

PRESENTATION TO ANALYSTS

Group Unaudited Financial Results for the 1st Half FY2014 ended 28th February 2014

24th April 2014

tenaga_ird@tnb.com.my GROUP FINANCE DIVISION





RESULTS SNAPSHOTS

RESULTS HIGHLIGHTS

RESULTS DETAILS

QUESTION & ANSWER

2nd QUARTER FY2014

3 Months Ended 28th Feb 2014



- Profit Before Tax declined by 23.0% to RM1.23 billion (1QFY2014: RM1.60 billion).
- Group Operating Profit declined by 3.7% to RM1.47 billion (1QFY2014: RM1.52 billion).
- EBITDA margin reduced by 1 percentage point to 27.0% (1QFY2014: 28.0%).



6 Months FY2014



- Profit Before Tax declined by 21.4% to RM2.84 billion (1HFY2013: RM3.61 billion).
- Group Operating Profit declined by 3.2% to RM2.99 billion (1HFY2013: RM3.09 billion).
- EBITDA margin reduced by 1.6 percentage point to 27.5% (1HFY2013: 29.1%).
- Lower Forex Translation Gain of RM133.7 million (1HFY2013: RM786.0 million).

GROUP PROFIT ANALYSIS



Normalised Profit Remained Steady After Tax Adjustments

RM mn	FY2	014	6-ma	6-month		
	1Q	2Q	FY2014	FY2013		
Profit Before Tax	1,602.6	1,233.7	2,836.3	3,607.6		
Less: Forex Translation Gain / (Loss)	252.7	(119.0)	133.7	786.0		
Profit Before Forex & Tax	1,349.9	1,352.7	2,702.6	2,821.6		
Taxation & Zakat	115.9	415.2	531.1	(930.7)		
Profit Before Forex & After Tax	1,465.8	1,767.9	3,233.7	1,890.9		
Add: Tax Adjustments						
Reinvestment Allowance for FY2014	(201.7)	(75.5)	(277.2)			
FY2013 Over Provision - Reinvestment Allowance		(662.0)	(662.0)			
Change in Corporate Tax Rate	(188.7)		(188.7)			
IC4 Prior Year Adjustments & FY2012 Under Provision				232.7		
Normalised Profit Before Forex & After Tax	1,075.4	1,030.4	2,105.8	2,123.6		

ELECTRICITY GROWTH IN PENINSULA



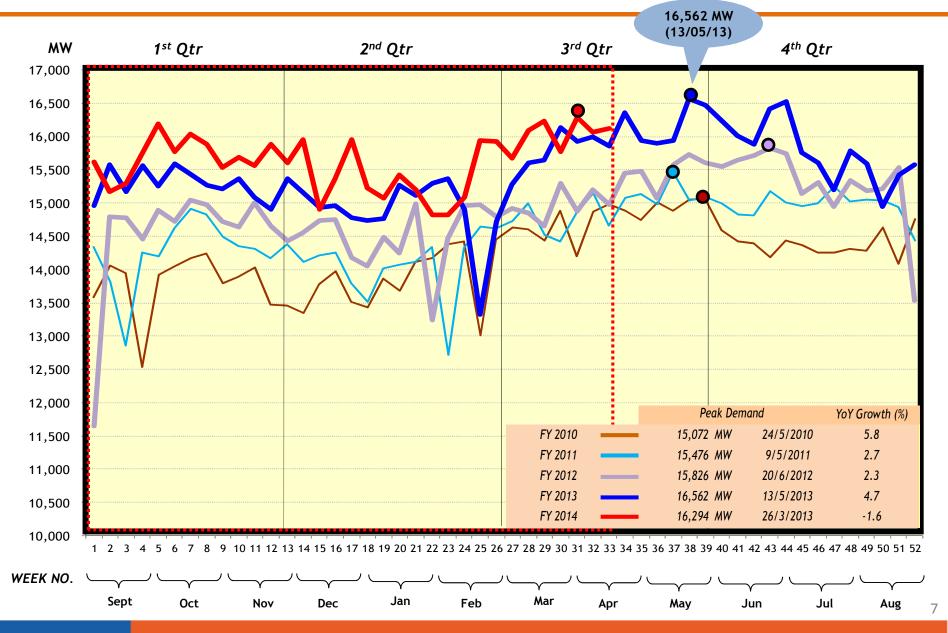
Slower Electricity Growth in 2QFY'14

		FY 4	2013					FY 2014				
S SALES	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Sept	Oct	Nov	Dec	Jan	Feb	Mar	
Gwh	10,541	10,542	10,396	10,985	3,399	3,550	3,695	3,563	3,636	3,603	3,248	
Growth (%)	1.1	4.4	(0.6)	0.5	0.1	0.9	1.8	4.5	3.4	(0.3)	5.0	
Gwh	8,411	8,476	8,528	8,964	2,853	2,890	2,975	2,860	2,899	2,837	2,772	
Growth (%)	5.0	5.7	4.0	4.2	3.2	6.1	1.8	7.2	(1.3)	(1.1)	7.9	
Gwh	5,176	5,134	5,378	5,634	1,795	1,811	1,773	1,722	1,709	1,798	1,834	
Growth (%)	6.1	8.1	8.3	6.7	(0.4)	12.2	0.7	4.7	(0.3)	1.4	8.3	
Gwh	433	459	448	416	157	155	152	156	156	155	149	
Growth (%)	8.8	13.1	9.8	(0.5)	4.7	14.0	3.4	7.6	0.6	(2.5)	(2.0)	
Gwh	24,561	24,611	24,750	25,999	8,204	8,406	8,595	8,301	8,400	8,393	8,003	
Growth (%)	3.5	5.8	3.0	3.0	1.1	5.2	1.6	5.5	0.9	(0.3)	6.6	
	1QFY'13 2QFY'13 3QFY'13 4QFY'13 3.5% 5.8% 3.0% 4QFY'14 2QFY'14 2.6% 2.0%								,			
					1HFY'13	1HF	Y14	7MFY'14 2.9%				
			Grow	<mark>/th (%)</mark>	4.6	2.	3					
	Growth (%) Gwh Growth (%) Growth (%) Growth (%) Gwh	Growth (%) 1.1 Gwh 8,411 Growth (%) 5.0 Gwh 5,176 Growth (%) 6.1 Growth (%) 6.1 Gwh 433 Growth (%) 8.8 Gwh 24,561 Growth (%) 3.5	Growth (%) 1.1 4.4 Gwh 8,411 8,476 Growth (%) 5.0 5.7 Gwh 5,176 5,134 Growth (%) 6.1 8.1 Growth (%) 6.1 8.1 Growth (%) 8.8 13.1 Gwh 24,561 24,611 Growth (%) 3.5 5.8 IQFY'13 3.5% 5.8%	Growth (%) 1.1 4.4 (0.6) Gwh 8,411 8,476 8,528 Growth (%) 5.0 5.7 4.0 Gwh 5,176 5,134 5,378 Growth (%) 6.1 8.1 8.3 Growth (%) 6.1 8.1 8.3 Growth (%) 8.8 13.1 9.8 Growth (%) 3.5 5.8 3.0 Growth (%) 3.5 5.8 3.0 IQFY'13 2QFY'13 3QFY'13 3.0% FY'13 3.8% 3.8% 3.8%	Growth (%) 1.1 4.4 (0.6) 0.5 Gwh 8,411 8,476 8,528 8,964 Growth (%) 5.0 5.7 4.0 4.2 Gwh 5,176 5,134 5,378 5,634 Growth (%) 6.1 8.1 8.3 6.7 Gwh 433 459 448 416 Growth (%) 8.8 13.1 9.8 (0.5) Gwh 24,561 24,611 24,750 25,999 Growth (%) 3.5 5.8 3.0 3.0 IQFY'13 3QFY'13 3QFY'13 30% FY'13 5.8% 3.0% 3.0%	Growth (%) 1.1 4.4 (0.6) 0.5 0.1 Gwh 8,411 8,476 8,528 8,964 2,853 Growth (%) 5.0 5.7 4.0 4.2 3.2 Gwh 5,176 5,134 5,378 5,634 1,795 Growth (%) 6.1 8.1 8.3 6.7 (0.4) Gwh 433 459 448 416 157 Growth (%) 8.8 13.1 9.8 (0.5) 4.7 Gwh 24,561 24,611 24,750 25,999 8,204 Growth (%) 3.5 5.8 3.0 3.0 1.1 JQFY'13 2QFY'13 3QFY'13 3.0% 1.1 FY'13 3.8% 1.1 1.1 1.1	Growth (%) 1.1 4.4 (0.6) 0.5 0.1 0.9 Gwh 8,411 8,476 8,528 8,964 2,853 2,890 Growth (%) 5.0 5.7 4.0 4.2 3.2 6.1 Gwh 5,176 5,134 5,378 5,634 1,795 1,811 Growth (%) 6.1 8.1 8.3 6.7 (0.4) 12.2 Gwh 433 459 448 416 157 155 Growth (%) 8.8 13.1 9.8 (0.5) 4.7 14.0 Gwh 24,561 24,611 24,750 25,999 8,204 8,406 Growth (%) 3.5 5.8 3.0 3.0 1.1 5.2 IQFY'13 30FY'13 30FY'13 30% 40FY'13 10FY'14 Growth (%) 3.5 5.8% 3.0% 3.0% 1.1 5.2 FY'13 3.8% 1HFY'13 1HF	Growth (%) 1.1 4.4 (0.6) 0.5 0.1 0.9 1.8 Gwh 8,411 8,476 8,528 8,964 2,853 2,890 2,975 Growth (%) 5.0 5.7 4.0 4.2 3.2 6.1 1.8 Gwh 5,176 5,134 5,378 5,634 1,795 1,811 1,773 Growth (%) 6.1 8.1 8.3 6.7 (0.4) 12.2 0.7 Gwh 433 459 448 416 157 155 152 Growth (%) 8.8 13.1 9.8 (0.5) 4.7 14.0 3.4 Gwh 24,561 24,611 24,750 25,999 8,204 8,406 8,595 Growth (%) 3.5 5.8 3.0 3.0 1.1 5.2 1.6 IQFY'13 30FY'13 30FY'13 3.0% 10FY'14 2.6% 1.6 FY'13 3.8% IHFY'13 IHFY14 1.6 1.1	Growth (%) 1.1 4.4 (0.6) 0.5 0.1 0.9 1.8 4.5 Growth (%) 5.0 5.7 4.0 4.2 3.2 6.1 1.8 7.2 Growth (%) 5.0 5.7 4.0 4.2 3.2 6.1 1.8 7.2 Gwh 5.176 5.134 5.378 5.634 1,795 1,811 1,773 1,722 Growth (%) 6.1 8.1 8.3 6.7 (0.4) 12.2 0.7 4.7 Gwh 433 459 448 416 157 155 152 156 Growth (%) 8.8 13.1 9.8 (0.5) 4.7 14.0 3.4 7.6 Gwh 24,561 24,611 24,750 25,999 8,204 8,406 8,595 8,301 Growth (%) 3.5 5.8 3.0 3.0 1.1 5.2 1.6 5.5 IQFY'13 3.0% 3.0% 3.0% 1.1 5.2 1.6 5.5 IQFY'14 2.6% <	Growth (%) 1.1 4.4 (0.6) 0.5 0.1 0.9 1.8 4.5 3.4 Gwh 8,411 8,476 8,528 8,964 2,853 2,890 2,975 2,860 2,899 Growth (%) 5.0 5.7 4.0 4.2 3.2 6.1 1.8 7.2 (1.3) Gwh 5,176 5,134 5,378 5,634 1,795 1,811 1,773 1,722 1,709 Growth (%) 6.1 8.1 8.3 6.7 (0.4) 12.2 0.7 4.7 (0.3) Growth (%) 6.1 8.1 8.3 6.7 (0.4) 12.2 0.7 4.7 (0.3) Gwh 433 459 448 416 157 155 152 156 156 Growth (%) 8.8 13.1 9.8 (0.5) 4.7 14.0 3.4 7.6 0.6 Growth (%) 3.5 5.8 3.0 3.0 1.1 5.2 1.6 5.5 0.9 Growth (%) 3.5	Growth (%) 1.1 4.4 (0.6) 0.5 0.1 0.9 1.8 4.5 3.4 (0.3) Gwh 8,411 8,476 8,528 8,964 2,853 2,890 2,975 2,860 2,899 2,837 Growth (%) 5.0 5.7 4.0 4.2 3.2 6.1 1.8 7.2 (1.3) (1.1) Gwh 5,176 5,134 5,378 5,634 1,795 1,811 1,773 1,722 1,709 1,798 Growth (%) 6.1 8.1 8.3 6.7 (0.4) 12.2 0.7 4.7 (0.3) 1.4 Gwh 433 459 448 416 157 155 152 156 156 155 Growth (%) 8.8 13.1 9.8 (0.5) 4.7 14.0 3.4 7.6 0.6 (2.5) Growth (%) 3.5 5.8 3.0 3.0 1.1 5.2 1.6 5.5 0.9 (0.3) Growth (%) 3.5 5.8 3.0 3.0	

SYSTEM WEEKLY MAXIMUM DEMAND (PENINSULA)



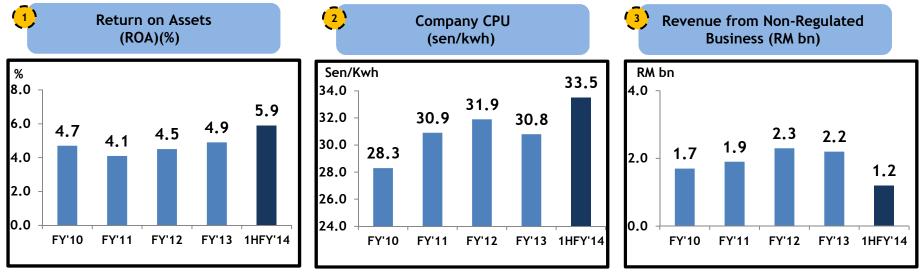
For FY2010 to FY2014



HEADLINE KEY PERFORMANCE INDICATORS



Financial Indicators

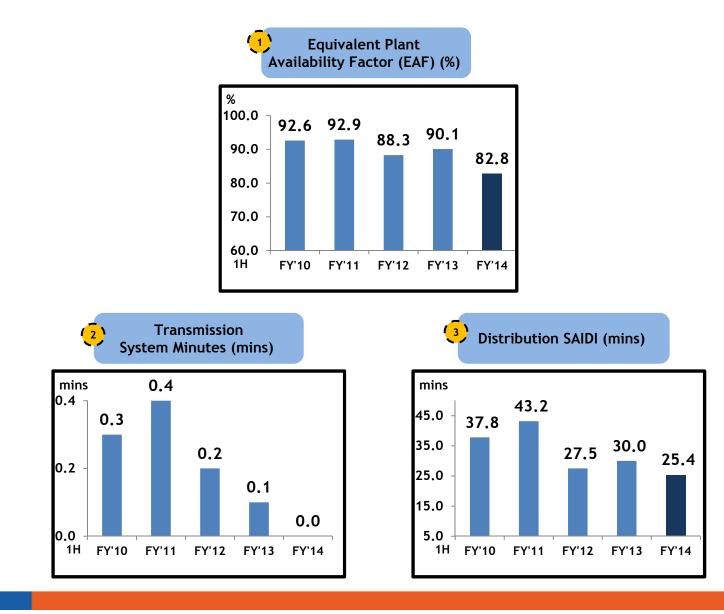


*not restated ('10-'11)

HEADLINE KEY PERFORMANCE INDICATORS



Technical Indicators



INTERIM DIVIDEND



10.0 sen Represents 27% of the Company's Free Cashflow

INTERIM DIVIDEND

Interim Single-Tier Dividend of 10.0 sen per ordinary share

Tenaga is committed to pay out dividend based on its Dividend Policy whereby: Dividend is paid out based on **40%-60%** of its Company's Annual Free Cashflow; Cashflow from Operations less Normalised Capex and Interest Servicing

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





RESULTS SNAPSHOTS

RESULTS HIGHLIGHTS

RESULTS DETAILS

QUESTION & ANSWER

UNAUDITED INCOME STATEMENTS (GROUP) 9.0% Increase in Revenue against 11.2% Increase in Operating Expenses



- Lower Operating Profit of RM2.99bn
- Lower Forex Translation Gain of RM133.7mn

RM'mn	1HFY'13	1HFY'14	Variance %
Continuing Operations:			
Revenue	17,981.0	19,594.0	9.0
Operating expenses	(15,092.2)	(16,787.8)	(11.2)
Other operating income	201.0	183. 4	(8.8)
Operating profit	3,089.8	2,989.6	(3.2)
Forex			
- Translation Gain	786.0	133.7	(83.0)
- Transaction Gain	5.0	12.2	>100.0
Share of results of jointly controlled			
entities and associates (net of tax)	50.3	38.2	(24.1)
Profit before finance cost	3,931.1	3,173.7	(19.3)
Finance income	113.4	106.2	(6.3)
Finance cost	(436.9)	(443.6)	(1.5)
Profit before taxation and zakat Taxation and Zakat	3,607.6	2,836.3	(21.4)
- Company and subsidiaries	(872.4)	417.2	>100.0
- Deferred taxation	(58.3)	113.9	>100.0
Profit for the financial period	2,676.9	3,367.4	25.8
•			
Attributable to:			
- Owners of the Company	2,687.6	3,405.0	26.7
- Non-controlling interests	(10.7)	(37.6)	>(100.0)
-	2,676.9	3,367.4	25.8

QUARTERLY & YEARLY ANALYSIS



Lower EBITDA Margin due to Higher Generation Costs from Increased LNG Consumption

RM mn	1HFY'13	1HFY'14	1QFY'14	2QFY'14
Total Units Sold (GWh)	52,129.1	52,974.8	26,717.4	26,257.4
Revenue	17,981.0	19,594.0	9,585.4	10,008.6
Operating Expenses (before depreciation)	12,957.1	14,392.3	6,966.1	7,426.2
Operating Income	201.0	183.4	67.9	115.5
EBITDA	5,224.9	5,385.1	2,687.2	2,697.9
EBITDA Margin (%)	29.1%	27.5%	28.0%	27.0%
Depreciation and Amortisation	2,135.1	2,395.5	1,164.3	1,231.2
EBIT EBIT Margin (%)	3,089.8 17.2%	2,989.6 15.3%	1,522.9 15.9%	1,466.7 14.7%
Finance Cost	436.9	443.6	240.5	203.1
Profit Before Tax & Forex Translation	2,821.6	2,702.6	1,349.9	1,352.7
Net Profit Before Forex Translation	1,901.6	3,271.3	1,482.2	1,789.1
Translation Gain/(Loss)	786.0	133.7	252.7	(119.0)
Net Profit attributable to :				
Equity Holders	2,687.6	3,405.0	1,734.9	1,670.1
Non-controlling Interest	(10.7)	(37.6)	(16.4)	(21.2)
COAL PRICE & CONSUMPTION	<u>1</u>	HFY'13 <u>1HF</u>	Y'14 <u>Var (%)</u>	
Average Coal Price Consumed (I FOB	USD/MT)	74.9 67	. 8 -9.5%	
Freight		9.1 9	.1 0.0%	
Others		0.6 0	.6 0.0%	
CIF		84.6 77	.5 -8.4%	
Average Coal Price Consumed (RM/MT) (CIF)	_	259.8 252	2.6 -2.8%	
Coal Consumption (mn MT)	L	10.3 8	.8 -14.6%	

OPERATING EXPENSES



Y-o-Y Analysis Shows 11.2% Increase in OPEX

RM mn	1HFY'13	1HFY'14	Variance RM mn	Variance %
Capacity Payment	2,285.5	1,802.7	482.8	21.1
Energy Payment	4,480.8	4,283.5	197.3	4.4
Total IPPs Purchases/Costs	6,766.3	6,086.2	680.1	10.1
Fuel Costs 9,64	^{4.4} 2,878.1 10	,658.9 4,572.7	(1,694.6)	(58.9)
Repair & Maintenance	753.6	719.8	33.8	4.5
Staff Costs	1,607.2	1,726.7	(119.5)	(7.4)
TNB General Expenses	492.9	701.7	(208.8)	(42.4)
Subs. Gen Exp, Cost of Sales & Provision	459.0	585.2	(126.2)	(27.5)
Depreciation & Amortisation	2,135.1	2,395.5	(260.4)	(12.2)
Total Operating Expenses	15,092.2	16,787.8	(1,695.6)	(11.2)





RESULTS SNAPSHOTS

RESULTS HIGHLIGHTS

RESULTS DETAILS

QUESTION & ANSWER

DETAILS REVENUE BY BUSINESS SEGMENTS



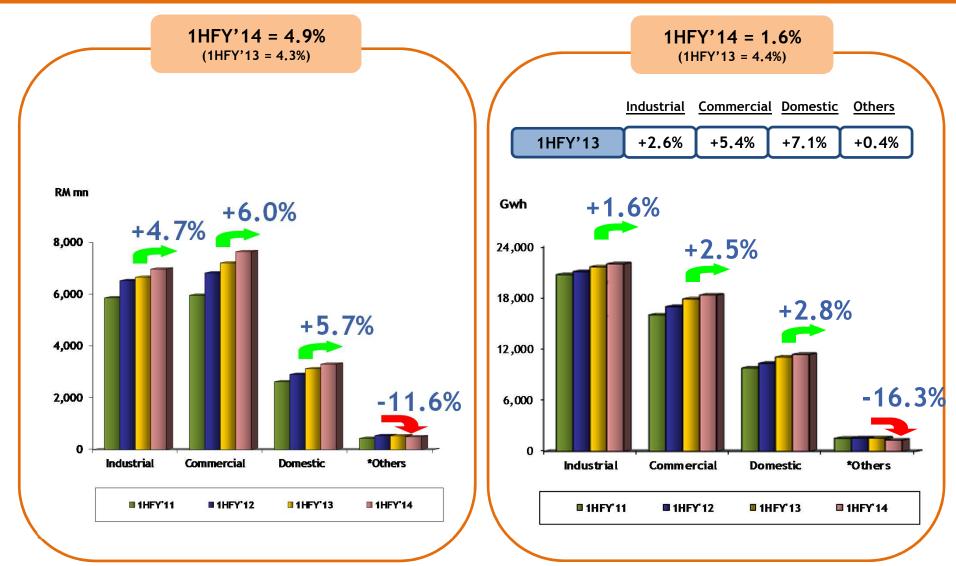
4.9% Increase in Group Sales of Electricity

	-				
	1HFY'	13	1HFY'	14	Growth
UNITS SOLD	GWh		GWh	%	
- TNB	49,171.3		50,299.1		2.3
- EGAT (Export)	2.1		16.6		>100.0
- SESB	2,304.4		2,319.9		0.7
- LPL	651.3		339.2		(47.9
Total Units Sold (GWh)	52,129.1		52,974.8		1.6
REVENUE	RM mn	Sen/KWh	RM mn	Sen/KWh	
Sales of Electricity					
- TNB	16,537.3	33.6	17,461.9	34.7	5.6
- EGAT (Export)	2.7	128.6	16.5	99.4	>100.0
- SESB	680.2	29.5	707.2	30.5	4.0
- LPL	328.1	50.4	221.1	65.2	(32.6
Sales of Electricity	17,548.3	33.7	18,406.7	34.7	4.9
LPL Operating Lease (FRS117)	(19.5)		(13.0)		33.3
Accrued Revenue	(166.5)		243.5		>100.0
Total Sales of Electricity	17,362.3		18,637.2		7.3
Goods & Services	439.5		740.3		68.4
Deferred Income	179.2		216.5		20.8
Total Revenue	17,981.0		19,594.0		9.0

ELECTRICITY GROWTH BY SECTORS (GROUP)



Analysis



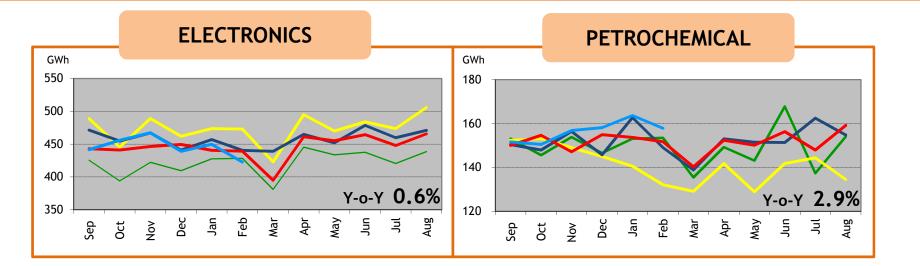
Notes:

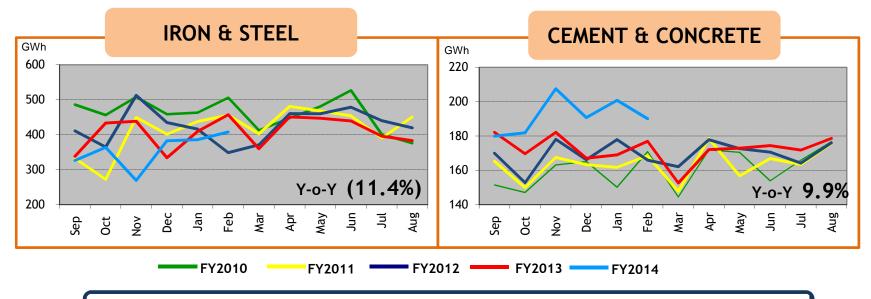
* Includes Specific Agriculture, Mining, Public Lighting, LPL & EGAT Revenue excluding accrued revenue

DETAILS OF REVENUE: SECTORAL ANALYSIS



Industrial Sector* (Peninsula) Recorded Y-o-Y Growth of 1.7%



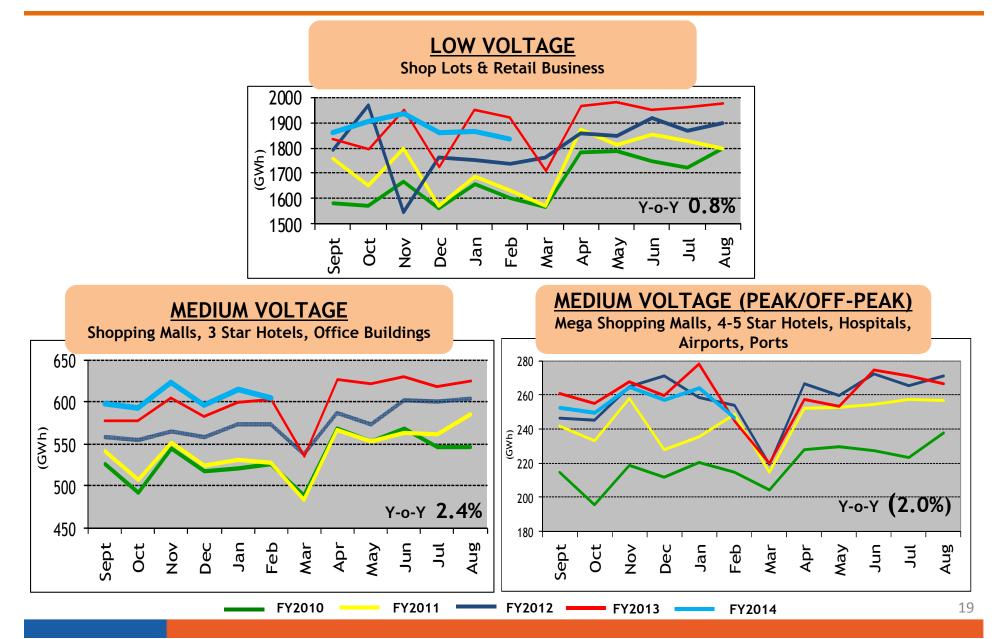


* Source : Top 1,000 PRIME customers database (PRIME customer YTD unit sales equivalent to 34.4% of total YTD unit sales) * PRIME customers for 4 sectors above attributes 39.8% from the whole PRIME customers YTD unit sales

DETAILS OF REVENUE: SECTORAL ANALYSIS



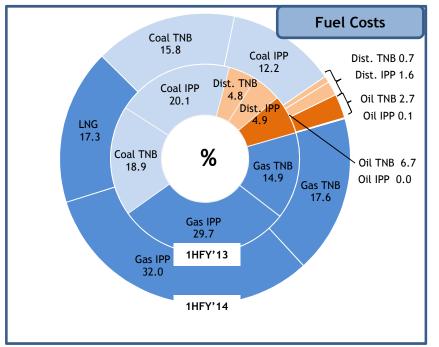
Commercial Sector (Peninsula) Recorded Y-o-Y Growth of 2.5%



INDUSTRY GENERATION IN PENINSULA (TNB & IPPs)

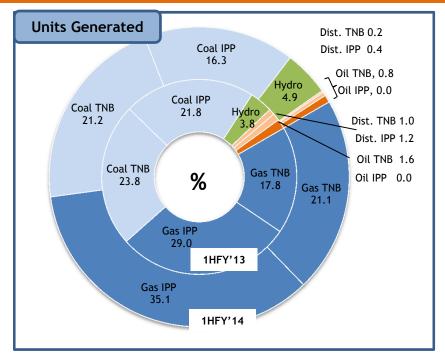


Increased LNG Supply from RGT



* % based on generation market share

	Fuel Cost (RM mn)									
Fuel	1H FY'13	%	1H FY'14	%	Variance					
Туре		70		70	RM mn	%				
Gas	3,134.5	44.6	4,044.7	66.9	2,320.7	74.0				
LNG	0.0	-1.0	1,410.5	00.7	2,520.7	74.0				
Coal	2,739.8	39.0	2,277.9	28.0	(461.9)	(16.9)				
Dist.	685.2	9.7	187.8	2.3	(497.4)	(72.6)				
Oil	469.2	6.7	229.1	2.8	(240.1)	(51.2)				
Hydro	0.0	0.0	0.0	0.0	-	0.0				
Total	7,028.7	100.0	8,150.0	100.0	1,121.3	16.0				



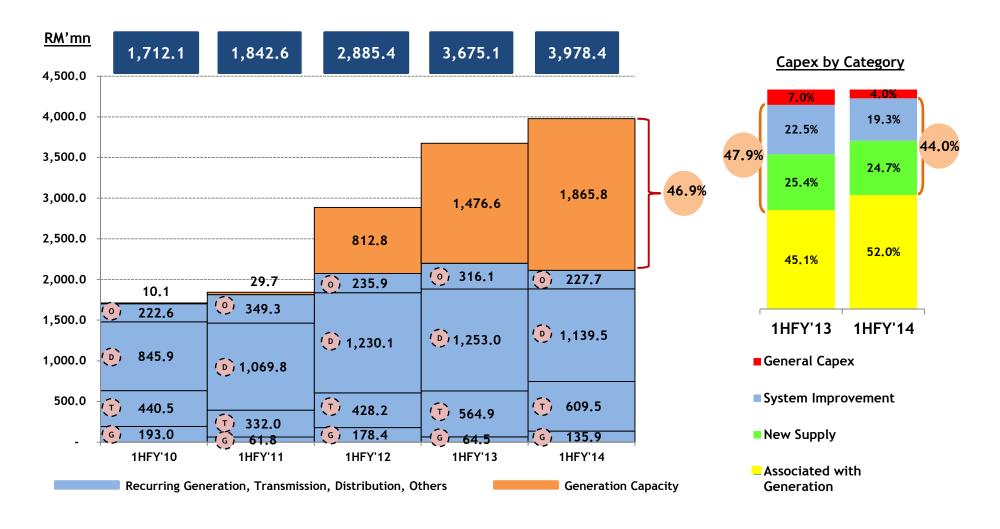
* % indicates generation market share

	Units Generated (Gwh)									
Fuel	1H FY'13			Varian	ice					
Туре	111113	70	1111114	70	Gwh	%				
Gas & LNG	24,876.8	46.8	30,888.5	56.2	6,011.7	24.2				
Coal	24,240.8	45.6	20,614.6	37.5	(3,626.2)	(15.0)				
Dist.	1,133.8	2.2	304.5	0.6	(829.3)	(73.1)				
Oil	869.6	1.6	434.9	0.8	(434.7)	(50.0)				
Hydro	2,028.0	3.8	2,703.9	4.9	675.9	33.3				
Total	53,149.0	100.0	54,946.4	100.0	1,797.4	3.4				

CAPITAL EXPENDITURE



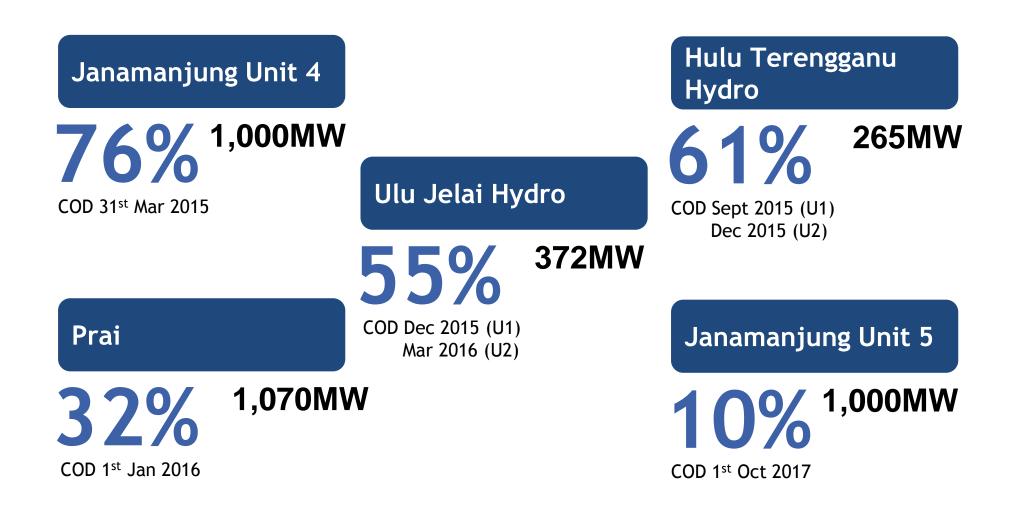
Major Projects Represent 46.9% of Total CAPEX



PROGRESS OF MAJOR PROJECTS

All Major Projects are on Track as Scheduled



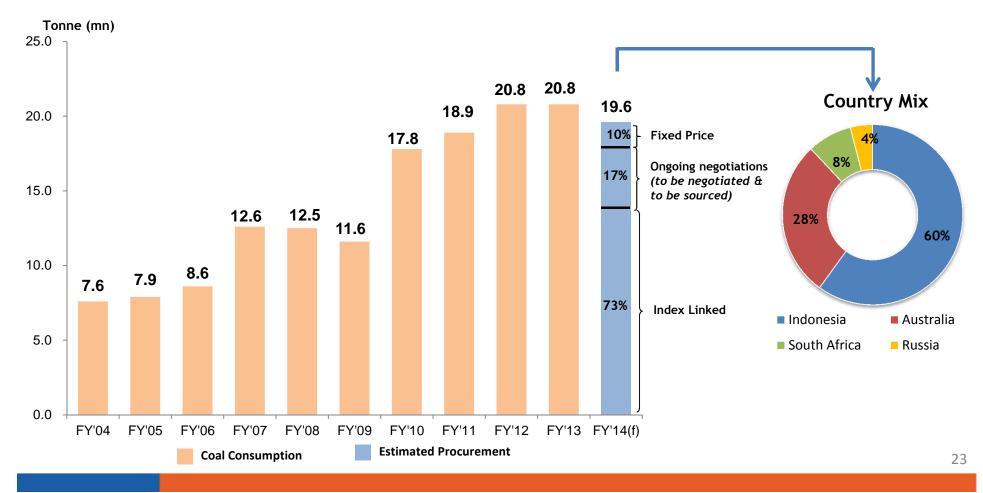




COAL REQUIREMENT

Average Coal Price for 1HFY'14 was at USD77.5/MT

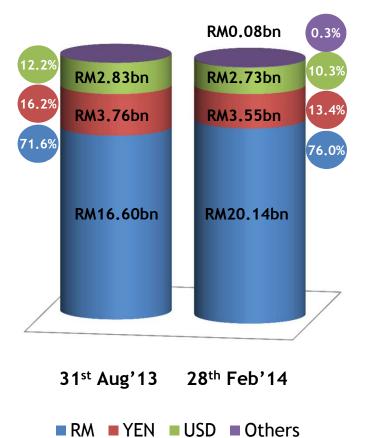
	FY'04	FY'05	FY'06	FY'07	FY'08	FY'09	FY'10	FY'11	FY'12	FY'13	1HFY'14
Average Coal Price (CIF) (USD/metric tonne)	34.0	49.8	52.8	45.3	76.4	90.2	88.2	106.9	103.6	83.6	77.5



DEBT EXPOSURE & FOREX



Increase due to Sukuk Financing for Manjung 5 Sukuk of RM3.7bn



Statistics	31st Aug'13	28th Feb'14
Total Debt (RM bn)	23.2	26.5
Net Debt (RM bn)	13.7	13.0
Gearing (%)	39.6	41.0
Net Gearing (%)	23.3	20.2
Fixed : Floating (%)	98.8:1.2	99.3:0.7
Final Exposure (%)	100.0 : 0.0	100.0 : 0.0
Weighted Average Cost of Debt (%)	4.68	4.83
Final Exposure (%)	4.77	4.89

	31st Aug'13	28th Feb'14
USD/RM	3.29	3.28
100YEN/RM	3.35	3.23
USD/YEN	98.21	101.55

SHAREHOLDING

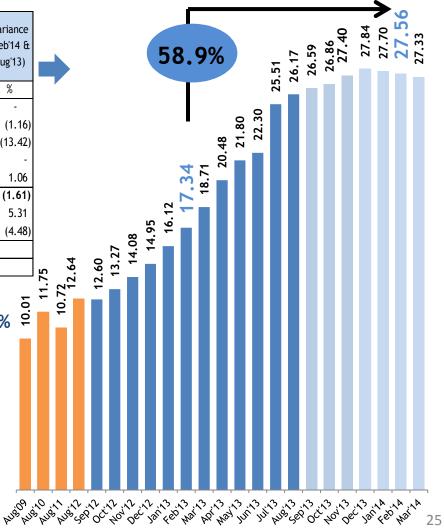


Foreign Shareholding's Trend Remained Stable

MAIN SHAREHOLDING	Aug'10	Aug'11	Aug'12	Aug'13	Nov'13	Feb'14	Variance (Feb'14 & Aug'13)	58.9%
Name	%	%	%	%	%	%	%	25
Khazanah Nasional Berhad	35.65	35.55	35.36	32.42	32.42	32.42	-	
Employees Provident Fund Board	12.48	13.17	12.67	11.18	10.29	11.05	(1.16)	.80
Skim Amanah Saham Bumiputera	9.59	9.90	10.66	8.27	6.64	7.16	(13.42)	
Lembaga Tabung Haji	3.83	3.82	3.80	0.04	-	-	-	²
Other Corporations & Govt. Agencies	23.97	20.06	18.58	15.04	16.10	15.20	1.06	
Subtotal	85.52	82.50	81.07	66.91	65.45	65.83	(1.61)	
Foreign	11.75	10.72	12.64	26.17	27.40	27.56	5.31	÷ –
Malaysian Public	2.73	6.78	6.29	6.92	7.15	6.61	(4.48)	
Total	100.00	100.00	100.00	100.00	100.00	100.00		14.08
Paid Up Capital (mn shares)	4,352.7	5,456.6	5,501.6	5,643.6	5,643.6	5,643.6		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

%

Foreign shareholding remains stable around 27% in 1HFY'14







RESULTS SNAPSHOTS

RESULTS HIGHLIGHTS

RESULTS DETAILS

QUESTION & ANSWER

DISCLAIMER



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THANK YOU

Group Unaudited Financial Results for the 2nd Quarter FY2014 ended 28th February 2014