

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,504 MW
Hydro	1,914 MW
Distillate	0 MW
Total TNB	5,418 MW
Total IPP	14,595 MW
Total Co-Gen	20 MW
Total System	20,597 MW

Generation Mix

Type	MWh	Percentage
Gas	60,744	17.78 %
Hydro	7,859	2.30 %
Total TNB	68,603	20.08 %
ST-Coal	166,680	48.80 %
Gas	106,372	31.14 %
Total IPP	273,052	79.94 %
Co-Gen	330	0.10 %
Total Co-Gen	330	0.10 %
Total Generation	341,985	100.12 %
PLTG	-301	-0.09 %
HVDC	721	0.21 %
Interconnection	420	0.12 %
Net Energy	341,565	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	17,468 MW
TNB Generation	3,788 MW
IPP Generation	12,360 MW
Spinning Reserve	1,307 MW
Maximum Demand	16,143 MW
Net Energy	341,565 MWH
Load Factor	88.16 %

Fuel Cost

Total Cost:	46,387,563.35 RM
Cost per Unit	13.88 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	459
Hydro	203
Syncon	597
Thermal	258
Total	1,517

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	45
GLGR	32
PAKA	119
PGPS	41
SRDG	19
TJCS	212
Total TNB	469

CBPS	47
KLPP	101
MPSS	51
NPRI	155
PDPS	8
PGLA	107
PKLG	9
PLPS	94
PTEK	17
SGRI	180
SKSP	33
Total IPP	801
Total Gas	1,270

Total Gas Required 1,270

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	13845	13210	12693	12282	12005	11855	12088	12097	12414	14198	15141	15824	15673	15286	15920	16036	16116	15673	14638	14452	15460	15364	14710	14347

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	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	32	34	34	35	37	35	35	35	32	31	31	36	37	36	33	37	34	33	36	36	83	83	84	79
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	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		154	156	156	157	163	159	160	158	157	151	149	150	184	162	160	154	164	159	155	205	350	510	509	589
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	13	14	15	12	14	13	14	13	13	14	15	14	14	14	14	14	14	14	13	12	14	14	14	14
Total Co-Gen		13	14	15	12	14	13	14	13	13	14	15	14	14	14	14	14	14	13	12	14	14	14	14	14
Total Gen		13879	13490	13177	12826	12725	12317	12323	12044	12032	11943	11914	11948	12105	12277	12188	12014	12417	13490	14290	14781	15183	15619	15810	15677
TIE-ECAT		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		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
TIE-PLTG		4	-39	-63	33	2	-17	11	15	-3	11	29	25	-13	-11	61	52	-26	-8	33	-48	12	3	-45	
Interconnection		34	-9	-33	63	32	13	41	45	27	41	59	56	17	20	91	81	3	21	62	-19	42	33	-14	
System Total		13845	13499	13210	12763	12693	12304	12282	11999	12005	11902	11855	11892	12088	12257	12097	11933	12414	13409	14198	14800	15141	15586	15824	15867
SRev ST-Coal		249	198	199	208	207	207	210	194	215	198	199	197	204	197	203	202	196	201	210	254	255	275	260	236
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	-7	-3	-3	0
SRev CCGT-Gas		561	401	455	698	808	1211	1204	1496	1486	1587	1614	1582	1452	1265	1345	1601	1852	1513	793	514	486	345	288	201
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		7	6	5	8	6	7	6	7	7	6	5	6	6	6	7	6	6	6	6	6	7	6	5	8
Syncon		810	810	810	810	810	810	810	810	810	810	810	810	810	810	684	583	583	331	658	784	698	572	572	471
Hydro		138	136	136	135	129	133	132	134	135	141	143	142	259	130	132	138	128	133	137	87	218	159	160	332
S.Reserve Total		1770	1556	1610	1864	1965	2373	2367	2646	2658	2747	2776	2742	2585	2413	2502	2762	2997	2666	1961	1676	1695	1367	1299	1107