

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,744 MW
Hydro	2,034 MW
Distillate	0 MW
Total TNB	5,778 MW
Total IPP	15,312 MW
Total Co-Gen	27 MW
Total System	21,402 MW

Generation Mix

Type	MWh	Percentage
Gas	48,783	13.87 %
Hydro	7,022	2.00 %
Total TNB	55,805	15.87 %
ST-Coal	191,733	54.52 %
Gas	102,071	29.03 %
Total IPP	293,804	83.55 %
Co-Gen	419	0.12 %
Total Co-Gen	419	0.12 %
Total Generation	350,028	99.54 %
PLTG	-625	-0.18 %
HVDC	-995	-0.28 %
Interconnection	-1,620	-0.46 %
Net Energy	351,648	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:	15:00:00 Hour
Total Set On Bus	17,597 MW
TNB Generation	2,900 MW
IPP Generation	13,421 MW
Spinning Reserve	1,263 MW
Maximum Demand	16,544 MW
Net Energy	351,648 MWH
Load Factor	88.56 %

Fuel Cost

Total Cost:	44,260,847.20 RM
Cost per Unit	12.90 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	310
Hydro	205
Syncon	872
Thermal	159
Total	1,546

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	14567	13759	13296	12908	12625	12642	12532	12229	12838	14529	15214	15703	15657	15507	16153	16544	16537	15976	15126	14820	15487	15869	15543	15201

Gas Usage

Station	(mmscfd)
GLGR	53
PAKA	46
PGPS	41
SRDG	2
TJGS	211
Total TNB	354
CBPS	52
KLPP	97
MPSS	56
NPRI	147
PGLA	112
PLPS	89
PTEK	3
SGRI	155
SKSP	39
Total IPP	751
Total Gas	1,104
Total Gas Required	1,104

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Daily MW Generation on Wednesday

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
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
PCUF	CUFK	25	25	26	26	28	25	26	25	27	26	25	27	26	27	21	16	14	14	14	13	12	13	12	
Total Co-Gen		24	24	25	25	27	24	25	24	26	25	24	26	25	26	20	15	13	13	13	12	11	12	11	
Total Gen		14528	14081	13740	13436	13224	13003	12841	12698	12601	12672	12604	12537	12460	12475	12200	12170	12845	13731	14451	14878	15201	15428	15557	
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TIE-HVDC		-30	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-147	-147	-146	-146	-147	
TIE-PLTG		-9	12	9	1	-43	-28	-38	23	5	-55	-9	21	-43	-31	-1	-13	37	-21	-50	-26	17	-16		
Interconnection		-39	-16	-19	-27	-72	-58	-67	-5	-24	-83	-38	-8	-72	-59	-29	-42	7	-49	-78	-56	-13	-46		
System Total		14567	14097	13759	13463	13296	13061	12908	12703	12625	12755	12642	12545	12532	12534	12229	12212	12838	13780	14529	14934	15214	15474	15703	
SRev ST-Coal		152	248	247	221	248	256	258	243	260	256	270	252	247	273	285	275	297	297	262	232	203	176	165	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev CCGT-Gas		492	640	773	987	1244	1475	1636	1862	1956	1905	1919	2023	2113	2090	2399	2466	1799	966	465	761	556	403	295	
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	
SRev Co-Gen		3	3	2	2	0	3	2	3	1	2	3	3	1	2	1	7	12	14	14	14	15	16	15	
Syncon		765	765	801	952	952	952	801	952	801	952	952	952	952	801	952	952	952	952	801	952	1078	1078	892	
Hydro		197	183	268	143	137	139	158	270	141	271	139	138	138	139	270	140	136	392	129	143	138	127	130	
S.Reserve Total		1609	1839	2091	2305	2581	2825	2986	3179	3310	3235	3283	3368	3451	3456	3756	3840	3196	2319	1822	2102	1864	1674	1557	