

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	1,894 MW
Hydro	2,277 MW
Distillate	0 MW
Total TNB	4,171 MW
Total IPP	15,503 MW
Total Co-Gen	0 MW
Total System	19,960 MW

Generation Mix

Type	MWh	Percentage
Gas	18,614	5.82 %
Hydro	7,841	2.45 %
Total TNB	26,455	8.27 %
ST-Coal	196,551	61.46 %
Gas	94,386	29.52 %
Total IPP	290,937	90.98 %
Co-Gen	1,327	0.41 %
Total Co-Gen	1,327	0.41 %
Total Generation	318,719	99.67 %
PLTG	-365	-0.11 %
HVDC	-696	-0.22 %
Interconnection	-1,061	-0.33 %
Net Energy	319,780	100.00 %

Maximum Demand Record

Date: 4/12/2018	17,997 MW
Date: 4/12/2018	380,797 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	16,437 MW
TNB Generation	1,879 MW
IPP Generation	13,106 MW
Spinning Reserve	1,396 MW
Maximum Demand	15,126 MW
Net Energy	319,780 MWH
Load Factor	88.09 %

Fuel Cost

Total Cost:	57,300,363.13 RM
Cost per Unit	18.43 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	414
Hydro	239
Syncon	1,005
Thermal	262
Total	1,920

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	26

Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	14405	13827	13303	12862	12559	12247	12174	12022	11245	11753	12594	13146	13224	13259	13571	13683	13755	13646	13163	13332	14879	15126	14944	14691

Gas Usage

Station	(mmscfd)
PGPS	23
SRDG	2
TJGS	107
Total TNB	132
CBPS	55
KLPP	105
NPRI	161
PGLA	106
PTEK	4
SGRI	68
SKSP	50
YPKA	62
Total IPP	611
Total Gas	743
Total Gas Required	743

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Daily MW Generation on Sunday

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																								
S.Reserve Total		1648	1998	2073	2411	2463	2490	2778	2713	2839	2869	2966	2946	3005	2872	3062	3553	3692	3274	3142	2931	2516	2261	1874	1860	1932	2268	2338	2169	2086	1879	2028	1969	2087	2068	2190	2437	2641	2934	2923	1992	1735	1729	1396	1652	1781	1593	1598	1998