



# Analyst Briefing

*Q3 FY2023 Results Announcement*

*27 November 2023*

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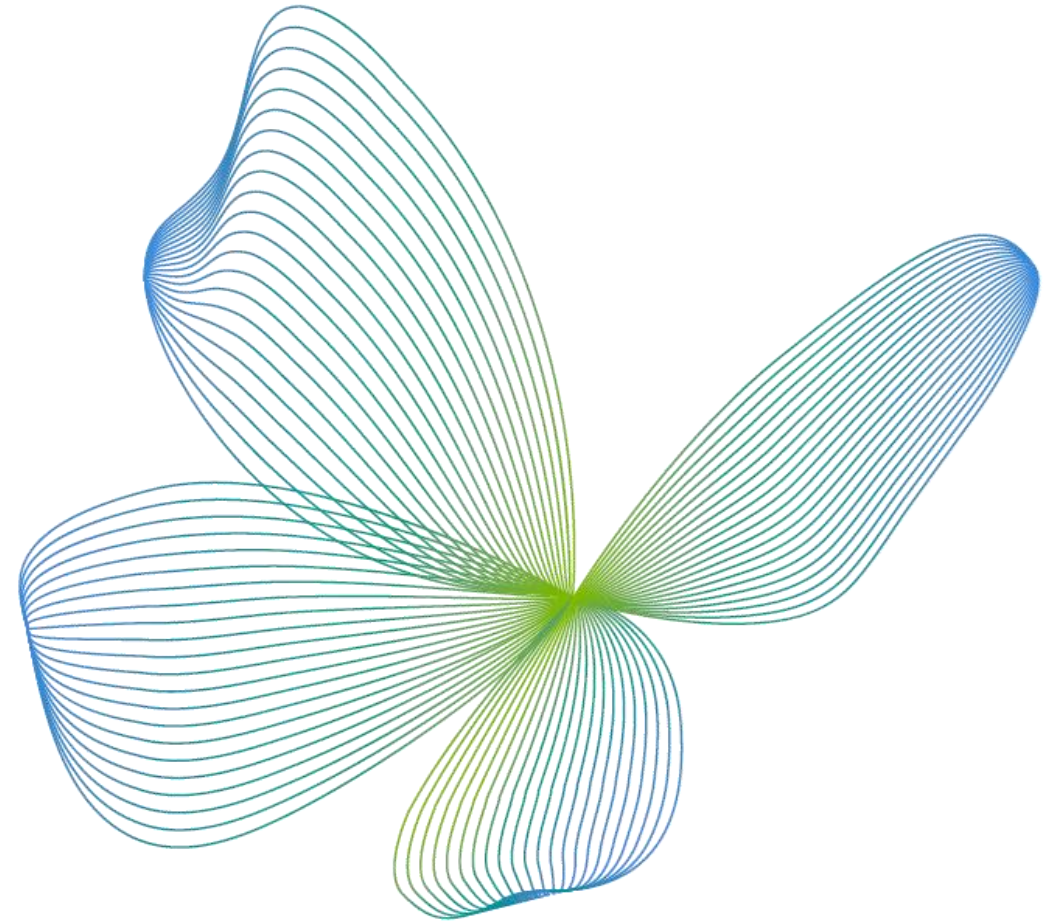
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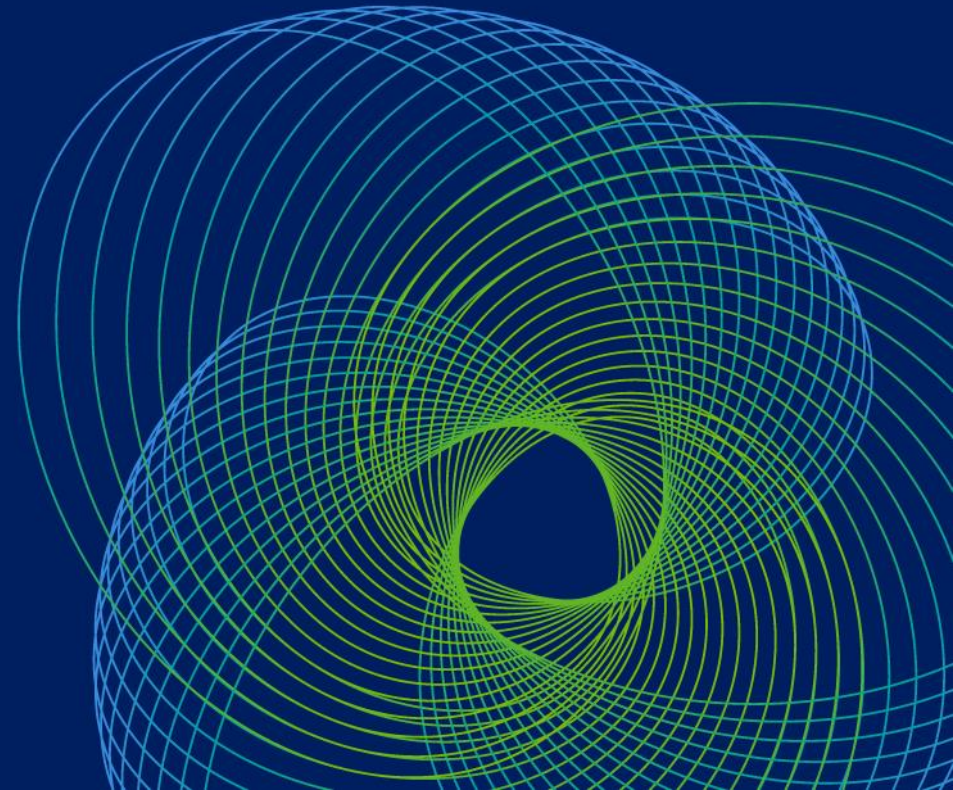
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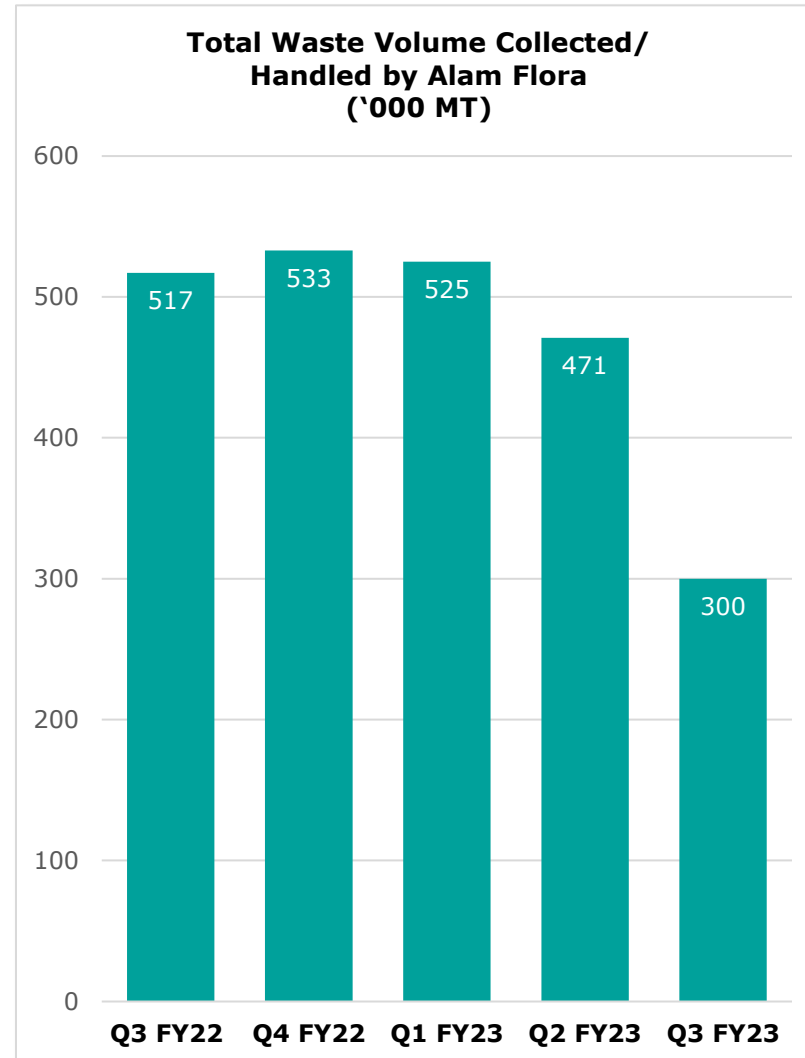
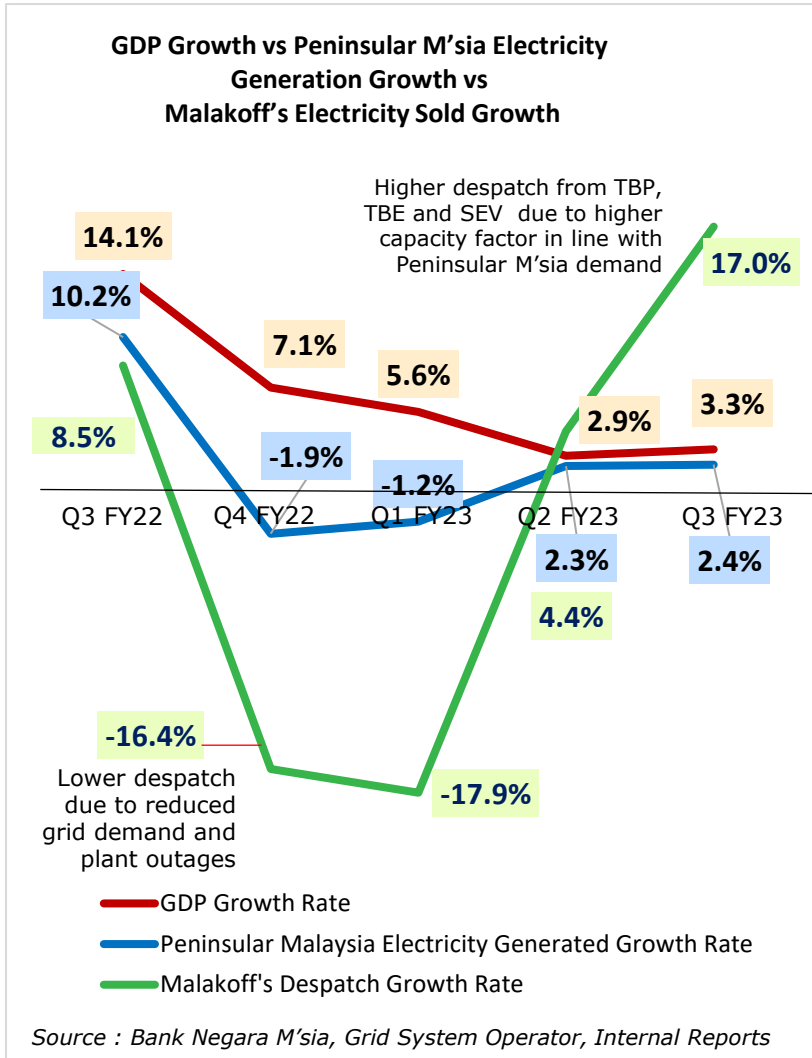


# Macroeconomic Review



# Electricity Generation & Waste Volume

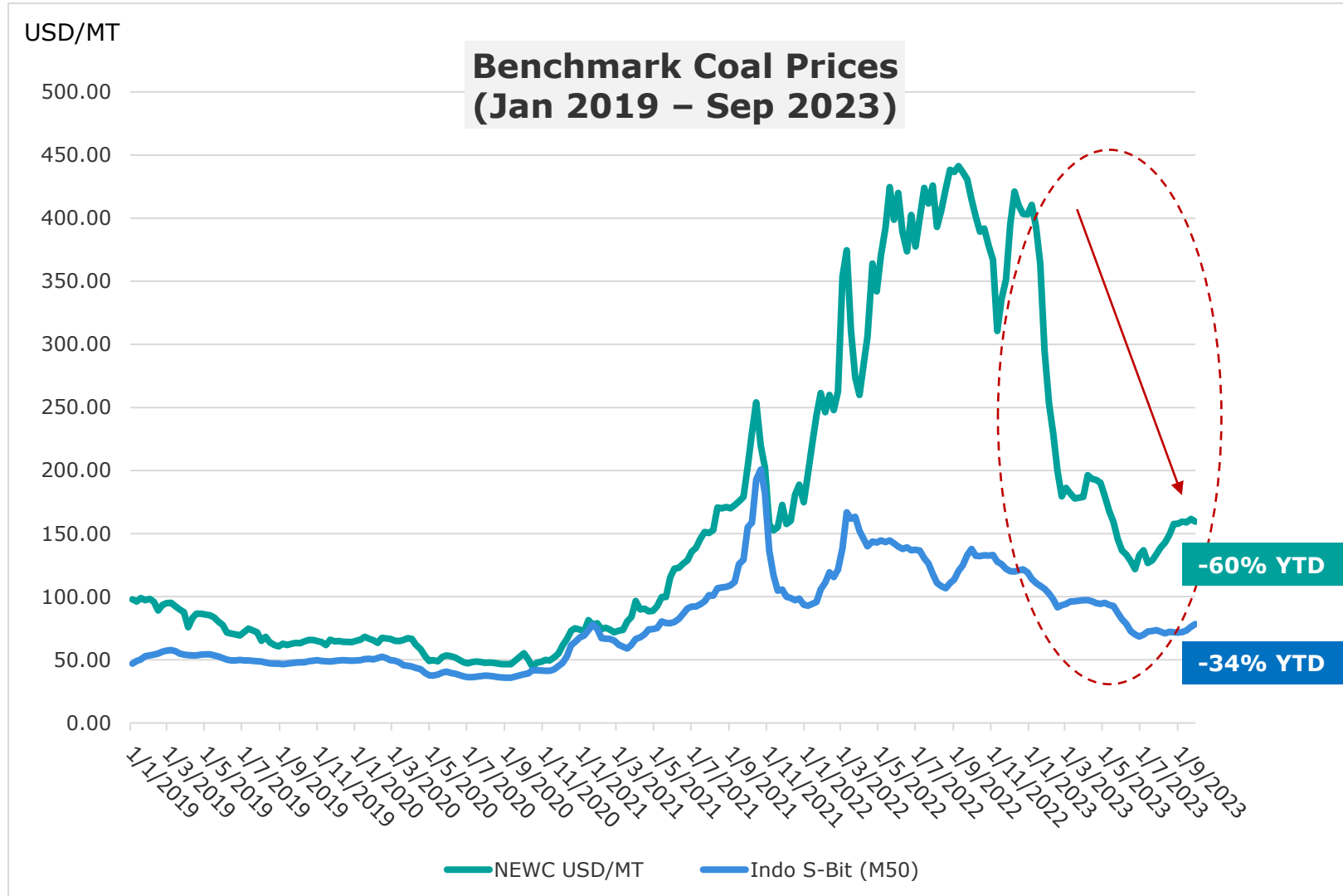
Peninsular Malaysia Electricity Despatch Growth Rate Sustained



In the period under review, the growth rate of electricity generation in Peninsular Malaysia was sustained compared to the previous quarter attributed to the ongoing economic recovery. Malakoff's despatch growth was significantly higher due to prevailing demand from thermal plants.

Total waste collected/handled by Alam Flora continued to be significant to the Group. Notwithstanding the overall decline due to reduced waste handled in the non-concession business, domestic waste in the concession business and recyclables increased by 7.1% and 21.5%, respectively.

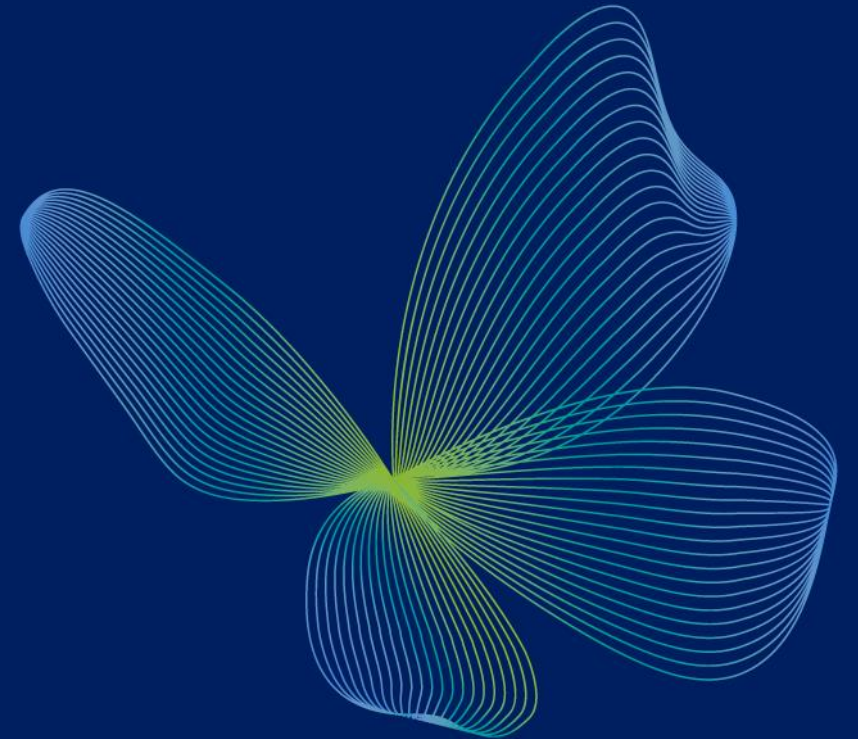
# Gradual Stabilisation in Benchmark Coal Prices



Indonesian sub-bituminous and Newcastle benchmark coal prices declined by 34% and 60% respectively (YTD Sep 2023), with the same trend reflected in the current Applicable Coal Price ("ACP"). However, global coal prices were seen to be stabilising in a range near USD150/tonne in Q3 2023.

**The Group expects negative overall FY2023 performance**, taking into consideration impacts from global coal prices. **Nonetheless, the Group will continue to optimize its plants' operational efficiencies to cushion the adverse impact.**

# Key Highlights



# Key Highlights of Q3 FY2023 Financial Results



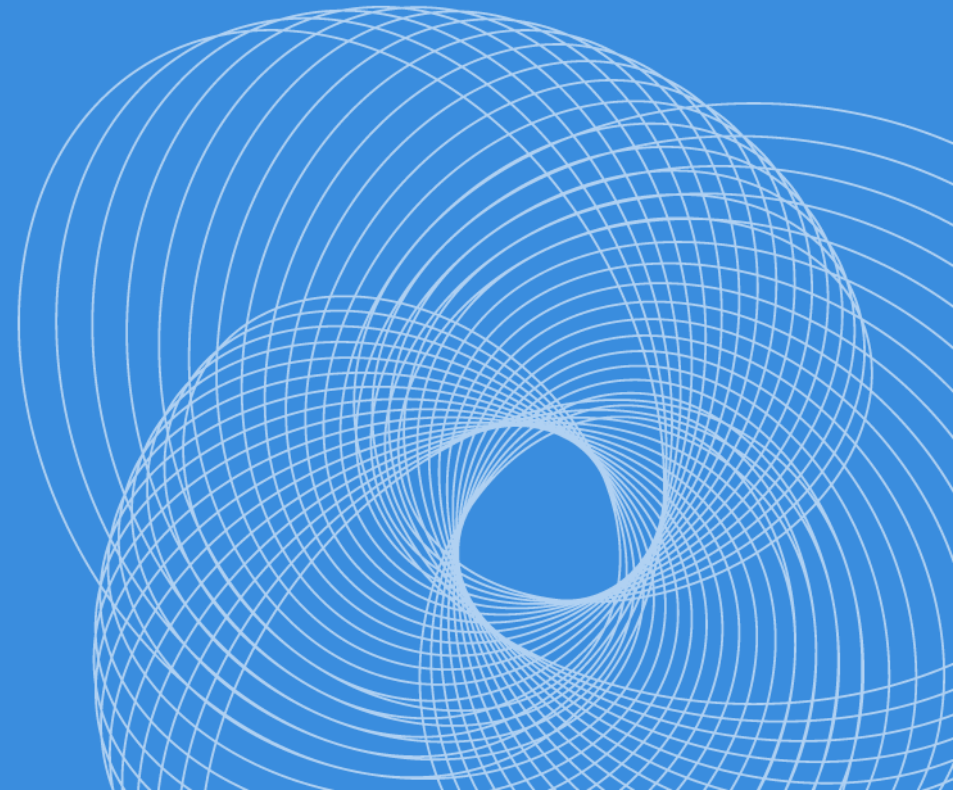
RM m

	Q3 FY2023	Q3 FY2022	YoY Change	9M FY2023	9M FY2022	YoY Change
Revenue	<b>2,154.5</b>	3,180.2	<b>- 32.3%</b>	<b>6,804.5</b>	7,382.4	<b>- 7.8%</b>
Results from Operating Activities	<b>(21.6)</b>	357.2	<b>- 106.0%</b>	<b>(361.1)</b>	814.8	<b>- 144.3%</b>
(LBT)/PBT	<b>(107.0)</b>	280.7	<b>- 138.1%</b>	<b>(645.1)</b>	575.4	<b>- 212.1%</b>
(LATMI)/PATMI	<b>(85.6)</b>	90.3	<b>- 194.8%</b>	<b>(480.0)</b>	260.4	<b>- 284.3%</b>
(LBITDA)/EBITDA	<b>301.2</b>	735.2	<b>- 59.0%</b>	<b>569.1</b>	1,955.9	<b>- 70.9%</b>
Basic/Diluted EPS (sen)	<b>(2.24)</b>	1.36	<b>- 264.7%</b>	<b>(10.79)</b>	4.36	<b>- 347.5%</b>

Note : EPS 2022 adjusted in accordance to the guidance provided by MFRS 133



# Operational Performance







# Thermal Power Generation (Local Assets)

## Q3 FY2023 PLANT PERFORMANCE REVIEW



### COAL-FIRED POWER PLANTS

- **TBP** recorded an increase in **Equivalent Availability Factor ("EAF")** from **82%** in Q2 FY2023 to **87%** in Q3 FY2023.
- **TBE** has observed a slight decrease in **EAF** from **98%** in Q2 FY2023 to **96%** in Q3 FY2023 due to minor unscheduled outage in July 2023.



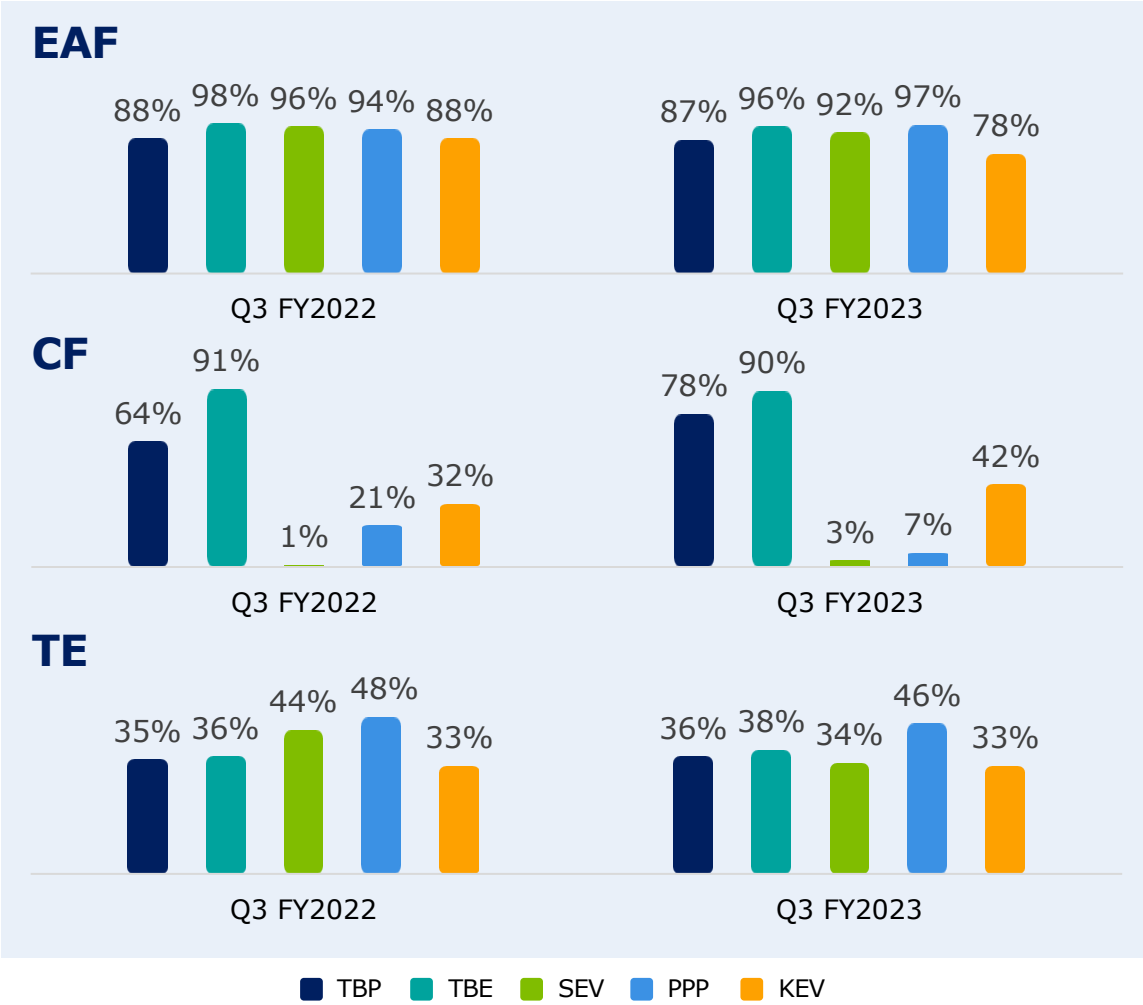
### GAS-FIRED POWER PLANTS

- **Gas fired power plants** recorded a generally **high EAF** during the quarter under review.
- It is observed that the **energy demand from the off-taker for the gas-fired plants was low but within the expected target.**



# Thermal Power Generation (Local Assets)

## Q3 FY2023 PLANT PERFORMANCE



### Q3 FY2023 vs Q3 FY2022

<b>TBP</b>	>	• <b>Slightly lower EAF</b> recorded due to <b>unscheduled outages.</b>
<b>TBE</b>	>	• <b>Slightly lower EAF</b> recorded due to <b>unscheduled outages.</b>
<b>SEV</b>	>	• <b>Lower EAF</b> recorded due to <b>scheduled outages.</b>
<b>PPP</b>	>	• <b>Higher EAF</b> recorded due to <b>low scheduled outage.</b>
<b>KEV</b>	>	• <b>Lower EAF recorded</b> due to <b>scheduled and unscheduled outages.</b>

Note : EAF - Equivalent Availability Factor, CF - Capacity Factor, TE - Thermal Efficiency



# Thermal Power Generation (Local Assets)

## Q3 FY2023 ELECTRICITY GENERATED & SOLD

Plant	Q3 FY2023			Q3 FY2022		
	Power Generated (GWh)	Electricity Sold (GWh)	% of Pen. Msia Electricity Generation*	Power Generated (GWh)	Electricity Sold (GWh)	% of Pen. Msia Electricity Generation*
Tanjung Bin Power (TBP)	3,785.52	3,595.77	10.53%	3,186.69	2,996.68	8.74%
Tanjung Bin Energy (TBE)	2,096.22	1,995.90	5.84%	2,002.18	1,891.22	5.52%
Segari Energy Ventures (SEV)	76.22	75.14	0.22%	24.37	22.64	0.07%
Prai Power Plant (PPP)	54.12	52.77	0.15%	165.04	161.78	0.47%
<b>Total (Excluding KEV)</b>	<b>6,012.08</b>	<b>5,719.58</b>	<b>16.74%</b>	<b>5,378.28</b>	<b>5,072.32</b>	<b>14.80%</b>
Kapar Energy Ventures (KEV)	2,086.53	1,939.89	5.68%	1,722.19	1,452.01	4.24%
<b>Total (Including KEV)</b>	<b>8,098.61</b>	<b>7,659.47</b>	<b>22.42%</b>	<b>7,100.47</b>	<b>6,524.33</b>	<b>19.03%</b>

\*Energy Sold / Peninsular Malaysia's System Generation

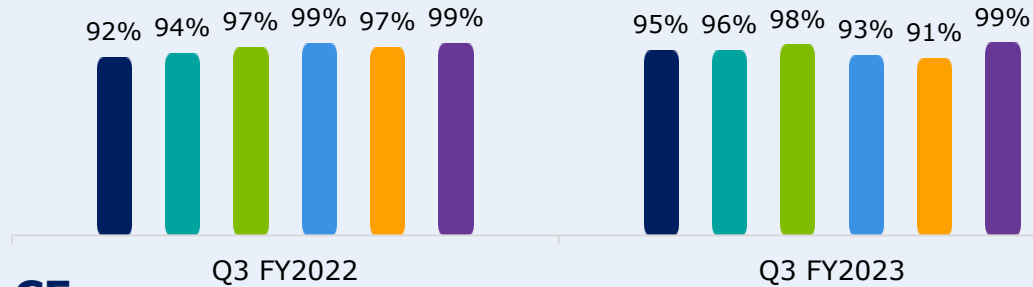
Source: Grid System Operator (GSO) Website



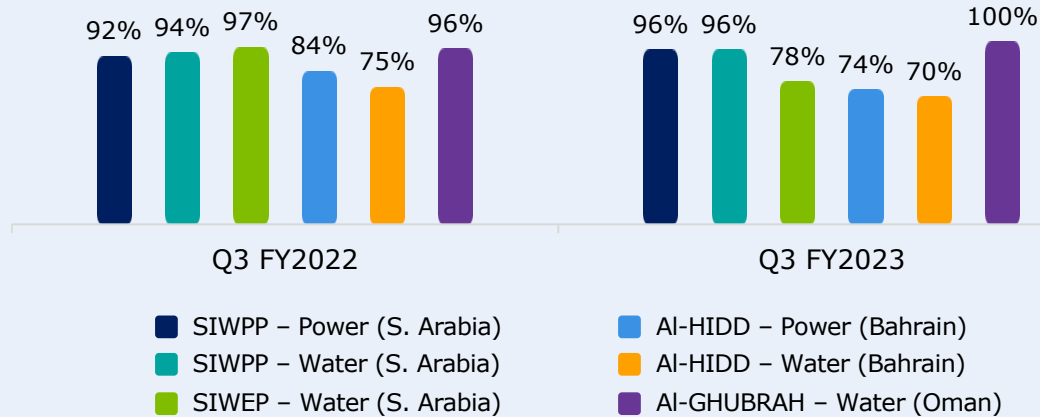
# Thermal Power Generation & Water Desalination (International Assets)

## Q3 FY2023 PLANT PERFORMANCE

### EAF



### CF



## Q3 FY2023 vs Q3 FY2022

**Shuaibah Phase III IWPP**  
(Shuaibah Water & Electricity Company, SWEC)

- **Sustainable performance** in Q3 FY2023 performance despite brine heater and boiler tube leak events as well as maintenance and equipment repair work.

**Shuaibah Phase III Expansion IWP**  
(Shuaibah Expansion Project Company, SEPCO)

- **Sustainable performance** in Q3 FY2023 despite maintenance works, shutdown for repair work, dispatch instruction and deration.

**AL HIDD IWPP**  
(HIDD Power Company, HPC)

- **Decline** in Q3 FY2023 performance due to Phase 1 seawater header pipe failure, gas turbine C-inspection and trips, steam and turbine operation mode restrictions, HRSG issues, and MED equipment repair work.

**AL GHUBRAH IWP**  
(Muscat City Desalination Company)

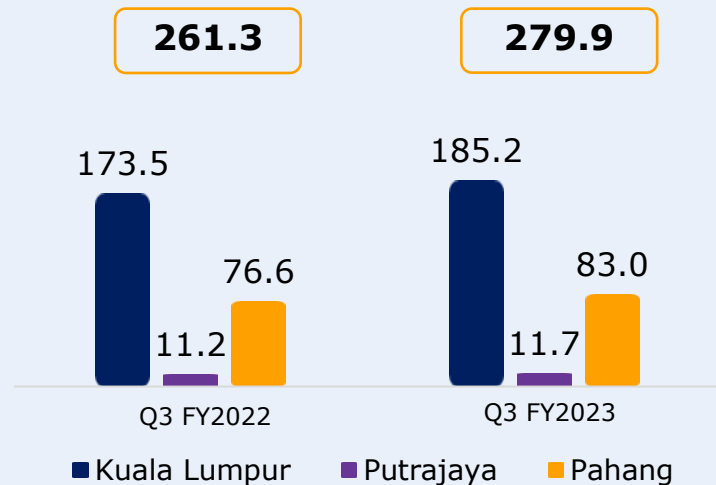
- **Sustainable performance** in Q3 FY2023 despite algae bloom attack.



# Environmental Solutions

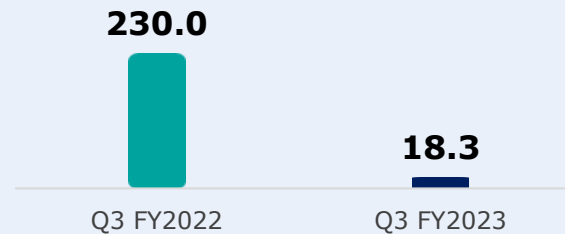
## Q3 FY2023 OPERATIONAL PERFORMANCE

### Waste Collected (Concession) (‘000 MT)



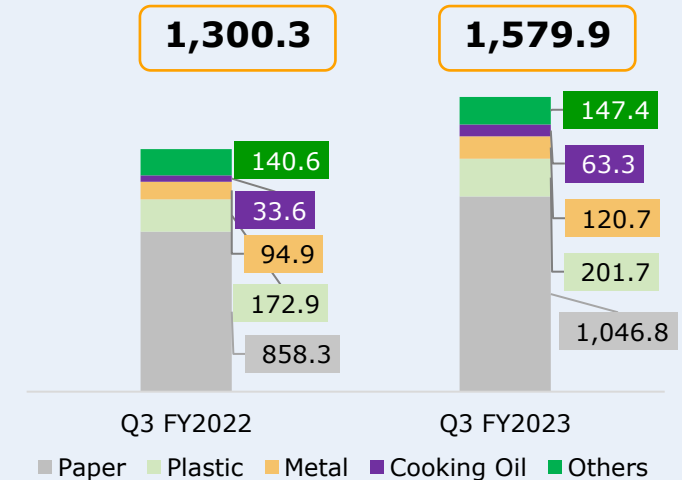
- Domestic waste collected in KL, Pahang & Putrajaya **increased in Q3 FY2023 (+7.1%)** to a total of **279.9k tonnes** as compared to the corresponding quarter.
- The increase was mainly due to **higher waste generated** in the concession areas.

### Waste Handled (Non-Concession) (‘000 MT)



- Waste Handled **reported a reduction of 92.0%** in Q3 FY2023 against the corresponding quarter.
- The **reduction** was mainly due to a **decrease in waste handled in the non-concession business.**

### Recyclable Material Collected (Tonnes)



- **Higher Recyclable Material Collected (+21.5%)** was mainly due to the **higher waste collected** and the **implementation of a new buyback centre in Pahang.**



# Financial Performance



# Revenue, LBT & LATMI (Q3 FY2023)

## Revenue

RM m



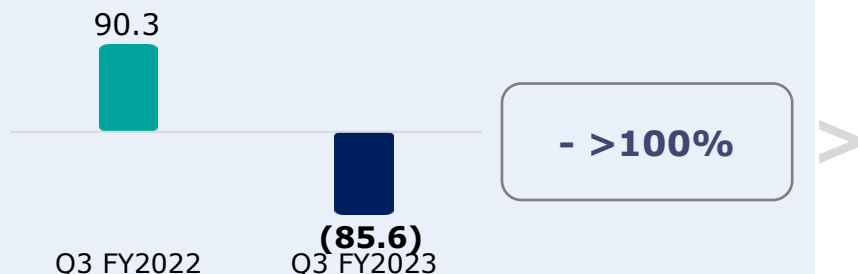
## PBT/(LBT)

RM m



## PATMI/(LATMI)

RM m



### Revenue Decrease:

- **Lower energy payment from TBP and TBE plants** impacted by decline in Applicable Coal Price ("ACP").
- **Absence of revenue contribution from GB3** following the expiry of its PPA on 30 December 2022.

### Increase in LBT & LATMI:

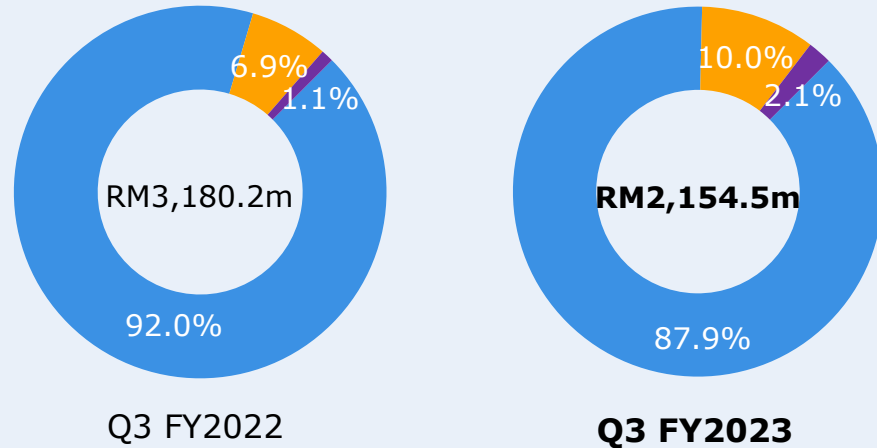
- **Continued negative fuel margin** recorded at TBP and TBE coal plants impacted by higher weighted average fuel costs.
- **Lower contribution from GB3** following the expiry of PPA.
- Lower share of profit from associates and JV.

Partially moderated by:

- **Absence of impairment loss on HPC**, a 40%-foreign associate.

# Revenue Mix (Q3 FY2023)

## Revenue



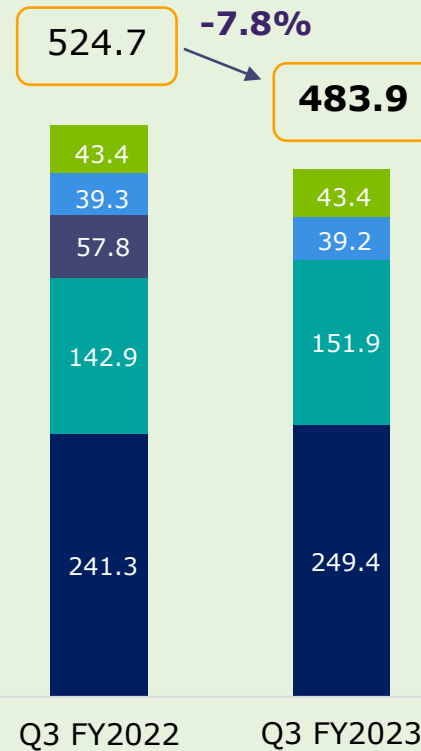
Q3 FY2022

Q3 FY2023

- Power Generation & Distribution  
*Capacity income + Energy Income + Daily Utilisation Payment*
- Waste Management & Environmental Services
- Others  
*Rental Income + Project Management Fees + O&M Fees + Malakoff Utilities Sdn. Bhd. ("MUSB")*

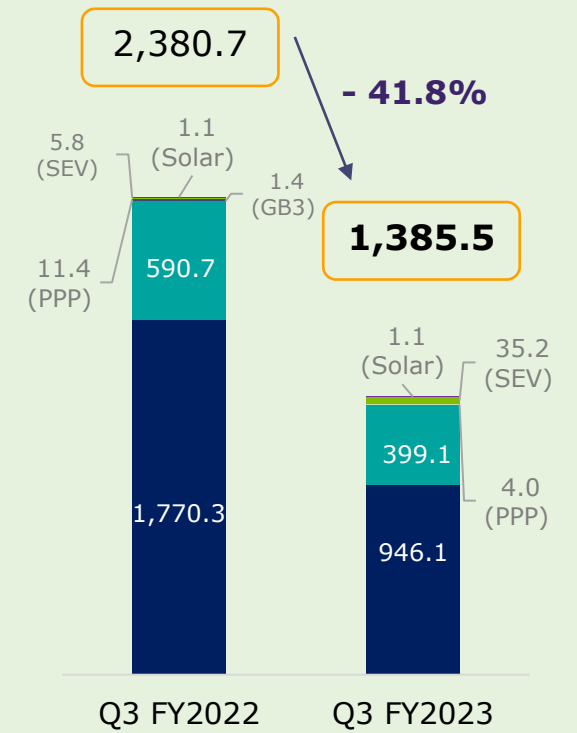
## Capacity Income

RM m



## Energy Income

RM m

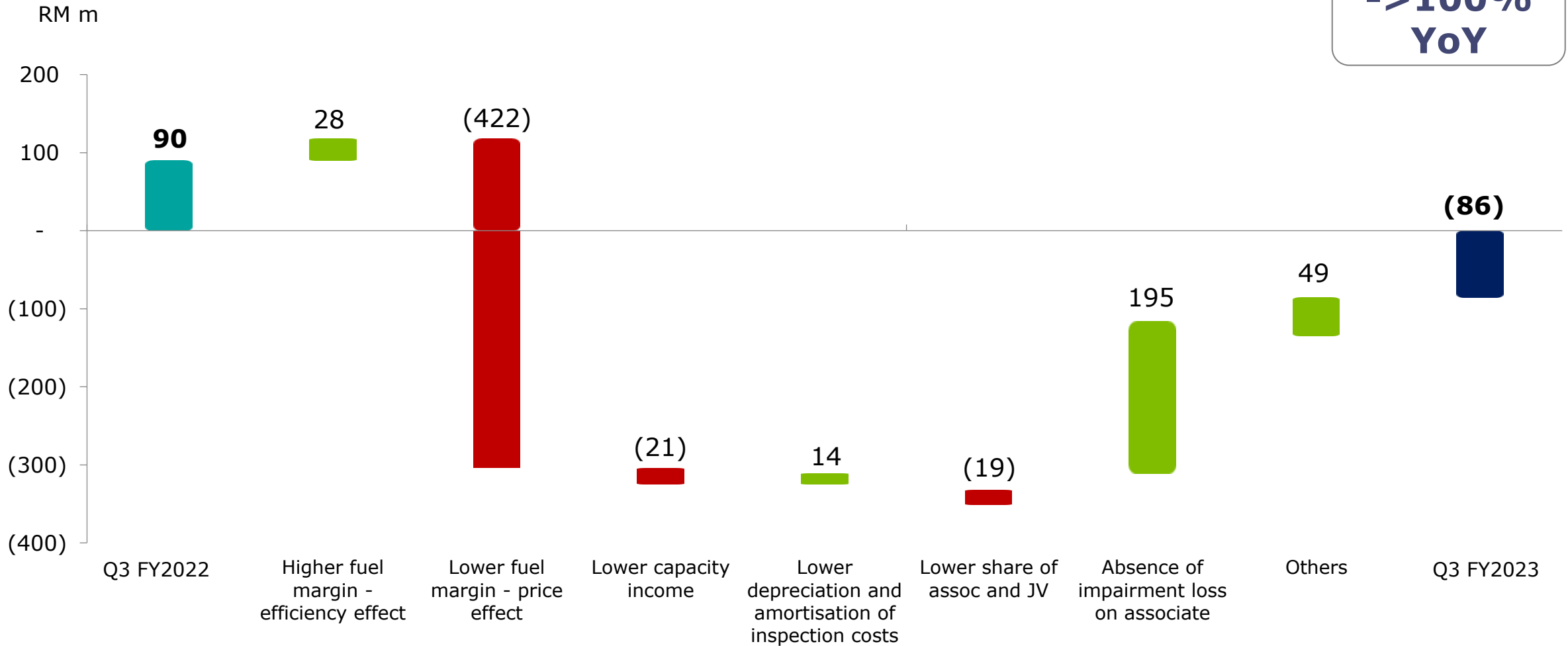


■ TBP ■ TBE ■ GB3 ■ PPP ■ SEV ■ Solar



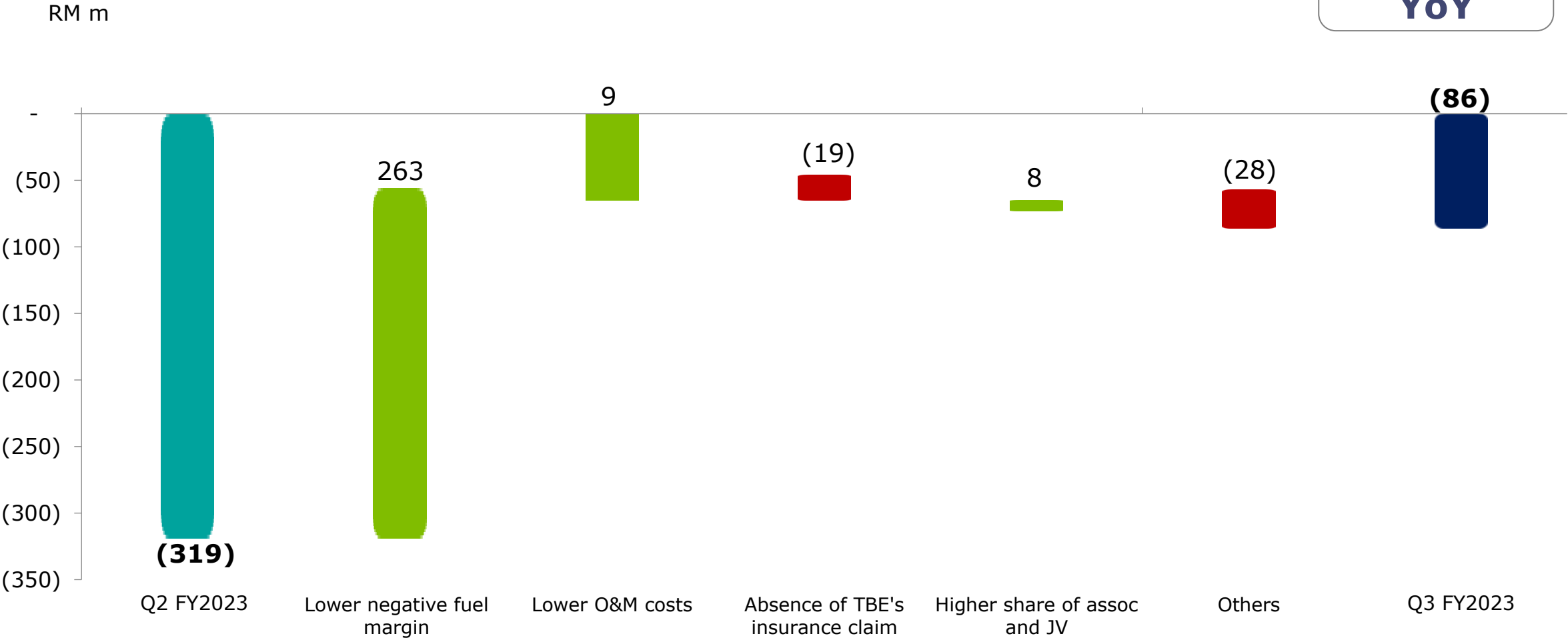
# Group PATMI – Q3 FY2023 vs Q3 FY2022 (YoY)

**-> 100%  
YoY**

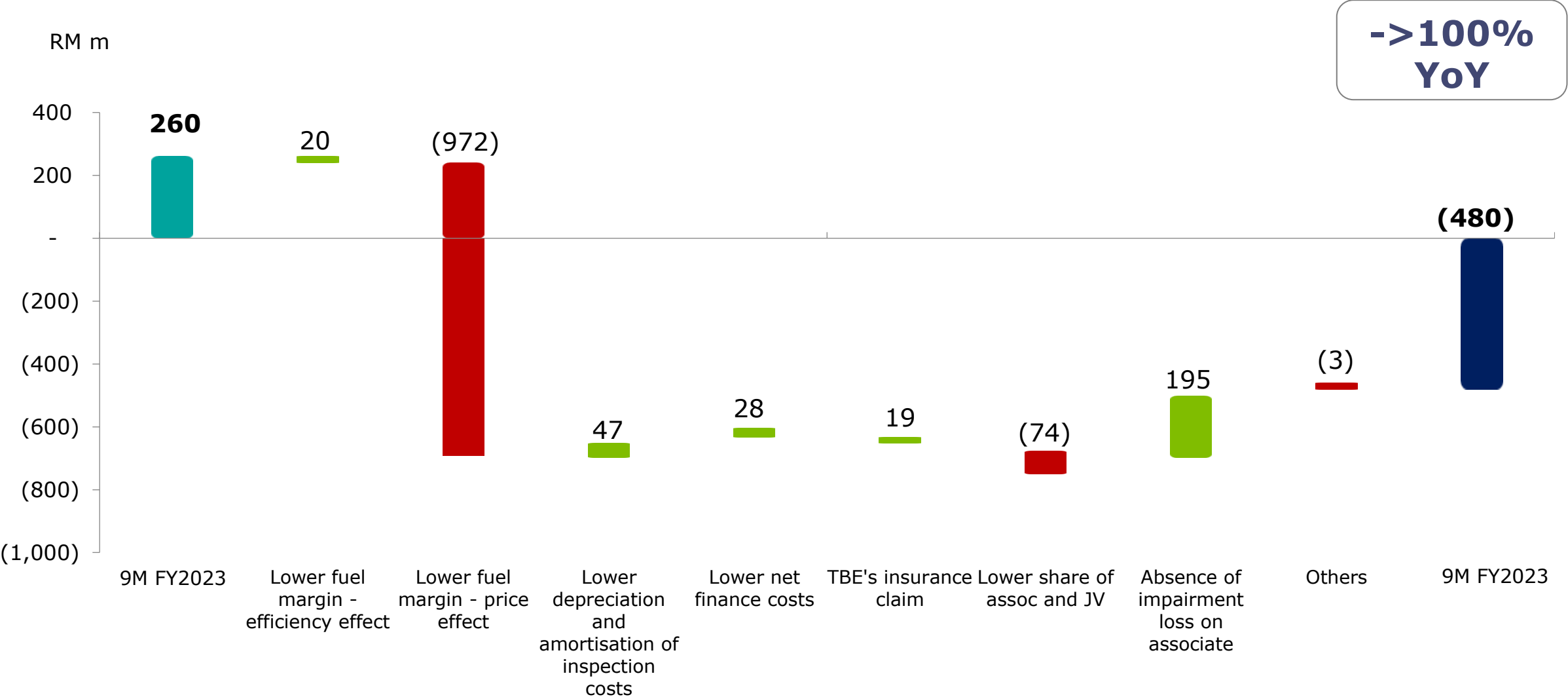


# Group PATMI – Q3 FY2023 vs Q2 FY2023 (QoQ)

**+ 73%  
YoY**



# Group PATMI – 9M FY2023 vs 9M FY2022 (YoY)

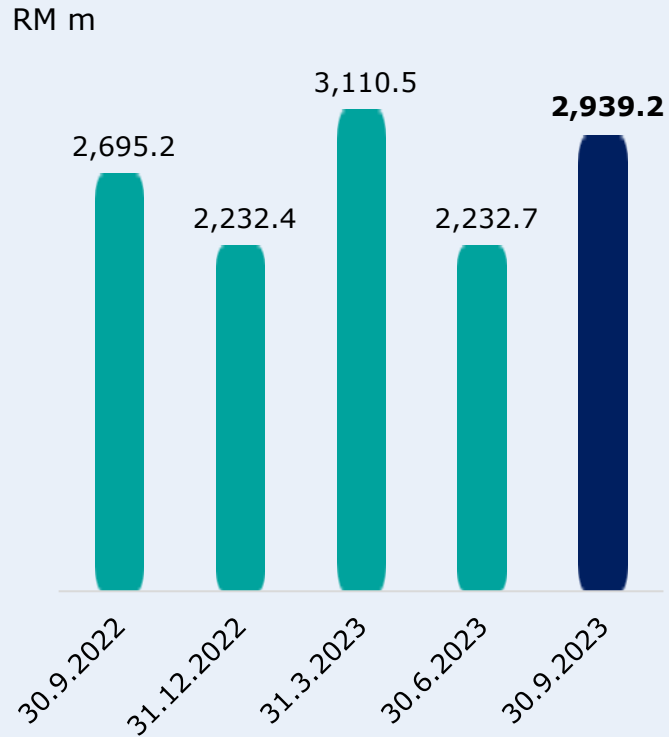


# Share of Profit from Associates/JVs

RM m	Q3 FY2023	Q3 FY2022	% Change (Remarks)	9M FY2023	9M FY2022	% Change (Remarks)
<b>Shuaibah Water &amp; Electricity Company (SWEC), Saudi Arabia</b> <b>Shuaibah Expansion Project Company Limited (SEPCO), Saudi Arabia</b> <i>(MCB effective equity 24% &amp; 23.8%, respectively)</i>	<b>34.4</b>	30.6	<b>+12%</b>	<b>73.1</b>	87.5	<b>-16%</b> <i>Mainly due to effect from changes in accounting treatment</i>
<b>Hidd Power Co, Bahrain</b> <i>(MCB effective equity 40%)</i>	-	22.8	<b>-100%</b> <i>Profit not recognized consequent to impairment assessment carried out in 2022</i>	-	60.3	<b>-100%</b> <i>Profit not recognized consequent to impairment assessment carried out in 2022</i>
<b>Muscat City Desalination Company, Oman</b> <i>(MCB effective equity 32.5%)</i>	<b>2.4</b>	1.9	<b>+26%</b>	<b>7.2</b>	6.1	<b>+18%</b>
<b>Muscat City Desalination Operation &amp; Maintenance Company (MCDOMCO), Oman</b> <i>(MCB effective equity 50%)</i>	<b>1.7</b>	2.6	<b>-35%</b>	<b>7.4</b>	7.3	<b>+1%</b>
<b>Others</b>	<b>(0.1)</b>	(0.1)	-	<b>(0.2)</b>	0.2	<b>-200%</b>
<b>TOTAL</b>	<b>38.4</b>	57.8	<b>-34%</b>	<b>87.5</b>	161.4	<b>-46%</b>

# Cash & Gearing as at 30 September 2023

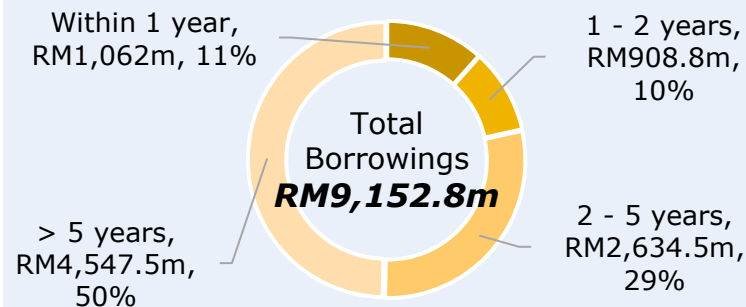
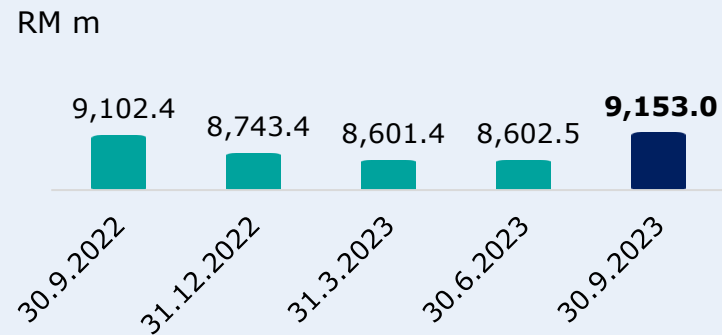
## Total Cash & Bank Balances\*



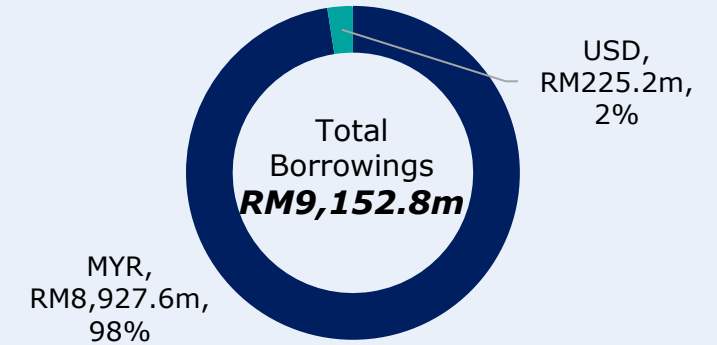
\*Includes Cash categorised as Other Investments

## Gearing Ratio, Total Borrowings & Debt Ageing

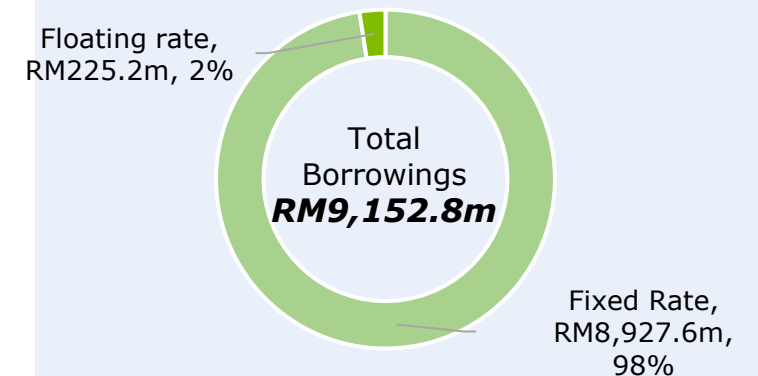
<b>1.34x</b> Gross	<b>1.31x</b> Gross	<b>1.31x</b> Gross	<b>1.41x</b> Gross	<b>1.51x</b> Gross
<b>0.94x</b> Net	<b>0.97x</b> Net	<b>0.83x</b> Net	<b>1.05x</b> Net	<b>1.03x</b> Net



## Debt Profile by Currency



## Debt Profile by Fixed / Floating Rate



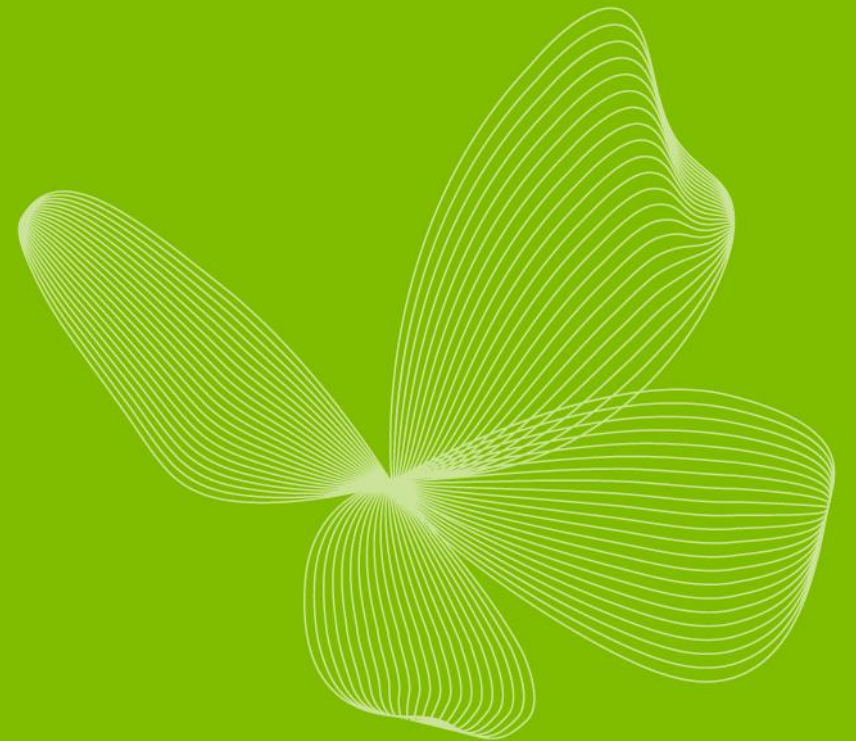


**malakoff**

A Member of  MMC Group

Enhancing Life,  
Enriching Communities.

# Corporate Updates



# Malakoff Aims to Generate 500 MW of Solar Power from the MMC Group

- On 4 October 2023, Malakoff inked an MoU with ports under the MMC Group of Companies (“MMC Ports”), namely Northport (Malaysia) Bhd, Johor Port Berhad, Tanjung Pelepas Sdn Bhd and Penang Port Sdn Bhd.
- Malakoff and MMC Ports will explore the collective potential through collaboration and to undertake business exploration in various green power initiatives including, but not limited to, any solar power programme under the Government’s initiatives such as the Corporate Green Power Programme (“CGPP”), Self-Consumption (“SelCo”), cold ironing or shore-to-ship power supply, installation of Electric Vehicle (“EV”) charging stations and others, where collectively referred to as the “Green Power Projects”.



(From left) Johor Port Bhd CEO Md Derick Basir, Pelabuhan Tanjung Pelepas Sdn Bhd CFO Muhammad Abdullah Hatta, Ministry of Natural Resources, Environment and Climate Change secretary general Dr Ching Thoo Kim, Deputy Minister Datuk Seri Huang Tiong Si, Malakoff Corp Bhd executive vice-chairman Tan Sri Che Khalib Mohamad Noh and managing director and CEO Anwar Syahrin Abdul Ajib, Northport (Malaysia) Bhd CEO Datuk Azman Shah Mohd Yusof, and Penang Port Sdn Bhd CEO Datuk Sasedharan Vasudevan.

# Proposed Acquisition of E-Idaman

*Proposed Acquisition of*

**49%**

*equity interest*



- On 27 October 2023, Malakoff Corporation Berhad ("MCB") entered into a conditional share sale and purchase agreement ("SSA") with Metacorp Berhad ("Metacorp") for the proposed acquisition of 49,000 ordinary shares representing 49% equity interest in E-Idaman Sdn. Bhd ("E-Idaman") through its wholly-owned subsidiary, Tuah Utama Sdn.Bhd. ("TUSB").
- TUSB will acquire E-Idaman from Metacorp for a cash consideration of RM133,200,000.00.
- E-Idaman's wholly-owned subsidiary, Environment Idaman Sdn Bhd provides waste collection and disposal services for municipal wastes under a 22-year concession granted by the Government of Malaysia for the provision of solid waste collection and public cleansing management services for the State of Kedah and Perlis.
- Barring any unforeseen circumstances and subject to all conditions precedent being fulfilled, the SSA is expected to be completed within 6 months from the signing date.



# Malakoff Expands its Solar Portfolio through SPPA with DRB-Hicom

- On 1 November 2023, Malakoff has inked a Solar Power Purchase Agreement (“SPPA”) through its subsidiary Malakoff Radiance Sdn Bhd (“Malakoff Radiance”) with the DRB-HICOM Group of Companies (“DRB-HICOM”) for the development, operation and maintenance of solar photovoltaic systems at fourteen (14) locations in Selangor, Perak, Kedah, Melaka and Pahang
- With a total capacity of 20.78 MWp and total electricity generation of 26,546.45 MWh per annum, this project is expected to play a pivotal role in making a substantial contribution to an annual reduction of 20,706 tCO<sub>2</sub>e equivalent to a carbon sequestration of 23,204.56 acres of forest, offsetting Co<sub>2</sub> from the atmosphere.
- The implementation of solar energy at DRB-HICOM's facilities serves as another stepping-stone for Malakoff to realise its aspiration towards achieving a 500 MW target of solar projects within the Albukhary Group of Companies.



(From left) Malakoff Corp Bhd’s Managing Director and CEO Encik Anwar Syahrin Abdul Ajib exchanging documents with DRB-HICOM Bhd’s Head of Group Procurement Encik Khairul Azman Razak (right). The exchange was witnessed by DRB-HICOM Bhd’s Group Managing Director YBhg Tan Sri Syed Faisal Albar and Malakoff Corp Bhd’s Executive Vice Chairman YBhg. Tan Sri Che Khalib Mohamad Noh

# Malakoff Expands Renewable Energy Portfolio With Gas Malaysia

- On 14 November 2023, Malakoff Corporation Berhad (“Malakoff”) has signed a Solar Power Purchase Agreement (“SPPA”) through its wholly-owned subsidiary, Malakoff Radiance Sdn Bhd (“Malakoff Radiance”) with Gas Malaysia Berhad (“Gas Malaysia”) for the development, operation and maintenance of solar photovoltaic (“PV”) systems at three Gas Malaysia sites.
- Additionally, Malakoff will also be installing Electric Vehicle (“EV”) charging stations at Gas Malaysia HQ and Gas Malaysia at Jalan Gurney in Kuala Lumpur.
- A Memorandum of Understanding (“MoU”) signing was held on 7 November 2023 at the Setia City Convention Center in Setia Alam in conjunction with Gas Malaysia’s unveiling of its business sustainability plan.



*Malakoff’s Chief Financial Officer, Encik Mohd Nazersham Mansor (second from left) and Natural Resources, Environment and Climate Change Minister Encik Nik Nazmi Nik Ahmad (third from left) together with other officials after the signing ceremony*

# Malakoff Wins Independent Power Producer of the Year

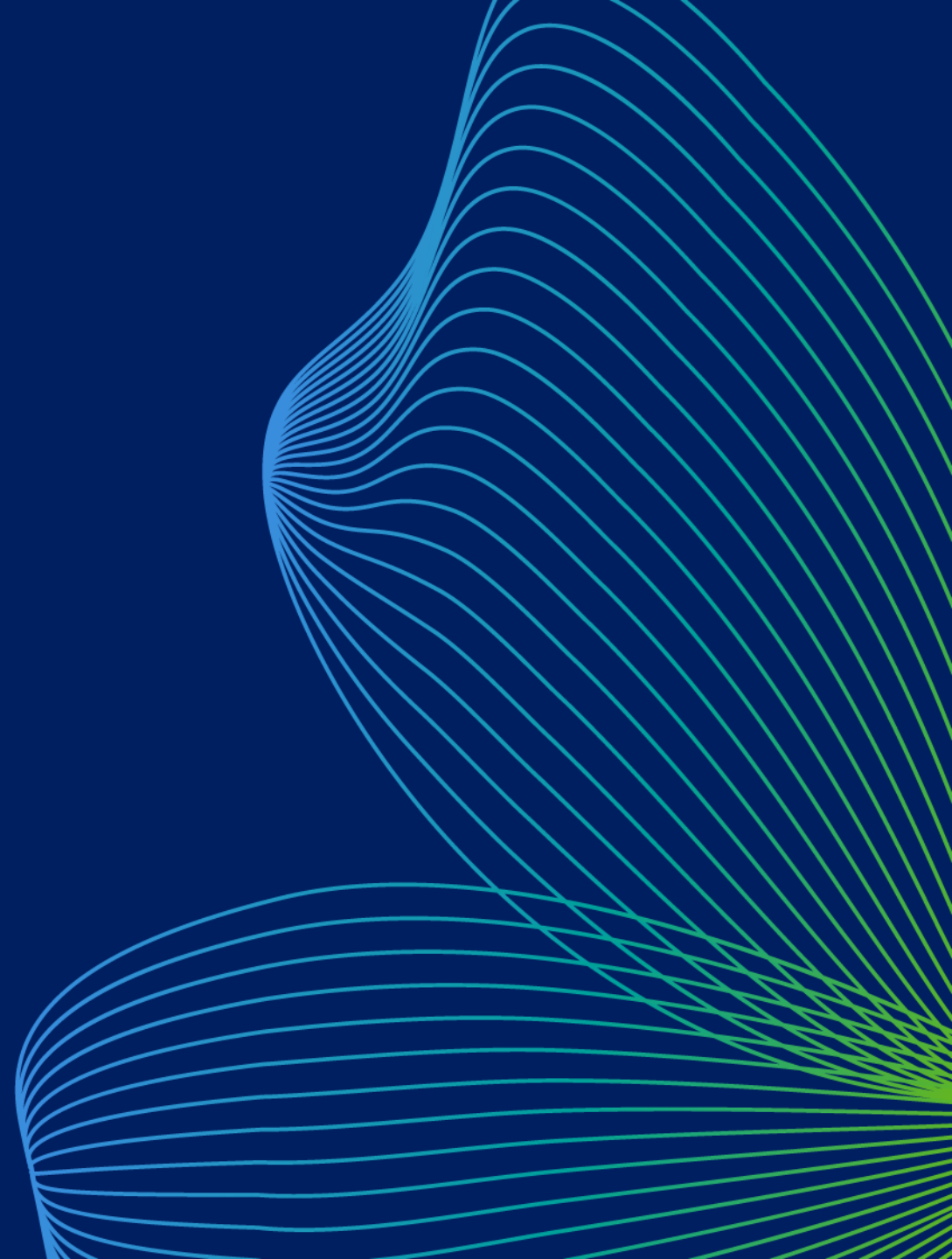
- On 14 November 2023, Malakoff Corporation Berhad has been honoured with the 'Independent Power Producer of the Year' award at the prestigious power & energy conference summit – Enlit Asia 2023.
- Held at ICE, BSD City in Jakarta, Indonesia – where leading industry providers showcase innovative solutions for Asia's transition to low-carbon energy that also serves as a platform to gain insights from regional thought leaders on key developments, policies, and innovations driving the energy transition.
- The award celebrates regional power utilities who have set themselves apart in delivering excellence beyond expectations.



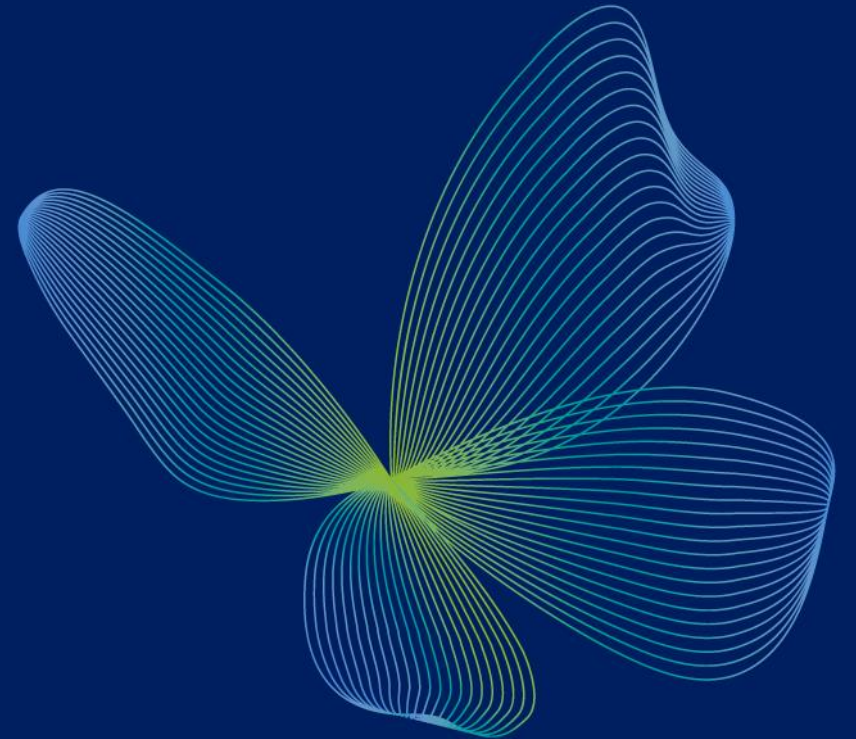
*Malakoff's MD/CEO Encik Anwar Syahrin Abdul Ajib receiving the award from Richard Ireland, MD of Clarion Events Asia*



**Thank you.**



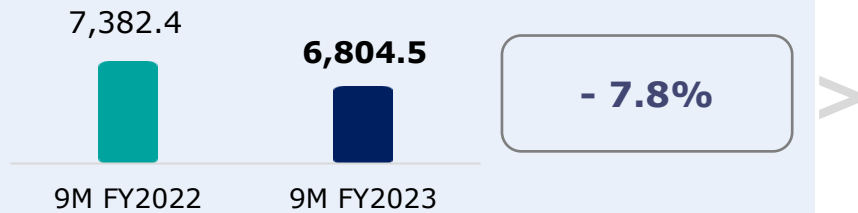
# Appendices



# Revenue, LBT & LATMI (9M FY2023)

## Revenue

RM m



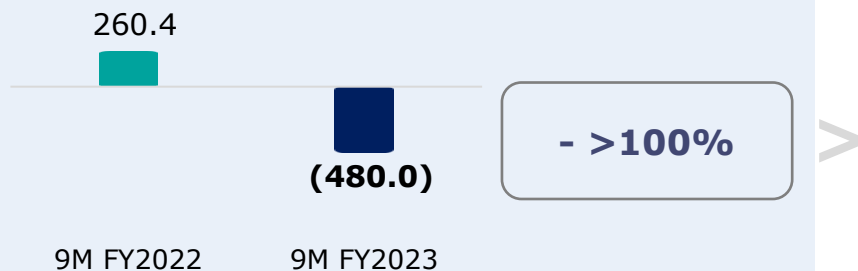
## PBT/(LBT)

RM m



## PATMI/(LATMI)

RM m



### Revenue Decrease:

- **Lower energy payment from TBP and TBE plants** impacted by decline in Applicable Coal Price ("ACP").
- **Absence of revenue contribution from GB3** following the expiry of its PPA on 30 December 2022.

Partially moderated by:

- **Higher energy payment and capacity income** recorded from TBE given the higher despatch factor and shorter duration of plant outage.

### Increase in LBT & LATMI:

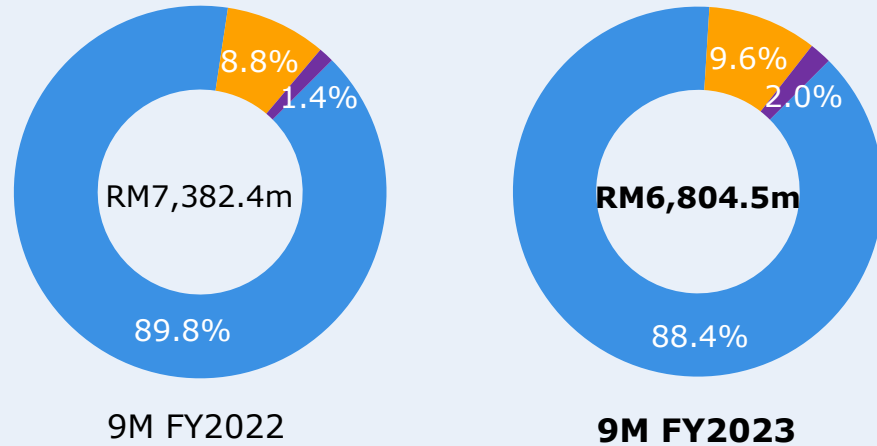
- **Substantial negative fuel margin** recorded at TBP and TBE coal plants impacted by higher weighted average fuel costs.
- **Lower contribution from GB3** following expiry of its PPA.
- Lower share of profit from associates and JV.
- Higher operating insurance costs.

Partially moderated by:

- **Absence of impairment loss on HPC**, a 40%-foreign associate.

# Revenue Mix (9M FY2023)

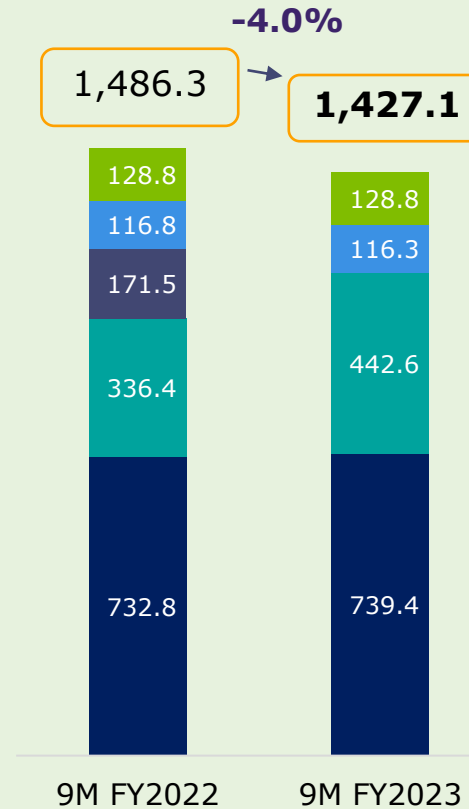
## Revenue



- Power Generation & Distribution  
Capacity income + Energy Income + Daily Utilisation Payment
- Waste Management & Environmental Services
- Others  
Rental Income + Project Management Fees + O&M Fees + Malakoff Utilities Sdn. Bhd. ("MUSB")

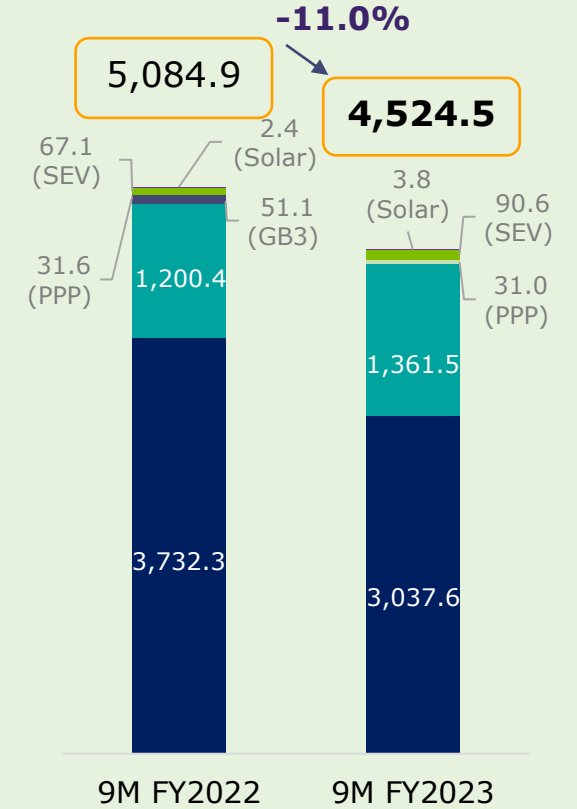
## Capacity Income

RM m



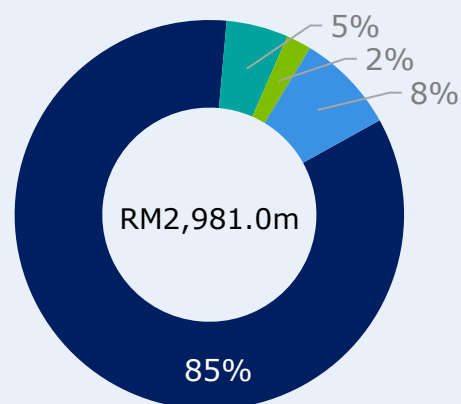
## Energy Income

RM m

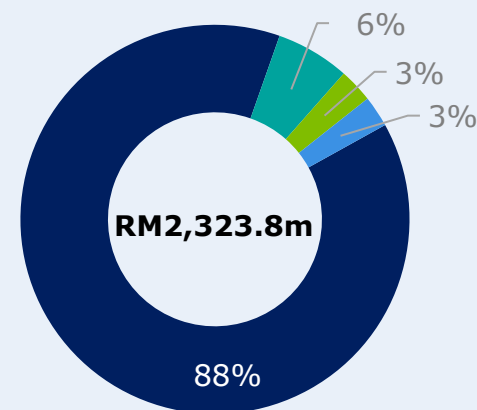


■ TBP ■ TBE ■ GB3 ■ PPP ■ SEV ■ Solar

# Breakdown of Costs (Q3 FY2023)



Q3 FY2022



Q3 FY2023

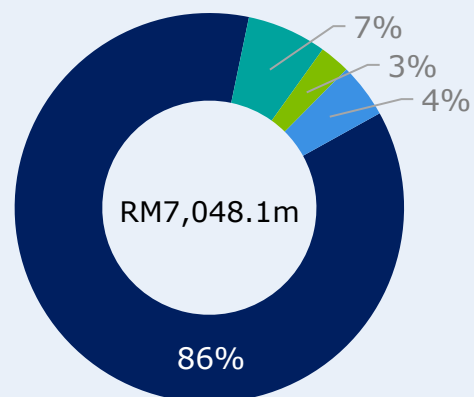
- Cost of Sales
- Finance Costs
- Administrative Expenses
- Other Operating Expenses

## Cost of Sales Breakdown (RM m)

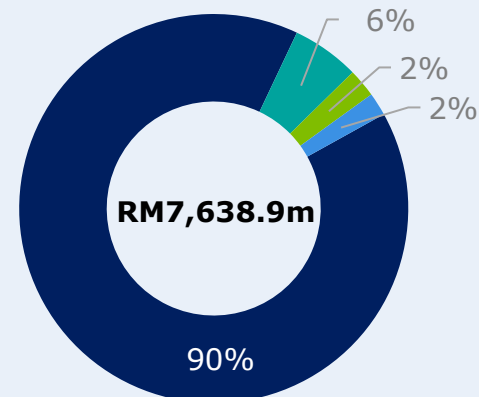
	Q3 FY2023	Q3 FY2022
Fuel	1,509.5	1,946.4
Depreciation and Amortisation of Inspection Costs	196.7	224.4
Amortisation of Intangible Assets	74.0	80.6
Operations and Maintenance Costs	67.0	67.9
Waste Management and Environmental Services Costs	164.6	161.9
Others	43.5	36.9
<b>TOTAL</b>	<b>2,055.3</b>	<b>2,518.1</b>



# Breakdown of Costs (9M FY2023)



9M FY2022



9M FY2023

- Cost of Sales
- Finance Costs
- Administrative Expenses
- Other Operating Expenses

## Cost of Sales Breakdown (RM m)

	9M FY2023	9M FY2022
Fuel	5,231.8	4,406.3
Depreciation and Amortisation of Inspection Costs	582.0	667.4
Amortisation of Intangible Assets	220.0	239.4
Operations and Maintenance Costs	212.7	206.9
Waste Management and Environmental Services Costs	496.1	471.7
Others	139.1	92.2
<b>TOTAL</b>	<b>6,881.7</b>	<b>6,083.9</b>

# Capital Expenditure as at 30 September 2023

RM m

227.2



Mainly for maintenance outage works at TBP and TBE coal plants.

9M FY2022

175.5



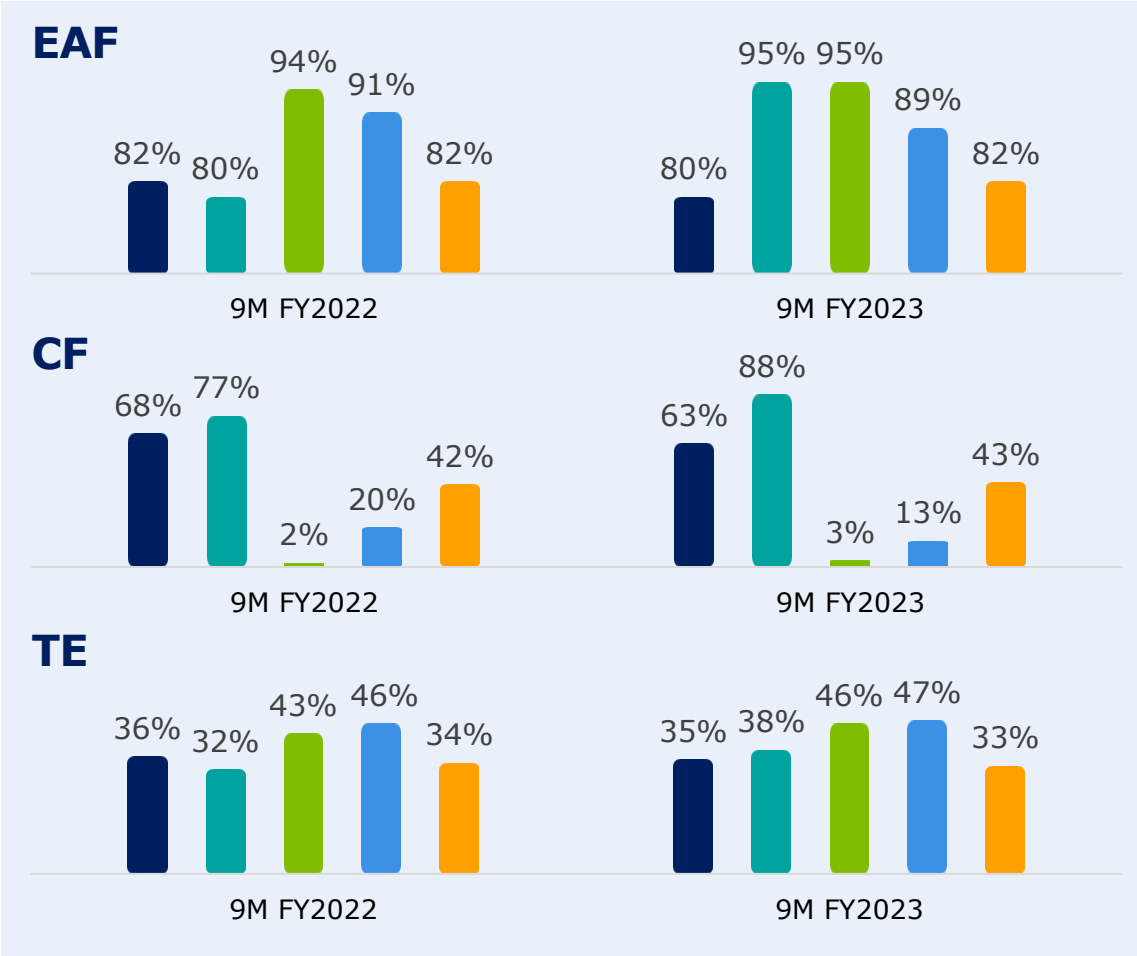
Mainly for maintenance outage works at TBP coal plant.

9M FY2023



# Thermal Power Generation (Local Assets)

## 9M FY2023 PLANT PERFORMANCE



■ TBP ■ TBE ■ SEV ■ PPP ■ KEV

## 9M FY2023 vs 9M FY2022

<b>TBP</b>	>	• <b>Lower EAF</b> recorded due to <b>higher scheduled and unscheduled outages.</b>
<b>TBE</b>	>	• <b>Higher EAF</b> recorded due to low <b>scheduled and unscheduled outages.</b>
<b>SEV</b>	>	• <b>Higher EAF</b> recorded due to low <b>scheduled and unscheduled outages.</b>
<b>PPP</b>	>	• <b>Lower EAF</b> recorded due to <b>high scheduled outage and unscheduled outage.</b>
<b>KEV</b>	>	• <b>EAF remains unchanged</b> due to <b>low scheduled and unscheduled outages.</b>

Note : EAF - Equivalent Availability Factor, CF - Capacity Factor, TE - Thermal Efficiency



# Thermal Power Generation (Local Assets)

## 9M FY2023 ELECTRICITY GENERATED & SOLD

Plant	9M FY2023			9M FY2022		
	Power Generated (GWh)	Electricity Sold (GWh)	% of Pen. Msia Electricity Generation*	Power Generated (GWh)	Electricity Sold (GWh)	% of Pen. Msia Electricity Generation*
Tanjung Bin Power (TBP)	9,190.88	8,702.93	8.72%	9,960.19	9,433.17	9.35%
Tanjung Bin Energy (TBE)	6,024.59	5,759.13	5.77%	5,026.15	4,758.11	4.71%
Segari Energy Ventures (SEV)	232.71	226.71	0.23%	194.31	188.99	0.19%
Prai Power Plant (PPP)	317.95	310.66	0.31%	462.76	452.50	0.45%
<b>Total (Excluding KEV)</b>	<b>15,766.13</b>	<b>14,999.43</b>	<b>15.03%</b>	<b>15,643.40</b>	<b>14,832.76</b>	<b>14.70%</b>
Kapar Energy Ventures (KEV)	6,378.41	5,786.27	5.80%	6,220.84	5,645.59	5.59%
<b>Total (Including KEV)</b>	<b>22,144.54</b>	<b>20,785.70</b>	<b>20.83%</b>	<b>21,864.24</b>	<b>20,478.35</b>	<b>20.29%</b>

\*Energy Sold / Peninsular Malaysia's System Generation

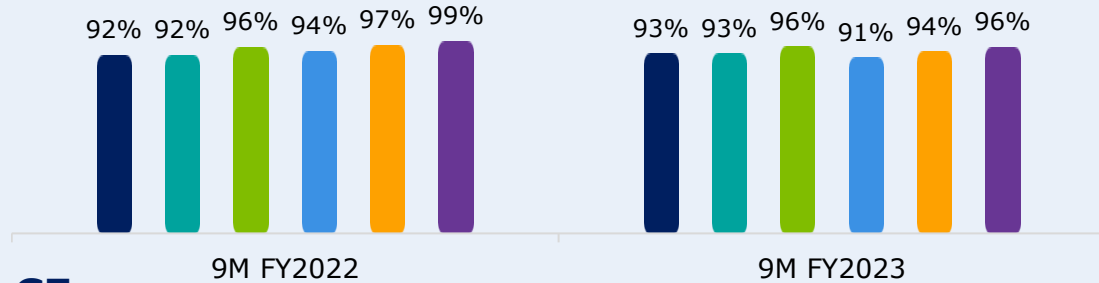
Source: Grid System Operator (GSO) Website



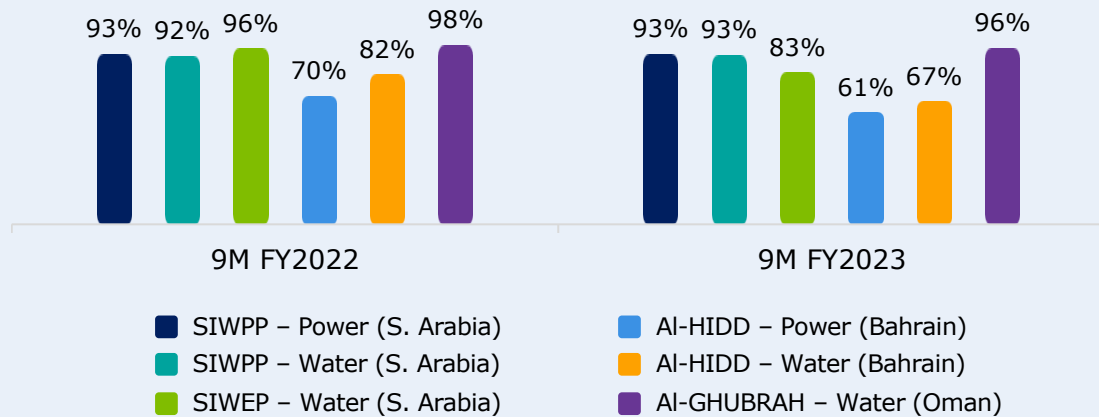
# Thermal Power Generation & Water Desalination (International Assets)

## 9M FY2023 PLANT PERFORMANCE

### EAF



### CF



- SIWPP – Power (S. Arabia)
- SIWPP – Water (S. Arabia)
- SIWEP – Water (S. Arabia)
- AI-HIDD – Power (Bahrain)
- AI-HIDD – Water (Bahrain)
- AI-GHUBRAH – Water (Oman)

## 9M FY2023 vs 9M FY2022

### Shuaibah Phase III IWPP

(Shuaibah Water & Electricity Company, SWEC)

- 9M FY2023 **performance remains healthy** contributed by performance improvement in Q3FY23.

### Shuaibah Phase III Expansion IWP

(Shuaibah Expansion Project Company, SEPCO)

- 9M FY2023 **performance remains healthy** contributed by performance improvement in Q3FY23.

### AL HIDD IWPP

(HIDD Power Company, HPC)

- Decline** in 9M FY2023 performance due to gas turbine and steam turbine inspections, MED units' annual outages, common outages, operation mode restrictions, auxiliary boiler trips, Chlorine dosing failure, HRSG issues, MED maintenance and repair work as well as Phase 1 seawater header pipe failure.

### AL GHUBRAH IWP

(Muscat City Desalination Company)

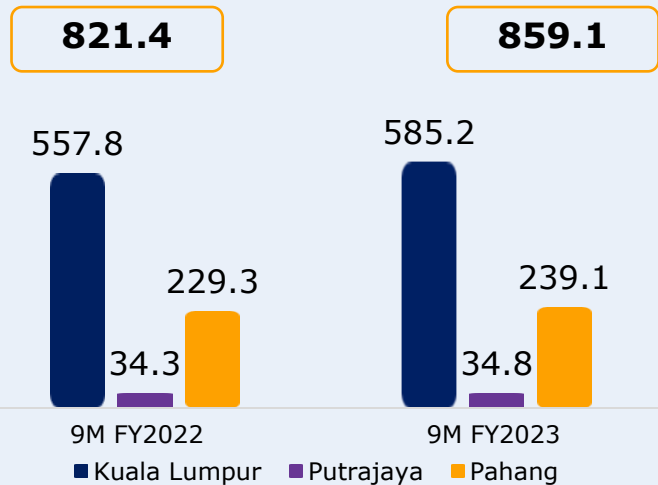
- 9M FY2023 **performance affected** by maintenance works, equipment replacement, upgrade work and algae bloom attack.



# Environmental Solutions

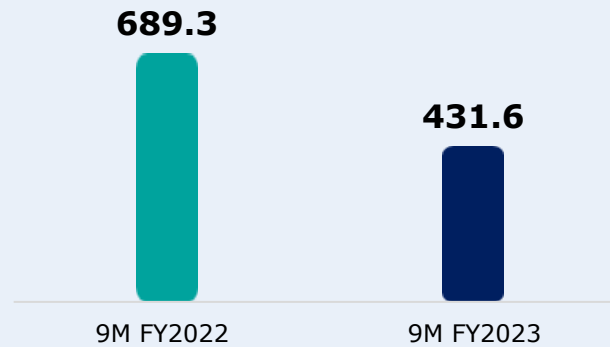
## 9M FY2023 OPERATIONAL PERFORMANCE

### Waste Collected (Concession) (‘000 MT)



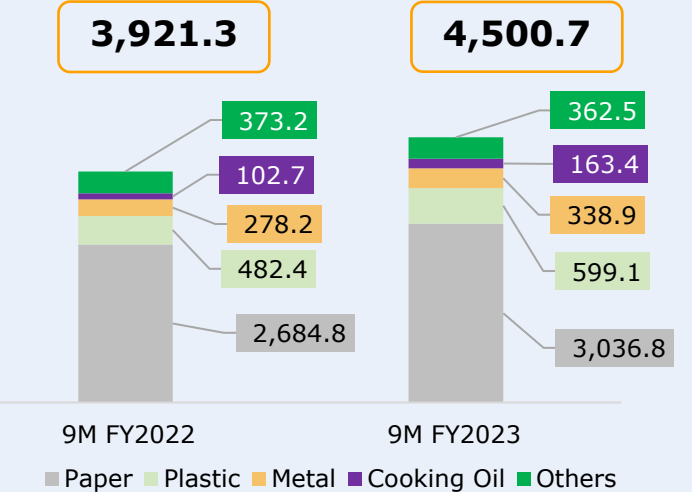
- Domestic waste collected in KL, Pahang & Putrajaya **increased 4.6% in 9M FY2023** to a total of **859.1k tonnes** as compared to corresponding 9M FY2022.
- The increase was mainly due to **higher waste generated** in the concession areas.

### Waste Handled (Non-Concession) (‘000 MT)



- Waste Handled **reported a reduction of 37.4%** in 9M FY2023 compared to 9M FY2022.
- The **reduction** was mainly due to a **decrease in waste handled in the non-concession business.**

### Recyclable Material Collected (Tonnes)



- **Higher Recyclable Material Collected (+14.8%)** was mainly due to the **higher waste collected** and the **implementation of a new buyback centre in Pahang.**