

### **PRESENTATION TO ANALYSTS**

# Unaudited Consolidated Results for the 2<sup>nd</sup> Quarter FY2017 ended 28<sup>th</sup> February 2017

27th April 2017

Prepared by: Investor Relations & Management Reporting Department

tenaga\_ird@tnb.com.my GROUP FINANCE DIVISION





## **RESULTS HIGHLIGHTS**

## **RESULTS DETAILS**

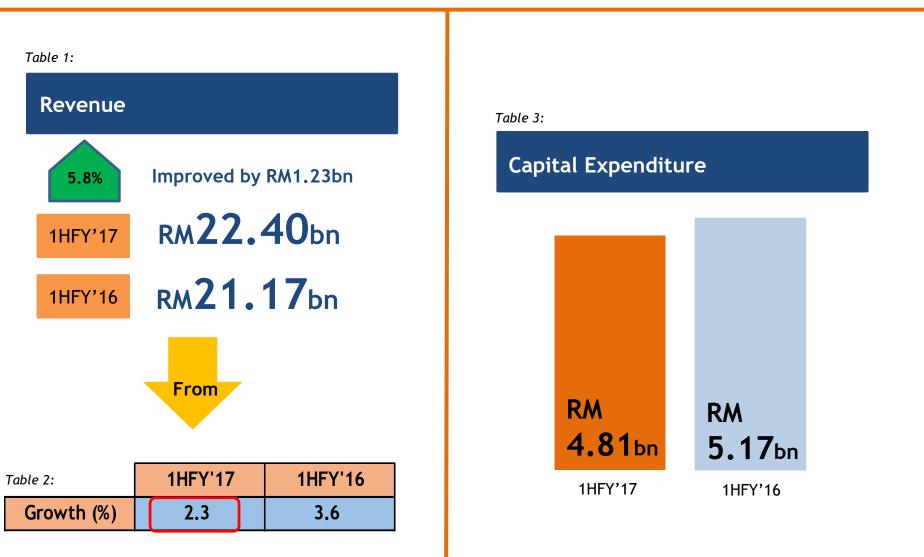
## **QUESTION & ANSWER**

## **KEY HIGHLIGHTS**



• Improved Revenue Driven by 2.3% Unit Electricity Demand Growth

Half-Year Capital Investment of Approximately RM5bn



## **KEY HIGHLIGHTS**



### 5.2% Reduction in Adjusted PAT Mainly from Increased Provision on Electricity Debtors

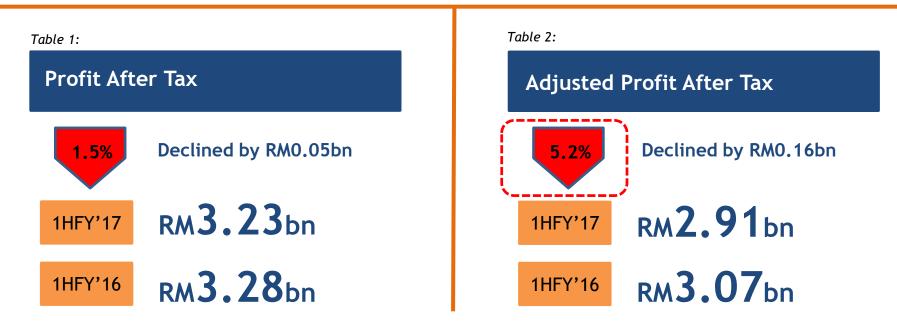


Table 3:

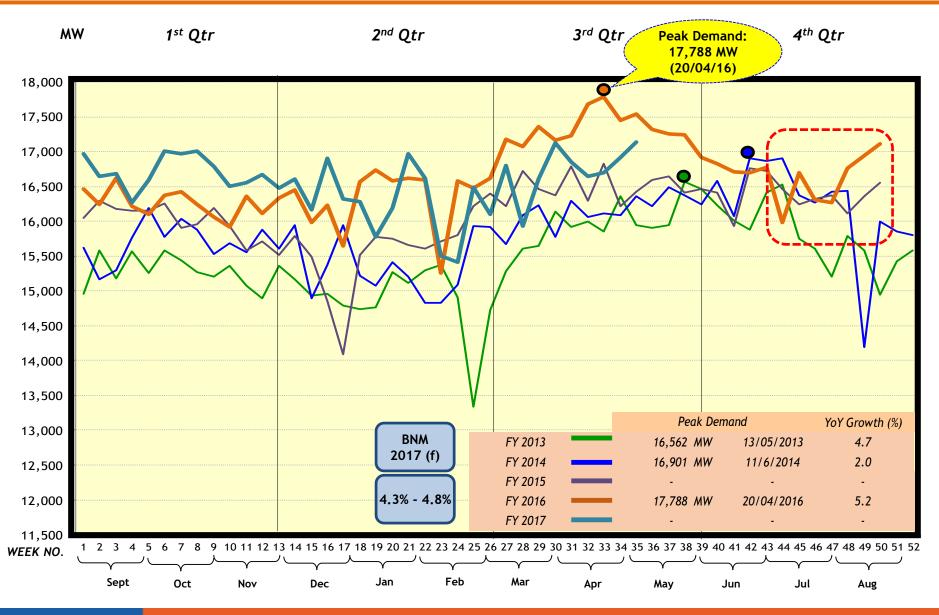
(RM mn)	1HFY'17	1HFY'16
Profit After Tax	3,228.9	3,277.2
Forex Translation Loss	202.5	235.4
Reinvestment Allowance	(518.9)	(440.1)
Adjusted Profit After Tax	2,912.5	3,072.5



## SYSTEM WEEKLY MAXIMUM DEMAND (PENINSULA)



Demand Has Normalised Since El-Nino Phenomenon Ended in July 2016

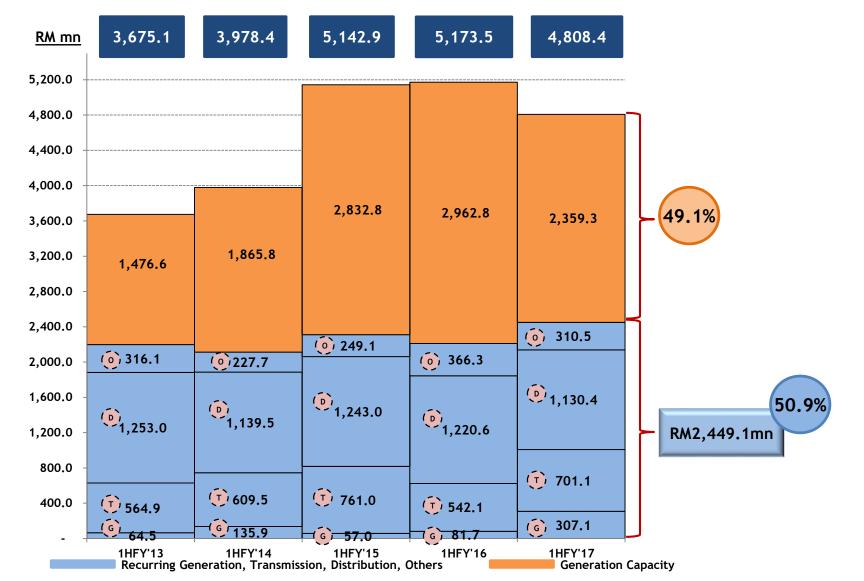


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## **CAPITAL EXPENDITURE**

#### Major Projects Represent 49.1% of Total CAPEX





## STATUS OF MAJOR PROJECTS



- 2 Generation Projects With 3GW Capacity in the Pipeline
- 1 Large-Scale Solar Project Awarded by Energy Commission on 2<sup>nd</sup> March 2017



COD: 1<sup>st</sup> Nov 2018

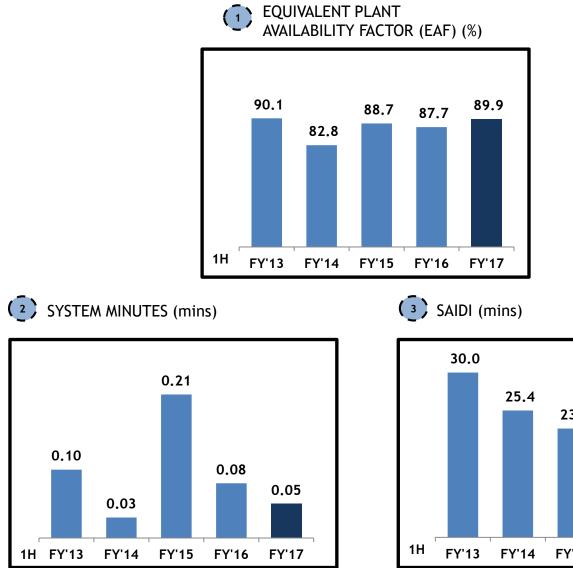




INITIATIVES	1HFY'17	FY'16
Return on Assets (ROA) (%)	5.9	6.4
<ul> <li>Company CPU (sen/kwh)</li> </ul>	35.2	34.2
<ul> <li>Revenue from Non-Regulated Business (RM bn)</li> </ul>	1.2	2.7
<ul> <li>Equivalent Plant Availability</li> <li>Factor (EAF) (%)</li> </ul>	89.9	89.3
Transmission System Minutes (mins)	0.05	1.47
• Distribution SAIDI (mins)	22.5	49.7

## **TECHNICAL 5-YEAR PERFORMANCE**

### **Continued Exceptional Operational Performances**

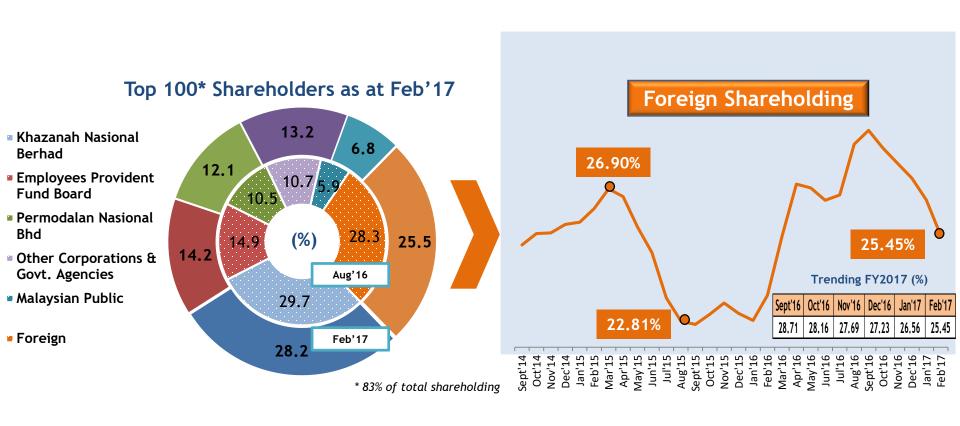


30.0 25.4 23.2 24.3 22.5 FY'13 FY'14 FY'15 FY'16 FY'17

## SHAREHOLDING

### Sustained Foreign Ownership at Around 25%







INTERIM DIVIDEND

Interim Single-Tier Dividend of 17.00 sen per ordinary share

Distribution of dividend is based on 30% to 50% dividend payout ratio, based on the reported Consolidated Net Profit Attributable to Shareholders After Minority Interest, excluding Extraordinary, Non-Recurring items

The Books Closure and Payment dates will be announced in due course.





## **RESULTS HIGHLIGHTS**

## **RESULTS DETAILS**

## **QUESTION & ANSWER**

## **RESULTS DETAILS**



# 0.5ppt Reduction in EBITDA Margin Mainly due to Increased Provision on Electricity Debtors amounting to RM0.4bn

							٨٨		EBITDA MAR	GIN
RM mn	1QFY'17	2QFY'17	1HFY'17	1HFY'16		%			LUITUA MAN	
Total Units Sold (GWh)	29,548.4	28,463.2	58,011.6	56,838.3		/0				
Revenue	11,241.6	11,162.3	22,403.9	21,166.1						
Operating Expenses (before depreciation)	7,632.3	7,833.2	15,465.5	14,508.6			35.0			
Operating Income	184.1	158.4	342.5	319.9				33.0	33.6	33.2
EBITDA	3,793.4	3,487.5	7,280.9	6,977.4			33.7			
EBITDA Margin (%)	33.7%	31.2%	32.5%	33.0%	J			32.5		31.8
Depreciation and Amortisation	1,453.8	1,508.4	2,962.2	2,737.9		3	3.4	31.4	31.7	
EBIT	2,339.6	1,979.1	4,318.7	4,239.5					51.7	
EBIT Margin (%)	20.8%	17.7%	19.3%	20.0%						
Finance Cost	278.3	390.9	669.2	499.2						
Profit Before Tax & Forex	2 226 4	1 670 0	2 907 2	2 909 1						
Translation	2,226.4	1,670.9	3,897.3	3,898.1		· ·	(TD 1Q	YTD 2Q	YTD 3Q	YTD 4Q
Net Profit Before Forex Translation	1,971.7	1,453.2	3,424.9	3,532.1		-	<b></b>	EBITDA Margin	FY2017	
Translation Gain/(Loss)	(231.2)	28.7	(202.5)	(235.4)		-		EBITDA Margin	FY2016	
Net Profit attributable to :								EBITDA Margin	FY2015 with ICPT	adjustment
Equity Holders	1,740.5	1,481.9	3,222.4	3,296.7						
Non-controlling Interest	48.0	(41.5)	6.5	(19.5)						

## **DETAILS OF REVENUE**



### 5.8% Increase in Total Revenue Mainly from 2.3% Demand Growth

	1HFY'	17	1HFY'	Growth	
UNITS SOLD	GWh		GWh		%
- TNB	54,768.2		53,547.8		2.3
- EGAT (Export)	23.3		1.1		>100.0
- SESB	2,576.7		2,534.6		1.7
- LPL	643.4		754.8		(14.8)
Total Units Sold (GWh)	58,011.6		56,838.3		2.1
REVENUE	RM mn	Sen/KWh	RM mn	Sen/KWh	
Sales of Electricity					
- TNB	21,580.5	39.4	21,070.5	39.3	2.4
- EGAT (Export)	13.8	59.2	0.9	81.8	>100.0
- SESB	885.1	34.4	875.4	34.5	1.1
- LPL	193.4	30.1	282.9	37.5	(31.6)
Sales of Electricity	22,672.8	39.1	22,229.7	39.1	2.0
LPL Operating Lease (MFRS117)	22.3		21.9		1.8
Accrued Revenue	(36.0)		(456.4)		(92.1)
Imbalance Cost Pass-Through	(795.9)		(1,394.9)		(42.9)
Total Sales of Electricity	21,863.2		20,400.3		7.2
Goods & Services	395.2		566.5		(30.2)
Deferred Income	145.5		199.3		(27.0)
Total Revenue	22,403.9		21,166.1		5.8

## **ELECTRICITY GROWTH IN PENINSULA**



### 2.3% Growth in Electricity Demand

			FY2016		FY2017			
UNITS SALES		1Q	2Q	1H	1Q	2Q	1Н	
Industrial	Gwh	11,101	10,820	21,921	10,975	10,966	21,941	
industrial	Growth (%)	1.2	(1.4)	(0.1)	(1.1)	1.3	0.1	
	Gwh	9,369	9,404	18,773	10,053	9,530	19,583	
Commercial	Growth (%)	3.9	6.1	5.0	7.3	1.3	4.3	
Domestic	Gwh	5,886	5,981	11,867	6,244	5,930	12,174	
Domestic	Growth (%)	6.3	12.0	9.1	6.1	(0.9)	2.6	
Others	Gwh	490	497	987	539	531	1,070	
others	Growth (%)	(1.2)	0.8	(0.2)	10.0	6.8	8.2	
Total	Gwh	26,846	26,702	53,548	27,811	26,957	54,768	
Total	Growth (%)	3.2	4.0	3.6	3.6	1.0	2.3	

	1HFY'17	1HFY'16
Growth (%)	2.3	3.6

6.8% Increase in Operating Expenses

RM mn	1HFY'17	1HFY'16	Variance RM mn	Variance %
Capacity Payment	2,214.5	1,994.4	(220.1)	(11.0)
Energy Payment	4,510.9	4,054.5	(456.4)	(11.3)
Total IPPs Purchases/Costs	┌ 6,725.4	┌ 6,048.9	<b>┌(676.5)</b>	(11.2)
Fuel Costs 11,222	<mark>2.6</mark> _ 4,497.2 <mark>10,34</mark>	<sup>13.1 -</sup> 4,294.2 <sup>(879</sup>	<mark>9.5)</mark> (203.0)	(4.7)
Repair & Maintenance	917.3	897.4	(19.9)	(2.2)
Staff Costs	1,734.4	1,996.8	262.4	13.1
TNB General Expenses	1,202.5	800.4	(402.1)	(50.2)
Subs. Cost of Sales & Opex	388.7	470.9	82.2	17.5
Depreciation & Amortisation	2,962.2	2,737.9	(224.3)	(8.2)
Total Operating Expenses	18,427.7	17,246.5	(1,181.2)	(6.8)

## **GENERATION MIX (PENINSULA)**



### Year-on-Year Analysis 9.3% Increase in Fuel Costs Mainly due to 2.9% Increase in Units Generated and Higher Coal Price

#### Table 1:

Fuel Costs (RM mn)								
Fuel	1HFY'17	Y'17 1HFY'16 Varianc		се				
Туре			RM mn	%				
Gas	4,063.9	3,786.5	277.4	7.3				
LNG	158.6	570.3	(411.7)	(72.2)				
Coal	3,928.2	3,084.1	844.1	27.4				
Dist.	23.3	24.5	(1.2)	(4.9)				
Oil	41.2	53.6	(12.4)	(23.1)				
Total	8,215.2	7,519.0	696.2	9.3				

Units Generated (Gwh)								
Fuel	1HFY'17	1HFY'16	Variance					
Туре	1111 1 17		Gwh	%				
Gas & LNG	25,927.1	26,564.6	(637.5)	(2.4)				
Coal	30,958.0	28,438.1	2,519.9	8.9				
Dist.	26.3	37.0	(10.7)	(28.9)				
Oil	139.0	122.3	16.7	13.7				
Hydro	2,090.1	2,335.6	(245.5)	(10.5)				
Total	59,140.5	57,497.6	1,642.9	2.9				

#### Table 2:

Tuble 2:	<u>1HFY'17</u>	<u>1HFY'16</u>	<u> Var (%)</u>
Average Coal Price			
Consumed (USD/MT)			
FOB	63.8	51.5	23.9%
Freight	6.0	5.7	5.3%
Others	0.4	0.5	-20.0%
CIF	70.2	57.7	21.7%
Average Coal Price Consumed (RM/MT) (CIF)	303.8	246.0	23.5%
Coal Consumption (mn MT)	13.4	11.7	14.5%

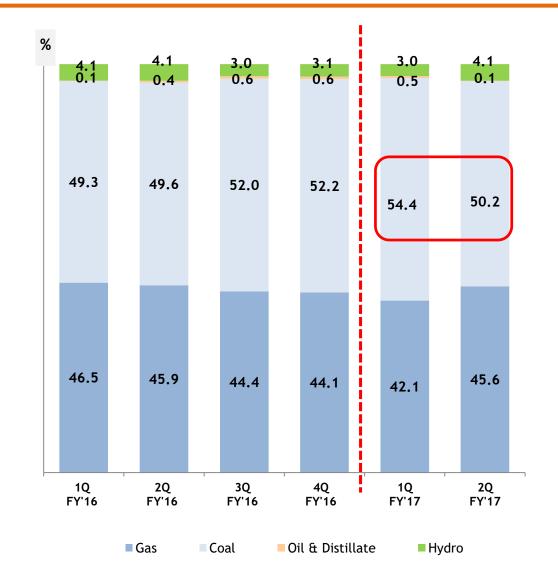
#### Table 3:

	1HFY'17	1HFY'16
Daily Average Gas Volume (mmscfd)	1,080	1,154
Average LNG Price (RM/mmbtu)	25.99	34.46
Average Piped Gas Price (RM/mmbtu)	20.20	17.20

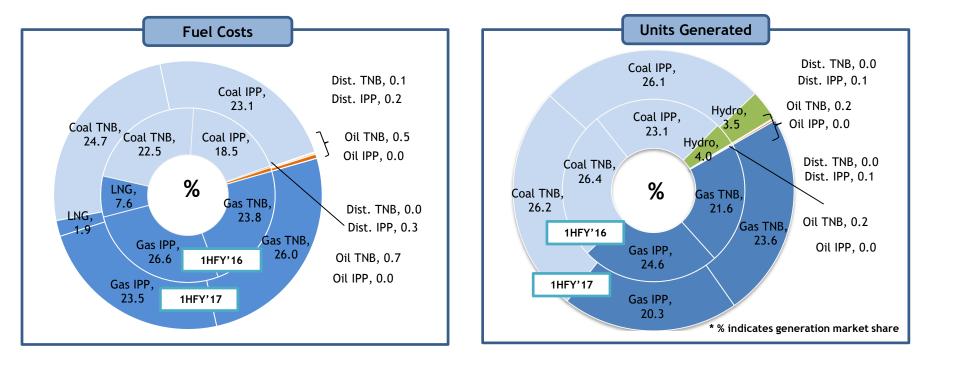
## GENERATION MIX (PENINSULA)









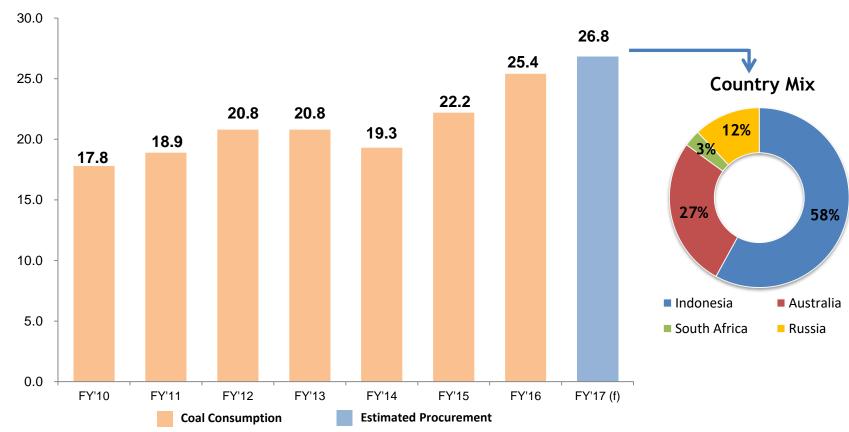


## **COAL REQUIREMENT**



### Average Coal Price for 1HFY'17 was at USD70.2/MT @ RM303.8/MT

Average Coal Price (CIF)	FY'10	FY'11	FY'12	FY'13	FY'14	FY'15	FY'16	1HFY'17
USD/metric tonne	88.2	106.9	103.6	83.6	75.4	66.0	55.7	70.2
RM/metric tonne	293.8	325.9	321.9	259.5	244.6	236.0	231.1	303.8

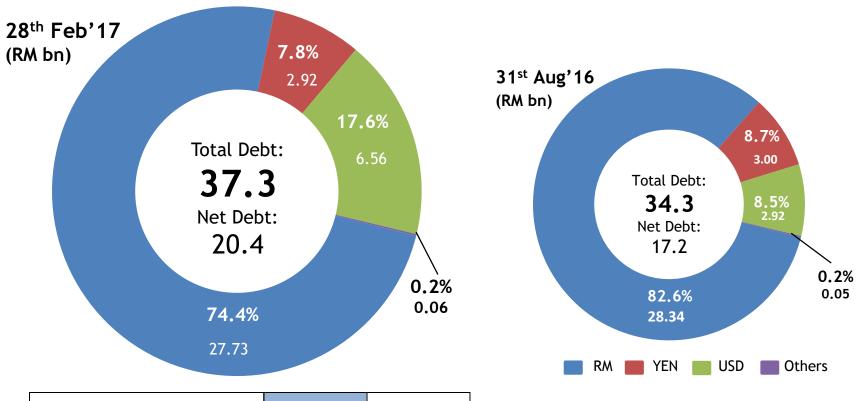


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## **DEBT EXPOSURE & GEARING**



Improved Gearing due to Multicurrency Sukuk Issuance of USD750.0mn in October 2016



Statistics	28th Feb'17	31st Aug'16
Gearing (%)	40.4	39.5
Net Gearing (%)	22.1	19.7
Fixed : Floating (%)	96.4:3.6	96.4:3.6
Final Exposure (%)	96.4:3.6	96.4:3.6
Weighted Average Cost of Debt (%)	4.64	5.06
Final Exposure (%)	4.64	5.06

Closing	28 <sup>th</sup> Feb'17	31 <sup>st</sup> Aug'16
USD/RM	4.44	4.06
100YEN/RM	3.95	3.96
USD/YEN	112.41	102.53

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

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## **CONTACT DETAILS**

For further enquiries, kindly contact us at:



INVESTOR RELATIONS & MANAGEMENT REPORTING DEPARTMENT Tenaga Nasional Berhad 4<sup>th</sup> Floor, TNB Headquarters No.129, Jalan Bangsar, 59200 Kuala Lumpur, MALAYSIA Tel : +603 2296 5566 Fax : +603 2284 0095 Email : tenaga\_ird@tnb.com.my Website : www.tnb.com.my

IR OFFICERS:		
Sherleen	+603 2296 6183	sherleenaa@tnb.com.my
Nadia	+603 2296 6787	nuranadiaah@tnb.com.my



# **THANK YOU**

Unaudited Consolidated Results for the 2<sup>nd</sup> Quarter FY2017 ended 28<sup>th</sup> February 2017