

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,708 MW
Hydro	2,088 MW
Distillate	0 MW
Total TNB	4,796 MW
Total IPP	13,786 MW
Total Co-Gen	70 MW
Total System	19,216 MW

Generation Mix

Type	MWh	Percentage
Gas	36,783	12.06 %
Hydro	11,680	3.83 %
Total TNB	48,463	15.89 %
ST-Coal	176,668	57.93 %
Gas	77,565	25.44 %
Total IPP	254,233	83.37 %
Co-Gen	1,529	0.50 %
Total Co-Gen	1,529	0.50 %
Total Generation	304,225	99.76 %
PLTG	-23	-0.01 %
HVDC	-695	-0.23 %
Interconnection	-718	-0.24 %
Net Energy	304,943	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	15,288 MW
TNB Generation	2,798 MW
IPP Generation	11,456 MW
Spinning Reserve	970 MW
Maximum Demand	14,287 MW
Net Energy	304,943 MWH
Load Factor	88.93 %

Fuel Cost

Total Cost:	48,128,822.30 RM
Cost per Unit	16.45 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	261
Hydro	284
Syncon	879
Thermal	200
Total	1,624

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Cloudy	28

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	13561	12815	12376	11985	11725	11514	11457	11259	10803	11402	12116	12621	13022	12966	13399	13450	13345	12979	12557	12979	14163	14287	14020	13663

Gas Usage

Station	(mmscfd)
GLGR	53
PAKA	92
PGPS	30
TJGS	104
Total TNB	279
CBPS	51
KLPP	81
NPRI	143
PGLA	99
PLPS	49
SGRI	138
Total IPP	562
Total Gas	841
Total Gas Required	841

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																										
SRev CCGT-Gas		607	695	535	835	890	1001	1070	1221	1453	1592	1299	1128	1298	1254	1314	1531	1546	1384	1085	731	534	246	170	245	283	324	320	339	329	231	440	258	307	286	550	656	796	867	748	276	287	228	64	131	228	478	250	581		
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		-7	1	4	1	4	3	2	1	3	4	2	2	2	4	4	2	1	3	3	9	6	7	11	11	9	11	11	9	11	11	10	13	11	11	11	10	10	9	10	9	9	6	6	5	5	5	5	5	5	5
Syncon		1097	1248	1097	1097	1248	1248	1349	1450	1450	1450	1263	1263	1076	925	1263	1450	1450	1450	1450	1349	1248	910	1162	1162	1198	1349	1248	946	946	946	759	946	946	946	946	1349	1450	684	820	548	361	361	361	597	784	1248	1248	1248		
Hydro		201	66	244	226	104	73	117	104	81	119	187	170	266	352	181	107	91	84	80	132	112	288	210	193	206	84	74	335	336	333	429	243	254	247	327	85	87	444	396	288	350	364	448	408	291	92	66	69		
S.Reserve Total		2009	2132	1999	2257	2351	2447	2653	2855	2925	3367	3149	2840	2924	2823	3047	3487	3538	3212	2906	2511	2189	1739	1881	1936	1961	1978	1882	1865	1785	1641	1833	1779	1938	1980	2319	2232	2475	2076	2042	1195	1087	1031	970	1211	1391	1939	1706	2000		