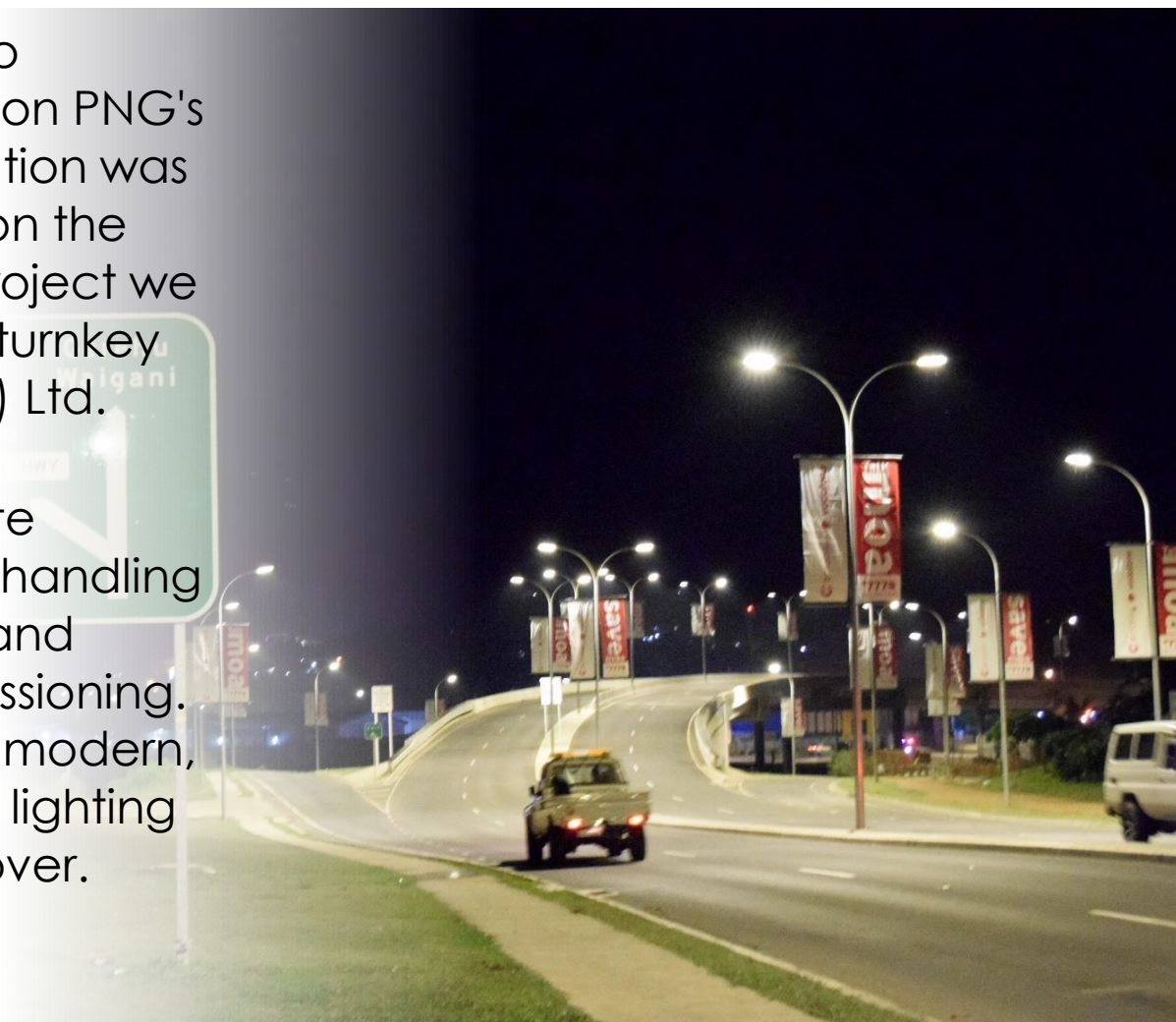
# PUBLIC STREETLIGHTING PORTFOLIO

## Hawkins (PNG) Ltd

### Kumul Flyover Streetlighting Project

TAG Energy was the first to introduce LED streetlights on PNG's roadways. The first installation was done in November 2014 on the iconic Kumul Flyover, a project we delivered as a complete turnkey solution for Hawkins (PNG) Ltd.

TAG Energy took complete ownership of the project, handling every stage from design and installation to final commissioning. Our approach ensured a modern, efficient, and long-lasting lighting solution for the Kumul Flyover.



# PUBLIC STREETLIGHTING PORTFOLIO

Hawkins (PNG) Ltd

Kumul Flyover Streetlighting Project (Images)



# PUBLIC STREETLIGHTING PORTFOLIO

## Mobile Works Limited (MWL)

### 9 Mile to 14 Mile Road Streetlighting Project

Mobile Works Limited (MWL), a major construction company in Papua New Guinean, subcontracted TAG Energy to install modern and efficient lighting infrastructure along the 9 Mile to 14 Mile stretch of road.

This collaboration ensured the successful supply and installation of 232 streetlight poles and 412 of our council-approved KCQ3 LED streetlights.



# PUBLIC STREETLIGHTING PORTFOLIO

## Mobile Works Limited (MWL)

### 9 Mile to 14 Mile Road Streetlighting Project (Images)





# PUBLIC STREETLIGHTING PORTFOLIO

## Completed Projects – Streetlighting

For the past eight (8) years, major streetlighting works for TAG Energy have focused on general maintenance of street lighting infrastructure around the capital's district on behalf of the National Capital District Commission (NCDC). We have also upgraded many of the city's legacy infrastructure such as the replacement of old induction with the newer and more energy efficient 150W Ecolite streetlight.

Ref	Client	Location	Scope of Work	Commission Date	Project Duration
1	National Capital District Commission (NCDC)	National Capital District	General Street Light Maintenance	Dec 2023	1 Year
2	National Capital District Commission (NCDC)	Moresby South	Supply & Installation of 100 Street Lights with Ecolite Street Lights (150W)	Jul 2023	12 Days
3	National Capital District Commission (NCDC)	FIFIC Event, Port Moresby CBD, NCD	Supply & Installation of LED Street Lights	May 2023	1 Week
4	National Capital District Commission (NCDC)	East Boroko	Supply & Installation of 92 Street Lights with Ecolite Street Lights (150W)	Mar 2023	10 Days
5	National Capital District Commission (NCDC)	Waigani Precinct	Supply & Installation of Ecolites Street Lights and Street Light Poles	Aug 2023	2 Months
6	National Capital District Commission (NCDC)	National Capital District	General Street Light Maintenance	Dec 2022	1 Year
7	Mobile Works Ltd (MWL)	9-Mile to 14-Mile, NCD	Supply & Installation of LED Streetlights (412 pcs) and Street Light Poles (232 pcs) – Turnkey Project	Dec 2022	8 Months
8	National Capital District Commission (NCDC)	Kokobara Street (Kumul flyover)	Supply & Install of Knocked down poles	Feb 2022	1 Week
9	National Capital District Commission (NCDC)	Pore porena Freeway	Supply & Install of Knocked down poles	Feb 2022	1 Week
10	National Capital District Commission (NCDC)	Gerehu Stage 2B	Supply & Installation of 167 Street Lights with Ecolite Street Lights (150W)	Feb 2022	2 Months
11	National Capital District Commission (NCDC)	Gerehu Stage 3B	Supply & Installation of 87 Street Lights with Ecolite Street Lights (150W)	Feb 2022	8 Days
12	National Capital District Commission (NCDC)	National Capital District	General Street Light Maintenance	Dec 2021	1 Year
13	National Capital District Commission (NCDC)	Boulevard & Independence Drive	Stringing Of Aerial Cable for the Street Lights	Sep 2021	1 Week
14	National Capital District Commission (NCDC)	NCDC	Supply of 350 Ecolite Street Lights (150W)	Jan 2021	2 months



# PUBLIC STREETLIGHTING PORTFOLIO



## Completed Projects – Streetlighting

(...continued)

Ref	Client	Location	Scope of Work	Commission Date	Project Duration
15	National Capital District Commission (NCDC)	National Capital District	General Street Light Maintenance	Dec 2020	1 Year
16	National Capital District Commission (NCDC)	Boulevard & Independence Drive	Replacement of Underground Cable	Sep 2020	1 Week
17	National Capital District Commission (NCDC)	Ensis Valley, National Capital District	Supply & Installation of 98 Street Lights with Ecolite Street Lights (150W)	Aug 2020	10 Days
18	National Capital District Commission (NCDC)	Port Moresby CBD, NCD	Supply of 350 Ecolite Street Lights (150W)	Jul 2020	2 months
19	National Capital District Commission (NCDC)	Port Moresby CBD, NCD	Supply of 650 Ecolite Street Lights (150W)	May 2020	2 months
20	National Capital District Commission (NCDC)	National Capital District	General Street Light Maintenance	Dec 2019	1 Year
21	Ijivitari District Development Authority	Popondetta Town, Oro Province	Supply & Installation of Ecolite Streetlights (230 pcs) – Turnkey Project	Dec 2019	3 Months
22	National Capital District Commission (NCDC)	Korobosea, Boroko, Tokarara	Supply & Installation of 360 Ecolite Street Lights (150W)	Nov 2019	1 Month
23	National Capital District Commission (NCDC)	Gordons New Market	Supply and Install Flood lights and Street Lights	Sep 2019	3 Weeks
24	National Capital District Commission (NCDC)	National Capital District	Supply and Installation of 400 Ecolites	Oct 2019	2 Months
25	National Capital District Commission (NCDC)	Erima, Gordons, Tokarara,	Supply & Installation of 134 Ecolite Street Lights (150W)	Oct 2019	15 Days
26	National Capital District Commission (NCDC)	Pore poren, Freeway	Replacement of Damage Street Lights	Jun 2019	1 Week
27	National Capital District Commission (NCDC)	Port Moresby CBD, NCD	Supply of 600 Ecolite Street Lights (150W)	Jun 2019	2 months
28	National Capital District Commission (NCDC)	National Capital District	General Street Light Maintenance	Dec 2018	1 Year
29	National Capital District Commission (NCDC)	APEC Summit, Port Moresby CBD, NCD	Supply & Installation of LED Streetlights (580 pcs) – Turnkey Project	Nov 2018	2 Months



# PUBLIC STREETLIGHTING PORTFOLIO



## Completed Projects – Streetlighting

(...continued)

Ref	Client	Location	Scope of Work	Commission Date	Project Duration
30	National Capital District Commission (NCDC)	National Capital District	Supply and Installation of 580 Ecolites	Jun 2018	3 Months
31	National Capital District Commission (NCDC)	National Capital District	Supply and Installation of 400 Ecolites	May 2018	2 Months
32	National Capital District Commission (NCDC)	National Capital District	General Street Lights Maintenance	Dec 2017	1 Year
33	Global Construction Ltd	Taurama Rd, NCD	Supply & Installation of LED Streetlights (367 pcs) and Street Light Poles (142 pcs) – Turnkey Project	Nov 2017	9 Months
34	National Capital District Commission (NCDC)	Baruni to 9 Mile Round about NCDC	Replacement of Underground 16mm 4C+E Orange Circular Cable, 12 Kms	Jul 2017	1 ½ Months
35	PNG Power Ltd (PPL)	FIFA Tournament, NCD, Port Moresby	Supply & Installation of Tower Floodlights for Training Grounds (8 Training Fields)	Apr 2017	1 Month
36	Goroka District Development Authority	Goroka Town,	Supply & Installation of Ecolite Streetlights (100 pcs) – Turnkey Project	Feb 2016	2 Months
37	Hawkins (PNG) Ltd	Kumul Flyover Rd, NCD	Supply & Installation of LED Streetlights (120 pcs) and Street Light Poles (85 pcs) – Turnkey Project	Nov 2014	8 Months
38	National Airports Corporation (NAC)	Jackson Airport, NCD, Port Moresby	Supply & Installation of Ecolite Streetlights (50 pcs)	May 2014	1 Month

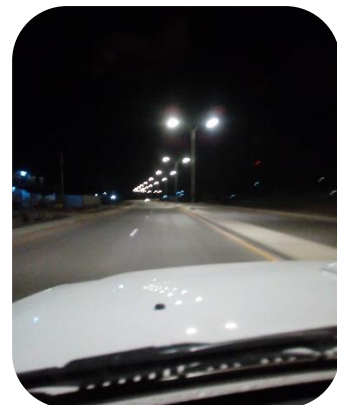


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# PUBLIC STREETLIGHTING PORTFOLIO

## Pictures of Completed Streetlighting Projects

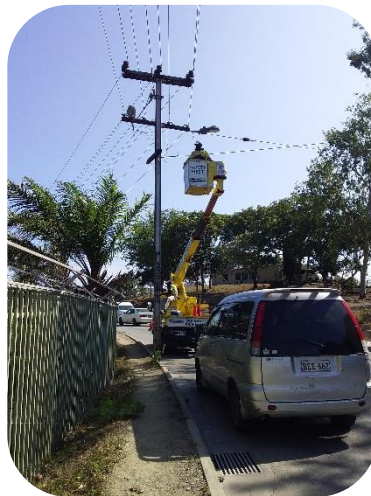
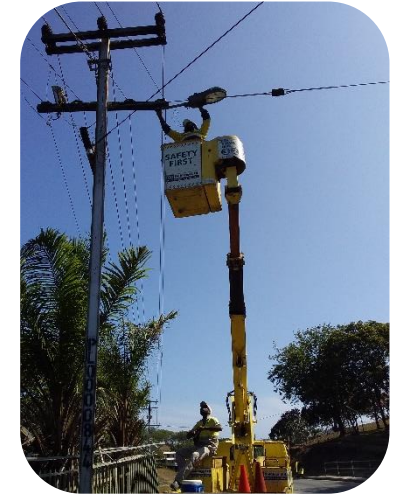
TAG Energy ensures that Port Moresby's lighting infrastructure remains functional through our general streetlight maintenance program with the National Capital District Commission (NCDC). We have also introduced the *innovative* Ecolite streetlights – a PNG Power approved cost-effective solution that eliminates the need for dedicated streetlight poles. This allows for the extension of lighting projects to even the most remote areas of the city at a significantly lower cost. The following images showcase our dedication to professionalism and innovative methods,



# PUBLIC STREETLIGHTING PORTFOLIO

## Pictures of Completed Streetlighting Projects

(...continued)



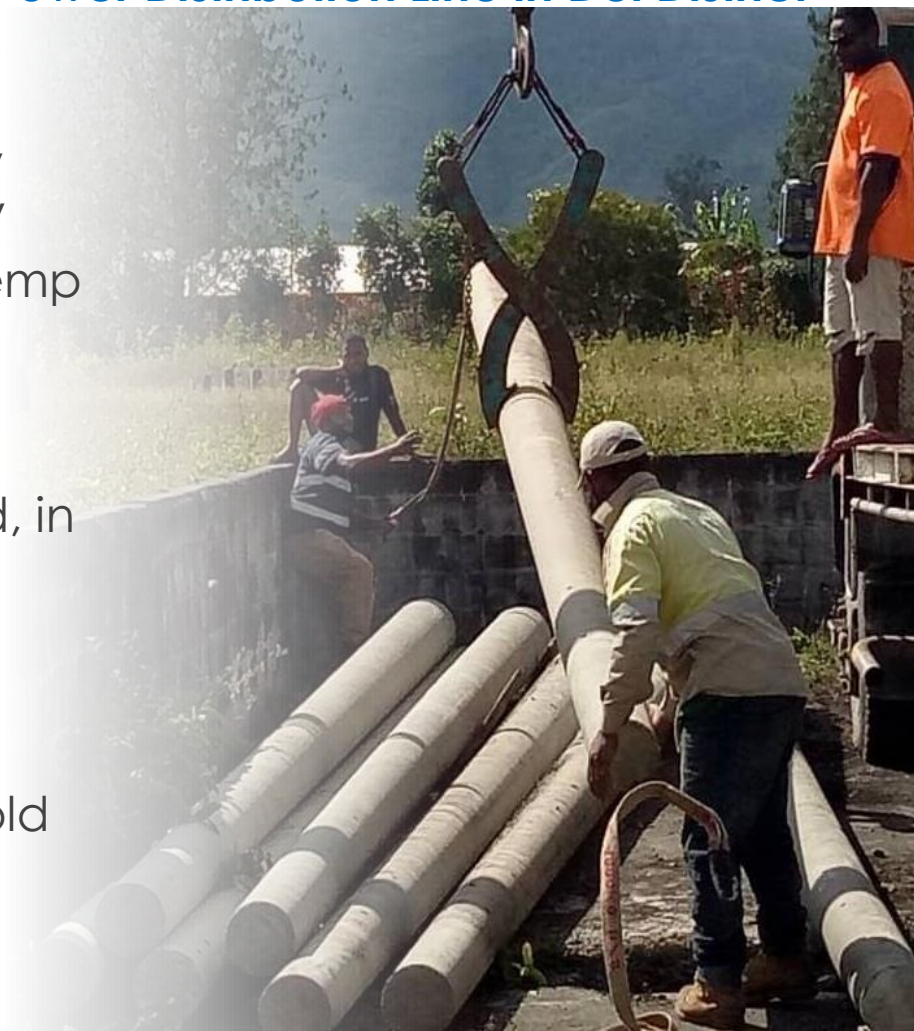
# HIGH VOLTAGE (HV) AND LOW VOLTAGE (LV) DISTRIBUTION NETWORKS PORTFOLIO

## DEI District Development Authority (DDA)

### Construction of 15kms of HV/LV 11kV Power Distribution Line in Dei District

In 2020, the Dei District Development Authority (DDA) entrusted TAG Energy Ltd to construct 15 kilometers of HV LV 11kV Distribution Powerline from Moitemp to Penga as part of the Rural Electrification Power Project aimed at providing electricity to over 30,000 residents in 15 villages along that road, in three (3) stages.

To date, TAG Energy has successfully constructed Stages 1 and 2, which is approximately 10kms. Stage 3 is on hold



# HIGH VOLTAGE (HV) AND LOW VOLTAGE (LV) DISTRIBUTION NETWORKS PORTFOLIO

DEI District Development Authority (DDA)

Construction of 15kms of HV/LV 11kV Power Distribution Line in Dei District  
(images)



# HIGH VOLTAGE (HV) AND LOW VOLTAGE (LV) DISTRIBUTION NETWORKS PORTFOLIO

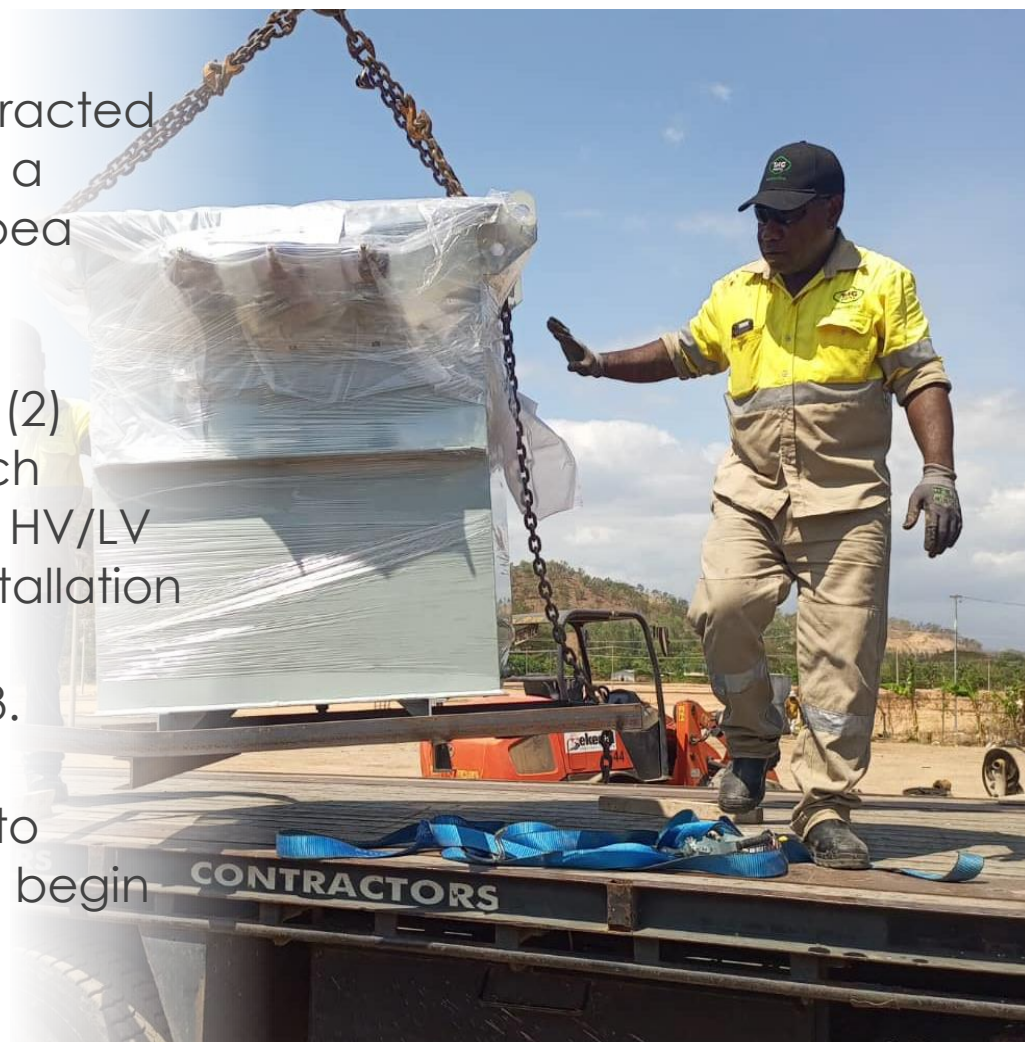
## Dekenai Construction Ltd

### Construction of Stage 2A, 2.6km HV LV Distribution Powerline at Toea Homes Subdivision, in Taurama

In 2023, TAG Energy was subcontracted by Dekenai Construction to build a HV/LV Distribution Powerline at Toea Homes Subdivision, in Taurama.

The project was divided into two (2) stages, 2A and 2B. Stage 2A which includes construction of 2.6km of HV/LV Distribution Powerline and the installation of a 500kVA transformer, was commissioned in December 2023.

We are currently subcontracted to construct Stage 2B and works will begin soon.





# HIGH VOLTAGE (HV) AND LOW VOLTAGE (LV) DISTRIBUTION NETWORKS PORTFOLIO

Dekenai Construction Ltd

Construction of Stage 2A, 2.6km HV LV Distribution Powerline at Toea Homes  
Subdivision, in Taurama (Images)



# HIGH VOLTAGE (HV) AND LOW VOLTAGE (LV) DISTRIBUTION NETWORKS PORTFOLIO

## Completed Projects – High Voltage (HV) and Low Voltage (LV) Distribution Networks

TAG Energy has partnered with several clients on various projects. These clients include government agencies to construction companies and global corporations. The scope of TAG Energy's work includes construction and installation of HV/LV distribution lines and transformers. Below is a list of completed installations.

Ref	Client	Location	Scope of Work	Commission Date	Project Duration
1	Dekenai Construction Ltd	Toea Homes, Taurama Subdivision, NCD	Taurama Stage 2B - Construction of 1.4kms HV/LV 11kV Distribution Line, Supply & installation of one (1) 500kVa Transformer	Ongoing Project	2 Months (est.)
2	PNG Power Ltd	Girua Airport to Guguma Village, Oro Province	Construction of 4kms HV/LV 11kV Distribution Line, Supply & installation of one (1) 25kVa Transformer	Ongoing Project	3 Months (est.)
3	Dekenai Construction Ltd	Toea Homes, Taurama Subdivision, NCD	Taurama Stage 2A - Construction of 1.2kms HV/LV 11kV Distribution Line, Supply & installation of one (1) 500kVa Transformer	Dec 2023	3 Months
4	Dei District Development Authority (DDA)	Moitemp to Kenembo Village, Dei District Council, WH Province	Stage 1 - Construction of 6.7kms HV/LV 11kV Distribution Line, Supply & installation of five (5) 25kVa Transformers	Jul 2021	6 Months
5	Dei District Development Authority (DDA)	Kenembo to Penga Village, Dei District Council, WH Province	Stage 2 - Construction of 5.1kms HV/LV 11kV Distribution Line, Supply & installation of three (3) 25kVa Transformers	Mar 2022	4 Months
6	Dei District Development Authority (DDA)	Penga to Kitip Village, Dei District Council, WH Province	Stage 3 - Construction of 3.2kms HV/LV 11kV Distribution Line, Supply & installation of three (3) 25kVa Transformers	Project Suspended – Civil Unrest	
7	China Harbour Engineering Company (CHEC)	Ela Beach Park, Ela Beach, NCD	Relocation of 11kV HV Line from Overhead (1.5kms) to Underground, Supply & installation of one (1) 500kVa Kiosk Transformer & 11kV CCCF RMU	Nov 2017	1 Month
8	Global Construction Ltd	Taurama Bypass Rd, NCD	Construction of 2.3kms HV/LV 22kV Distribution Line, Supply & installation of three (3) 25kVa Transformers	Oct 2017	1 Month



# HIGH VOLTAGE (HV) AND LOW VOLTAGE (LV) DISTRIBUTION NETWORKS PORTFOLIO

## *Pictures of Completed HV/LV Transmission & Distribution Powerline Construction Works*

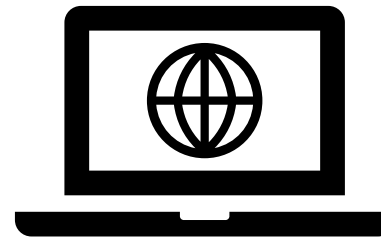
TAG Energy's successful commissioning of numerous HV / LV Construction Works highlights our capability of understanding various aspects of the planning and designing phase of projects, and taking full ownership of the construction, testing and commissioning phase of projects. Below are images of our team carrying out works for the construction of transmission and distribution powerlines:



# 05.

## CONTACT DETAILS

“Determined to grow our presence in Papua New Guinea and make a lasting impact on the country's energy future..”



## Conclusion

### We're Not Like "Others"... And Here's Why:

At TAG Energy Ltd, we prioritize providing our valued customers with efficient and effective energy solutions at competitive prices. Whether you have a small lighting need or a large-scale energy requirement, TAG has the expertise to design and deliver the perfect solution for you.


Our partnerships with leading renewable energy suppliers ensure you access technology that's perfectly suited for Papua New Guinea's climate. We rigorously test every product before offering it to you, guaranteeing quality and earning your trust. This commitment to excellence is why customers choose TAG Energy for value, quality workmanship, and exceptional service.

## Key Contacts

You can contact any of our key people below:

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