

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,299 MW
Hydro	2,387 MW
Distillate	0 MW
Total TNB	5,686 MW
Total IPP	13,820 MW
Total Co-Gen	20 MW
Total System	19,526 MW

Generation Mix

Type	MWh	Percentage
Gas	62,410	18.85 %
Hydro	8,080	2.44 %
Total TNB	70,490	21.29 %
ST-Coal	164,678	49.74 %
Gas	94,706	28.60 %
Total IPP	259,384	78.34 %
Co-Gen	432	0.13 %
Total Co-Gen	432	0.13 %
Total Generation	330,306	99.76 %
PLTG	-94	-0.03 %
EGAT	-5	0.00 %
HVDC	-697	-0.21 %
Interconnection	-796	-0.24 %
Net Energy	331,102	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:	14:30:00 Hour
Total Set On Bus	17,315 MW
TNB Generation	3,952 MW
IPP Generation	11,745 MW
Spinning Reserve	1,599 MW
Maximum Demand	15,773 MW
Net Energy	331,102 MWH
Load Factor	87.47 %

Fuel Cost

Total Cost:	46,738,480.05 RM
Cost per Unit	14.50 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	440
Hydro	292
Syncon	918
Thermal	167
Total	1,817

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	53
PAKA	121
PGPS	41
TJGS	211
Total TNB	473
CBPS	52
KLPP	95
MPSS	47
NPRI	149
PGLA	91
PKLG	2
PLPS	79
PTEK	8
SGRI	160
SKSP	31
Total IPP	713
Total Gas	1,186
Total Gas Required	1,186

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	13151	12507	12129	11734	11504	11319	11433	11737	12059	13771	14641	15325	15280	15029	15513	15668	15661	15343	14346	14121	15106	14927	14257	13956

Daily MW Generation on Thursday

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
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	92	94	92	-1	-1	-1	-1	-1	-1
UPIA	HY01	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
Total Hydro		167	170	168	169	171	170	164	162	170	169	170	171	172	173	174	173	172	189	170	289	558	673	716	804
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	CUFK	18	18	18	19	19	18	16	17	18	18	17	19	16	19	16	17	19	17	19	19	18	17	18	17
Total Co-Gen		18	18	18	19	19	18	16	17	18	18	17	19	16	19	16	17	19	17	19	19	18	17	18	17
Total Gen		13082	12736	12467	12262	12062	11845	11739	11551	11477	11285	11272	11339	11369	11584	11700	11703	12014	12936	13722	14164	14617	15037	15280	15410
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
TIE-HVDC		-29	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		-40	-15	-11	-13	-38	-25	33	38	3	-12	-18	2	-34	-51	-8	6	-17	4	-19	-44	4	33	-16	-24
Interconnection		-69	-44	-40	-42	-67	-54	5	10	-27	-41	-47	-27	-64	-80	-37	-23	-45	-24	-49	-74	-24	4	-45	-53
System Total		13151	12780	12507	12304	12129	11899	11734	11541	11504	11326	11319	11366	11433	11664	11737	11726	12059	12960	13771	14238	14641	15033	15325	15463
SRev ST-Coal		188	172	172	181	194	185	184	186	188	182	193	177	181	179	198	185	180	190	199	187	151	137	135	126
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
SRev CCGT-Gas		618	981	809	1009	1196	1422	1521	1706	1786	1983	1986	1931	1905	1689	1559	1567	2039	1274	784	804	591	453	326	249
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
SRev Co-Gen		2	2	2	1	1	2	4	3	2	2	3	1	4	1	4	3	1	3	1	1	2	3	1	2
Syncon		1142	1142	1142	1142	1142	1142	1142	991	991	991	991	991	991	1142	1142	991	1142	1041	890	890	764	663	663	663
Hydro		129	126	128	127	125	126	132	134	126	128	127	127	126	125	124	123	123	124	258	126	208	240	360	356
S.Reserve Total		2079	2423	2253	2460	2658	2877	2983	3171	3244	3286	3299	3229	3204	2988	2873	2870	3487	2731	2235	2260	1992	1722	1714	1584