

Availability at Daily Maximum Demand Hour

ST-Coal	2,890 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,352 MW
Hydro	1,889 MW
Distillate	0 MW
Total TNB	8,131 MW
Total IPP	9,670 MW
Total Co-Gen	0 MW
Total System	18,365 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	60,139	19.60 %
Gas	44,028	14.35 %
Hydro	10,571	3.44 %
Total TNB	114,738	37.39 %
ST-Coal	79,032	25.75 %
Gas	110,990	36.16 %
Total IPP	190,022	61.92 %
Co-Gen	1,503	0.49 %
Total Co-Gen	1,503	0.49 %
Total Generation	306,263	99.79 %
PLTG	64	0.02 %
HVDC	-705	-0.23 %
Interconnection	-641	-0.21 %
Net Energy	306,904	100.00 %

Maximum Demand Record

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

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:30:00 Hour
Total Set On Bus	15,635 MW
TNB Generation	5,887 MW
IPP Generation	8,378 MW
Spinning Reserve	1,305 MW
Maximum Demand	14,334 MW
Net Energy	306,904 MWH
Load Factor	89.21 %

Fuel Cost

Total Cost:	45,020,239.67 RM
Cost per Unit	15.22 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	330
Hydro	339
Syncon	477
Thermal	67
Total	1,213

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	44
GLGR	58
PAKA	82
PGPS	41
SRDG	7
TJGS	109
Total TNB	340
KLPP	112
MPSS	63
PDPS	4
PGLA	115
PLPS	106
PTEK	0
SGB3	70
SGRI	181
SKSP	54
YPGS	61
YPKA	90
Total IPP	857
Total Gas	1,197
Total Gas Required	1,197

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	14041	13460	12929	12469	12065	12016	11771	11162	10694	11335	12026	12630	12589	12644	12934	13148	13233	13059	12835	12937	13899	14325	14322	14101

Daily MW Generation on Sunday

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	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	81	-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	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	HY03	32	31	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY04	77	76	35	39	34	31	33	37	42	40	32	38	36	35	30	33	30	29	37	35	38	36	37	60
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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total Hydro		747	581	296	260	260	168	172	182	195	435	411	251	247	242	162	173	190	153	174	194	233	420	462	405
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	33	33	32	33	32	32	32	32	32	34	33	32	32	34	34	34	34	33	34	32	32	33	31	32
PCUF	CUFK	30	31	31	30	32	29	31	29	30	30	31	29	30	29	30	29	29	30	30	29	29	33	30	32
Total Co-Gen		63	64	63	63	64	62	63	61	62	62	62	61	63	64	63	64	63	64	60	63	64	59	63	61
Total Gen		14055	13699	13384	13088	12885	12763	12510	12202	12000	12160	12031	11850	11748	11657	11239	10798	10682	10995	11274	11531	11957	12361	12533	12597
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	-30	-30	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-30	-30	-30	-30	-30	-30	-30
TIE-PLTG		43	36	47	54	15	39	71	38	36	14	45	49	6	-3	105	-22	18	-28	-32	-5	40	-13	-68	-16
Interconnection		14	7	-76	-83	-44	10	41	-68	-65	-15	15	-78	-23	-33	77	-51	-12	-57	-61	-34	-69	-42	-97	-45
System Total		14041	13692	13460	13171	12929	12753	12469	12270	12065	12175	12016	11928	11771	11690	11162	10849	10694	11052	11335	11565	12026	12403	12630	12642
SRev ST-Coal		98	125	33	91	132	121	64	150	10	37	60	45	54	48	54	41	39	38	28	38	26	45	33	69
SRev OCGT-Gas		132	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		271	274	220	226	376	412	540	440	340	296	376	410	500	594	928	1394	1508	1160	911	665	581	348	374	323
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		-19	-20	-19	-19	-20	-18	-19	-17	-18	-18	-21	-18	-18	-17	-19	-20	-19	-20	-19	-20	-16	-19	-20	-15
Syncon		302	388	726	726	575	827	827	827	827	575	625	726	726	726	827	827	676	827	827	676	676	676	676	676
Hydro		456	411	108	144	295	135	131	121	108	120	94	153	157	162	141	130	264	142	121	252	213	100	83	191
S.Reserve Total		1240	1178	1068	1168	1358	1477	1543	1521	1267	1010	1134	1316	1419	1513	1931	2372	2468	2147	1868	1611	1480	1301	1297	1244