

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,922 MW
Hydro	1,805 MW
Distillate	0 MW
Total TNB	7,797 MW
Total IPP	11,046 MW
Total Co-Gen	0 MW
Total System	19,410 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	48,465	14.07 %
Gas	61,438	17.84 %
Hydro	15,738	4.57 %
Total TNB	125,641	36.48 %
ST-Coal	112,741	32.74 %
Gas	105,682	30.69 %
Total IPP	218,423	63.43 %
Co-Gen	910	0.26 %
Total Co-Gen	910	0.26 %
Total Generation	344,974	100.17 %
PLTG	600	0.17 %
Interconnection	600	0.17 %
Net Energy	344,374	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	17,356 MW
TNB Generation	6,262 MW
IPP Generation	10,098 MW
Spinning Reserve	959 MW
Maximum Demand	16,355 MW
Net Energy	344,374 MWH
Load Factor	87.73 %

Fuel Cost

Total Cost:	52,195,952.23 RM
Cost per Unit	15.85 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	334
Hydro	167
Syncon	490
Thermal	61
Total	1,052

Time Weather Temperature

Afternoon	Hot	36
Morning	Sunny	26

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	14270	13650	13033	12711	12431	12149	12056	12204	12558	14184	15030	15689	15760	15308	15554	16278	16356	16019	14753	14305	15374	15297	14741	14671

Gas Usage

Station	(mmscfd)
CBPS	21
GLGR	56
PAKA	98
PGPS	44
SRDG	32
TJGS	219
Total TNB	469
KLPP	109
MPSS	61
PDPS	14
PGLA	110
PLPS	98
PTEK	10
SGRI	187
SKSP	33
YPGS	69
YPKA	137
Total IPP	828
Total Gas	1,297
Total Gas Required	1,297

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Daily MW Generation on Friday

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	
SIHY	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	0
SYPS	HY01	0	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	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	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	0
TMGR	HY01	77	77	79	79	74	74	33	29	30	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	78	76	78	80	72	73	33	30	31	29	33	34	31	28	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY03	77	78	78	79	75	75	32	30	31	28	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	35	34	33	29	33	35	32	83	79	83	78	34
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	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	4
Total Hydro		829	833	839	841	811	812	575	535	573	380	236	189	173	170	238	245	238	399	538	607	736	1042	1105	1033	912
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	0
PCUF	CUFK	40	39	40	39	40	40	40	41	41	42	40	41	41	40	42	40	42	41	40	40	37	35	35	36	35
Total Co-Gen		40	39	40	39	40	40	40	41	41	42	40	41	41	40	42	40	42	41	40	40	37	35	35	36	35
Total Gen		14273	13851	13674	13473	13056	12950	12692	12500	12426	12178	12133	12096	12065	12026	12238	12154	12574	13342	14258	14715	15028	15526	15716	15922	15776
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	0
TIE-HVDC		0	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-PLTG		3	43	24	-3	23	27	-19	36	-5	42	-16	32	9	13	34	-38	16	21	74	-13	-2	7	27	-6	
Interconnection		3	43	24	-3	23	27	-19	36	-5	42	-16	32	9	13	34	-38	16	21	74	-13	-2	7	27	-6	
System Total		14270	13808	13650	13476	13033	12923	12711	12464	12431	12136	12149	12064	12056	12013	12204	12192	12558	13321	14184	14728	15030	15519	15689	15928	15760
SRev ST-Coal		62	69	47	36	99	63	48	53	57	68	36	57	49	45	45	48	51	45	63	51	68	57	56	58	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	166	35	5	6	8	8	12	
SRev CCGT-Gas		466	884	536	749	1074	1074	1110	1257	1366	1410	1344	1311	1335	1371	1185	1456	1527	1017	489	234	316	484	465	186	
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		36	37	36	37	36	36	36	35	35	34	36	35	35	36	34	36	34	35	36	36	39	41	41	40	
Syncon		453	453	453	453	453	302	453	302	536	619	720	720	619	619	619	619	619	468	619	619	453	453	453	453	
Hydro		56	53	47	43	74	73	461	350	463	301	162	108	124	126	112	157	164	103	215	77	173	155	92	164	
S.Reserve Total		1073	1496	1119	1318	1736	1699	1957	2149	2223	2350	2195	2232	2263	2301	1997	2311	2394	1824	1252	1195	1230	1204	1114	908	