

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,720 MW
Hydro	1,991 MW
Distillate	0 MW
Total TNB	4,711 MW
Total IPP	15,621 MW
Total Co-Gen	0 MW
Total System	20,896 MW

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:	16:00:00 Hour
Total Set On Bus	17,674 MW
TNB Generation	2,708 MW
IPP Generation	13,552 MW
Spinning Reserve	1,350 MW
Maximum Demand	16,344 MW
Net Energy	348,947 MWH
Load Factor	88.96 %

Gas Usage

Station	(mmscfd)
GLGR	52
PGPS	41
SRDG	7
TJGS	117
Total TNB	218
CBPS	55
KLPP	109
MPSS	49
NPRI	151
PDPS	3
PGLA	91
PLPS	68
SGRI	194
SKSP	28
Total IPP	748
Total Gas	966

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
Gas	28,924	8.29 %
Hydro	17,899	5.13 %
Total TNB	46,823	13.42 %
ST-Coal	198,848	56.99 %
Gas	101,246	29.01 %
Total IPP	300,094	86.00 %
Co-Gen	1,672	0.48 %
Total Co-Gen	1,672	0.48 %
Total Generation	348,589	99.90 %
PLTG	-320	-0.09 %
EGAT	-38	-0.01 %
Interconnection	-358	-0.10 %
Net Energy	348,947	100.00 %

Fuel Cost

Total Cost:	53,329,238.10 RM
Cost per Unit	16.12 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	559
Hydro	436
Syncon	448
Thermal	312
Total	1,755

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	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	14702	14041	13504	12960	12697	12736	12494	12349	12651	14233	14937	15476	15451	15136	15355	16233	16344	15909	15026	14885	15386	15609	15347	15085

Daily MW Generation on Friday

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 Co-Gen		71	78	76	77	74	76	75	75	75	74	73	75	74	74	75	76	73	72	72	72	72	72	68	69	67	67	65	63	62	60	62	62	64	58	59	60	60	61	60	67	70	69	69	70	71	77	77	77			
Total Gen		14728	14280	14002	13641	13467	13299	12957	12786	12700	12792	12779	12619	12465	12550	12342	12362	12639	13438	14175	14589	14891	15181	15489	15585	15430	15247	15103	15113	15318	15915	16227	16274	16324	16277	15888	15359	15053	14927	14855	15080	15364	15634	15630	15598	15345	15240	15090	14960			
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	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	
TIE-HVDC		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	0
TIE-PLTG		26	-48	-39	-39	-37	-17	-3	-16	3	-35	43	-21	-29	7	-7	-16	-12	-24	-58	-37	-46	-24	13	5	-21	-24	-33	-29	-37	19	-6	-25	-20	-29	-21	19	27	2	-30	7	-22	-10	21	-9	-2	4	5	-14			
Interconnection		26	-48	-39	-39	-37	-17	-3	-16	3	-35	43	-21	-29	7	-7	-16	-12	-24	-58	-37	-46	-24	13	5	-21	-24	-33	-29	-37	19	-6	-25	-20	-29	-21	19	27	2	-30	7	-22	-10	21	-9	-2	4	5	-14			
System Total		14702	14328	14041	13680	13504	13316	12960	12802	12697	12827	12736	12640	12494	12543	12349	12378	12651	13462	14233	14626	14937	15205	15476	15580	15451	15271	15136	15142	15355	15896	16233	16299	16344	16306	15909	15340	15026	14925	14885	15073	15386	15644	15609	15607	15347	15236	15085	14974			
SRev ST-Coal		298	286	273	279	291	311	312	317	309	348	418	417	406	417	411	413	419	410	296	297	326	348	346	342	357	350	352	338	352	289	298	277	315	276	299	280	292	280	301	263	286	288	297	294	302	299	306	285			
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	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 CCGT-Gas		823	785	701	777	821	776	889	989	1087	696	635	754	917	742	940	1146	974	937	1017	902	709	679	640	586	715	736	874	876	750	359	336	313	289	364	439	552	704	887	887	710	412	433	430	463	552	666	808	768			
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	0
SRev Co-Gen		-23	-30	-28	-29	-26	-28	-27	-27	-27	-26	-25	-27	-26	-26	-27	-28	-25	-24	-24	-24	-24	-24	-24	-20	-21	-19	-19	-17	-15	-14	-12	-14	-14	-16	-10	-11	-12	-12	-13	-12	-19	-22	-21	-21	-22	-23	-29	-29	-29		
Syncon		640	640	489	489	640	640	741	842	842	842	691	691	691	842	842	842	842	842	741	640	554	277	403	403	403	403	403	403	403	403	403	403	403	403	403	403	489	489	338	577	577	577	403	403	403	489	489	489	489		
Hydro		409	400	529	526	399	393	476	438	440	440	571	569	570	454	447	447	439	449	493	372	448	521	448	424	433	451	454	454	510	415	419	417	356	362	504	501	470	664	476	472	467	430	430	430	420	422	422	450			
S.Reserve Total		2234	2168	2051	2129	2212	2179	2478	2646	2738	2387	2377	2491	2645	2516	2700	2907	2736	2614	2523	2187	2069	1801	1817	1734	1889	1921	2066	2056	2001	1527	1447	1399	1350	1397	1786	1810	2030	2156	2229	2003	1720	1533	1539	1568	1740	1847	1996	1963			