

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,791 MW
Hydro	2,359 MW
Distillate	0 MW
Total TNB	5,150 MW
Total IPP	15,691 MW
Total Co-Gen	70 MW
Total System	21,475 MW

Generation Mix

Type	MWh	Percentage
Gas	38,930	13.20 %
Hydro	21,015	7.13 %
Total TNB	59,945	20.33 %
ST-Coal	185,790	63.01 %
Gas	49,740	16.87 %
Total IPP	235,530	79.88 %
Co-Gen	125	0.04 %
Total Co-Gen	125	0.04 %
Total Generation	295,600	100.25 %
PLTG	157	0.05 %
HVDC	590	0.20 %
Interconnection	747	0.25 %
Net Energy	294,853	100.00 %

Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	15,393 MW
TNB Generation	3,254 MW
IPP Generation	10,885 MW
Spinning Reserve	1,250 MW
Maximum Demand	14,059 MW
Net Energy	294,853 MWH
Load Factor	87.39 %

Fuel Cost

Total Cost:	44,144,590.55 RM
Cost per Unit	16.07 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	215
Hydro	385
Syncon	698
Thermal	173
Total	1,471

Time Weather Temperature

Afternoon	Rainy	30
Morning	Sunny	25

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	12238	11716	11372	10993	10720	10612	10460	10510	10427	11356	12169	12712	12753	12688	12995	13122	13267	13023	12766	13045	14024	14059	13626	13425

Gas Usage

Station	(mmscfd)
GLGR	53
TJGS	220
Total TNB	272

CBPS	54
NPRI	148
PGLA	75
PLPS	51
PTEK	16
Total IPP	344

Total Gas	617
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Total Gas Required	617
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Alternate Fuel Usage

Station	(mmscfd)
Total	0

Daily MW Generation on Saturday

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		1370	1684	1778	1734	1833	1884	2198	2180	2363	2402	2517	2511	2600	2465	2543	2686	2582	2068	1945	1782	1639	1663	1504	1473	1696	1842	1699	1753	985	1106	1324	1337	1500	1433	1583	1716	1824	1690	2042	1225	1098	1344	1250	1460	1734	1502	1499	1417