

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,549 MW
Hydro	2,079 MW
Distillate	0 MW
Total TNB	5,628 MW
Total IPP	14,321 MW
Total Co-Gen	0 MW
Total System	20,513 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:	11:30:00 Hour
Total Set On Bus	15,836 MW
TNB Generation	2,817 MW
IPP Generation	11,821 MW
Spinning Reserve	1,149 MW
Maximum Demand	14,779 MW
Net Energy	331,168 MWH
Load Factor	93.37 %

Gas Usage

Station	(mmscfd)
GLGR	53
PGPS	14
TJGS	216
Total TNB	283
CBPS	54
KLPP	98
NPRI	145
PGLA	106
PLPS	86
SGRI	166
Total IPP	655
Total Gas	938

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
Gas	39,528	11.94 %
Hydro	17,887	5.40 %
Total TNB	57,415	17.34 %
ST-Coal	181,318	54.75 %
Gas	89,691	27.08 %
Total IPP	271,009	81.83 %
Co-Gen	1,367	0.41 %
Total Co-Gen	1,367	0.41 %
Total Generation	329,791	99.58 %
PLTG	-675	-0.20 %
HVDC	-702	-0.21 %
Interconnection	-1,377	-0.42 %
Net Energy	331,168	100.00 %

Fuel Cost

Total Cost:	50,191,656.10 RM
Cost per Unit	16.09 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	437
Hydro	253
Syncon	705
Thermal	164
Total	1,559

Time Weather Temperature

Afternoon	Hot	34
Morning	Sunny	27

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	14642	13915	13423	12986	12759	12726	12536	12108	11966	13139	14022	14632	14635	14335	14568	14615	14502	14244	13964	13760	14397	14586	14375	14154

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																									
TIE-PLTG		3	-46	-26	-66	-38	-24	-25	-66	13	-9	-18	-27	-62	-46	-43	-38	-52	-39	-42	-15	16	-26	-6	-62	-31	-33	-40	-55	-22	-33	-29	-28	-42	-14	-7	-6	-41	-24	1	5	-45	-37	-7	-30	3	-82	-40	29	
Interconnection		-27	-75	-54	-95	-66	-53	-54	-95	-16	-38	-47	-55	-91	-75	-72	-67	-82	-68	-71	-44	-13	-55	-36	-92	-61	-62	-68	-84	-50	-63	-58	-58	-71	-43	-37	-36	-71	-54	-29	-25	-75	-66	-37	-59	-27	-110	-68	-2	
System Total		14642	14263	13915	13614	13423	13162	12986	12896	12759	12828	12726	12552	12536	12504	12108	11854	11966	12657	13139	13717	14022	14355	14632	14779	14635	14408	14335	14453	14568	14616	14615	14572	14502	14415	14244	14047	13964	13793	13760	14127	14397	14670	14586	14540	14375	14388	14154	13923	
SRev ST-Coal		150	158	142	146	146	216	208	210	216	193	218	173	110	165	167	331	316	329	248	250	185	163	150	150	155	138	209	176	145	137	149	140	151	163	151	116	61	109	135	145	160	152	139	150	144	139	145	155	
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	
SRev CCGT-Gas		531	654	732	799	586	570	515	684	795	757	809	947	1005	883	1229	1705	1639	923	770	569	390	332	190	191	198	266	423	395	459	315	297	339	562	628	810	1040	1090	1289	1363	982	748	612	463	546	694	593	727	590	
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
SRev Co-Gen		-12	-9	-12	-12	-14	-16	-13	-12	-13	-14	-13	-14	-15	-14	-17	-16	-15	-14	-10	-12	-8	-5	-5	-1	-4	-5	-1	-1	0	-1	-1	-2	-1	-3	-2	-3	-3	-5	-7	-8	-10	-11	-13	-12	-13	-12	-12	-14	
Syncon		489	489	676	762	850	800	1052	901	1052	1052	1052	1052	1052	1052	1052	1052	1052	1052	1052	850	850	676	676	489	676	762	762	850	525	525	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	
Hydro		199	183	101	133	87	259	133	258	131	131	132	143	142	142	144	153	143	179	166	159	153	189	224	315	232	341	361	288	407	429	278	339	282	265	262	264	132	133	133	134	135	179	179	179	171	356	265	209	
S.Reserve Total		1357	1475	1639	1828	1655	1829	1895	2041	2181	2119	2198	2301	2294	2228	2575	3225	3135	2469	2226	1816	1570	1355	1240	1149	1262	1507	1759	1713	1541	1410	1404	1497	1675	1734	1902	2098	1961	2207	2305	1934	1714	1613	1444	1539	1672	1378	1427	1242	