

Availability at Daily Maximum Demand Hour

ST-Coal	3,100 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,168 MW
Hydro	1,748 MW
Distillate	0 MW
Total TNB	8,016 MW
Total IPP	11,663 MW
Total Co-Gen	0 MW
Total System	20,246 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	68,997	20.28 %
Gas	29,328	8.62 %
Hydro	11,805	3.47 %
Total TNB	110,130	32.36 %
ST-Coal	111,843	32.87 %
Gas	117,284	34.47 %
Total IPP	229,127	67.33 %
Co-Gen	1,149	0.34 %
Total Co-Gen	1,149	0.34 %
Total Generation	340,406	100.04 %
PLTG	824	0.24 %
HVDC	-699	-0.21 %
Interconnection	125	0.04 %
Net Energy	340,281	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:	16:00:00 Hour
Total Set On Bus	17,612 MW
TNB Generation	5,807 MW
IPP Generation	10,468 MW
Spinning Reserve	1,291 MW
Maximum Demand	16,296 MW
Net Energy	340,281 MWH
Load Factor	87.00 %

Fuel Cost

Total Cost:	46,422,525.80 RM
Cost per Unit	14.10 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	413
Hydro	573
Syncon	244
Thermal	122
Total	1,352

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
CBPS	1
GLGR	31
PAKA	20
PGPS	40
SRDG	31
TJGS	107
Total TNB	229

KLPP	98
MPSS	59
PDPS	8
PGLA	108
PKLG	7
PLPS	94
PTEK	5
SGB3	84
SGRI	198
SKSP	50
YPGS	69
YPKA	137
Total IPP	916
Total Gas	1,145

Total Gas Required 1,145

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	13591	13016	12597	12164	11877	11699	11905	11947	12401	13963	14994	15781	15792	15390	16002	16085	16297	15939	14522	14150	15396	15415	14719	14298

Daily MW Generation on Tuesday

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	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	-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	79	28	27	29	32	30	29	29	30	26	27	27	30	29	27	31	33	28	31	28	30	30	35	26
TMGR	HY03	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	74	-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
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		784	459	192	172	184	177	169	172	168	180	179	168	169	179	172	193	189	215	242	328	547	633	720	
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	
PCUF	CUPG	9	10	9	8	9	10	10	8	11	9	9	11	12	11	11	10	9	8	10	10	8	8	9	9
PCUF	CUFK	37	39	37	37	38	37	39	40	39	40	40	39	40	40	38	37	38	38	37	36	37	35	37	36
Total Co-Gen		46	49	46	45	47	47	49	48	50	49	49	50	51	51	51	53	49	49	48	50	48	45	46	
Total Gen		13615	13358	13031	12714	12613	12396	12174	12017	11922	11776	11712	11735	11926	12116	11999	11979	12404	13458	13937	14637	15005	15397	15742	
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	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-30	-29	-29	-29	-29
TIE-PLTG		53	55	44	39	46	97	39	46	75	43	42	5	50	113	81	4	32	24	2	16	40	16	-10	
Interconnection		24	26	15	10	16	68	10	16	45	14	13	-24	21	84	52	-34	3	-5	-26	-13	11	-14		
System Total		13591	13332	13016	12704	12597	12328	12164	12001	11877	11762	11699	11759	11905	12032	11947	12013	12401	13463	13963	14650	14994	15411		
SRev ST-Coal		213	114	47	14	46	30	22	24	44	31	35	21	23	47	46	16	26	17	20	30	29	12	16	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	4	9	10	9	83	84	148	
SRev CCGT-Gas		950	431	445	684	767	993	1217	1374	1447	1617	1676	1657	1466	1262	1373	1446	1241	908	832	300	289	389	219	
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	
SRev Co-Gen		30	27	30	31	29	29	27	28	26	27	26	25	25	23	27	27	28	26	28	31	30	29	29	
Syncon		83	423	725	725	725	725	725	725	725	725	725	725	725	725	725	574	725	725	624	624	473	473	88	
Hydro		413	216	120	140	128	135	143	140	144	132	133	144	143	133	140	270	124	98	171	185	549	513		
S.Reserve Total		1689	1211	1367	1594	1695	1912	2134	2291	2386	2532	2596	2573	2382	2192	2309	2329	2143	1775	1675	1165	1455	1422		