

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

# ALTERN ENERGY LIMITED

CORPORATE BRIEFING SESSION-

22 November 2024

*Presented by:*

*Umer Shehzad, CEO*

# AEL POWER PLANT



# PROJECT INFORMATION

- Type Independent Power Producer
- Power Policy 1994 Power Policy
- Off-taker Central Power Purchasing Agency (Guarantee) Limited (CPPA-G); formerly WAPDA
  
- Location Kohat Road near Fateh Jang
- Commissioned 2008
  
- Financial Close Phase I – July 1996  
Phase II - Dec 2007
- Project Completion Phase I - June 2000  
Phase II - Sep 2008
  
- Major Contracts Power Purchase Agreement (PPA)  
Implementation Agreement (IA)  
Gas Supply Agreement (GSA)

# PLANT INFORMATION

- Capacity 31.2 MW at ISO conditions
- Technology IC Engines – simple cycle
- Fuel Natural Gas / RLNG
- Backup Fuel No provision
- Interconnection 66 kV via In-out transmission connected with Fateh jang and Jand Grid Stations
  
- Key Equipment 8 Gas-Fired engines (3.9 MW capacity each)  
TCG 2032 V16 model
- Manufacturer MWM (Formerly Deutz, Germany)
- Operating Hours 63,000 hrs.
- Exported Units 1,764,115 MWh
- Total Land 223 Kanals

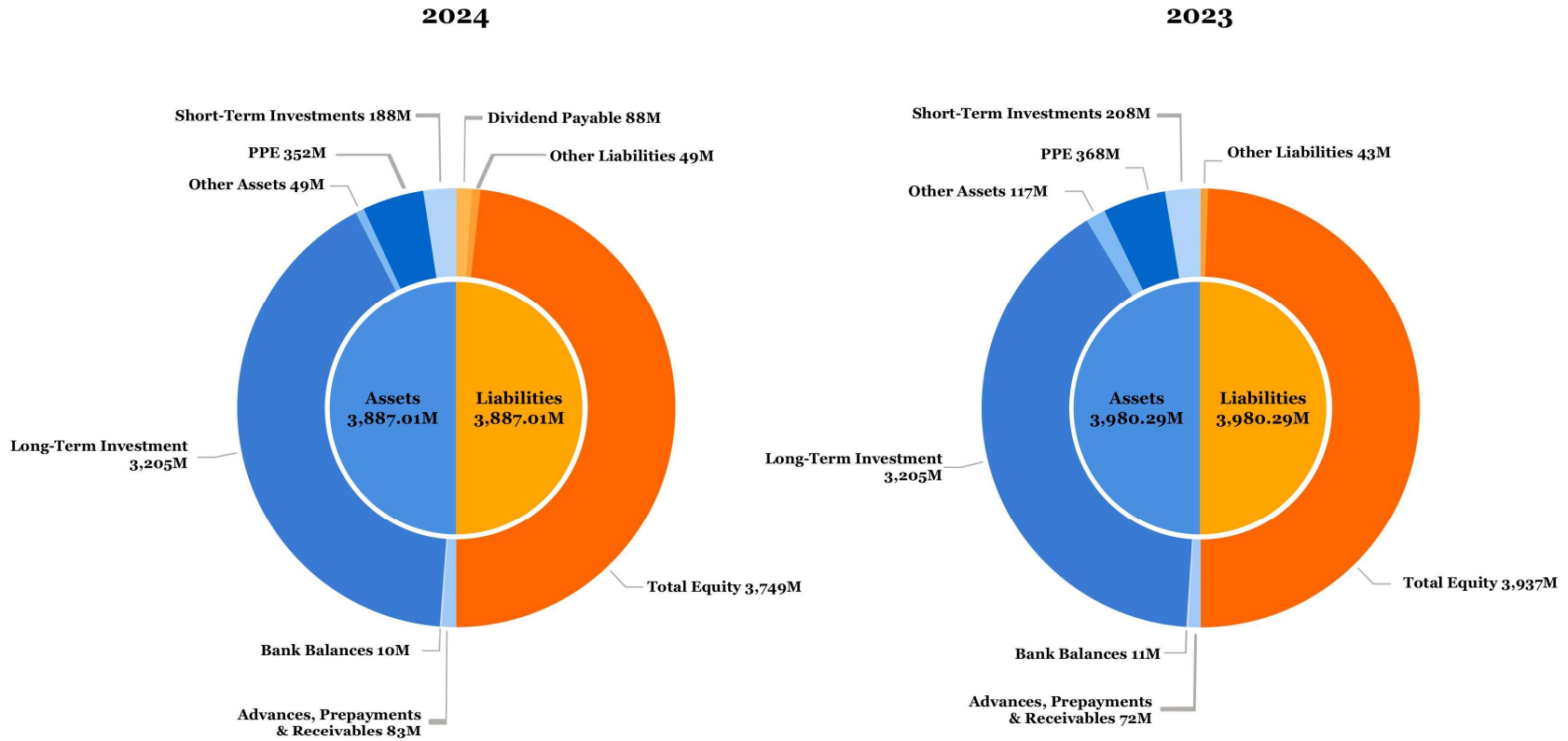
# FINANCIAL HIGHLIGHTS

(Rupees in Million)

Description	2023-24	2022-23	2021-2022	2020-2021	2019-2020	2018-2019
Despatch (MWH)	-	-	-	12,403	3,728	22,029
Revenue	-	17.46	1.06	204.10	116.80	474.16
Direct Cost	93.36	83.00	103.29	247.45	167.86	501.82
Gross Profit / (Loss)	(93.36)	(65.55)	(102.22)	(43.35)	(51.06)	(27.66)
Other Income	4,500.16	37.02	6,777.35	298	1,788.61	1,150.15
Net Profit / (loss)	4,336.31	(72.86)	6,615.97	(84.32)	1,689.62	954.82

# STATEMENT OF FINANCIAL POSITION 2023-2024

(Rupees in Million)



# REASONS FOR DECLINE IN OPERATIONAL INCOME

## ❖ Reduced dispatch demand from the off-taker

### ➤ Company's low position on economic dispatch merit order of CPPA-G

- Influx of new/ more efficient power plants in the national grid system in the last 4 years (approx.. 19,000 MW)
- Plant operations shifted on RLNG in September 2017 due to declining local gas resources.
- Increase in RLNG price during the last 2 years due to:
  - ✓ Pak Rupee devaluation against US\$
  - ✓ Increasing RLNG prices in international market



# MERIT ORDER SCENARIO

## Till Sep 2017

- Plant operations Local /indigenous gas
- Gas price Rs. 600 / MMBTU
- AEL's EPP price Rs. 5.92 / KWh
- AEL's merit order position 9

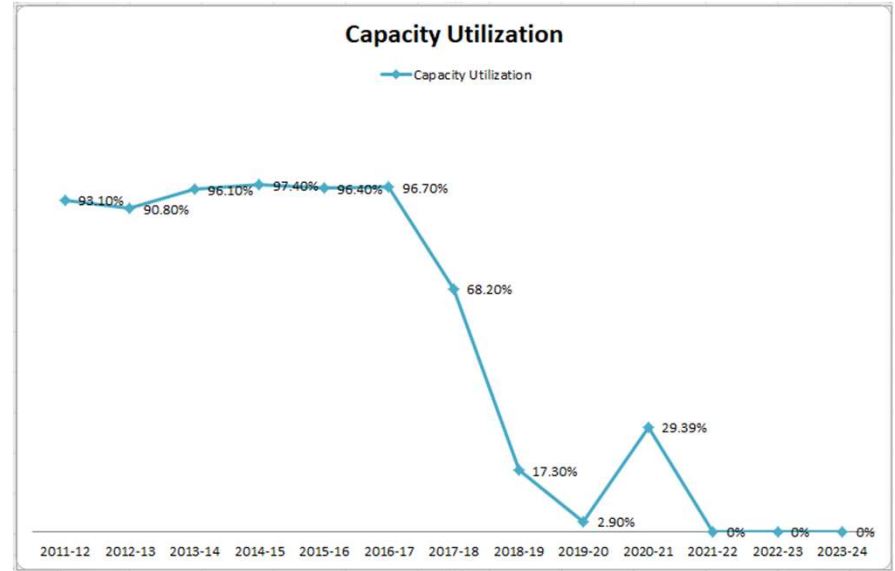
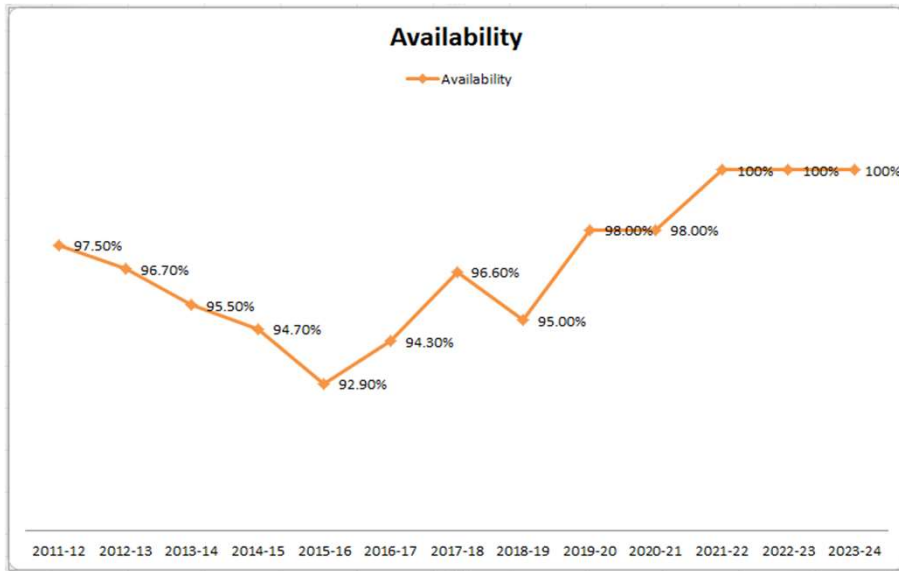
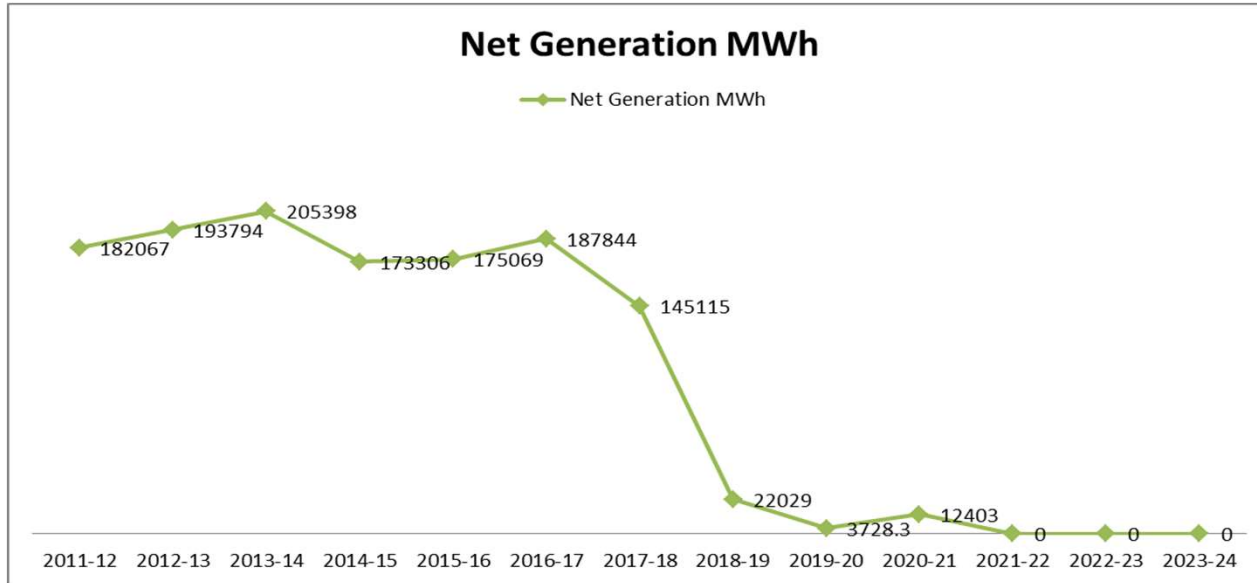
## Current Scenario

- Plant operations RLNG
- Current RLNG price Rs. 3,596 / MMBTU
- AEL's EPP price phase I= Rs. 42.56 / KWh  
Phase II = Rs. 33.65 / KWh
- AEL's merit order position 16.11.24  
Phase I = 51  
Phase II = 35

# KEY GENERATION DATA

YEAR	Net Generation MWh	Capacity Utilization	Availability
2011-12	182067	93.10%	97.5%
2012-13	193794	90.80%	96.70%
2013-14	205398	96.10%	95.5%
2014-15	173306	97.40%	94.7%
2015-16	175069	96.40%	92.9%
2016-17	187844	96.70%	94.3%
2017-18	145115	68.20%	96.6%
2018-19	22029	17.30%	95.00%
2019-20	3728.3	2.90%	98.00%
2020-21	12403	29.39%	98.00%
2021-22	0	0%	100%
2022-23	0	0%	100%
2023-24	0	0%	100%

# KEY GENERATION DATA



# COMPANY STRUCTURE

**AEL ( Public Listed)**

**100%**



**PMCL ( Private)**

**60%**



**RPPL ( Public Unlisted)**

# TERMINATION OF AGREEMENTS OF ROUSCH

On the request of the Government of Pakistan (“GoP:”), the subsidiary, Rousch, has signed a Negotiated Settlement Agreement to terminate its PPA, IA and the GoP Guarantee.

## **Salient Features of the Negotiated Settlement:**

- To terminate the Agreements, which were scheduled to expire in 2032, with effect from October 01, 2024.
- Receivables agreed between the parties as on September 30, 2024 , will be paid by Central Power Purchase Agency (Guarantee) Limited (“CPPA”) by December 31, 2024.
- RPPL shall hand over the Complex to the Government by December 31, 2024.

## WAY FORWARD FOR ALTERN

- *Explore the possibility of indigenous gas from gas fields.*
- *Availability of RLNG using the 'Third Party Access Rules'.*
- *Opportunities available as a whole-seller of electricity under the CTBCM regime in future*
- *Explore possibility of P 2 P sale of electricity by using the wheeling mechanism.*



**ANY**

**Questions**

**ALTERN ENERGY LIMITED**

**THANKYOU**

