滲 HongLeong Investment Bank

HLIB Research PP 9484/12/2012 (031413)

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Target Price:	RM13.60
Previously:	RM12.50
Current Price:	RM9.38
Capital upside	45.0%
Dividend viold	E 30/

Dividend yield	5.3%
Expected total return	50.3%

Sector coverage: Utility

Company description: Tenaga generates, transmits, distributes, and sells electricity. It also has JV & associate stakes in electricity generation in India, Turkey, Pakistan and United Kingdom.

Share price



Stock information

TN B M K
5347
5,726
53,711
4,224
Yes
Yes

Major shareholders

Khazanah Nasional Bhd	25.6%
Permodalan Nasional Bhd	17.8%
Employees Provident Fund	16.6%

Earnings	summary

FYE (Dec)	FY20	FY21f	FY22f
PATMI - core (RM m)	4,526	5,145	5,135
EPS - core (sen)	79.3	90.2	90.0
P/E(x)	11.8	10.4	10.4

Tenaga Nasional

Sustaining earnings during the pandemic

Tenaga's 3QFY21 core PATMI RM1.5bn (+19.6% QoQ; +14.9% YoY), uplifted 9MFY21 core PATMI to RM4.2bn, above HLIB expectation (85.8%) and consensus (88.5%). The strong 9MFY21 result was mainly attributed to higher than expected power generation from Tenaga own power plants. Tenaga is expected to leverage on the expected power demand growth in tandem with economic recovery under NRP as the government relaxes restrictions and implements its stimulus plans. We maintain our BUY recommendation on Tenaga with higher DCFE-derived TP: RM13.60 (from RM12.50) post earning adjustments.

Above expectation. Tenaga continued to report a strong 3QFY21 core PATMI at RM1.5bn (+19.6% QoQ; +14.9% YoY), which uplifted 9MFY21 core PATMI to RM4.2bn (+31.0% YoY). We deem the result above our expectation (85.8%) and consensus (88.5%), mainly due to higher than expected power generation from Tenaga owned power plants. The group recognised the following Els in 9MFY21: forex translation gain of RM162.4m, and net provisions and impairments (including allowance for doubtful debt) of RM1.3bn.

Dividend. None.

QoQ/YoY. Core earnings improved 19.6% QoQ and 14.9% YoY to RM1.5bn mainly due lower company tax charges on higher utilization of Reinvestment Allowances during the quarter.

YTD. Core earnings jumped 31.0% YTD to RM4.2bn, due to combination of: 1) higher electricity sales; 2) lower Tenaga sales discount and contribution for Covid-19; 3) higher revenue from good and services; 4) higher net ICPT surcharge and coal price adjustments; and 5) higher associate contributions.

RE commitment. Management remains committed towards 35% reduction of emissions intensity by 2035 and to achieve net zero emissions by 2050. Tenaga has established a New Energy Division, which is tasked to relook its international business portfolio including divestment of India and Pakistan power plants and expansion of RE in Europe and ASEAN market. Recently, Tenaga has also acquired 49% stake in Blyth offshore UK wind farm, which has 41.5MW capacity and further development rights of up to 58.4MW. The group is also finalising acquisition of 39% stake in 21.6MW rooftop solar project in Vietnam by end 2021.

Outlook. Power demand growth remains healthy at expected +2.9% YoY for 2021 in tandem with the recovery of Malaysia's economy activities as we transition to Phase 4 of the National Recovery Plan (NRP). Tenaga will leverage onto the growth of EV market, anticipating 500k EVs and 18k charging points by 2030.

Forecast. We raised our forecasts by 5.6%, 4.4% and 2.5% for FY21-23 respectively.

Maintain BUY, TP: RM13.60. We maintain BUY on Tenaga with higher DCFE-derived TP: RM13.60 (from RM12.50), given stable cash-flow and dividend payout. Tenaga's earnings are expected to sustain its earnings in FY22-23.

Financial Forecast

All items in (RM m) unless otherwise stated

Balance Sheet

FY19 6,292 8,500 5,501 1,925 09,966 38,264 8,400 78,847 9,220 6,221 45,412 31,306 27,407 19,566 57,982	FY20 6,442 7,438 7,122 1,585 112,595 34,906 10,841 180,928 10,534 6,606 49,453 28,729 28,157 123,478	FY21f 7,655 6,438 7,427 1,733 115,502 31,419 10,976 181,149 11,369 7,427 49,836 26,165 28,157	FY22f 6,558 7,438 6,869 1,658 116,225 28,269 11,111 178,128 10,080 6,869 48,691 23,795	FY23f 7,305 7,438 6,878 1,719 117,019 25,434 11,247 177,040 10,435 6,878 47,103	FYE Dec Revenue EBITDA EBIT Interest income Interest expense Interest on leases Associates & JV Profit before tax Tax Net profit	FY19 50,940 18,869 8,680 525 (1,656) (1,727) 53 5,875 (877) 4,998	FY20 43,976 19,037 8,414 318 (2,081) (1,588) 77 5,140 (590) 4,550	FY21f 49,512 20,593 10,012 203 (2,284) (1,472) 180 6,639 (1,394) 5,245	FY22f 47,370 20,370 9,944 244 (2,266) (1,365) 180 6,737 (1,482) 5,255	
8,500 5,501 1,925 09,966 38,264 8,400 78,847 9,220 6,221 45,412 31,306 27,407 19,566	7,438 7,122 1,585 112,595 34,906 10,841 180,928 10,534 6,606 49,453 28,729 28,157	6,438 7,427 1,733 115,502 31,419 10,976 181,149 11,369 7,427 49,836 26,165 28,157	7,438 6,869 1,658 116,225 28,269 11,111 178,128 10,080 6,869 48,691	7,438 6,878 1,719 117,019 25,434 11,247 177,040 10,435 6,878	EBITDA EBIT Interest income Interest expense Interest on leases Associates & JV Profit before tax Tax Net profit	18,869 8,680 525 (1,656) (1,727) 53 5,875 (877) 4,998	19,037 8,414 318 (2,081) (1,588) 77 5,140 (590)	20,593 10,012 203 (2,284) (1,472) 180 6,639 (1,394)	20,370 9,944 244 (2,266) (1,365) 180 6,737 (1,482)	
5,501 1,925 09,966 38,264 8,400 78,847 9,220 6,221 45,412 31,306 27,407 19,566	7,122 1,585 112,595 34,906 10,841 180,928 10,534 6,606 49,453 28,729 28,157	7,427 1,733 115,502 31,419 10,976 181,149 11,369 7,427 49,836 26,165 28,157	6,869 1,658 116,225 28,269 11,111 178,128 10,080 6,869 48,691	6,878 1,719 117,019 25,434 11,247 177,040 10,435 6,878	EBIT Interest income Interest expense Interest on leases Associates & JV Profit before tax Tax Net profit	8,680 525 (1,656) (1,727) 53 5,875 (877) 4,998	8,414 318 (2,081) (1,588) 77 5,140 (590)	10,012 203 (2,284) (1,472) 180 6,639 (1,394)	9,944 244 (2,266) (1,365) 180 6,737 (1,482)	
5,501 1,925 09,966 38,264 8,400 78,847 9,220 6,221 45,412 31,306 27,407 19,566	1,585 112,595 34,906 10,841 180,928 10,534 6,606 49,453 28,729 28,157	7,427 1,733 115,502 31,419 10,976 181,149 11,369 7,427 49,836 26,165 28,157	6,869 1,658 116,225 28,269 11,111 178,128 10,080 6,869 48,691	1,719 117,019 25,434 11,247 177,040 10,435 6,878	Interest income Interest expense Interest on leases Associates & JV Profit before tax Tax Net profit	525 (1,656) (1,727) 53 5,875 (877) 4,998	318 (2,081) (1,588) 77 5,140 (590)	10,012 203 (2,284) (1,472) 180 6,639 (1,394)	9,944 244 (2,266) (1,365) 180 6,737 (1,482)	
09,966 38,264 8,400 78,847 9,220 6,221 45,412 31,306 27,407 19,566	112,595 34,906 10,841 180,928 10,534 6,606 49,453 28,729 28,157	115,502 31,419 10,976 181,149 11,369 7,427 49,836 26,165 28,157	1,658 116,225 28,269 11,111 178,128 10,080 6,869 48,691	117,019 25,434 11,247 177,040 10,435 6,878	Interest expense Interest on leases Associates & JV Profit before tax Tax Net profit	525 (1,656) (1,727) 53 5,875 (877) 4,998	(2,081) (1,588) 77 5,140 (590)	203 (2,284) (1,472) 180 6,639 (1,394)	(2,266) (1,365) 180 6,737 (1,482)	
38,264 8,400 78,847 9,220 6,221 45,412 31,306 27,407 19,566	112,595 34,906 10,841 180,928 10,534 6,606 49,453 28,729 28,157	31,419 10,976 181,149 11,369 7,427 49,836 26,165 28,157	28,269 11,111 178,128 10,080 6,869 48,691	25,434 11,247 177,040 10,435 6,878	Interest on leases Associates & JV Profit before tax Tax Net profit	(1,727) 53 5,875 (877) 4,998	(1,588) 77 5,140 (590)	(1,472) 180 6,639 (1,394)	(1,365) 180 6,737 (1,482)	
8,400 78,847 9,220 6,221 45,412 31,306 27,407 19,566	10,841 180,928 10,534 6,606 49,453 28,729 28,157	10,976 181,149 11,369 7,427 49,836 26,165 28,157	28,269 11,111 178,128 10,080 6,869 48,691	25,434 11,247 177,040 10,435 6,878	Associates & JV Profit before tax Tax Net profit	53 5,875 (877) 4,998	(1,588) 77 5,140 (590)	(1,472) 180 6,639 (1,394)	(1,365) 180 6,737 (1,482)	
78,847 9,220 6,221 45,412 31,306 27,407 19,566	180,928 10,534 6,606 49,453 28,729 28,157	181,149 11,369 7,427 49,836 26,165 28,157	178,128 10,080 6,869 48,691	177,040 10,435 6,878	Profit before tax Tax Net profit	53 5,875 (877) 4,998	5,140 (590)	180 6,639 (1,394)	180 6,737 (1,482)	
9,220 6,221 45,412 31,306 27,407 19,566	10,534 6,606 49,453 28,729 28,157	11,369 7,427 49,836 26,165 28,157	10,080 6,869 48,691	10,435 6,878	Tax Net profit	(877) 4,998	(590)	(1,394)	(1,482)	
6,221 45,412 31,306 27,407 19,566	6,606 49,453 28,729 28,157	7,427 49,836 26,165 28,157	6,869 48,691	6,878	Net profit	4,998				
6,221 45,412 31,306 27,407 19,566	6,606 49,453 28,729 28,157	7,427 49,836 26,165 28,157	6,869 48,691	6,878	•		4,550	5,245	5 255	
45,412 31,306 27,407 19,566	49,453 28,729 28,157	49,836 26,165 28,157	48,691	6,878	Minarity interact	. .			0,200	
45,412 31,306 27,407 19,566	49,453 28,729 28,157	49,836 26,165 28,157	48,691	17 100	Minority interest	84	(24)	(100)	(120)	
31,306 27,407 19,566	28,729 28,157	28,157		41,103	Core PATMI	5,082	4,526	5,145	5,135	
27,407 19,566			20,100	21,625	Exceptionals	(553)	(933)	0	0	
19,566	123,478		28,157	28,157	Reported PATMI	4,529	3,593	5,145	5,135	
-	2	122,954	117,591	114,197						
57,982			,	,	Concensus			4,703	4,866	
	55,833	56,528	58,810	61,041	HLIB/Consensus (%)			109.4%	105.5%	
1,300	1,617	1,667	1,727	1,802						
59,282	57,450	58,195	60,537	62,843	Valuation & Ratios					
-					FYE Dec	FY19	FY20	FY21f	FY22f	
					Reported EPS (sen)		63.0			
FY19	FY20	FY21f	FY22f	FY23f						
5,875	5,140	6,639				3.5				
10,189		10,581	10,427	10,041		0.9	1.0	0.9	0.9	
(1,058)	418	1,202	(1,214)	293		100.0		50.0		
(1,610)	(2,945)	(1,394)		(1,743)		32.0%	8.5%	5.3%	5.3%	
3,977	188	1,292	1,185	1,086	BVPS (RM)	4.89	5.06	4.64	4.69	
17,373	13,425	18,320	15,652	16,938		1.9	1.9	2.0	2.0	
(10,760)	(6,910)	(10,000)	(8,000)	(8,000)	EBITDA margin	37.0%	43.3%	41.6%	43.0%	
52	189	0	0	0	EBIT margin	17.0%	19.1%	20.2%	21.0%	
39	14	0	0	0	PBT margin	11.5%	11.7%	13.4%	14.2%	
1,539	1,016	1,045	(955)	45	Net margin	10.0%	10.3%	10.4%	10.8%	
(9,130)	(5,691)	(8,955)	(8,955)	(7,955)	-					
					ROE	8.3%	8.0%	9.2%	8.9%	
(2,644)	2,005	383	(1,145)	(1,588)	ROA	2.8%	2.5%	2.8%	2.9%	
0	0	0	0	0	Net gearing		-77.0%			
(3,014)	(5,236)	(4,450)	(2,852)	(3,138)						
(7,746)	(1,987)	(4,086)	(3,796)	(3,511)	Assumptions					
(13,403)	(5,218)	(8,152)	(7,794)	(8,236)	FYE Dec	FY19	FY20	FY21f	FY22f	
		•	•	•	Unit Sale (TWh)	123,252	117,004	119,828	122,143	1
(5,160)	2,515	1,213	(1,096)	747	Growth (% yoy)	2.7%	-5.1%	2.4%	1.9%	
1		0	0	0	Tariff (Sen/kWh)	40.51	36.99	40.53	38.09	
2,780		0	0	0	Gas \$ (RM/mmbtu)	28.0	23.8	20.0	24.0	
8,671	6,292	6,442	7,655	6,558	Gas Vol. (mmsftd)	1,047	710	767	767	
				7,305		34.2				
	-					19	0	5	5	
					Coal \$ (US\$/T)	80	61	110	80	
					Coal Vol. (MT)	29	35			
	5,875 10,189 (1,058) (1,610) 3,977 17,373 10,760) 52 39 1,539 (9,130) (2,644) 0 (3,014) (7,746) 13,403) (5,160) 1 2,780	5,875 5,140 10,189 10,622 (1,058) 418 (1,610) (2,945) 3,977 188 17,373 13,425 10,760) (6,910) 52 189 39 14 1,539 1,016 (9,130) (5,691) (2,644) 2,005 0 0 (3,014) (5,236) (7,746) (1,987) 13,403) (5,218) (5,160) 2,515 1 (0) 2,780 (2,365) 8,671 6,292	5,875 $5,140$ $6,639$ $10,189$ $10,622$ $10,581$ $(1,058)$ 418 $1,202$ $(1,610)$ $(2,945)$ $(1,394)$ $3,977$ 188 $1,292$ $17,373$ $13,425$ $18,320$ $10,760)$ $(6,910)$ $(10,000)$ 52 189 0 39 14 0 $1,539$ $1,016$ $1,045$ $(9,130)$ $(5,691)$ $(8,955)$ $(2,644)$ $2,005$ 383 0 0 0 $(3,014)$ $(5,236)$ $(4,450)$ $(7,746)$ $(1,987)$ $(4,086)$ $13,403$ $(5,218)$ $(8,152)$ $(5,160)$ $2,515$ $1,213$ 1 (0) 0 $2,780$ $(2,365)$ 0 $8,671$ $6,292$ $6,442$	5,875 $5,140$ $6,639$ $6,737$ $10,189$ $10,622$ $10,581$ $10,427$ $(1,058)$ 418 $1,202$ $(1,214)$ $(1,610)$ $(2,945)$ $(1,394)$ $(1,482)$ $3,977$ 188 $1,292$ $1,185$ $17,373$ $13,425$ $18,320$ $15,652$ $(10,760)$ $(6,910)$ $(10,000)$ $(8,000)$ 52 189 0 0 39 14 0 0 $1,539$ $1,016$ $1,045$ (955) $(9,130)$ $(5,691)$ $(8,955)$ $(8,955)$ $(2,644)$ $2,005$ 383 $(1,145)$ 0 0 0 0 $(3,014)$ $(5,236)$ $(4,450)$ $(2,852)$ $(7,746)$ $(1,987)$ $(4,086)$ $(3,796)$ $(3,014)$ $(5,218)$ $(8,152)$ $(7,794)$ $(5,160)$ $2,515$ $1,213$ $(1,096)$	5,875 $5,140$ $6,639$ $6,737$ $7,261$ $10,189$ $10,622$ $10,581$ $10,427$ $10,041$ $(1,058)$ 418 $1,202$ $(1,214)$ 293 $(1,610)$ $(2,945)$ $(1,394)$ $(1,482)$ $(1,743)$ $3,977$ 188 $1,292$ $1,185$ $1,086$ $17,373$ $13,425$ $18,320$ $15,652$ $16,938$ $(10,760)$ $(6,910)$ $(10,000)$ $(8,000)$ $(8,000)$ 52 189 000 39 14 000 $1,539$ $1,016$ $1,045$ (955) 45 $(9,130)$ $(5,691)$ $(8,955)$ $(8,955)$ $(7,955)$ $(2,644)$ $2,005$ 383 $(1,145)$ $(1,588)$ 0 0000 $(3,014)$ $(5,236)$ $(4,450)$ $(2,852)$ $(3,138)$ $(7,746)$ $(1,987)$ $(4,086)$ $(3,796)$ $(3,511)$ $(3,614)$ $2,515$ $1,213$ $(1,096)$ 747 1 (0) 000 $2,780$ $(2,365)$ 000 $8,671$ $6,292$ $6,442$ $7,655$ $6,558$	FY19 FY20 FY21f FY22f FY23f Core EPS (sen) 5,875 5,140 6,639 6,737 7,261 Core P/E (x) 10,189 10,622 10,581 10,427 10,041 EV/EBITDA (x) (1,058) 418 1,202 (1,214) 293 DPS (sen) (1,610) (2,945) (1,394) (1,482) (1,743) Dividend yield (%) 3,977 188 1,292 1,185 1,086 BVPS (RM) 17,373 13,425 18,320 15,652 16,938 P/B (x) 10,760) (6,910) (10,000) (8,000) (8,000) EBITDA margin 52 189 0 0 0 EBIT margin 39 14 0 0 PBT margin 1,539 1,016 1,045 (955) 45 Net margin (2,644) 2,005 383 (1,145) (1,588) ROA 0 0 0 0 0 N	FY19 FY20 FY21f FY22f FY23f Core EPS (sen) 79.6 5,875 5,140 6,639 6,737 7,261 Core EPS (sen) 89.4 10,189 10,622 10,581 10,427 10,041 EV/EBITDA (x) 0.9 (1,058) 418 1,202 (1,214) 293 DPS (sen) 100.0 (1,610) (2,945) (1,394) (1,482) (1,743) Dividend yield (%) 32.0% 3,977 188 1,292 1,185 1,086 BVPS (RM) 4.89 17,373 13,425 18,320 15,652 16,938 P/B (x) 1.9 10,760) (6,910) (10,000) (8,000) (8,000) EBITDA margin 37.0% 52 189 0 0 0 BTT.0% 1.5% 1,539 1,016 1,045 (955) 45 Net margin 10.0% (9,130) (5,691) (8,955) (7,955) ROE 8.3% <td< td=""><td>FY19 FY20 FY21f FY22f FY23f Core EPS (sen) 79.6 63.0 5,875 5,140 6,639 6,737 7,261 Core EPS (sen) 89.4 79.3 10,189 10,622 10,581 10,427 10,041 EV/EBITDA (x) 0.9 1.0 (1,058) 418 1,202 (1,214) 293 DPS (sen) 100.0 80.0 (1,610) (2,945) (1,394) (1,482) (1,743) Dividend yield (%) 32.0% 8.5% 3,977 188 1,292 1,185 1,086 BVPS (RM) 4.89 5.06 17,373 13,425 18,320 15,652 16,938 P/B (x) 1.9 1.9 10,760) (6,910) (10,000) (8,000) EBITDA margin 37.0% 43.3% 52 189 0 0 0 PET margin 11.5% 11.7% 1,539 1,016 1,045 (955) 45 Net margin 10.0% 0.</td><td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td><td>FY19 FY20 FY21f FY22f FY23f Core EPS (sen) 79.6 63.0 90.2 90.0 $5,875$ $5,140$ $6,639$ $6,737$ $7,261$ Core EPS (sen) 89.4 79.3 90.2 90.0 $5,875$ $5,140$ $6,639$ $6,737$ $7,261$ Core P/E (x) 3.5 11.8 10.4 10.4 10.4 10.9 0.9 90.0 $(1,058)$ 418 1.202 $(1,214)$ 293 DPS (sen) 100.0 80.0 50.0 50.0</td></td<>	FY19 FY20 FY21f FY22f FY23f Core EPS (sen) 79.6 63.0 5,875 5,140 6,639 6,737 7,261 Core EPS (sen) 89.4 79.3 10,189 10,622 10,581 10,427 10,041 EV/EBITDA (x) 0.9 1.0 (1,058) 418 1,202 (1,214) 293 DPS (sen) 100.0 80.0 (1,610) (2,945) (1,394) (1,482) (1,743) Dividend yield (%) 32.0% 8.5% 3,977 188 1,292 1,185 1,086 BVPS (RM) 4.89 5.06 17,373 13,425 18,320 15,652 16,938 P/B (x) 1.9 1.9 10,760) (6,910) (10,000) (8,000) EBITDA margin 37.0% 43.3% 52 189 0 0 0 PET margin 11.5% 11.7% 1,539 1,016 1,045 (955) 45 Net margin 10.0% 0.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	FY19 FY20 FY21f FY22f FY23f Core EPS (sen) 79.6 63.0 90.2 90.0 $5,875$ $5,140$ $6,639$ $6,737$ $7,261$ Core EPS (sen) 89.4 79.3 90.2 90.0 $5,875$ $5,140$ $6,639$ $6,737$ $7,261$ Core P/E (x) 3.5 11.8 10.4 10.4 10.4 10.9 0.9 90.0 $(1,058)$ 418 1.202 $(1,214)$ 293 DPS (sen) 100.0 80.0 50.0

RM/US\$

4.12

4.22

4.15

4.15

Income Statement

FY23f

49,126 20,313

10,272

278 (2,203) (1,266) 180 7,261 (1,743) 5,518 (150) **5,368** 0 5,368

5,068 105.9%

FY23f 94.1 94.1

10.0

0.9

60.0 6.4% 4.59 2.0

41.3% 20.9% 14.8% 10.9%

9.0% 3.0% -65.2%

FY23f 124,581 2.0% 38.74 28.0 767 28.0 5 80 34

4.15

Tenaga Nasional I Results Review: 3QFY21

Figure #1	Quarterly	results comparison
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FYE Dec (RMm)	3QFY20	2QFY21	3QFY21	QoQ (%)	YoY (%)	9MFY20	9MFY21	YoY (%)
Revenue	11,106.4	12,442.0	12,975.4	4.3%	16.8%	33,633.9	36,664.1	9.0%
EBITDA	5,004.6	5,233.2	5,024.4	-4.0%	0.4%	14,310.8	15,812.0	10.5%
EBIT	2,388.5	2,621.0	2,400.8	-8.4%	0.5%	6,449.4	7,928.2	22.9%
Net Finance Expense	(840.6)	(914.6)	(873.4)	-4.5%	3.9%	(2,464.0)	(2,671.9)	8.4%
Associates	6.8	48.4	50.0	3.3%	635.3%	37.8	121.0	220.1%
PBTEx Forex & EI	1,554.7	1,754.8	1,577.4	-10.1%	1.5%	4,023.2	5,377.3	33.7%
Tax	(284.7)	(499.3)	(64.6)	-87.1%	-77.3%	(813.5)	(1,128.6)	38.7%
Less: MI	7.7	(28.5)	(44.9)			(33.9)	(88.2)	
Core PATMI	1,277.7	1,227.0	1,467.9	19.6%	14.9%	3,175.8	4,160.5	31.0%
EI	(400.2)	(492.8)	(294.8)			(695.1)	(1,298.6)	
Forex	158.2	(59.9)	(45.7)			(174.3)	(162.4)	
Deferred Tax	(26.1)	147.2	(123.6)			74.3	84.5	
Reported PATMI	1,009.6	821.5	1,003.8	22.2%	-0.6%	2,380.7	2,784.0	16.9%
EPS (Sen)	17.7	14.4	17.6	22.2%	-0.6%	41.8	48.8	16.8%
Core EPS (Sen)	22.4	21.5	25.7	19.6%	14.9%	55.7	72.9	30.9%
				ppts	ppts			ppts
Core EBITDA margin (%)	45.1%	42.1%	38.7%	-3.3	-6.3	42.5%	43.1%	0.6
Core EBIT margin(%)	21.5%	21.1%	18.5%	-2.6	-3.0	19.2%	21.6%	2.4
Core PBT margin(%)	14.0%	14.1%	12.2%	-1.9	-1.8	12.0%	14.7%	2.7
Core PATMI margin (%)	11.5%	9.9%	11.3%	1.5	-0.2	9.4%	11.3%	1.9

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Figure #2 Regulatory cost adjustments

	3QFY'20 (RM mil)	4QFY'20 (RM mil)	1QFY'21 (RM mn)	2QFY'21 (RM mn)	3QFY'21 (RM mn)
Reported Total Cost of Generation (with MFRS16)	4,404.5	3,745.9	4,199.9	5,033.5	6,107.3
Adjustment not related to IBR	989.5	993.4	902.1	830.9	756.6
TNB Capacity and VOR: SLA & SPV	1,424.9	1,402.1	1,757.6	1,689.3	1,372.9
Total Generation Costs (Related to IBR)	6,818.9	6,141.4	6,859.6	7,553.7	8,236.8

	3QFY'20	4QFY'20	1QFY'21	2QFY'21	3QFY'21
	(RM mil)	(RM mil)	(RM mn)	(RM mn)	(RM mn)
Single Buyer Actual Generation Costs: (A)	6,818.9	6,141.4	6,859.6	7,553.7	8,236.8
Actual Sales (Gwh)	28,747.9	28,455.4	27,852.8	28,055.1	26,830.8
Single Buyer Tariff (RM/kwh)	0.2705	0.2705	0.2580	0.2580	0.2580
Actual Gen Cost Recovered (RM mn) (B)	7,775.8	7,696.6	7,186.9	7,239.1	6,923.2
ICPT Surcharge / (Rebate) (C) (C = A - B)	(956.8)	(1,555.3)	(327.3)	314.6	1,313.5
(+) Prior Year Accounting Adjustment	0.0	0.0	0.0	0.0	0.0
ICPT	(956.8)	(1,555.3)	(327.3)	314.6	1,313.5

Company

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Figure #3 MFRS 16 accounting impact

	9MFY'21 (RM mil)	9MFY'20 (RM mil)	Variance (RM mil)	Remarks
Capacity Payment	3,149.2	3,329.9	(180.7)	Decreasing EBITDA and PAT in 9MFY'21
Depreciation	(2,607.0)	<mark>(</mark> 2,721.1)	114.1	Increasing PAT in 9MFY'21
Finance Cost	(1,097.7)	(1,203.9)	106.2	Increasing PAT in 9MFY'21
Deferred Tax	121.3	133.0	(11.7)	Decreasing PAT in 9MFY'21
Net Impact	(434.2)	(462.1)	27.9	Increasing PAT in 9MFY'21

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

Company

Figure #4 Revenue breakdown

Unit Sales	3QFY20	2QFY21	3QFY21	QoQ (%)	YoY (%)	9MFY20	9MFY21	YoY (%)
TNB	10,031.5	11,891.7	11,596.9	-2.5%	15.6%	31,109.2	34,026.1	9.4%
EGAT (Export)	0.1	0.2	0.1	N.M.	N.M.	0.8	0.3	N.M.
SESB	535.5	578.2	553.4	-4.3%	3.3%	1,607.5	1,650.3	2.7%
LPL	23.8	20.7	16.1	-22.2%	-32.4%	88.3	70.1	-20.6%
UK Wind	17.8	101.8	96.4	-5.3%	441.6%	17.8	231.3	1199.4%
UK Solar	142.1	99.4	136.9	37.7%	-3.7%	304.6	290.0	-4.8%
Accrual Account	171.6	(536.3)	342.6	-163.9%	99.7%	(44.3)	(50.0)	12.9%
Goods & Services	97.1	207.2	143.1	-30.9%	47.4%	314.7	443.8	41.0%
Deferred Income	86.9	79.1	89.9	13.7%	3.5%	253.1	233.5	-7.7%
Total	11,106.4	12,442.0	12,975.4	4.3%	16.8%	33,651.7	36,895.4	9.6%

Company, HLIB Research

Figure #5 Unit electricity sales breakdown by market

3QFY20	2QFY21	3QFY21	QoQ (%)	YoY (%)	9MFY20	9MFY21	YoY (%)
28,747.9	28,055.1	26,830.8	-4.4%	-6.7%	82,283.7	82,738.7	0.6%
1,364.9	1,379.7	1,309.9	-5.1%	-4.0%	3,958.9	3,976.4	0.4%
18.1	14.1	11.0	-22.0%	-39.2%	67.1	49.5	-26.2%
31.5	140.0	115.7	-17.4%	267.3%	31.5	305.1	868.6%
331.7	398.0	377.6	-5.1%	13.8%	674.3	878.8	30.3%
30,494.1	29,986.9	28,645.0	-4.5%	-6.1%	87,015.5	87,948.5	1.1%
	28,747.9 1,364.9 18.1 31.5 331.7	28,747.9 28,055.1 1,364.9 1,379.7 18.1 14.1 31.5 140.0 331.7 398.0	28,747.9 28,055.1 26,830.8 1,364.9 1,379.7 1,309.9 18.1 14.1 11.0 31.5 140.0 115.7 331.7 398.0 377.6	28,747.9 28,055.1 26,830.8 -4.4% 1,364.9 1,379.7 1,309.9 -5.1% 18.1 14.1 11.0 -22.0% 31.5 140.0 115.7 -17.4% 331.7 398.0 377.6 -5.1%	28,747.9 28,055.1 26,830.8 -4.4% -6.7% 1,364.9 1,379.7 1,309.9 -5.1% -4.0% 18.1 14.1 11.0 -22.0% -39.2% 31.5 140.0 115.7 -17.4% 267.3% 331.7 398.0 377.6 -5.1% 13.8%	28,747.9 28,055.1 26,830.8 -4.4% -6.7% 82,283.7 1,364.9 1,379.7 1,309.9 -5.1% -4.0% 3,958.9 18.1 14.1 11.0 -22.0% -39.2% 67.1 31.5 140.0 115.7 -17.4% 267.3% 31.5 331.7 398.0 377.6 -5.1% 13.8% 674.3	28,747.9 28,055.1 26,830.8 -4.4% -6.7% 82,283.7 82,738.7 1,364.9 1,379.7 1,309.9 -5.1% -4.0% 3,958.9 3,976.4 18.1 14.1 11.0 -22.0% -39.2% 67.1 49.5 31.5 140.0 115.7 -17.4% 267.3% 31.5 305.1 331.7 398.0 377.6 -5.1% 13.8% 674.3 878.8

Company, HLIB Research

Figure #6 TNB Peninsular unit sales breakdown by industry

FYE Dec (GWh)	3QFY20	2QFY21	3QFY21	QoQ (%)	YoY (%)	9MFY20	9MFY21	YoY (%)
Industrial	11,478	10,737	10,205	-5.0%	-11.1%	31,289	32,235	3.0%
Commercial	9,347	8,490	7,816	-7.9%	-16.4%	26,541	24,836	-6.4%
Domestic	7,342	8,247	8,218	-0.4%	11.9%	22,837	23,918	4.7%
Others	581	581	591	1.7%	1.7%	1,717	1,749	1.8%
Total	28,748	28,055	26,830	-4.4%	-6.7%	82,384	82,738	0.4%

Company, HLIB Research

Tenaga Nasional I Results Review: 3QFY21

Figure #7 TNB Peninsular fuel generation breakdown

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FYE Dec (GWh)	3QFY20	2QFY21	3QFY21	QoQ (%)	YoY (%)	9MFY20	9MFY21	YoY (%)
Gas TNB	5,362.5	8,371.8	7,538.0	-10.0%	40.6%	16,092.3	22,517.6	39.9%
Gas IPPs	3,377.4	3,431.7	2,561.7	-25.4%	-24.2%	11,126.7	8,803.2	-20.9%
Coal TNB	12,520.3	10,136.7	12,141.2	19.8%	-3.0%	37,199.0	33,972.2	-8.7%
Coal IPPs	8,649.1	7,564.4	6,471.7	-14.4%	-25.2%	23,697.2	21,441.4	-9.5%
Distillate TNB	0.0	0.0	0.0	#DIV/0!	#DIV/0!	0.0	47.0	#DIV/0!
Distillate IPPs	0.0	0.0	0.0	#DIV/0!	#DIV/0!	0.0	0.0	#DIV/0!
Oil TNB	0.0	0.0	31.0	#DIV/0!	#DIV/0!	12.9	31.0	140.3%
Oil IPPs	0.0	0.0	0.0	#DIV/0!	#DIV/0!	0.0	0.0	#DIV/0!
Hydro	1,417.0	1,564.5	1,538.6	-1.7%	8.6%	3,133.2	5,132.3	63.8%
Solar	203.5	284.0	284.7	0.2%	39.9%	648.2	854.4	31.8%
Total	31,529.8	31,353.1	30,566.9	-2.5%	-3.1%	91,261.3	91,944.7	0.7%

Company, HLIB Research

Figure #8 TNB Peninsular fuel cost breakdown

FYE Dec (RMm)	3QFY20	2QFY21	3QFY21	QoQ (%)	YoY (%)	9MFY20	9MFY21	YoY (%)
Gas TNB	934.3	1,108.3	1,082.5	-2.3%	15.9%	2,946.0	2,843.9	-3.5%
Gas IPPs	658.1	368.3	430.6	16.9%	-34.6%	2,166.9	1,151.1	-46.9%
LNGs	0.0	0.0	0.0	#DIV/0!	#DIV/0!	0.0	0.0	#DIV/0!
Coal TNB	1,306.4	1,876.0	2,854.0	52.1%	118.5%	4,214.4	6,562.9	55.7%
Coal IPPs	902.7	1,062.6	1,068.4	0.5%	18.4%	2,813.6	2,922.9	3.9%
Distillate TNB	19.3	8.7	11.7	34.5%	-39.5%	30.0	58.2	94.0%
Distillate IPPs	-5.3	0.0	0.0	#DIV/0!	-100.0%	0.0	0.0	#DIV/0!
Oil TNB	1.0	0.3	0.6	100.0%	-40.0%	5.2	1.3	-75.0%
Oil IPPs	0.0	0.0	0.0	#DIV/0!	#DIV/0!	0.0	0.0	#DIV/0!
Total	3,816.5	4,424.2	5,447.8	23.1%	42 .7%	12,176.1	13,540.3	11.2%

Company, HLIB Research

Figure #9 TNB cost breakdown

FYE Dec (RMm)	3QFY20	2QFY21	3QFY21	QoQ (%)	YoY (%)	9MFY20	9MFY21	YoY (%)
Total IPP Purchases	2,038.9	1,945.5	2,018.9	3.8%	-1.0%	6,393.5	5,620.4	-12.1%
Fuel Costs	2,528.7	2,624.7	2,975.6	13.4%	17.7%	7,845.9	7,651.9	-2.5%
Repair & Maintenance	497.3	480.1	471.8	-1.7%	-5.1%	1,452.3	1,410.0	-2.9%
Staff costs	1,056.3	993.3	902.4	-9.2%	-14.6%	2,915.2	2,851.1	-2.2%
TNB General Expenses	539.8	408.2	328.2	-19.6%	-39.2%	1,322.4	1,096.1	-17.1%
Others	441.2	530.5	388.4	-26.8%	-12.0%	847.9	1,445.3	70.5%
Depreciation & Amortization	2,616.1	2,612.2	2,623.6	0.4%	0.3%	7,861.4	7,883.8	0.3%
Total	9,718.3	9,594.5	9,708.9	1.2%	-0.1%	28,638.6	27,958.6	-2.4%

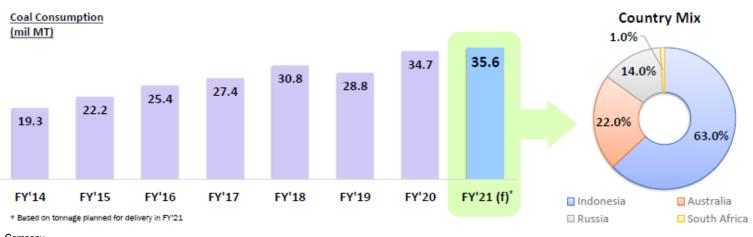
Company, HLIB Research

Tenaga Nasional I Results Review: 3QFY21

Expected coal consumption

Figure #10

-	-							
Average Coal Price (CIF)	FY'14	FY'15	FY'16	FY'17	FY'18	FY'19	FY'20	9MFY'21
USD/metric tonne (MT)	75.4	66.0	55.7	72.7	95.9	79.3	60.6	97.8
RM/metric tonne (MT)	244.6	236.0	231.1	314.7	388.1	326.3	255.6	403.5



Company

Coal price movements

ADAIS

Coal price & Applicable Coal Price (ACP) comparison

205415

Average Coal Price Delivered (RM/MT)

Average Coal Price Delivered (RM/mmBtu) *

.8

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1QFY21

321.56

15.08

11.49

10FT1

\$

4QFY20

238.80

10.62

11.41

2059727

2QFY21

379.84

17.51

14.89

305727

ADEPTET

3QFY21

520.47

23.61

16.65

JOP'L

----- Applicable Coal Price (ACP) (RM/MT)

10FT19

20572 20512

NOF'19

2054 205

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.

AOFTIC

205725

Peterso

205722 305472

In 3QFY'21, the base ACP (RM16.65/mmBtu) used for billing the generators is lower than the coal price paid to supplier (RM23.61/mmBtu).

Company

30Frite

AOFTA

10Fr15

ACP (RM/mmBtu)

* Based on internal conversion

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•••	
BUY	Expected absolute return of +10% or more over the next 12 months.
HOLD	Expected absolute return of -10% to +10% over the next 12 months.
SELL	Expected absolute return of -10% or less over the next 12 months.
UNDER REVIEW	Rating on the stock is temporarily under review which may or may not result in a change from the previous rating.
NOT RATED	Stock is not or no longer within regular coverage.

Sector rating guide

OVERWEIGHT	Sector expected to outperform the market over the next 12 months.
NEUTRAL	Sector expected to perform in-line with the market over the next 12 months.
UNDERWEIGHT	Sector expected to underperform the market over the next 12 months.

The stock rating guide as stipulated above serves as a guiding principle to stock ratings. However, apart from the abovementioned quantitative definitions, other qualitative measures and situational aspects will also be considered when arriving at the final stock rating. Stock rating may also be affected by the market capitalisation of the individual stock under review.

