

Contents



1 KEY HIGHLIGHTS

2 FINANCIAL DETAILS

3 INDUSTRY OUTLOOK

Overview of FY'18



KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

	RP1	RP2
TNB's Regulated Return	7.5%	7.3%
Annual Regulatory Adjustment	Allowed to keep revenue due to higher average selling price compared to Base Tariff from favorable change in customers mix	Required to return revenue due to higher average selling price compared to Base Tariff and/or higher than allowed annual revenue for revenue-cap entities
Profit After Tax	FY2017 RM6.15bn	FY2018-2020 Lower than RP1
One-offs Adjustments for FY2018	Impairments for international invesOther adjustments of RM0.23bn	tment of RM1.07bn
Profit After Tax FY2018	Reported profit of RM3.75bnNormalized profit of RM5.44bn	
Dividend FY2018	 Group Adjusted PATAMI : RM5.42bn Dividend payout : 56% @ RM Total dividend : 53.3 sen point Interim dividend : 30.3 sen point Final dividend : 23.0 sen point 	3.03bn. Der share Der share

Normalised PAT of RM5.44bn After One-offs Adjustments

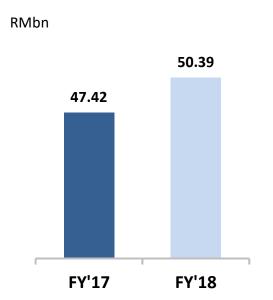


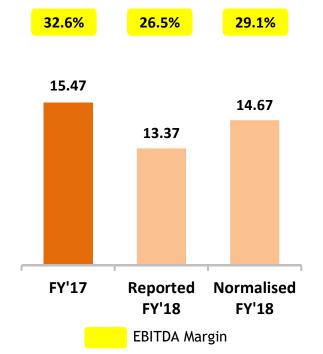
KEY HIGHLIGHTS

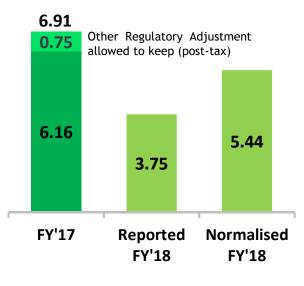
FINANCIAL DETAILS

INDUSTRY OUTLOOK

APPENDIX









REVENUE

 Higher revenue due to net increase in sales of electricity after other regulatory adjustments and ICPT



EBITDA

- Lower EBITDA mainly due impairment for :
- i) GAMA of RM0.50bn
- ii) GMR of RM0.30bn
- iii) Financial guarantee for GAMA of RM0.27bn



PAT

- PAT further reduced due to substantial forex translation losses of RMO.39bn
- Normalised PAT of RM5.44bn After One-Off Adjustments

High Dividend Payout at 56% of Adjusted PATAMI



KEY HIGHLIGHTS

FINANCIAL DETAILS

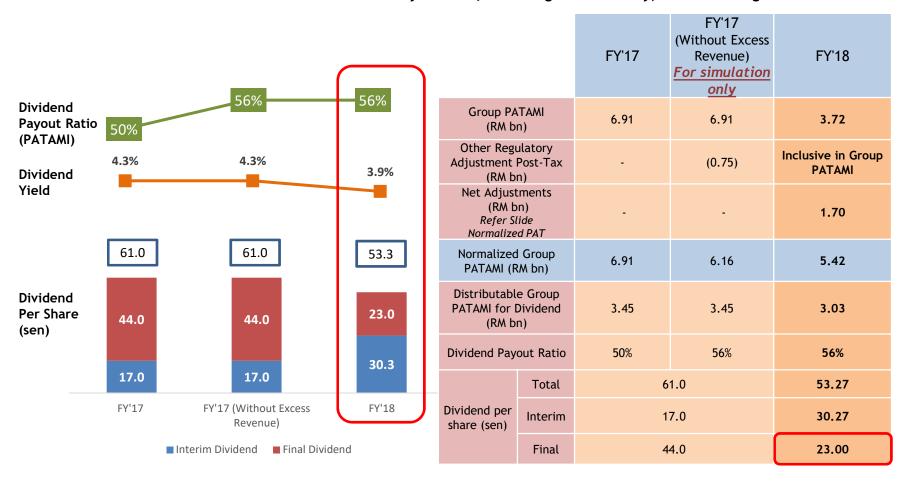
INDUSTRY OUTLOOK

APPENDIX

Dividend Policy

Distribution of dividend is based on 30% to 60% dividend payout ratio, based on the reported Consolidated Net Profit

Attributable to Shareholders After Minority Interest, excluding Extraordinary, Non-Recurring items



Lower Capex Towards Completion of Major Projects



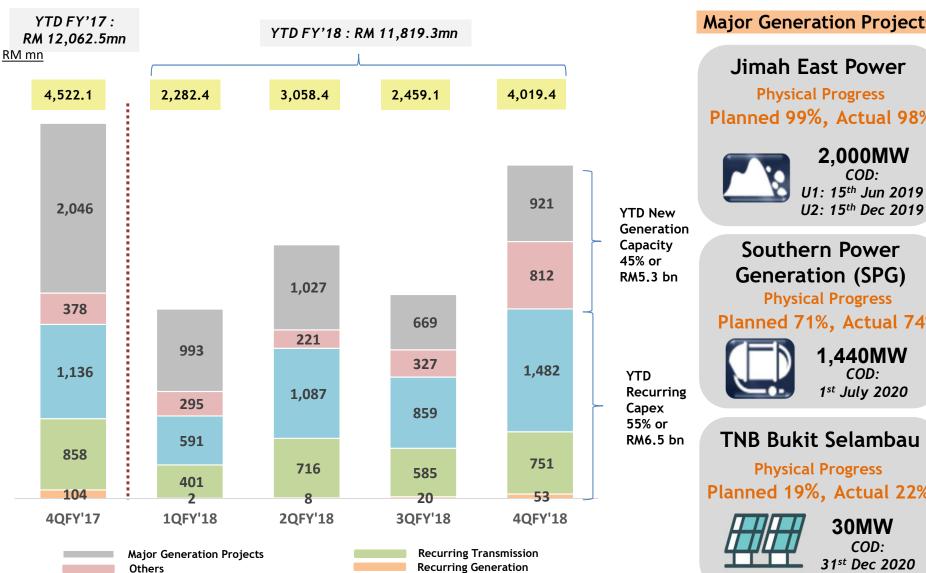
KEY HIGHLIGHTS

FINANCIAL DETAILS

Recurring Distribution

INDUSTRY OUTLOOK

APPENDIX



Major Generation Projects

Jimah East Power

Physical Progress Planned 99%, Actual 98%

2,000MW

U1: 15th Jun 2019

Southern Power Generation (SPG)

Planned 71%, Actual 74%

1.440MW

TNB Bukit Selambau

Planned 19%, Actual 22%

COD: 31st Dec 2020

Reducing Trend of Foreign Shareholding



KEY HIGHLIGHTS

Aug'15

Aug'16

Aug'17

Dec'17

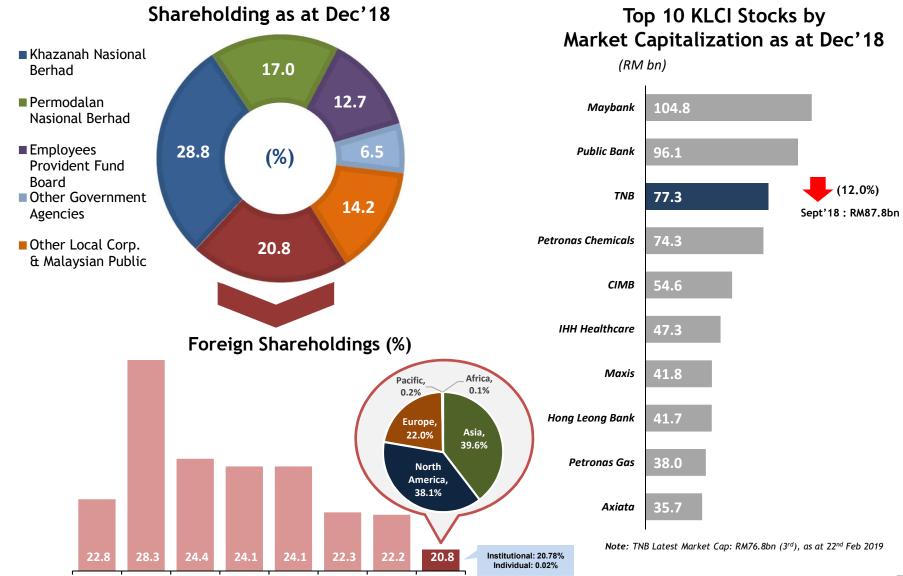
Mar'18

Jun'18

Sept'18 Dec'18

FINANCIAL DETAILS

INDUSTRY OUTLOOK



Overall International Investment Performance



KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

			EBITDA			
	1Q	2Q	3Q	4Q	YTD	Status / Issue
Associate Reporting period as at	Dec'17	Mar'18	Jun'18	Sept'18	FY'18	
Malaysian Shoaiba (RM mn)		Positive Y	TD EBITDA	of RM122.	4	The investment entity is forecasted to continue distributing a stable dividend to its shareholders. Accumulated Dividend paid to date is RM154.0mn. YTD plants availability of is 93.6%.
GAMA (USD mn)	31.6	29.5	30.6	19.2	110.9	Operationally, GAMA remains EBITDA positive. YTD plants availability of is 80.8%.
GMR (USD mn)	4.7	61.6	25.4	20.7	112.5	Operationally, GMR remains EBITDA positive. YTD plants availability of is 89.8%
Vortex* (RM mn)	17.1	61.4	94.7**		173.2	The fluctuation of the quarterly EBITDA is due to seasonal factors. YTD plants availability of is 96.1%.
Tenaga Wind Ventures* (RM mn)	N/A	15.1	12.1	14.2	41.4	Higher 4Q EBITDA due to stronger months between October to March (winter season). YTD plants availability of is 98.8%.

^{*}Similar to TNB reporting period

^{**}Accumulated EBITDA for 6 months

4Q Revenue Impacted by Other Regulatory Adjustment & Lower Sales of Electricity



KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

	4QFY'1	8	3QFY'1	8	2QFY'1	8	1QFY'1	8	Variance 4Q vs 3Q
UNITS SOLD	GWh		GWh		GWh		GWh		GWh
- TNB	28,478.3		28,916.5		29,005.0		27,069.5		(438.2)
- EGAT (Export)	-		-		(1.4)		5.2		-
- SESB	1,351.4		1,360.1		1,369.7		1,264.0		(8.7)
- UK WIND (TNBI)	29.0		16.2		15.3		8.4		12.8
- LPL	390.9		570.7		140.1		-		(179.8)
Total Units Sold (GWh)	30,249.6		30,863.5		30,528.7		28,347.1		(613.9)
		Sen/		Sen/		Sen/		Sen/	
REVENUE	RM mn	KWh	RM mn	KWh	RM mn	KWh	RM mn	KWh	(RM mn)
Sales of Electricity									
- TNB *	11,272.3	39.6	11,512.8	39.8	11,531.0	39.8	10,712.5	39.6	(240.50)
- EGAT (Export)	-	-	-	-	0.4	-	1.3	-	
- SESB	462.0	35.2	466.6	34.3	469.8	34.3	431.7	34.2	(4.60)
- UK WIND (TNBI)	29.9	121.9	19.2	124.6	20.2	128.7	10.3	122.6	10.70
- LPL	165.0	42.2	161.6	28.3	81.9	58.5	13.8		3.40
Sales of Electricity	11,929.2	39.4	12,160.2	39.4	12,103.3	39.6	11,169.6	39.4	(231.0)
LPL Operating Lease (MFRS117)	9.3		9.3		12.0		6.6		-
Unbilled Revenue	81.9		90.0		(191.2)		144.2		(8.1)
Imbalance Cost Pass-Through	**970.7		479.6		245.2		634.1		491.1
Other Regulatory Adjustment	***(639.8)		-		-		-		(639.8)
SESB Tariff Support Subsidy	(79.6)		120.9		119.2		111.8		(200.5)
Total Sales of Electricity	12,271.70		12,860.00		12,288.50		12,066.30		(588.3)
Goods & Services	208.8		180.8		128.1		124.9		28.0
Customers' Contribution	66.3		33.0		81.3		82.8		33.3
Total Revenue	12,546.80		13,073.80		12,497.90		12,274.00		(527.0)

^{*} Without ICPT

^{**} Please refer appendix 4 for more details. *** Please refer appendix 6 & 7 for more details.

Steady Y-o-Y Sales Growth



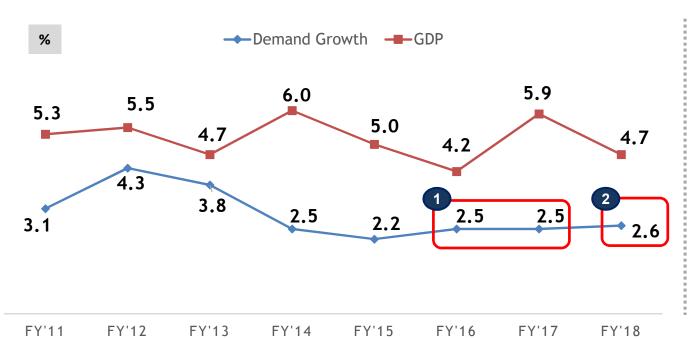
KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

APPENDIX

GDP & Demand Growth by Financial Year



By Calendar Year	Growth (%)
JAN'16- DEC'16	4.6
JAN'17- DEC'17	0.1
JAN'18- DEC'18	2.6

Average demand growth for FY2016 & FY2017. This is to eliminate the one-off El-Nino phenomenon during 3QFY'16

Comparison between Jan'18-Dec'18 and Jan'17-Dec'17

Positive Growth for All Sectors



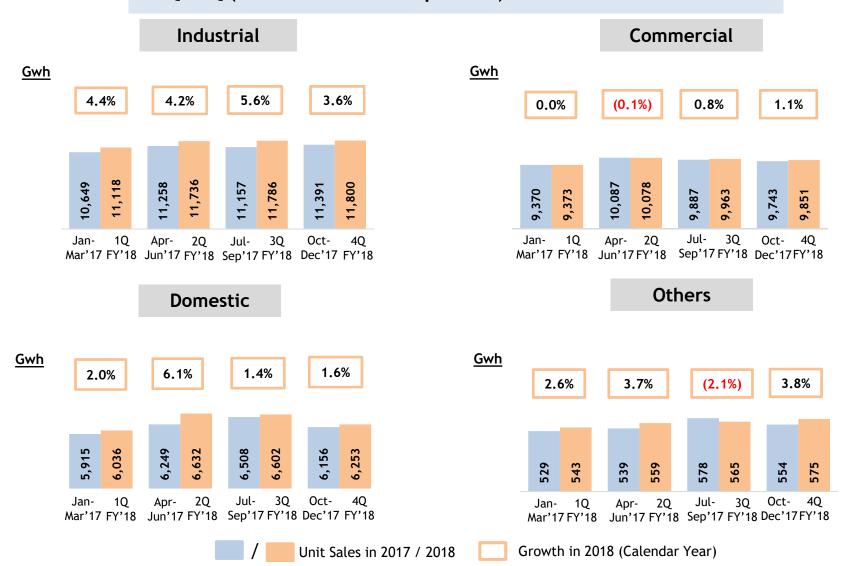
KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

APPENDIX

Q-o-Q (Calendar Year Comparison) Sectoral Demand Growth



Q-o-Q Operating Expenses Increased by 2.6%



KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

APPENDIX

RM mn	4QFY'18	3QFY'18	2QFY'18	1QFY'18	Varia 4Q vs	
				-	RM'mn	%
Non-TNB IPPs Costs	4,248.3	4,255.2	3,889.6	3,664.6	(6.9)	(0.2)
Capacity Payment	974.1	1,039.1	981.2	1,009.1	(65.0)	(6.3)
Energy Payment	3,274.2	3,216.1	2,908.4	2,655.5	58.1	1.8
Fuel Costs	3,015.5	3,275.3	2,736.2	2,482.3	(259.8)	(7.9)
Total Cost of Generation	7,263.8	7,530.5	6,625.8	6,146.9	(266.7)	(4.0)
Depreciation & Amortisation	1,784.7	1,621.7	1,553.0	1,532.0	163.0	10.1
Staff Costs	791.9	1,084.5	875.7	939.1	(292.6)	(27.0)
Repair & Maintenance	614.9	566.8	466.1	433.3	48.1	8.5
Net Loss on Impairment of Financial Instrument	2 212.6	-	-	-	212.6	>100.0
TNB General Expenses	584.9	508.4	548.4	469.9	76.5	15.0
Subs. Cost of Sales & Opex	848.1	479.0	614.4	245.6	3 369.1	77.1
Total Non-Generation Costs	4,837.1	4,260.4	4,057.6	3,619.9	576.7	14.2
Total Operating Expenses	12,100.9	11,790.9	10,683.4	9,766.8	310.0	2.6

Lower Staff Costs mainly due to :

- i) Non-recurring net salary adjustment of RM80mn due to MFRS119
- ii) Net operational staff cost reduction in OPEX of RM200mn due to higher staff cost capitalized for FY'18

Includes impairment of financial guarantee made to GAMA of RM269.9mn (YTD)

Include Impairment of GMR of RM304.7mn

Q-o-Q Lower Units Generated and Reduction in Gas Consumption



KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

		Fue	l Costs (RM m	n)		
					Varia	nce
Fuel Type	4QFY'18	3QFY'18	2QFY'18	1QFY'18	4Q vs	s 3Q
					RM mn	%
Gas	2,374.2	2,649.0	2,409.4	2,115.3	(274.8)	(10.4)
LNG	116.4	60.7	19.6	17.0	55.7	91.8
Coal	3,116.9	3,225.6	2,905.9	2,454.1	(108.7)	(3.4)
Dist.	10.9	0.7	23.2	11.8	10.2	>100.0
Oil	4.3	0.7	6.9	7.3	3.6	>100.0
Solar	•	-	-	-	-	-
Total	5,622.7	5,936.7	5,365.0	4,605.5	(314.0)	(5.3)

Unit Generated (Gwh)								
					Varia	nce		
Fuel Type	4QFY'18	3QFY'18	2QFY'18	1QFY'18	4Q vs 3Q			
					Gwh	(%)		
Gas & LNG	12,047.2	13,760.3	12,352.1	12,444.6	(1,713.1)	(12.4)		
Coal	17,999.7	17,669.7	18,460.9	16,242.2	330.0	1.9		
Dist.	0.0	0.0	21.5	4.8	0.0	>100.0		
Oil	(3.3)	1.7	22.3	14.0	(5.0)	>(100.0)		
Hydro	1,231.7	1,080.3	1,096.9	1,493.9	151.4	14.0		
Solar	32.6	-	-	-	32.6	>100.0		
Total	31,307.9	32,512.0	31,953.7	30,199.5	(1,204.1)	(3.7)		

Q-o-Q	4QFY'18	3QFY'18	2QFY'18	1QFY'18
Daily Average Gas Volume (mmscfd)	902	1,016	923	949
Average LNG Price (RM/mmbtu)	33.25	31.63	30.98	30.05
Average Piped Gas Price (RM/mmbtu)	25.70	25.70	24.20	24.20
Average Coal Price Delivered (USD/MT)(CIF)	98.96	102.5	91.1	92.1
Average Coal Price Delivered (RM/MT)(CIF)	411.14	422.60	361.4	361.7
Coal Consumption (mn MT)	8.0	7.7	8.0	7.1

Average Coal Price Delivered (USD/MT)									
	4QFY'18	3QFY'18	2QFY'18	1QFY'18	Variai 4Q vs				
					USD	%			
FOB	90.7	94.3	83.5	84.8	(3.6)	(3.8)			
Freight	7.9	7.7	7.4	6.8	0.2	2.6			
Others	0.4	0.5	0.2	0.5	(0.1)	(20.0)			
CIF	99.0	102.5	91.1	92.1	(3.5)	(21.2)			

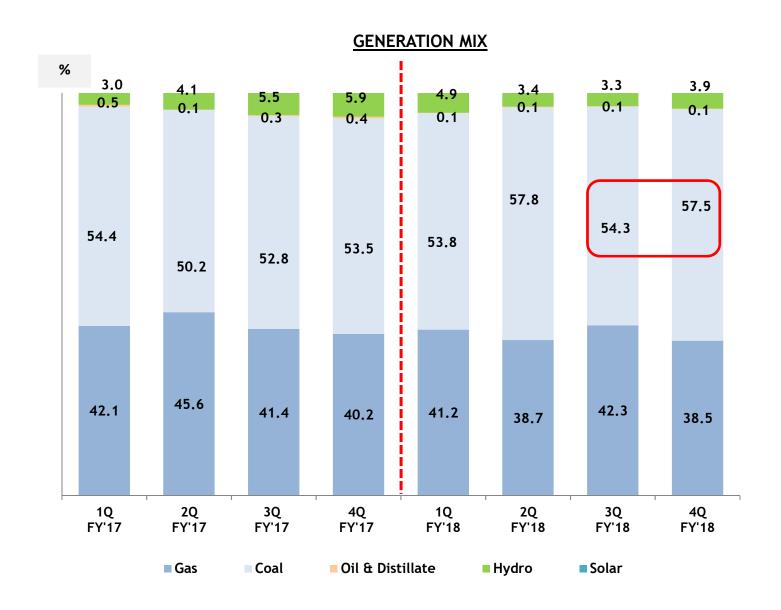
Q-o-Q Improved Coal Plants Performance



KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK



Higher Coal Requirement Expected for 2019

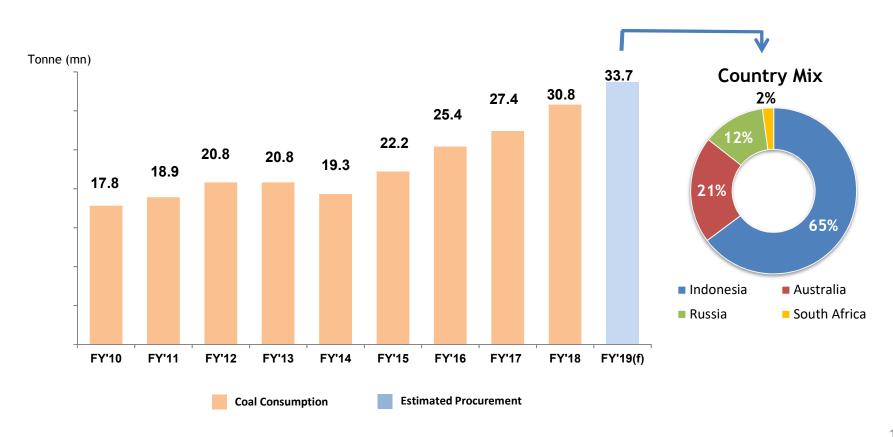


KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

Average Coal Price (CIF)	FY'10	FY'11	FY'12	FY'13	FY'14	FY'15	FY'16	FY'17	FY'18
USD/metric tonne	88.2	106.9	103.6	83.6	75.4	66.0	55.7	72.7	95.9
RM/metric tonne	293.8	325.9	321.9	259.5	244.6	236.0	231.1	314.7	388.1



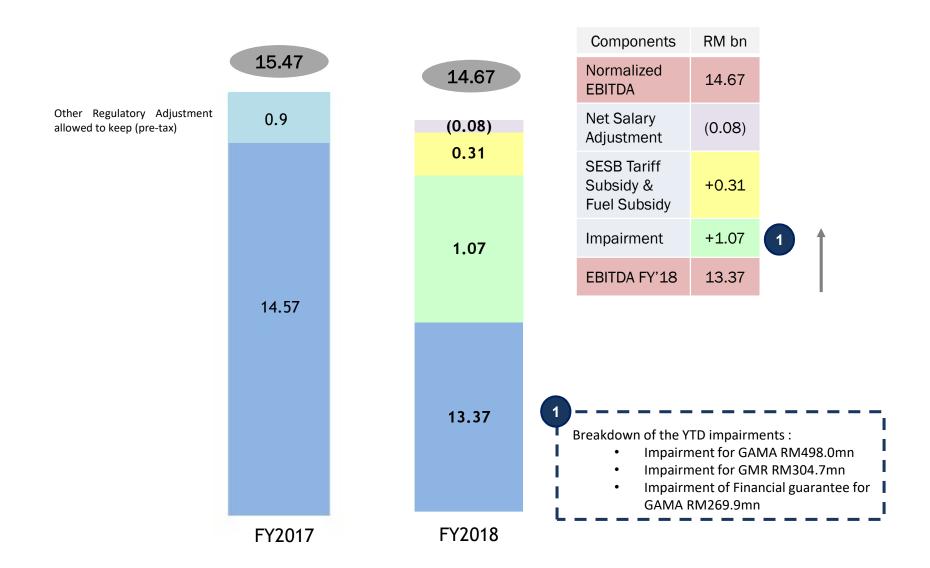
Normalized FY'18 EBITDA After One-offs Adjustments



KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK



Normalized FY'18 PAT After One-offs Adjustments



KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

APPENDIX

5.44 (0.08) 0.31 0.39 1.07

Components	RM bn
Normalized PAT	5.44
Net Salary Adjustment	(80.0)
SESB Tariff Subsidy & Fuel Subsidy	+0.31
Forex Translation (Gain)/ Loss	+0.39
Impairment	+1.07
PAT FY'18	3.75

FY2018 ₁₇

Why is FY'18 Normalized PAT is still lower than FY'17 PAT?



Mainly from recognition I of full year depreciation I

of Manjung 5

KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

APPENDIX

1	I
For simulation purposes, Other Regulatory Adjustment for FY17 of RM0.75bn is deducted since the normalized PAT of FY18 of RM5.44bn is excluding Other	
Regulatory Adjustment of RM0.64bn.	

6.91
0.02
0.31
0.39
0.75

5.44

Components	RM bn	
PAT FY'17	6.91	2
Other net movement	+0.02	
Movement between FY'18 and FY'17 Share of Loss in associate	+0.31	 -
Additional Depreciation in FY'18	+0.39	2
Other Regulatory Adjustment Allowed to Keep for FY'17 (Post Tax)	+0.75	1
Normalized PAT FY'18	5.44	

FY2018 18

Gearing Level Registered at 44.8%

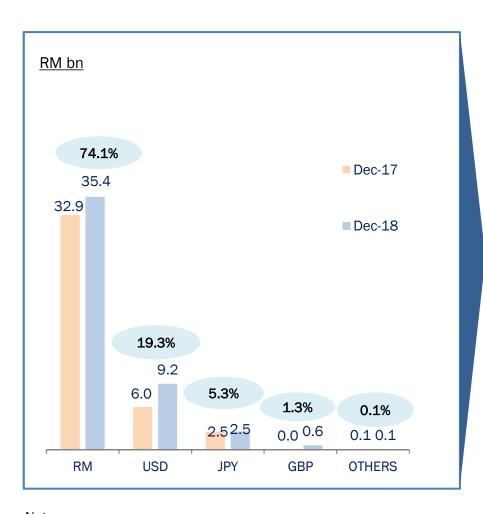
KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

APPENDIX





Statistics	31 st Dec'18
Total Debt (RM' Bil)	47.8
Net Debt (RM' Bil)*	29.8
Gearing (%)	44.8
Net Gearing (%)	27.9
Fixed : Floating	95:5
Weighted Average Cost of Borrowing	4.98
Final Exposure**	4.99

^{*} Net Debt excludes deposits, bank and cash balances & investment in UTF

^{**} Inclusive of interest rate swap

Closing FOREX	31 st Dec'18
USD/RM	4.14
100YEN/RM	3.75
GBP/RM	5.27
USD/YEN	110.28

Note:

Debt consists of Principal + Accrued Interest + Accounting Treatment (FRS139)

The Malaysian Electricity Supply Industry (MESI) has continuously undergone reforms over the past decades



KFY HIGHLIGHTS

FINANCIAL DETAILS

Privatisation of the

Electricity Supply Act

TNB privatised in 1990

and listed on the Kuala

Lumpur Stock Exchange

The first generation of

introduced competition

Independent Power

into the Generation

Producers (IPPs)

introduced in 1990

industry

1990s - 2000

in 1992

segment

INDUSTRY OUTLOOK

APPENDIX

2014 - 2018

Instilling good governance

- **Energy Commission** (ST) established in 2001
- Reform 1.0 in late 2009, including
 - award tenders
 - Incentive Based Regulation (IBR) with Imbalance Cost Pass Through
 - Accounting unbundling
 - Gradual rationalization of gas subsidies

Increasing efficiency and sustainability

- Launch of IBR framework in 2014 to encourage cost efficiencies and ensure financial sustainability of the system
- **IBR** guidelines refreshed for second regulatory period (RP2) starting 2018
 - Revenue cap expanded to both Transmission Grid and Distribution Network
 - Productivity targets imposed on cost allowance

MESTECC announced intent to pursue **MESI 2.0** reforms

Future of MESI

Bevond

Electrifying the nation Pre 1990s

- National grid completed to supply electricity to Peninsular Malaysia
- Increase in electrification to 94%
- Electricity supplied by **National Electricity** Board (NEB)

2001 - 2013

- Competitive IPP
- (ICPT)

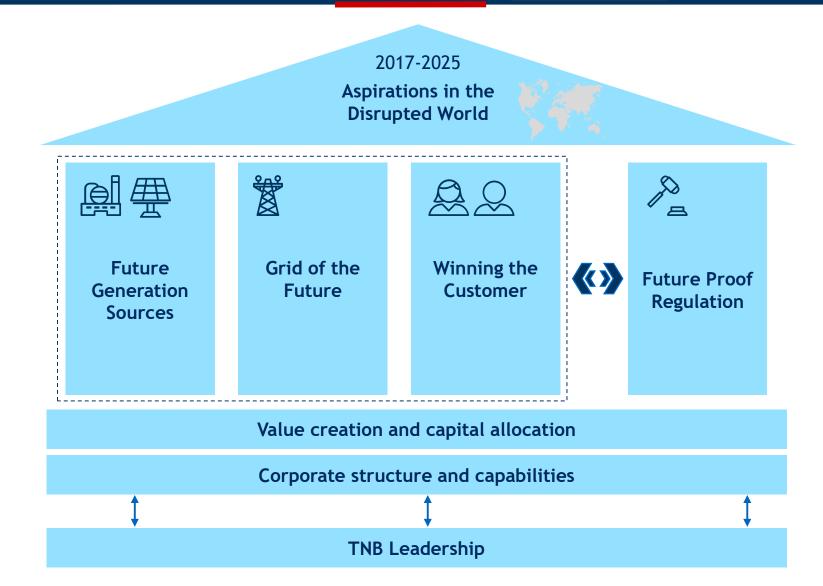
Reimagining TNB was developed in 2016 to prepare TNB for the evolving landscape



KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK



Under MESI 2.0, TNB supports reforms to deliver against 5+1 key objectives



KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

APPENDIX

Cost efficient ensure continued Increase energy tariffs achieved investment in efficiency through system Reduce carbon Maintain World class efficient intensity security of customer performance through supply with experience and service **Value** renewables and sufficient delivery new technologies reserve margins More products and better Green **Efficiency** High level of services to end system quality consumer with with world class wider range of SAIDI level choices **Security** Experience

Fair shareholder

returns to

Role of MESI in delivering Malaysia's National Development Agenda for Green Technology

National Agenda

TNB has already taken steps that are in support of the objectives for MESI



KEY HIGHLIGHTS F	INANCIAL DETAILS INDUSTRY OUTLOOK APPENDIX
Security	 Malaysia has strong security of supply with high generation reliability and stable fuel supply SAIDI has improved to 48.22 minutes from 64.20 minutes in FY2013
Efficiency	 TNB is committed to delivering increased efficiency and productivity under IBR determination for 2nd regulatory period (2018-2020) Launched Generation Division Business Turnaround Programme to deliver efficiencies across TNB power plants
Value	 Incentive Based Regulation (IBR) as the cornerstone of regulation since 2014 Imbalance Cost Pass Through (ICPT), primarily for fuel costs, has been consistently adhered to per regulations since 2014 Positive signal for market that Government is committed to providing a fair and stable regulatory framework
Green	 50MW Large Scale Solar at Sepang, Selangor started operations Innovative Rooftop Solar Leasing Plans by GSPARX Energy efficiency (EE) initiatives in support of MESTECC's aspirations of achieving 8% savings from EE by 2025 Multiple products launched e.g., Smart Meter rollout, Home Energy Report saved 47.8 GWh, MaEVI Home Energy Management System launched
Experience	 Dedicated Retail division established with Chief Retail Officer appointed Customer Satisfaction Index at 8.1 up from 7.5 in FY2013







THANK YOU

COE INVESTOR RELATONS GROUP FINANCE DIVISION

Tenaga Nasional Berhad 4th Floor, TNB Headquarters No.129, Jalan Bangsar, 59200 Kuala Lumpur, MALAYSIA

Tel : +603 2296 6748 Fax : +603 2284 0095

Email : tenaga ird@tnb.com.my

Website : www.tnb.com.my

IR OFFICERS:

- 1) Anis Ramli
 - · +603 2296 6821
 - AnisRa@tnb.com.my
- 2) Nizham Khan
 - +603 2296 6951
 - nizham.jamil@tnb.com.my
- 2) Sathishwaran Naidu
 - +603 2296 3618
 - sathishwaran@tnb.com.my



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Consistent Technical Performances



KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

APPENDIX 1

Equivalent
Plant Availability
Factor (EAF)

Transmission
System Minutes

Distribution SAIDI



89.92%* *FY'17 87.30%**



0.35 mins *FY'17 : 0.23 mins*



48.19 mins *FY'17:50.20 mins*

Note:

^{*}The figure is for all TNB plants

YEAR-ON-YEAR (Y-o-Y) ANALYSIS



KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

- Higher Revenue due to Increase in Sales of Electricity of RM1.6bn
- Higher OPEX due to One –Offs Adjustments of RM1.3bn*
- Further Reduction of Profit Contributed by Forex Translation Loss & Loss in Share of Associates

RM mn			Variance (RM mn)	Variance (%)
Revenue	50,392.5	47,416.9	2,975.6	6.3
Operating expenses (without depreciation)	(37,850.7)	(32,969.2)	(4,881.5)	14.8
Other operating income	825.1	1,021.3	(196.2)	(19.2)
EBITDA	13,366.9	15,469.0	(2,102.1)	(13.6)
EBITDA Margin (%)	26.5%	32.6%		
Depreciation	(6,491.3)	(6,105.0)	(386.3)	6.3
EBIT	6,875.6	9,364.0	(2,488.4)	(26.6)
Foreign exchange:				
- Transaction gain / (loss)	(25.2)	21.6	(46.8)	>(100.0)
- Translation gain / (loss)	(393.1)	(13.7)	(379.4)	>(100.0)
Share of results of joint ventures	27.2	25.0	2.2	8.8
Share of results of associates	(209.9)	103.3	(313.2)	>(100.0)
Profit before finance cost	6,274.6	9,500.2	(3,225.6)	(34.0)
Fair value of financial instrument	36.7	48.4	(11.7)	(24.2)
Finance income	423.8	216.7	207.1	95.6
Finance cost	(1,688.5)	(1,483.5)	(205.0)	13.8
Profit from ordinary activities before taxation	5,046.6	8,281.8	(3,235.2)	(39.1)
Taxation and Zakat:				
- Company and subsidiaries	(1,034.8)	(643.7)	(391.1)	60.8
- Deferred taxation	(266.8)	(726.0)	459.2	(63.3)
Profit for the period	3,745.0	6,912.1	(3,167.1)	(45.8)
Attributable to:				
- Owners of the Company	3,723.7	6,904.0	(3,180.3)	(46.1)
- Non-controlling interests	21.3	8.1	13.2	>100.0
Profit for the period	3,745.0	6,912.1	(3,167.1)	(45.8)

Normalised Maximum Demand for 4QFY'18



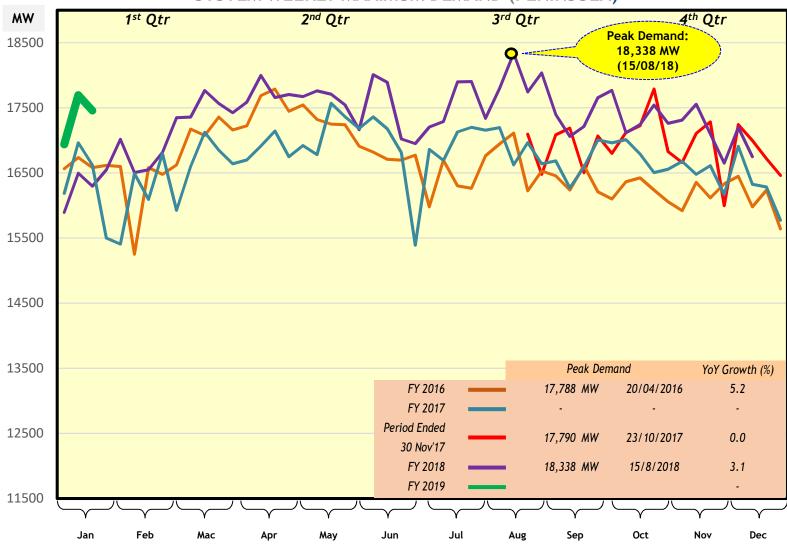
KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

APPENDIX 3

SYSTEM WEEKLY MAXIMUM DEMAND (PENINSULA)



^{*}The quarter arrangement is base on the new Financial Year (Jan - Dec)

Continuous Effective ICPT Implementation



KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

APPENDIX 4

	1QFY'18 (RM mn)	2QFY'18 (RM mn)	3QFY'18 (RM mn)	4QFY'18 (RM mn)	FY'18 (RM mn)
Total Cost of Generation	6,146.9	6,625.8	7,530.5	7,263.8	27,567.0
Adjustment not related to IBR:	293.7	58.5	(464.6)	8.6	(103.8)
1 Fuel Price Adjustment	212.6	(22.0)	(422.4)	114.1	(117.7)
2 MFRS117	262.8	315.3	264.4	296.4	1,138.9
3 SESB Net Generation Cost	(181.5)	(159.5)	(184.6)	(286.9)	(812.5)
LPL Fuel Cost	(0.2)	(75.3)	(122.0)	(115.0)	(312.5)
TNB Capacity and VOR: SLA & SPV	1,458.5	1,406.2	1,234.2	1,401.0	5,499.9
Total Generation Costs (Related to IBR)	7,899.1	8,090.5	8,300.1	8,673.4	32,963.1
	1QFY'18	2QFY'18	3QFY'18	4QFY'18	FY'18
	(RM mn)	(RM mn)	(RM mn)	(RM mn)	(RM mn)
Single Buyer Actual Generation Costs: (A)	7,899.1	8,090.5	8,300.1	8,673.4	32,963.1
Actual Sales (Gwh)	27,069.5	29,001.1	28,920.4	28,478.3	113,469.3
Single Buyer Tariff (RM/kwh)	0.2705	0.2705	0.2705	0.2705	0.2705
Actual Gen Cost Recovered (RM mn) (B)	7,322.3	7,844.8	7,821.4	7,703.4	30,691.9
ICPT Surcharge (C) (C = A - B)	576.8	245.7	478.8	970.0	2,271.3
(+) Prior Year Accounting Adjustment	57.3	(0.5)	0.8	0.7	58.3
ICPT as at FY'18	634.1	245.2	479.6	970.7	2,329.6

Coal price & ACP comparison

3Q 4Q
Coal Price (RM/MT) 411.14 422.60
Coal price (RM/mmBtu) 18.84 19.36
ACP (RM/mmBtu)* 16.49 19.63

*Source : Energy Commission Website

In 4Q, the base ACP (RM19.63/mmBtu) used for billing the generators/single buyer is higher than the coal price paid to supplier (RM19.36/mmBtu). Hence, TNB Fuel over-recovered the differential amount from the IPPs. Any movement in FPA will be reconciled in the following quarter.

2

Adjustment required under MFRS117 - leasing

3

Reversal of provision for SESB tariff subsidy & fuel subsidy

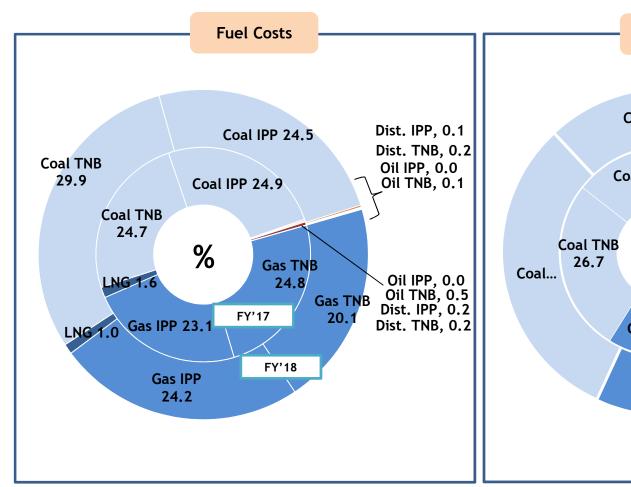
Fuel Costs (TNB & IPPs - Peninsula)

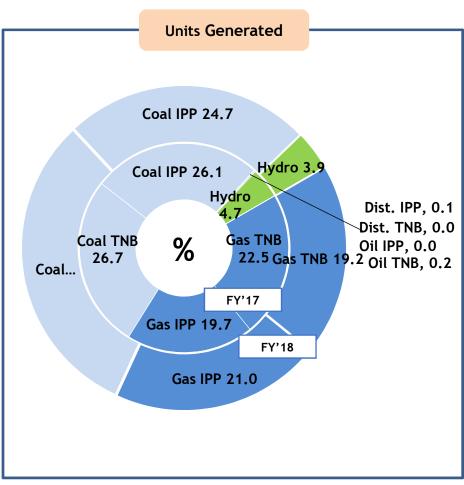


KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK





Other Regulatory Adjustment



KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

APPENDIX 6

Components of Other Regulatory Adjustment	(RM mn)
Excess Revenue for Revenue Cap & Price Cap	442.9
Refund of Interests on Customer Deposits	59.10
Refund of Excess Single Buyer Working Capital	56.90
Refund of Other Income Related to Regulated Business	80.90
	639.8

Previously calculated at RM367.4mn. The differences between actual and estimate of sales Gwh in Q4

Other Regulatory Adjustment for FY18 was fully recognized in 4QFY18 due to finalized guidelines for IBR 2018 which was only published in December 2018 which clearly mentioned the annual treatment for Revenue Cap and Price Cap entities (return if ASP is higher than base tariff or reimbursed otherwise). Moving forward, any regulatory related adjustment will be provided for on the monthly basis.

Other Regulatory Adjustment



KEY HIGHLIGHTS

FINANCIAL DETAILS

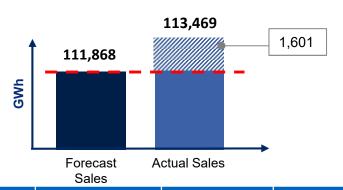
INDUSTRY OUTLOOK

APPENDIX 7

Revenue Cap (Transmission, Dist. Net, GSO & SBO)

- Revenue cap entities are not allowed to earn a revenue higher than their allowed annual revenue. Any excess must be passed-through to the customers via cost and revenue adjustment mechanism
- This year's <u>higher actual sales</u> leads to <u>higher revenue</u> earned by the revenue cap entities

2018 Variations in Sales (in GWh)

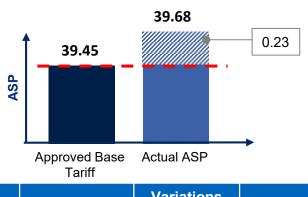


Business	Allowed Tariff	Variations in	Adjustment
Entities	(sen/kWh)	Sales (GWh)	(RM Mil)
Revenue Cap Entities	11.36	+ 1,601	181.9

Price Cap (Customer Services)

- Any excess revenue earned due to higher Average Selling Price (ASP) compared to Base Tariff must be passedthrough to the customers via cost and revenue adjustment mechanism
- For 2018, the ASP is recorded to be higher than the Base Tariff

2018 Variations in ASP (sen/kWh)



Business Entities	Actual Sales (GWh)	Variations in ASP (sen/kWh)	Adjustment (RM Mil)
CS	113,469	+ 0.23	261.0

Guidance on MFRS 15, 9 & 16



KEY HIGHLIGHTS

FINANCIAL DETAILS

INDUSTRY OUTLOOK

	2017 (PRE ADOPTION)		2018 (POST ADOPTION)		
	RM mn	Where is it reported?	RM mn	Where is it reported?	Justification
REVENUE (MFRS 15)					
Sales Of Electricity	45,630.1	Revenue - Sales of Electricity	47,363.2	Revenue - Sales of Electricity	Actual increase of 2.6% in sales of electricity (Gwh) is due to demand growth and not due to MFRS 15 implementation
Recognition Of Customers' Contributions	687.2	Revenue - Recognition Of Customers' Contributions	263.4	Revenue - Customers' Contribution	Revenue is amortised for 20 years under MFRS 15
NON-GENERATION COST (MFRS 9)					
Impairment Of Financial Instruments	(588.4)	Reported in provisions of doubtful debt as part of GOE	(487.3)	Under MFRS 9, it is recorded under Impairment of Financial Instruments.	Separated from GOE
EBITDA	15,469.0		Minimal impact on EBITDA		⁻ DA
PAT	6,912.0		Minimal impact on PAT		

MFRS 16	2018 (PRE ADOPTION) RM mn	2019 (POST ADOPTION) GUIDANCE
Total Cost (Generation Cost, Finance Cost And Depreciation)	35,706.4	Non cash accounting adjustment with a net impact of around RM0.3bn, adjusted for Jimah East Power and Southern Power Generation. This is derived from a net increase in Generation Cost, Finance Cost And Depreciation.