

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	5,692 MW
Hydro	2,001 MW
Distillate	0 MW
Total TNB	9,763 MW
Total IPP	9,663 MW
Total Co-Gen	28 MW
Total System	20,018 MW

Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

Gas Usage

Station	(mmscfd)
CBPS	82
GLGR	53
NPRI	160
PGGS	2
PGPS	41
SRDG	15
TJGS	203
Total TNB	556
KLPP	94
MPSS	50
PDPS	2
PGLA	108
PKLG	10
PLPS	92
SGRI	172
SKSP	50
Total IPP	579
Total Gas	1,135

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	14:30:00 Hour
Total Set On Bus	17,072 MW
TNB Generation	7,322 MW
IPP Generation	8,905 MW
Spinning Reserve	822 MW
Maximum Demand	16,373 MW
Net Energy	342,990 MWH
Load Factor	87.29 %

Generation Mix

Type	MWh	Percentage
ST-Coal	49,898	14.55 %
Gas	78,597	22.92 %
Hydro	13,779	4.02 %
Total TNB	142,274	41.48 %
ST-Coal	125,894	36.70 %
Gas	73,927	21.55 %
Total IPP	199,821	58.26 %
Co-Gen	585	0.17 %
Total Co-Gen	585	0.17 %
Total Generation	342,680	99.91 %
PLTG	-302	-0.09 %
HVDC	-8	0.00 %
Interconnection	-310	-0.09 %
Net Energy	342,990	100.00 %

Fuel Cost

Total Cost:	46,303,964.55 RM
Cost per Unit	14.07 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	416
Hydro	304
Syncon	505
Thermal	26
Total	1,251

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	13846	13068	12795	12313	12017	11690	12104	12066	12349	14051	14948	15729	15590	15281	15950	16293	16246	15906	14680	14274	15499	15472	15119	14862

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
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	-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	HY03	37	39	32	37	37	40	36	37	39	39	31	54	43	41	40	40	34	37	42	58	53	59	58	57
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		216	204	189	201	199	245	197	220	202	204	203	230	251	260	227	196	185	201	228	310	606	879	1043	1024
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	6	7	7	6	7	6	7	7	8	7	8	9	7	7	7	7	6	6	6	5	6	5	5	4
PCUF	CUFK	19	18	18	18	18	18	18	17	18	18	25	18	19	18	18	18	19	18	18	18	18	18	18	18
Total Co-Gen		25	25	25	24	25	24	25	25	25	26	34	25	26	25	25	25	25	25	25	22	24	23	22	22
Total Gen		13837	13579	13138	12877	12790	12461	12283	12156	12075	12024	11824	11888	12109	12194	12068	11963	12406	13463	14093	14550	14957	15397	15717	15857
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		31	100	31	30	30	30	30	31	31	31	-257	30	30	30	30	30	30	30	30	30	30	30	30	30
TIE-PLTG		-40	-6	39	-1	-36	-14	-60	21	27	-45	103	-275	-25	-40	-28	-35	27	37	12	-39	-21	-16	-42	
Interconnection		-9	94	70	29	-5	16	-30	52	58	-15	134	-532	5	-10	2	-5	57	67	42	-8	9	14	-12	
System Total		13846	13485	13068	12848	12795	12445	12313	12104	12017	12039	11690	12420	12104	12204	12066	11968	12349	13396	14051	14558	14948	15383	15729	15804
SRev ST-Coal		60	15	127	142	89	407	435	442	604	599	591	615	209	183	176	184	99	30	24	27	34	23	19	
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		307	462	874	1318	1627	1653	1720	1898	1771	1875	2084	2163	1536	1093	1187	1233	1444	1034	553	315	344	125	241	
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		3	3	3	4	3	4	3	3	3	2	-6	3	2	3	3	3	3	6	4	5	6	6	5	
Syncon		852	852	852	852	852	852	701	852	852	852	852	852	701	701	852	852	802	953	867	781	630	529	529	
Hydro		195	107	122	110	112	66	114	242	109	107	208	81	60	202	235	115	126	253	75	179	344	322	384	
S.Reserve Total		1417	1439	1978	2426	2683	2982	3124	3286	3339	3436	3737	3705	2660	2181	2302	2387	2524	2122	1608	1391	1509	1109	1184	