

Availability at Daily Maximum Demand Hour

ST-Coal	2,280 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,407 MW
Hydro	2,010 MW
Distillate	0 MW
Total TNB	7,697 MW
Total IPP	9,535 MW
Total Co-Gen	0 MW
Total System	17,232 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	45,712	13.98 %
Gas	77,176	23.61 %
Hydro	9,728	2.98 %
Total TNB	132,616	40.57 %
ST-Coal	98,515	30.14 %
ST-Gas	10,665	3.26 %
Gas	82,916	25.36 %
Total IPP	192,096	58.76 %
Co-Gen	774	0.24 %
Total Co-Gen	774	0.24 %
Total Generation	325,486	99.57 %
PLTG	-660	-0.20 %
HVDC	-748	-0.23 %
Interconnection	-1,408	-0.43 %
Net Energy	326,894	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	16,984 MW
TNB Generation	6,656 MW
IPP Generation	8,894 MW
Spinning Reserve	1,404 MW
Maximum Demand	15,642 MW
Net Energy	326,894 MWH
Load Factor	87.08 %

Fuel Cost

Total Cost:	48,242,355.70 RM
Cost per Unit	15.28 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	328
Hydro	130
Syncon	920
Thermal	98
Total	1,476

Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
CBPS	98
GLGR	52
NPRI	44
PAKA	178
PGPS	51
SRDG	20
TJGS	159
Total TNB	603

KLPP	101
PDPS	27
PGLA	112
PKLG	13
PLPS	80
PTEK	17
SGB3	85
SGRI	170
SKSP	51
PKLG	106
Total IPP	761
Total Gas	1,364

Total Gas Required	1,364
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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	12825	12365	11819	11539	11326	11147	11182	11521	12014	13806	14505	15126	15179	14819	15384	15517	15642	15181	14185	13844	14761	14578	14152	13644

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
MINOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PGAU	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
PGAU	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
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
SIHY	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
SIHY	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
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
SYPS	HY01	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
SYPS	HY02	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
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	36	37	36	31	32	33	32	34	29	26	29	21	29	32	34	34	33	22	26	29	37	35	29	34
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
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		273	275	274	263	266	217	216	215	219	231	201	232	193	210	241	244	267	430	441	449	450	507	668	637
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	7	7	6	6	6	5	6	7	7	6	6	7	7	5	6	5	7	5	5	4	4	6	6	
PCUF	CUFK	26	25	26	28	26	27	27	27	26	27	26	27	28	27	26	26	26	25	27	25	25	26	24	
Total Co-Gen		33	32	32	34	32	32	33	34	33	33	32	36	35	34	33	32	34	32	33	31	31	29	31	
Total Gen		12819	12489	12320	12135	11826	11662	11466	11491	11225	11214	11144	11233	11127	11304	11471	11402	11959	13141	13845	14211	14516	14759	15066	
TIE-BGAT		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	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-31	-33	-30	-32	-31	-30	-30	-33	-36	-33	-33	
TIE-PLTG		24	-18	-16	-54	36	-9	-44	-47	-72	25	27	-24	-25	-30	-18	-2	-25	58	69	72	41	-107	-24	
Interconnection		-6	-48	-45	-83	7	-38	-73	-76	-101	-4	-3	-54	-55	-59	-50	-35	-55	26	39	42	11	-139	-60	
System Total		12825	12537	12365	12218	11819	11700	11539	11567	11326	11218	11147	11287	11182	11363	11521	11437	12014	13115	13806	14169	14585	14898	15126	
SRev ST-Coal		204	192	207	213	210	212	213	210	151	187	202	201	222	153	140	140	115	125	112	99	124	112	118	
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	
SRev CCGT-Gas		425	618	726	905	1229	1317	1538	1524	1721	1752	1777	1739	1773	1691	1646	1717	1194	817	456	232	235	202	274	
SRev ST-Gas		39	76	75	74	72	72	73	73	73	73	73	73	73	72	75	21	13	11	7	4	2	2	4	
SRev Co-Gen		-33	-32	-32	-34	-32	-32	-33	-34	-33	-33	-32	-36	-35	-34	-33	-32	-34	-32	-33	-31	-31	-29	-31	
Syncon		964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	
Hydro		99	97	98	109	106	105	106	107	103	242	121	241	129	112	106	103	80	246	134	126	125	219	133	
S.Reserve Total		1698	1915	2038	2231	2549	2638	2861	2844	2979	3034	3105	3031	3126	2959	2896	2965	2391	2644	1654	1495	1434	1334	1430	