

**Unaudited Consolidated Results
for the 3rd Quarter FY2022
Ended 30 September 2022**

23rd November 2022



Year-on-Year (Y-o-Y) analysis

RM mil		9MFY22	9MFY21	Variance	
				RM mil	%
Revenue	1	53,870.2	36,894.4	16,975.8	46.0
Operating expenses (without depreciation)	2	(38,104.5)	(22,143.2)	(15,961.3)	72.1
Net loss on impairment of financial instruments	3	(128.3)	(906.9)	778.6	(85.9)
Other operating income		676.8	548.4	128.4	23.4
EBITDA		16,314.2	14,392.7	1,921.5	13.4
EBITDA Margin (%)		30.3%	39.0%	-	(8.7)
EBITDA Margin w/o ICPT (%)		43.0%	40.4%	-	2.6
Depreciation	4	(8,404.7)	(7,882.7)	(522.0)	6.6
EBIT		7,909.5	6,510.0	1,399.5	21.5
Foreign exchange:					
- Transaction gain/(loss)		24.0	(27.9)	51.9	>(100.0)
- Translation (loss)/gain	5	(608.3)	(162.4)	(445.9)	>100.0
Share of results of joint ventures		19.0	17.4	1.6	9.2
Share of results of associates		83.5	103.6	(20.1)	(19.4)
Profit before finance cost		7,427.7	6,440.7	987.0	15.3
Fair value changes of financial instrument		125.1	147.5	(22.4)	(15.2)
Finance income		179.9	159.7	20.2	12.6
Finance cost	4	(3,200.8)	(2,831.6)	(369.2)	13.0
Profit from ordinary activities before taxation		4,531.9	3,916.3	615.6	15.7
Taxation and Zakat:					
- Company and subsidiaries		(1,661.1)	(1,128.6)	(532.5)	47.2
- Deferred taxation	6	(121.3)	84.5	(205.8)	>(100.0)
Profit for the period		2,749.5	2,872.2	(122.7)	(4.3)
Attributable to:					
- Owners of the Company		2,654.2	2,784.0	(129.8)	(4.7)
- Non-controlling interests		95.3	88.2	7.1	8.0
Profit for the period		2,749.5	2,872.2	(122.7)	(4.3)

Y-o-Y analysis:

- Higher revenue mainly due to ICPT surcharge of RM15,917.6 mil (9MFY21 surcharge of RM1,300.8 mil) and higher sales of electricity.
- Higher operating expenses driven by higher generation cost.
- Includes lower Allowance for doubtful debts (ADD) of RM105.0 mil (9MFY21 RM581.2 mil).
- Higher depreciation and finance cost mainly due to MFRS16 adjustment for EDRA Melaka power plant.
- Higher loss in forex translation mainly due to the weakening of MYR against USD.
- Higher tax expense was attributable to slower asset build up as at 9MFY22 and deferred tax.

Quarter vs Previous Quarter (3QFY22 vs 2QFY22) analysis

RM mil	3QFY22	2QFY22	Variance	
			RM mil	%
Revenue	19,071.4	19,140.3	(68.9)	(0.4)
Operating expenses (without depreciation)	(13,533.1)	(13,907.8)	374.7	(2.7)
Net loss on impairment of financial instruments	(48.1)	(44.5)	(3.6)	8.1
Other operating income	247.1	251.1	(4.0)	(1.6)
EBITDA	5,737.3	5,439.1	298.2	5.5
EBITDA Margin (%)	30.1%	28.4%	-	1.7%
EBITDA Margin w/o ICPT (%)	44.3%	42.4%	-	1.9%
Depreciation	(2,825.7)	(2,810.8)	(14.9)	0.5
EBIT	2,911.6	2,628.3	283.3	10.8
Foreign exchange:				
- Transaction gain/(loss)	13.1	10.6	2.5	23.6
- Translation (loss)/gain	(413.8)	(237.2)	(176.6)	74.5
Share of results of joint ventures	8.2	4.8	3.4	70.8
Share of results of associates	23.2	30.3	(7.1)	(23.4)
Profit before finance cost	2,542.3	2,436.8	105.5	4.3
Fair value changes of financial instrument	66.4	18.5	47.9	>100.0
Finance income	57.4	76.3	(18.9)	(24.8)
Finance cost	(1,131.9)	(1,065.9)	(66.0)	6.2
Profit from ordinary activities before taxation	1,534.2	1,465.7	68.5	4.7
Taxation and Zakat:				
- Company and subsidiaries	(515.3)	(615.9)	100.6	(16.3)
- Deferred taxation	(46.2)	55.8	(102.0)	>(100.0)
Profit for the period	972.7	905.6	67.1	7.4
Attributable to:				
- Owners of the Company	888.9	872.2	16.7	1.9
- Non-controlling interests	83.8	33.4	50.4	>100.0
Profit for the period	972.7	905.6	67.1	7.4

Q vs Previous Quarter analysis:

- 1 Lower OPEX mainly due to lower generation cost.
- 2 Higher loss in forex translation mainly due to the weakening of MYR against USD.

Y-o-Y normalised EBITDA & PAT for 9MFY22

EBITDA Components	9MFY22 RM mil	9MFY21 RM mil
Reported EBITDA	16,314.2	14,392.7
Impairment	-	455.8
Additional ADD for TNB*	62.2	431.0
MFRS16 impact	1 (3,328.0)	(3,149.2)
Normalised EBITDA	13,048.4	12,130.3

1

Please refer MFRS16 impact slide for details.

2

Lower normalised PAT in 9MFY22 mainly due to higher tax expense resulting from slower asset build up.

PAT Components	9MFY22 RM mil	9MFY21 RM mil
Reported PAT	2,749.5	2,872.2
Impairment	-	455.8
Additional ADD for TNB*	62.2	431.0
Forex Translation	608.3	162.4
MFRS16 impact	1 700.5	434.2
Normalised PAT	2 4,120.5	4,355.6

*ADD 9MFY22: RM105.0mil, approved ADD FY22: RM 57.1mil
ADD 9MFY21: RM581.2 mil, approved ADD FY21: RM200.3 mil

Higher Y-o-Y sales of electricity and contribution from subsidiaries, driven by stronger economic growth

	3QFY22		2QFY22		Variance (3QFY22 vs 2QFY22)		9MFY22		9MFY21		Variance (9MFY22 vs 9MFY21)	
UNITS SOLD	GWh		GWh		GWh	%	GWh		GWh		GWh	%
Sales of Electricity (GWh)												
- TNB	30,347.5		30,159.7		187.8	0.6	89,466.5		82,738.7		6,727.8	8.1
- SESB	1,472.3		1,445.2		27.1	1.9	4,301.8		3,976.4		325.4	8.2
- EGAT (Export)	-		0.1		(0.1)	(100.0)	0.3		1.2		(0.9)	(75.0)
- LPL	-		-		-	-	-		878.8		(878.8)	(100.0)
- TNBI (UK Wind)	14.3		18.0		(3.7)	(20.6)	58.8		49.5		9.3	18.8
- TNBI (Vortex)	126.7		142.1		(15.4)	(10.8)	327.1		305.1		22.0	7.2
- TNBI (CEI UK LTD)	42.2		52.9		(10.7)	(20.2)	95.1		-		95.1	100.0
Total Units Sold (GWh)	32,003.0		31,818.0		185.0	0.6	94,249.6		87,949.7		6,299.9	7.2
REVENUE	RM mil	Sen/ kWh	RM mil	Sen/ kWh	(RM mil)	%	RM mil	Sen/ kWh	RM mil	Sen/ kWh	(RM mil)	%
Sales of Electricity (RM)												
- TNB	12,194.6	40.07	12,210.3	40.24	(15.7)	(0.1)	35,692.8	40.14	33,100.4	39.95	2,592.4	7.8
- Sales Discount	-		-		-	-	-		(460.0)		460.0	(100.0)
- SESB	504.5	34.26	497.2	33.93	7.3	1.5	1,470.0	34.29	1,375.5	34.40	94.5	6.9
- Sales Discount	-		-		-	-	-		(0.6)		0.6	(100.0)
- Accrued Revenue	(34.7)		(81.0)		46.3	(57.2)	37.3		(50.0)		87.3	>(100.0)
- EGAT (Export)	0.1	-	-	-	0.1	100.0	0.4	-	0.3	-	0.1	33.3
- LPL	-		-		-	-	-		290.0	33.00	(290.0)	(100.0)
- TNBI (UK Wind)	21.1	147.55	25.4	141.11	(4.3)	(16.9)	83.6	142.18	70.1	141.62	13.5	19.3
- TNBI (Vortex)	97.1	76.64	110.3	77.62	(13.2)	(12.0)	254.1	77.68	231.3	75.81	22.8	9.9
- TNBI (CEI UK LTD)	31.4	74.41	37.6	71.08	(6.2)	(16.5)	69.0	72.56	-	-	69.0	>100.0
Sales of Electricity	12,814.1	40.04	12,799.8	40.23	14.3	0.1	37,607.2	39.90	34,557.0	39.29	3,050.2	8.8
Imbalance Cost Pass Through	6,109.6		6,302.6		(193.0)	(3.1)	15,917.6		1,300.8		14,616.8	>100.0
Other Regulatory Adjustment	(228.0)		(294.7)		66.7	(22.6)	(679.4)		(265.9)		(413.5)	>100.0
Relief Package from Government	-		-		-	-	0.6		406.1		(405.5)	(99.9)
SESB Tariff Support Subsidy	67.6		68.2		(0.6)	(0.9)	199.7		274.4		(74.7)	(27.2)
Others	-		-		-	-	-		(55.3)		55.3	(100.0)
Total Sales of Electricity	18,763.3		18,875.9		(112.6)	(0.6)	53,045.7		36,217.1		16,828.6	46.5
Goods & Services	201.3		165.2		36.1	21.9	514.5		443.8		70.7	15.9
Construction contracts	38.6		29.8		8.8	29.5	105.9		45.9		60.0	>100.0
Customers' Contribution	68.2		69.4		(1.2)	(1.7)	204.1		187.6		16.5	8.8
Total Revenue	19,071.4		19,140.3		(68.9)	(0.4)	53,870.2		36,894.4		16,975.8	46.0

1 3QFY22 vs 2QFY22: Higher units sold and sales of electricity mainly from commercial and industrial sectors.

9MFY22 vs 9MFY21: Higher units sold and sales of electricity from all sectors.

2 Divestment of LPL on 30 Nov'21.

3 3QFY22 vs 2QFY22: Lower solar generation due to seasonality factor (approaching winter season).

9MFY22 vs 9MFY21: Higher generation mainly due to higher irradiance.

4 3QFY22 vs 2QFY22: Lower generation from offshore wind due to seasonality factor (lower wind speed).

9MFY22 vs 9MFY21: Acquisition of 97.3MW onshore wind portfolio (UK) in April 2022.

5 Refer Other Regulatory Adjustment slide

6 9MFY22 vs 9MFY21: Higher mainly due to improved subsidiaries performance driven by stronger economic growth.

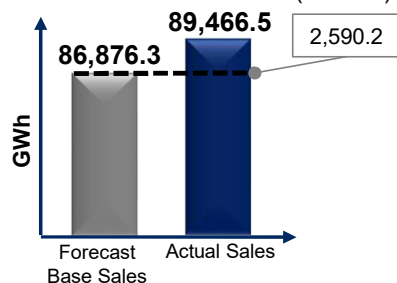
As at 9MFY22, RM679.4 mil of other regulatory adjustment to be returned

Components of Other Regulatory Adjustment		1QFY22 (RM mil)	2QFY22 (RM mil)	3QFY22 (RM mil)	9MFY22 (RM mil)
1	Revenue Adjustment for Revenue Cap & Price Cap Refund Related to Regulated Business	(44.2)	(239.4)	(211.8)	(495.4)
	Regulatory Adjustment for SESB*	(113.1)	(63.9)	(16.6)	(193.6)
		0.6	8.6	0.4	9.6
TOTAL		(156.7)	(294.7)	(228.0)	(679.4)

*SESB has implemented IBR framework starting 1 January 2022

Revenue Cap

9MFY22 Variations in Sales (in GWh)

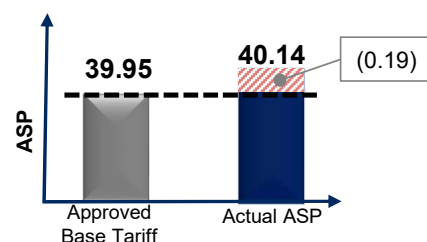


- The allowed annual revenue for revenue cap entities is based on 1.7% demand growth. Any excess/shortfall is adjusted through revenue adjustment mechanism.
- For 9MFY22, higher actual sales has led to amount to be returned via revenue adjustment mechanism.

Business Entities	Allowed Tariff (sen/kWh)	Variations in Sales (GWh)	Adjustment (RM mil)
Revenue Cap Entities	12.60	2,590.2	(325.9)*

Price Cap

9MFY22 Variations in ASP (sen/kWh)



- Any excess/shortfall of revenue earned due to higher/lower Average Selling Price (ASP) compared to Base Tariff is adjusted through revenue adjustment mechanism.
- For 9MFY22, the ASP recorded was higher than the Base Tariff, leading to amount to be returned via revenue adjustment mechanism.

Business Entities	Actual Sales (GWh)	Variations in ASP (sen/kWh)	Adjustment (RM mil)
Price Cap Entity	89,466.5	(0.19)	(169.5)*

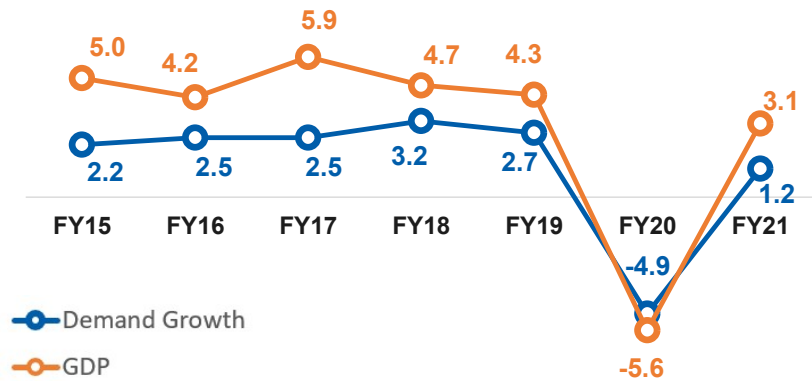
* Numbers manually computed will not match due to decimal variance

Y-o-Y electricity demand grew in tandem with GDP

%

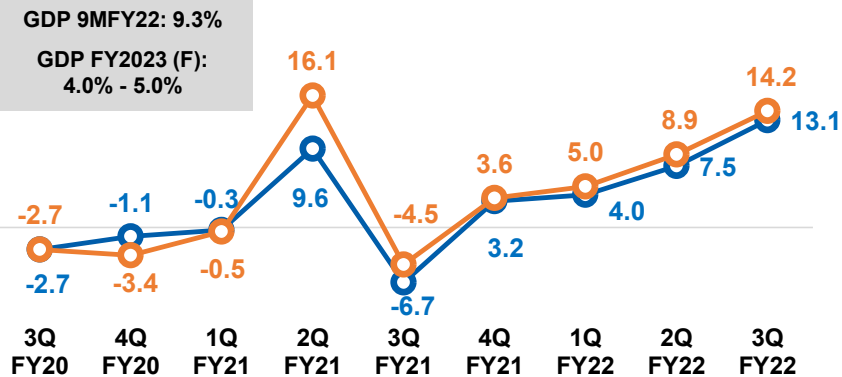
GDP & TNB Demand Growth

Full Year



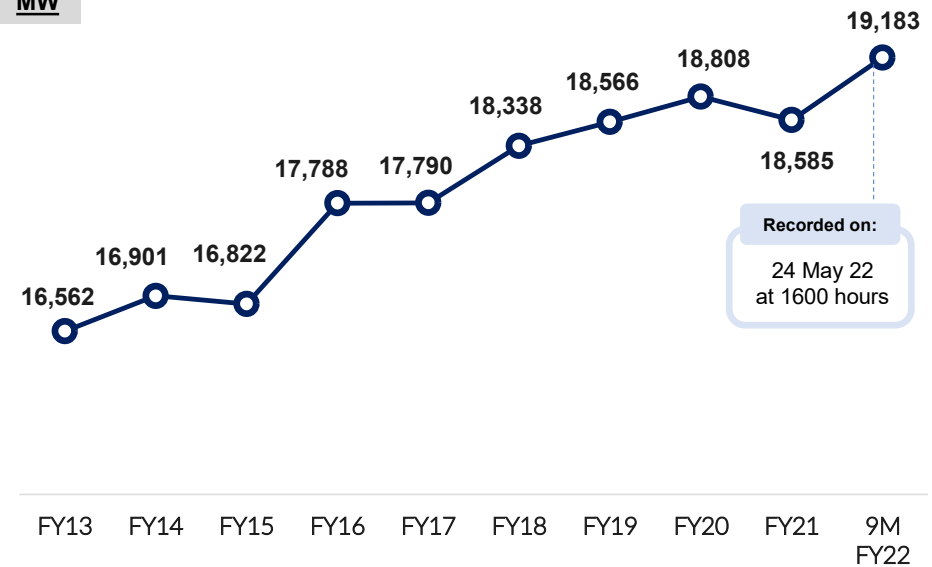
%

Year-on-Year



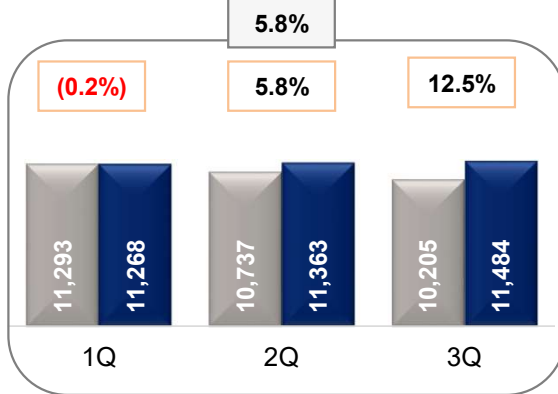
TNB (Peninsula) Yearly Peak Demand

MW



Improved Y-o-Y electricity demand across all sectors

Industrial



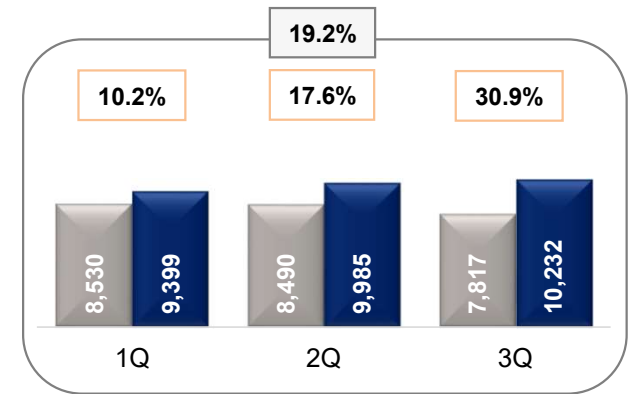
9MFY22 main contributors for the increase in:

- Industrial sector
 - Misc. consumer product, wood and cement products
- Commercial sector
 - Retails, accommodation and business services

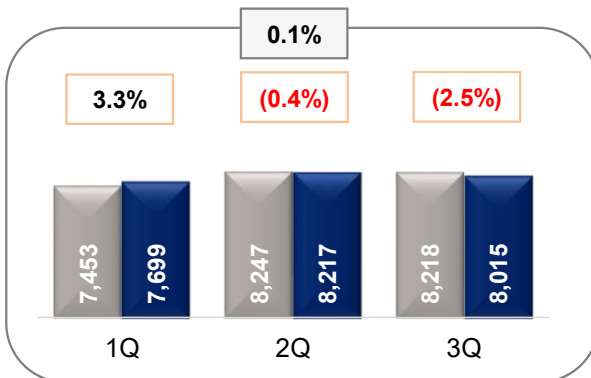
Unit Sales (GWh) Growth



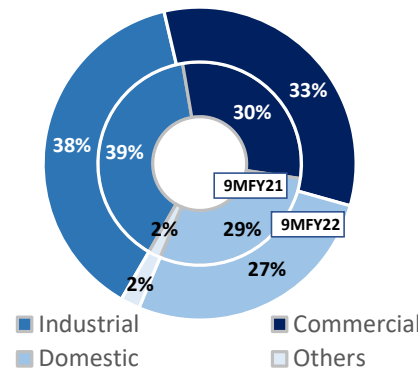
Commercial



Domestic

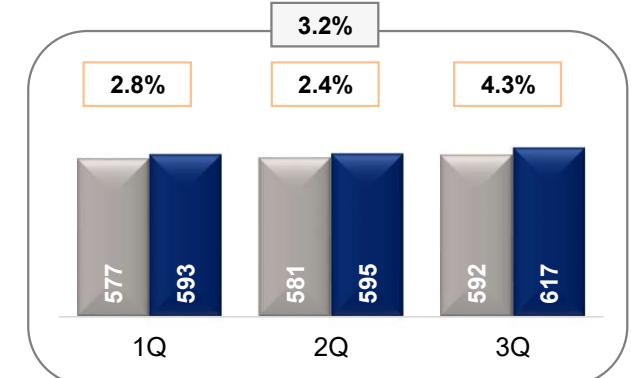


Sector Mix (%) 9MFY22 vs 9MFY21



Others*

*includes Agriculture, Mining & Public Lighting



Higher Y-o-Y operating expenses due to increase in generation cost

	3QFY22	2QFY22	Variance (3QFY22 vs 2QFY22)		9MFY22	9MFY21	Variance (9MFY22 vs 9MFY21)		
	(RM mil)	(RM mil)	RM mil	%	(RM mil)	(RM mil)	RM mil	%	
Non-TNB IPPs Costs	5,337.5	4,123.7	1,213.8	29.4	12,901.8	5,620.4	7,281.4	>100.0	1 3QFY22 vs 2QFY22: Lower generation cost due to higher generation from hydro plants. 9MFY22 vs 9MFY21: Higher generation cost mainly due to higher coal prices (USD209.7/MT vs USD97.8/MT).
Capacity Payment	(81.7)	(89.2)	7.5	(8.4)	(270.1)	147.6	(417.7)	>(100.0)	
Energy Payment	5,419.2	4,212.9	1,206.3	28.6	13,171.9	5,472.8	7,699.1	>100.0	
TNB Fuel Costs	5,692.0	7,510.9	(1,818.9)	(24.2)	18,129.4	9,720.3	8,409.1	86.5	2 3QFY22 vs 2QFY22, 9MFY22 vs 9MFY21: Higher expenses driven by more R&M activities.
Fuel Costs	5,280.6	4,670.9	609.7	13.1	13,992.4	7,651.9	6,340.5	82.9	
Fuel Price Adjustment	485.9	3,096.4	(2,610.5)	(84.3)	4,589.9	2,271.0	2,318.9	>100.0	
Fuel Subsidy - SESB	(74.5)	(256.4)	181.9	(70.9)	(452.9)	(202.6)	(250.3)	>100.0	3 9MFY22 vs 9MFY21: Higher depreciation mainly due to MFRS16 adjustment for EDRA Melaka power plant.
Total Cost of Generation	11,029.5	11,634.6	(605.1)	(5.2)	31,031.2	15,340.7	15,690.5	>100.0	
Staff Costs	950.8	946.5	4.3	0.5	2,822.7	2,851.1	(28.4)	(1.0)	
Repair & Maintenance	792.4	539.8	252.6	46.8	1,807.3	1,410.0	397.3	28.2	
TNB General Expenses	368.6	367.9	0.7	0.2	1,178.6	1,096.1	82.5	7.5	
Subs. General Expenses	391.8	419.0	(27.2)	(6.5)	1,264.7	1,445.3	(180.6)	(12.5)	
Total Non-Generation Cost	2,503.6	2,273.2	230.4	10.1	7,073.3	6,802.5	270.8	4.0	
Total Operating Expenses (without Depreciation)	13,533.1	13,907.8	(374.7)	(2.7)	38,104.5	22,143.2	15,961.3	72.1	
Depreciation & Amortisation	2,825.7	2,810.8	14.9	0.5	8,404.7	7,882.7	522.0	6.6	
Total Operating Expenses	16,358.8	16,718.6	(359.8)	(2.2)	46,509.2	30,025.9	16,483.3	54.9	

Higher Y-o-Y fuel costs mainly due to higher fuel prices

Table A – TNB & IPP Fuel Costs for Peninsula (RM mil)

Fuel Type	9MFY22		9MFY21		Variance	
					RM mil	%
Coal	20,810.4		9,485.8		11,324.6	>100.0
Gas	7,962.0		3,998.2		3,963.8	>100.0
Distillate	546.1		55.0		491.1	>100.0
Oil	105.1		1.3		103.8	>100.0
Total	29,423.6		13,540.3		15,883.3	>100.0

Note: Comprise TNB Fuel Costs & fuel payments to IPPs (part of Energy Payment), exclude solar.

Table B – TNB & IPP Units Generated for Peninsula (GWh)

Fuel Type	9MFY22		9MFY21		Variance	
	GWh	Gen. Mix	GWh	Gen. Mix	GWh	%
Coal	55,227.1	56.2%	55,413.6	59.7%	(186.5)	(0.3)
Gas & LNG	36,697.8	37.3%	31,309.8	33.7%	5,388.0	17.2
Distillate	479.9	0.5%	47.0	0.1%	432.9	>100.0
Oil	2.7	0.0%	31.0	0.0%	(28.3)	(91.3)
Hydro	4,773.7	4.9%	5,132.3	5.5%	(358.6)	(7.0)
Solar	1,153.5	1.2%	854.4	0.9%	299.1	35.0
Total	98,334.7	100.0%	92,788.1	100.0%	5,546.6	6.0

Table C – Fuel Costs Related Data

Fuel statistics	9MFY22	9MFY21
Average Coal Price Delivered (USD/MT)(CIF)	209.7	97.8
Average Coal Price Delivered (RM/MT)(CIF)	910.5	403.5
Coal Consumption (mil MT)	24.1	24.0
Gas Reference Market Price (RM/mmbtu)	<u>1QFY22</u> Tier 1 : 30.0 1QFY21 : 15.4 Tier 2 : 36.9 <u>2QFY22</u> Tier 1 : 30.0 2QFY21 : 18.9 Tier 2 : 38.2 <u>3QFY22</u> Tier 1 : 30.0 3QFY21 : 21.4 Tier 2 : 43.4	
Daily Average Piped Gas Volume (mmscfd)	893	778

Table D – Average Coal Price Delivered (USD/MT)

	9MFY22		9MFY21		Variance	
					USD	%
FOB	195.9		86.8		109.1	>100.0
Freight	13.3		10.5		2.9	27.3
Others	0.5		0.5		(0.0)	(6.1)
CIF	209.7		97.8		111.9	>100.0

Lower 3Q vs 2Q fuel costs due to higher generation from hydro plants

Table A – TNB & IPP Fuel Costs for Peninsula (RM mil)

Fuel Type	3QFY22		2QFY22		1QFY22		Variance 3Q vs 2Q	
	GWh	Gen. Mix	GWh	Gen. Mix	GWh	Gen. Mix	USD	%
Coal	18,830.2	56.5%	19,164.8	57.8%	17,232.1	54.1%	(334.6)	(1.7)
Gas	11,935.7	35.8%	12,309.8	37.1%	12,452.3	39.1%	(374.1)	(3.0)
Distillate	3.6	0.0%	137.1	0.4%	339.2	1.1%	(133.5)	(97.4)
Oil	2.7	0.0%	-	0.0%	-	0.0%	2.7	100.0
Hydro	2,095.6	6.3%	1,134.7	3.4%	1,543.4	4.8%	960.9	84.7
Solar	450.0	1.4%	401.5	1.2%	302.0	0.9%	48.5	12.1
Total	33,317.8	100.0%	33,147.9	100.0%	31,869.0	100.0%	169.9	0.5

Note: Comprise TNB Fuel Costs & fuel payments to IPPs (part of Energy Payment), exclude solar.

Table C – Fuel Costs Related Data

Fuel statistics	3QFY22	2QFY22	1QFY22
Average Coal Price Delivered (USD/MT)(CIF)	229.7	221.4	165.5
Average Coal Price Delivered (RM/MT)(CIF)	1,023.8	960.4	696.3
Coal Consumption (mil MT)	8.3	8.4	7.4
Gas Reference Market Price (RM/mmbtu)			
Tier 1	30.0	30.0	30.0
Tier 2	43.4	38.2	36.9
Daily Average Piped Gas Volume (mmscfd)	862	905	912

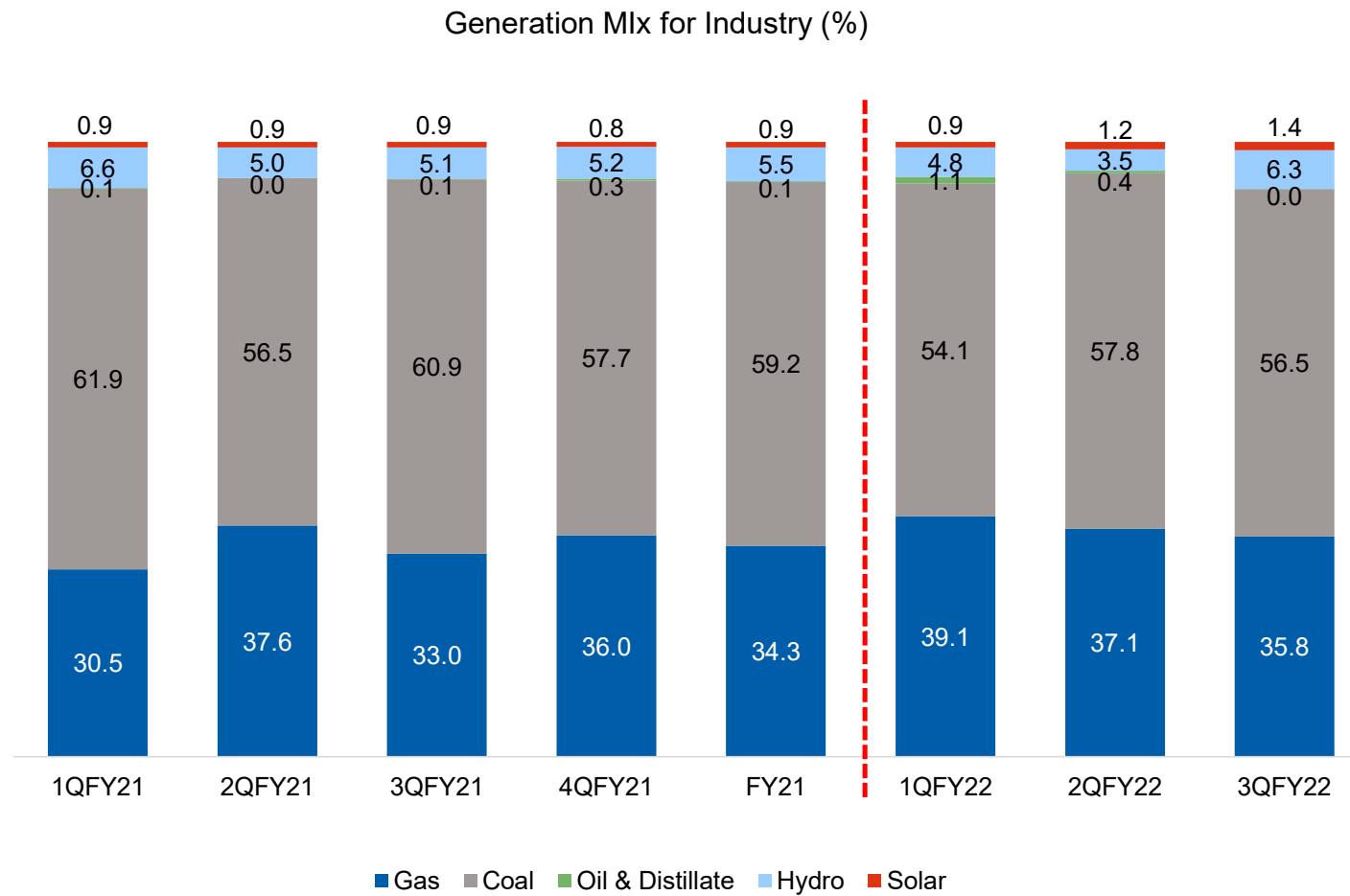
Table B – TNB & IPP Units Generated for Peninsula (GWh)

Fuel Type	3QFY22		2QFY22		1QFY22		Variance 3Q vs 2Q	
	GWh	Gen. Mix	GWh	Gen. Mix	GWh	Gen. Mix	USD	%
Coal	18,830.2	56.5%	19,164.8	57.8%	17,232.1	54.1%	(334.6)	(1.7)
Gas & LNG	11,935.7	35.8%	12,309.8	37.1%	12,452.3	39.1%	(374.1)	(3.0)
Distillate	3.6	0.0%	137.1	0.4%	339.2	1.1%	(133.5)	(97.4)
Oil	2.7	0.0%	-	0.0%	-	0.0%	2.7	100.0
Hydro	2,095.6	6.3%	1,134.7	3.4%	1,543.4	4.8%	960.9	84.7
Solar	450.0	1.4%	401.5	1.2%	302.0	0.9%	48.5	12.1
Total	33,317.8	100.0%	33,147.9	100.0%	31,869.0	100.0%	169.9	0.5

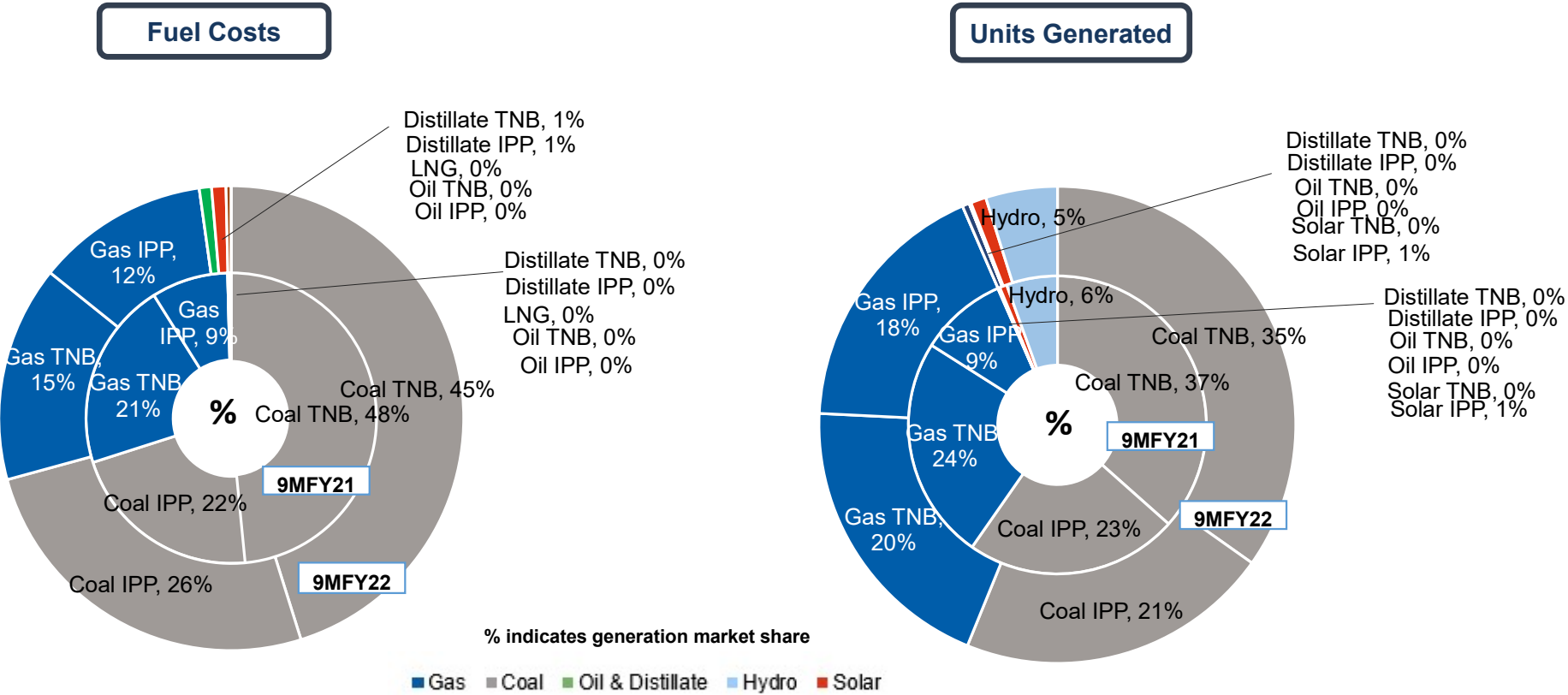
Table D – Average Coal Price Delivered (USD/MT)

	3QFY22	2QFY22	1QFY22	Variance 3Q vs 2Q	
	USD			USD	%
FOB	215.8	207.1	152.3	8.7	4.2
Freight	13.4	13.8	12.6	(0.4)	(2.7)
Others	0.5	0.5	0.5	(0.0)	(2.0)
CIF	229.7	221.4	165.4	8.3	3.7

Higher units generated from hydro in 3QFY22



Fuel Costs & Units Generated (TNB & IPPs – Peninsula)



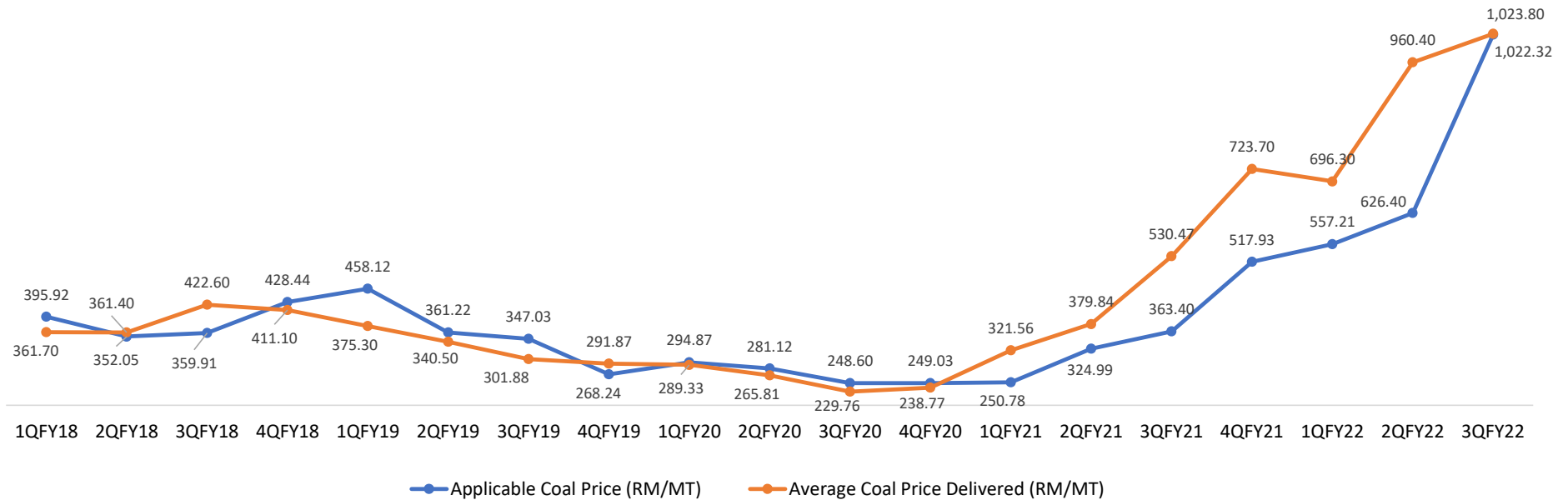
Note: Fuel Cost exclude solar and hydro

TNB is neutral to volatility in fuel costs under the ICPT framework

	3QFY21 (RM mil)	4QFY21 (RM mil)	1QFY22 (RM mil)	2QFY22 (RM mil)	3QFY22 (RM mil)
Reported Total Cost of Generation (with MFRS16)	6,107.3	8,438.1	8,367.1	11,634.6	11,029.5
Adjustment not related to IBR	756.6	753.6	909.5	948.3	840.2
TNB Capacity and VOR: SLA & SPV	1,372.9	1,594.8	1,816.1	1,621.5	2,191.0
Total Generation Costs (Related to IBR)	8,236.8	10,786.5	11,092.7	14,204.4	14,060.7
	3QFY21 (RM mil)	4QFY21 (RM mil)	1QFY22 (RM mil)	2QFY22 (RM mil)	3QFY22 (RM mil)
Single Buyer Actual Generation Costs: (A)	8,236.8	10,786.5	11,092.7	14,204.4	14,060.7
<i>Actual Sales (GWh)</i>	26,830.8	29,367.3	28,959.3	30,159.7	30,347.5
<i>Single Buyer Tariff (RM/kWh)</i>	0.2580	0.2580	0.2620	0.2620	0.2620
Actual Gen Cost Recovered (RM mil) (B)	6,923.2	7,577.7	7,587.3	7,901.8	7,951.0
ICPT Surcharge / (Rebate) (C) (C = A – B)	1,313.5	3,208.8	3,505.4	6,302.6	6,109.6

Note: Numbers manually computed will not match due to decimal variance

Coal price trending



Coal price & Applicable Coal Price (ACP) comparison

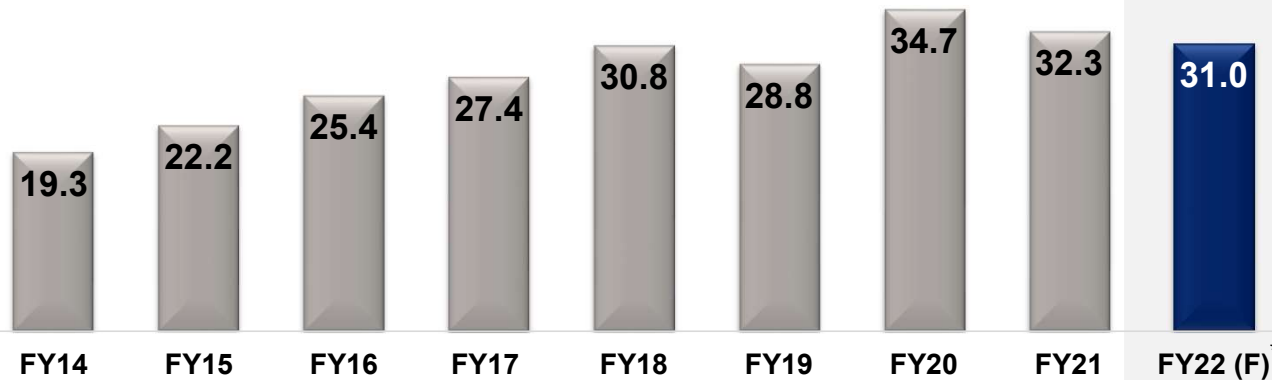
	4QFY21	1QFY22	2QFY22	3QFY22
Average Coal Price Delivered (RM/mmbtu) *	32.88	31.88	46.76	48.88
ACP (RM/mmbtu)	23.73	25.53	28.70	46.84

* Based on internal conversion

- Fuel Price Adjustments (FPA) is the difference between the Applicable Coal Price (ACP) used to bill the generators and the actual coal price paid to supplier. The difference is caused by higher or lower coal price or due to currency exchange.
- In 3QFY22, the base ACP (RM46.84/mmbtu) used for billing the generators is lower than the coal price paid to supplier (RM48.88/mmbtu).

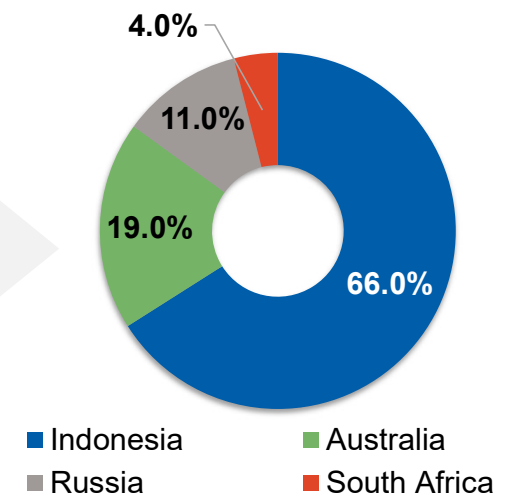
Industry coal requirement forecast for FY2022

Coal Consumption (mil MT)



* Based on tonnage planned for delivery in FY2022

Source Country Mix

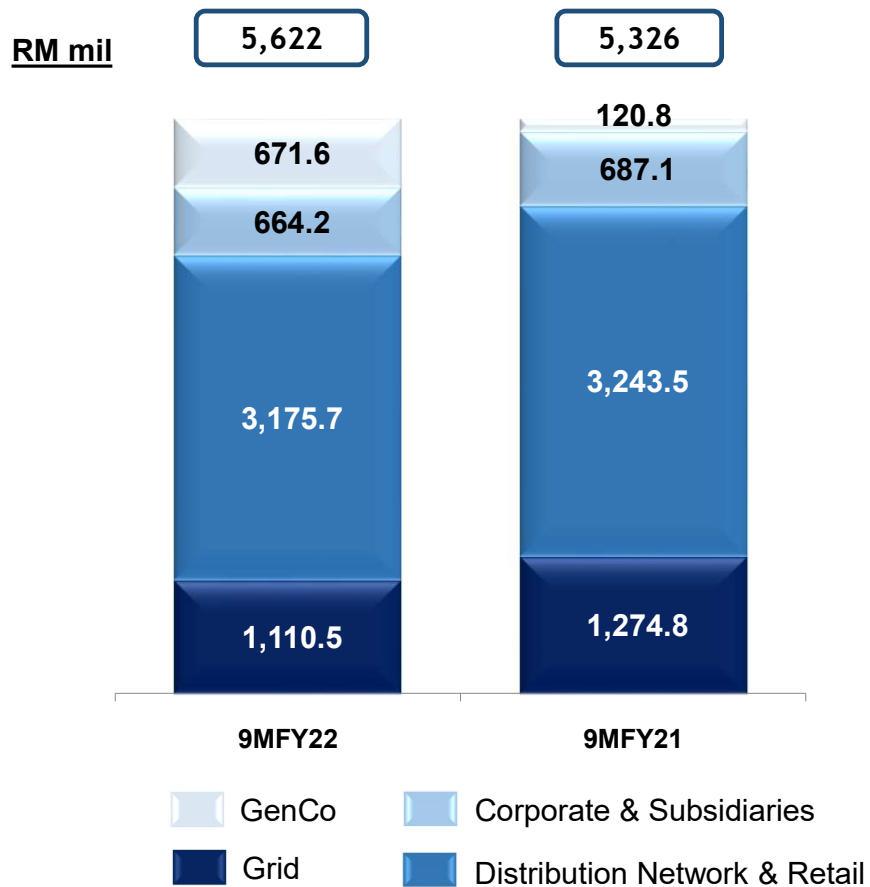


MFRS 16: Group PAT is negatively impacted by RM700.5 mil

Net Impact of MFRS 16 (Y-o-Y) analysis

	9MFY22 (RM mil)	9MFY21 (RM mil)	Variance (RM mil)
Capacity Payment	3,328.0	3,149.2	178.8
Depreciation	(2,902.4)	(2,607.0)	(295.4)
Finance Cost	(1,332.1)	(1,097.7)	(234.4)
Deferred Tax	206.0	121.3	84.7
Net Impact to PAT	(700.5)	(434.2)	(266.3)

Group CAPEX



Regulated CAPEX and Regulated Asset Base (RAB)

FY	RP3 REGULATED ENTITIES CAPEX		
	IBR Approved (RM mil)	Actual YTD (RM mil)	Utilisation (%)
2022	7,168.0	4,274.9 <i>As at Sept'22</i>	59.6%

Total RAB (RM mil)	
Actual 9MFY22	Approved FY2022
60,036.6	62,248.7
Regulatory net returns: RM3,394.7 mil	

Note: Numbers manually computed will not match due to decimal variance

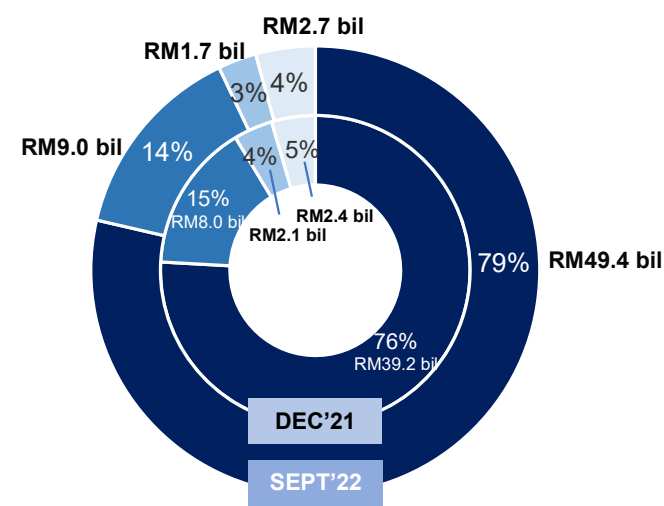
Gearing stood at 51.2% in 9MFY22

Statistics	30 Sept 2022	31 Dec 2021
Total Debt (RM bil)	62.9	51.7
Net Debt (RM bil)*	50.6	42.5
Gearing (%)	51.2	47.0
Net Gearing (%)	41.2	38.6
Fixed : Floating		
Underlying	96:4	95:5
Final Exposure	99:1	99:1
Effective Average Cost of Borrowing (based on exposure) **	4.54	4.61

* Net Debt excludes deposits, bank and cash balances and investment in UTF

** Inclusive of interest rate swap

Loan Breakdown



■ RM ■ USD ■ JPY ■ GBP

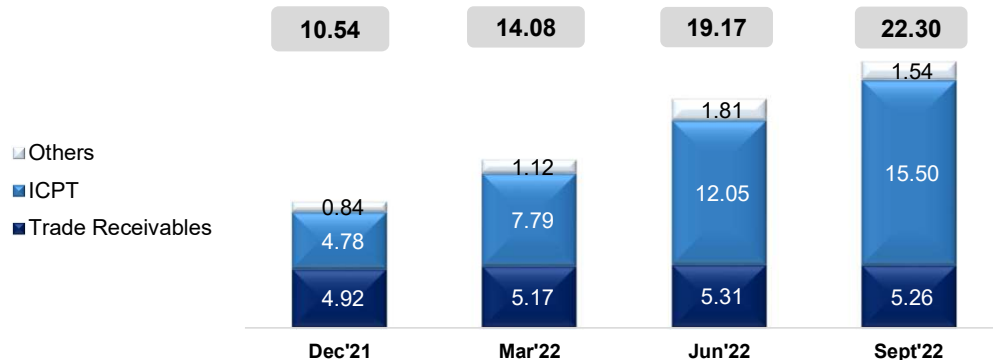
Closing Forex	30 Sept 2022	31 Dec 2021
USD/RM	4.64	4.17
100YEN/RM	3.21	3.63
GBP/RM	5.16	5.64

Note:
Debt consists of Principal + Accrued Interest

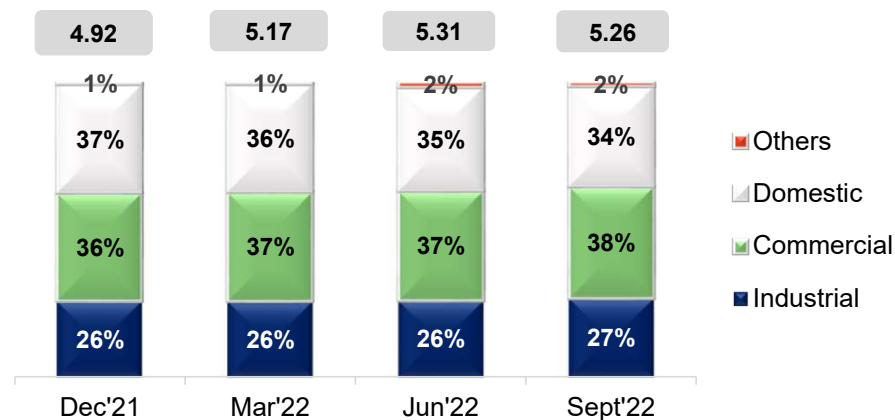
Improvement in trade receivables resulting from effective credit management

Total Receivables (RM bil)

Cost recovery for ICPT received from Government from June'22 to Nov'22 is RM4,833.0 mil



Trade Receivables By Sectors (RM bil)



Receivables and Cash flow

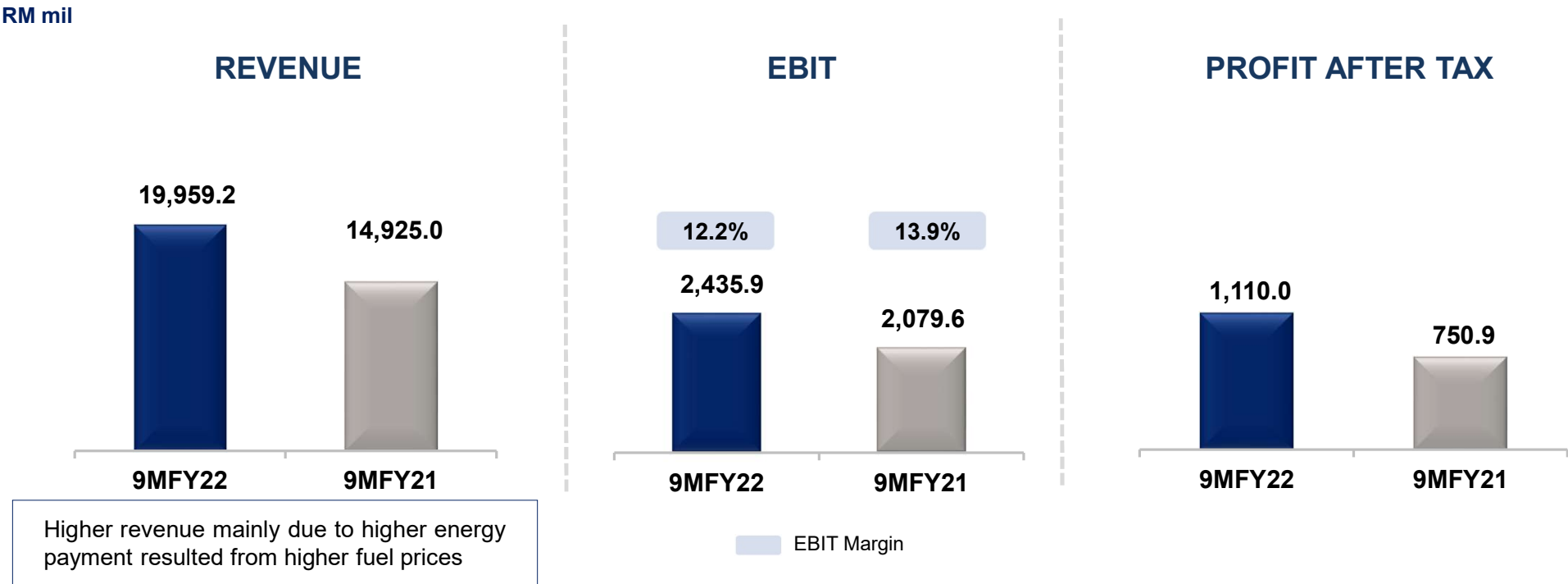
- Amid the high fuel cost, ICPT receivables is high due to the timing mismatch between the upfront payment made by TNB and recovery of the surcharges via the ICPT framework. The cost of working capital is also recoverable through ICPT.
- We continuously monitor our cash flow position on a daily basis and remain prudent on our working capital management.



Initiatives to improve collection

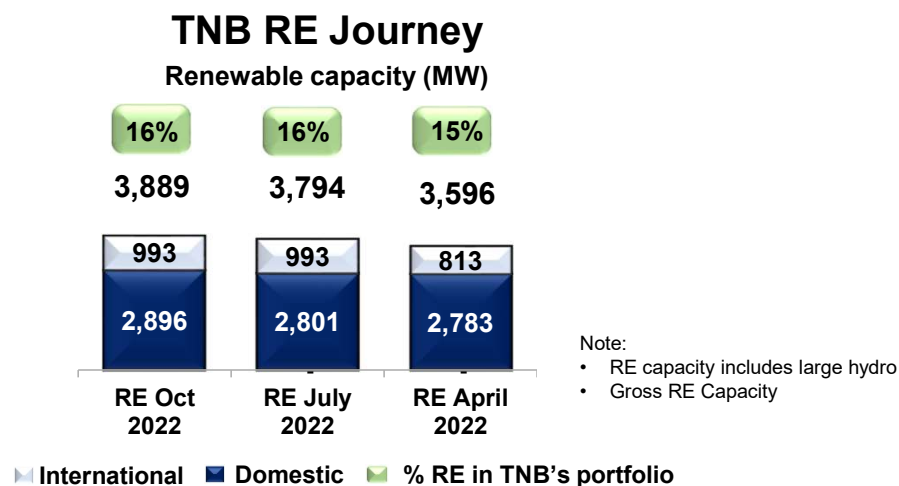
- Promotional activities to increase enrolment of Autopay, Direct Debit and e-Bulk Scheme to targeted domestic and non-domestic customers.
- Enrich customer experience, especially via digital payment channels such as myTNB, Online Banking and e-Wallet.
- Provide personalised engagement with large power consumers such as SMEs and Government and Large Business (GLB).
- Perform close monitoring on commercial and industrial customers with debt exposure, especially those under vulnerable sub-sectors.

Domestic generation business performance



Note: Includes generation related subsidiaries

Our RE journey is progressing well



Recent RE Progress

1) Domestic renewables

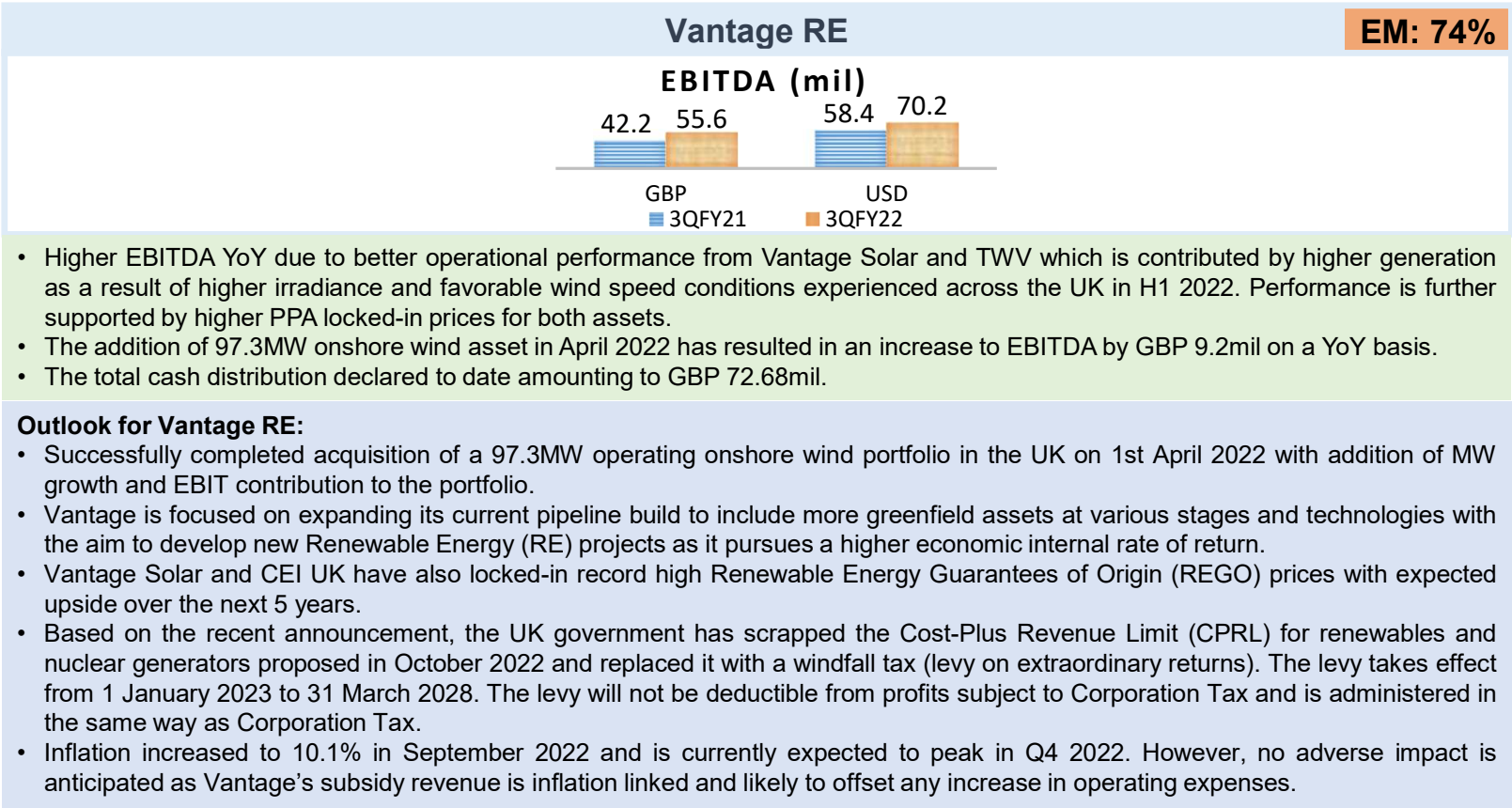
- We have signed a 30-year power purchase agreement for the 300MW Nenggiri hydro plant which is expected to commence on 1 June 2027. The construction works have started since 1 March 2022.
- GSPARX has successfully secured a total capacity of 240.9MW as of Oct 2022. (December 2021: secured 116.3MW)**
- Successfully commissioned a mini hydro of 4.0MW in Sungai Tersat, Kuala Berang in December 2021.

2) UK / Europe renewables

- In June 2022, Bajoli Holi hydro power plant of 180MW in GMR was successfully commissioned.
- In April 2022, we successfully acquired 97.3MW Onshore Wind Portfolio in the UK.
- We have successfully acquired a 49% stake in Blyth Offshore Demonstrator Ltd (BODL), an offshore UK wind farm company in October 2021, with existing floating offshore wind capacity of 41.5MW and further development rights for similar type of RE of up to 58.4MW.
- In May 2021, we acquired a 500kW FiT turbine in the UK.
- The formation and establishment of Vantage RE Ltd or RACo has been completed on 1 July 2021.

International Business - Core/Renewable energy (RE) assets

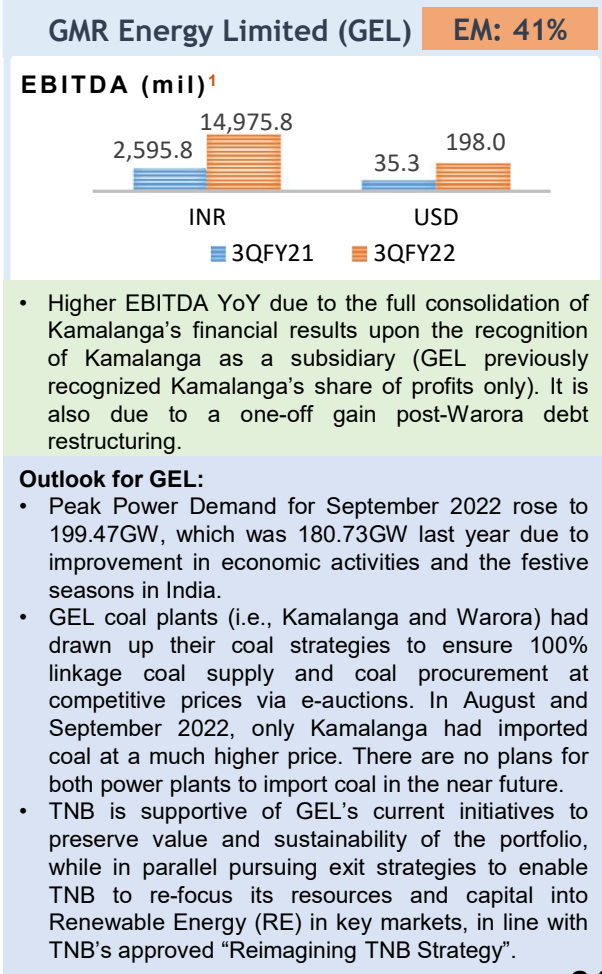
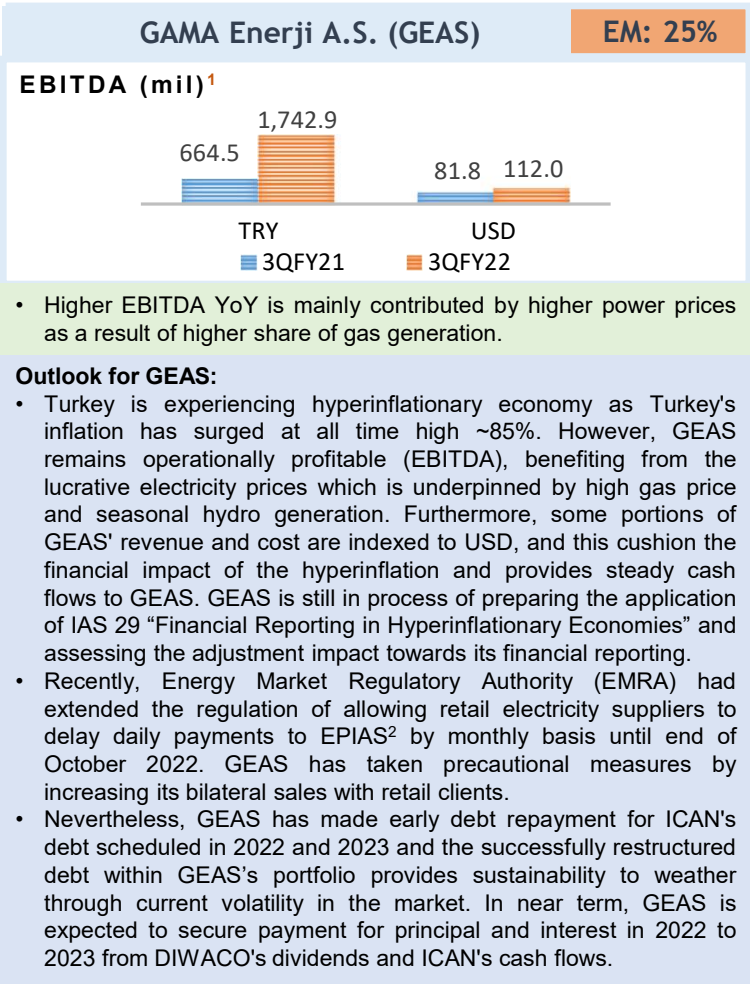
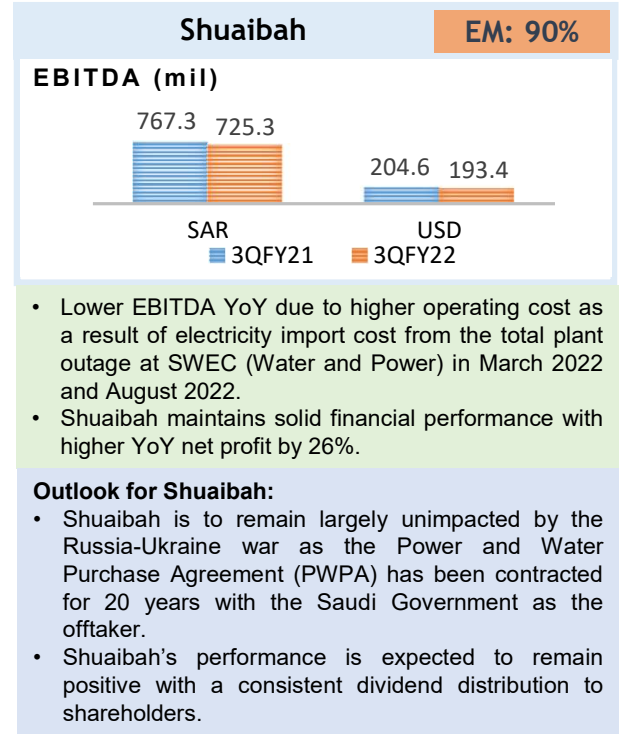
International Performance as at Sept'22



Notes:
EM: YTD EBITDA Margin

International Business – Non-core assets

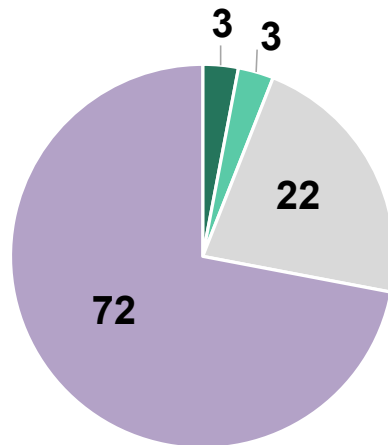
International Performance as at Sept'22



Notes:
EM: YTD EBITDA Margin
¹Reported 3 months lagging
²EPIAS is the market operator responsible for operating day-ahead, intra-day and balancing markets in the country

Ensuring revenue from coal remains below 25%, towards longer-term aspiration

Actual Group Revenue 9MFY22 (%)



■ RE ■ Related to Energy Transition (ET) ■ Coal ■ Others*

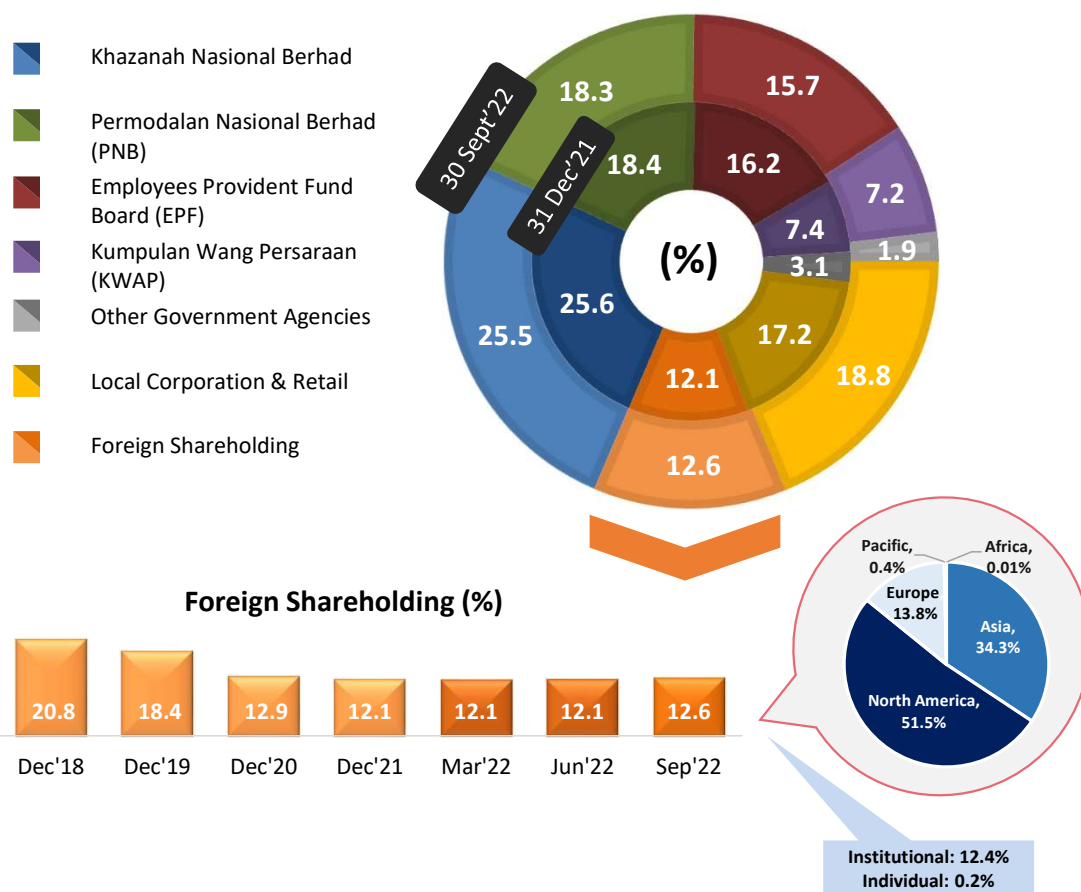
* Others include revenue from regulated entities, subsidiaries and generation from gas



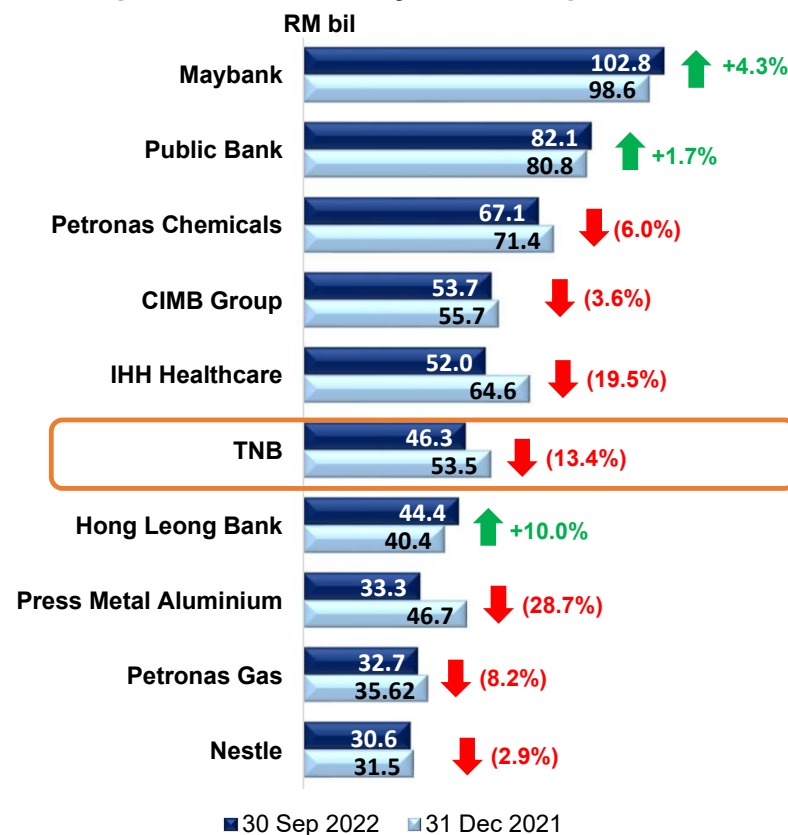
**Long-term aspiration:
aims to be coal-free by
2050**

- No new coal plant investment in the pipeline
- Reduction of coal capacity by 50% by 2035 & coal-free by 2050

TNB market capitalisation of RM46.3 bil as at 30 September 2022



Top 10 KLCI Stocks by Market Capitalisation



Note:

- Top 10 KLCI ranking by Market Capitalisation as at 30 Sept 2022
- TNB Latest Market Cap: RM48.2 bil (6th), as at 21 Nov 2022

Source: Share Registrar, Bloomberg and IR Internal Analysis

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THANK YOU

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