

Availability at Daily Maximum Demand Hour

ST-Coal	2,250 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,249 MW
Hydro	2,008 MW
Distillate	0 MW
Total TNB	7,507 MW
Total IPP	8,506 MW
Total Co-Gen	57 MW
Total System	16,640 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	50,180	16.53 %
Gas	59,260	19.52 %
Hydro	10,598	3.49 %
Total TNB	120,038	39.54 %
ST-Coal	99,394	32.74 %
Gas	81,657	26.89 %
Total IPP	181,051	59.63 %
Co-Gen	1,246	0.41 %
Total Co-Gen	1,246	0.41 %
Total Generation	302,335	99.58 %
PLTG	-582	-0.19 %
HVDC	-701	-0.23 %
Interconnection	-1,283	-0.42 %
Net Energy	303,618	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:	19:30:00 Hour
Total Set On Bus	15,331 MW
TNB Generation	5,904 MW
IPP Generation	8,142 MW
Spinning Reserve	1,234 MW
Maximum Demand	14,146 MW
Net Energy	303,618 MWH
Load Factor	89.43 %

Fuel Cost

Total Cost:	40,494,636.90 RM
Cost per Unit	13.88 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	299
Hydro	190
Syncon	766
Thermal	105
Total	1,360

Time	Weather	Temperature
Afternoon	Sunny	35
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
CBPS	25
CBPS	46
GLGR	32
NPRI	37
PAKA	60
PGGS	3
SRDG	35
TJGS	213
Total TNB	450

KLPP	107
MPSS	60
PDPS	32
PGLA	4
PKLG	16
PLPS	80
PTEK	36
SGB3	84
SGRI	176
SKSP	54
Total IPP	649
Total Gas	1,099

Total Gas Required 1,099

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	12650	12158	11724	11400	11028	10841	10898	10921	10891	12214	13033	13585	13555	13258	13508	13543	13584	13250	13054	13573	14071	13820	13483	13213

Daily MW Generation on Saturday

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	
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	
PGAU	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	
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	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	
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	26	27	24	33	34	34	33	33	32	27	22	31	32	34	28	21	36	37	35	30	26	35	35	34	30
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	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	
UPLA	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	
UPLA	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		214	235	206	232	260	261	248	253	231	214	219	245	248	274	215	202	259	249	478	471	428	465	555	554	535
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	CUFFG	27	22	21	23	22	21	22	22	22	23	24	23	22	23	22	22	22	22	22	22	21	22	22	22	22
PCUF	CUFFK	29	29	31	31	30	30	29	29	29	28	30	31	28	30	31	31	31	30	29	29	29	31	29	31	29
Total Co-Gen		56	51	52	54	52	51	52	51	51	51	54	54	50	53	54	52	54	53	53	53	53	53	53	53	53
Total Gen		12632	12327	12056	11765	11658	11510	11306	11154	10972	10939	10864	10926	10861	10944	10906	10724	10838	11532	12140	12581	12961	13325	13552	13726	13560
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		-30	-29	-29	-30	-30	-29	-29	-29	-29	-29	-30	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		12	-4	-73	-67	-36	-35	-65	-33	-28	-21	52	-61	-8	10	8	37	-24	5	-45	-33	-42	-21	4	18	34
Interconnection		-18	-33	-102	-97	-66	-65	-94	-62	-56	-50	23	-90	-37	-20	-21	8	-53	-24	-74	-62	-72	-49	-33	-12	5
System Total		12650	12360	12158	11862	11724	11575	11400	11216	11028	10989	10841	11016	10898	10964	10921	10716	10891	11556	12214	12643	13033	13374	13585	13738	13555
SRev ST-Coal		136	266	198	145	114	127	128	170	116	103	134	103	118	97	105	123	97	82	90	131	116	80	97	127	167
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	0
SRev CCGT-Gas		323	365	535	270	334	419	329	213	344	367	388	424	469	430	404	529	685	501	503	410	360	167	298	164	210
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	0
SRev Co-Gen		1	6	5	3	5	6	5	6	6	6	3	3	7	4	3	3	5	3	4	4	4	4	4	4	4
Syncron		827	676	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827
Hydro		116	246	124	98	70	69	82	77	99	116	262	85	82	207	115	128	71	106	102	109	152	256	135	136	155
S.Reserve Total		1403	1559	1689	1343	1350	1448	1371	1293	1392	1419	1466	1442	1499	1417	1455	1610	1683	1521	1525	1476	1529	1345	1434	1295	1428