

### Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,021 MW
Hydro	1,742 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,833 MW</b>
<b>Total IPP</b>	<b>10,918 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>19,033 MW</b>

### 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:	15:30:00 Hour
Total Set On Bus	17,425 MW
TNB Generation	6,406 MW
IPP Generation	10,028 MW
Spinning Reserve	970 MW
Maximum Demand	16,460 MW
Net Energy	345,545 MWH
Load Factor	87.47 %

### Gas Usage

Station	(mmscfd)
CBPS	6
CBPS	48
GLGR	56
PAKA	174
PGPS	50
SRDG	41
TJGS	167
<b>Total TNB</b>	<b>542</b>
KLPP	103
MPSS	52
PDPS	10
PGLA	114
PKLG	10
PLPS	100
PTEK	10
SGB3	69
SGRI	208
SKSP	46
YPGS	68
YPKA	128
<b>Total IPP</b>	<b>918</b>
<b>Total Gas</b>	<b>1,459</b>
<b>Total Gas Required</b>	<b>1,459</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	48,145	13.93 %
Gas	68,106	19.71 %
Hydro	15,668	4.53 %
<b>Total TNB</b>	<b>131,919</b>	<b>38.18 %</b>
ST-Coal	94,856	27.45 %
Gas	116,990	33.86 %
<b>Total IPP</b>	<b>211,846</b>	<b>61.31 %</b>
Co-Gen	718	0.21 %
<b>Total Co-Gen</b>	<b>718</b>	<b>0.21 %</b>
<b>Total Generation</b>	<b>344,483</b>	<b>99.69 %</b>
PLTG	-363	-0.11 %
HVDC	-699	-0.20 %
<b>Interconnection</b>	<b>-1,062</b>	<b>-0.31 %</b>
<b>Net Energy</b>	<b>345,545</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	59,423,532.19 RM
Cost per Unit	18.10 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	397
Hydro	180
Syncon	443
Thermal	38
<b>Total</b>	<b>1,058</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Cloudy	27

### 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	13995	13260	12743	12439	12192	12093	12261	12044	12442	14159	15171	15867	15736	15468	16048	16313	16382	15825	14921	14652	15034	15479	15251	14966





### Daily MW Generation on Thursday

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
KNYR	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
KNYR	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
KNYR	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
KNYR	HY04	59	83	60	70	60	92	89	73	100	100	100	71	100	81	54	84	100	74	90	61	68	65	96	76
LPIA	HY02	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
MNOR	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	19	-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	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	-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	32	40	33	35	34	38	37	35	40	39	39	34	37	36	28	36	37	40	39	86	86	83	87	62
TMGR	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
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	4	4	4	4	4	4	4	4	4	5	5	5	5	5
UPIA	HY02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total Hydro		193	225	214	206	195	231	227	209	241	240	240	206	258	217	182	220	237	234	329	727	671	891	1048	1017
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	13	12	12	12	11	12	11	11	12	12	11	12	13	12	13	5	4	4	4	3	2	1	1	2
PCUF	CUFK	26	25	25	26	27	28	26	27	25	25	28	25	26	26	27	26	27	26	27	26	26	26	26	27
Total Co-Gen		39	37	37	38	38	40	37	38	36	37	40	36	38	39	38	40	31	31	30	31	29	28	27	26
Total Gen		13910	13483	13169	12823	12664	12432	12309	12267	12079	12082	12015	11994	12132	12135	12060	11919	12372	13511	14123	14822	15116	15497	15798	15960
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	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		-55	-45	-62	-45	-50	-108	-101	-31	-84	-93	-49	-81	-100	-86	45	-10	-41	-36	-7	11	-26	13	-40	
Interconnection		-85	-74	-91	-74	-79	-138	-130	-61	-113	-122	-78	-110	-129	-115	16	-39	-70	-64	-36	-18	-55	-16	-69	
System Total		13995	13557	13260	12897	12743	12570	12439	12328	12192	12204	12093	12104	12261	12250	12044	11958	12442	13575	14159	14840	15171	15513	15867	16006
SRev ST-Coal		-47	9	46	56	44	33	42	34	22	30	77	39	13	35	95	98	65	88	4	29	57	35	30	
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
SRev CCGT-Gas		581	631	581	602	712	993	1100	1133	1363	1552	1375	1596	1338	1204	1383	1523	1443	785	634	406	221	261	193	
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		5	7	7	6	6	4	7	6	8	7	4	8	6	5	6	4	13	13	14	13	15	16	17	
Syncon		827	827	676	827	827	827	827	827	827	827	827	827	827	827	676	827	827	827	827	827	827	827	827	827
Hydro		104	72	234	91	102	66	70	88	56	57	57	91	190	80	115	77	60	214	68	59	139	169	184	
S.Reserve Total		1470	1546	1544	1582	1691	1923	2046	2088	2276	2273	2340	2361	2223	2151	2426	2529	2408	1776	1547	1133	1058	1227	960	