

Diversified Multi-Fuel Energy Park

Securing Energy Supply Reliability for PNG's Future & Prosperity

Lae Enviro Energy Plant (EEP) · Lowest cost IPP power generation on Ramu Grid · Only new project ready to go at 60MW with all approvals in place · Most reliable energy generation available on Ramu Grid · Scalability up to 200MW · Multi-Fuel Energy Park delivers immediate net environmental benefit of substantial improvement in local air quality & huge savings compared to current state
Delivers critical energy mix protection that PNG lacks – drought and earthquakes cripples hydro and gas

HERE ARE THE FACTS FOR LAE / RAMU GRID:

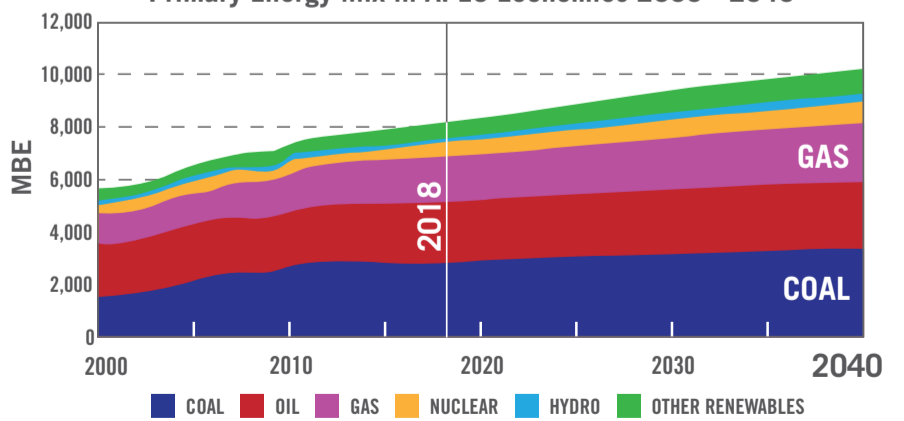
Ramu Grid / Lae Options	Average price < US10 cents/kWh	Multi- Fuel Energy Generation	Ready in 2 years	Income for Farmers	Decoupled fuel price commitment	Delivers on Climate Change Commitments	Co-generated Steam Benefit	Secure & Cheapest Fuel in Asia-Pacific
Mayur EEP (Electricity & steam co-gen)	✓	✓	✓	✓	✓	✓	✓	✓
PNG Power >50% DIESEL / HFO	✗	✗	Operational	✗	✗	✗	✗	✗
BIOMASS	✗	✗	✗	✓	N/A	✓	✗	✗
GAS (subsidised by Govt-Lost opportunity)	✗	✗	✗	✗	✓	✓	✗	✗
GAS (No govt subsidy)	✗	✗	✗	✗	✗	✓	✗	✗
HYDRO - Ramu-2 (Large Scale)	✗	✗	✗	✓	N/A	✓	✗	✓
HYDRO - Run-of river (Small Scale)	✗	✗	✗	✓	N/A	✓	✗	✓

CURRENT STATUS QUO



Current State Reliance on Diesel / HFO for Power Generation

COALS CONTINUED IMPORTANCE: Primary Energy Mix in APEC Economies 2000 - 2040



Source: International Energy Agency