

#### Availability at Daily Maximum Demand Hour

ST-Coal	1,660 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,179 MW
Hydro	2,004 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,843 MW</b>
<b>Total IPP</b>	<b>11,101 MW</b>
<b>Total Co-Gen</b>	<b>38 MW</b>
<b>Total System</b>	<b>18,982 MW</b>

#### Generation Mix

Type	MWh	Percentage
ST-Coal	35,821	10.52 %
Gas	73,337	21.54 %
Hydro	18,951	5.57 %
<b>Total TNB</b>	<b>128,109</b>	<b>37.63 %</b>
ST-Coal	119,615	35.13 %
ST-Gas	9,866	2.90 %
ST-Oil	550	0.16 %
Gas	80,533	23.65 %
Distillate	1,417	0.42 %
<b>Total IPP</b>	<b>211,981</b>	<b>62.26 %</b>
Co-Gen	819	0.24 %
<b>Total Co-Gen</b>	<b>819</b>	<b>0.24 %</b>
<b>Total Generation</b>	<b>340,909</b>	<b>100.13 %</b>
PLTG	-296	-0.09 %
HVDC	726	0.21 %
<b>Interconnection</b>	<b>430</b>	<b>0.13 %</b>
<b>Net Energy</b>	<b>340,479</b>	<b>100.00 %</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:	14:30:00 Hour
Total Set On Bus	17,510 MW
TNB Generation	6,367 MW
IPP Generation	10,054 MW
Spinning Reserve	1,056 MW
Maximum Demand	16,449 MW
Net Energy	340,479 MWH
Load Factor	86.25 %

#### Fuel Cost

Total Cost:	48,042,788.10 RM
Cost per Unit	14.92 cents/kWH

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	419
Hydro	559
Syncon	237
Thermal	182
<b>Total</b>	<b>1,397</b>

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Cloudy	28

#### Gas Usage

Station	(mmscfd)
CBPS	67
GLGR	55
NPRI	35
PAKA	152
PGGS	5
SRDG	30
TJGS	218
<b>Total TNB</b>	<b>562</b>

KLPP	104
PDPS	10
PGLA	108
PKLG	18
PLPS	97
PTEK	10
SGB3	76
SGRI	163
SKSP	55
PKLG	98
<b>Total IPP</b>	<b>739</b>

**Total Gas 1,301**

**Total Gas Required 1,320**

#### Alternate Fuel Usage

Station	(mmscfd)
PDPS	6
SGB3	8
PKLG	5
<b>Total</b>	<b>19</b>

#### 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	13465	12787	12380	11986	11840	11564	11690	11793	12441	14261	15107	15990	15969	15722	16134	16344	16236	15678	14772	14811	15317	14985	14380	14121





**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
LPIA	HY02	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
MNOR	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
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	29	29	29	29	25	29	27	34	32	79	77	75	78	30	33	26	34	31	28	37	30	32
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	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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
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		248	252	259	267	269	258	243	278	247	251	247	318	336	296	331	276	290	392	442	704	792	959	993	1000
PDPS	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDPS	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGB3	GT31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	CUFPG	11	10	10	9	11	12	11	11	12	11	12	12	12	11	12	10	10	10	9	9	8	9	10	9
PCUF	CUFK	23	23	22	21	24	23	22	23	23	24	23	23	22	22	22	22	22	22	23	23	22	23	22	22
Total Co-Gen		34	33	32	30	35	35	33	34	35	35	35	34	34	34	33	36	33	33	34	32	32	30	31	
Total Gen		13496	13045	12771	12609	12364	12184	11993	11974	11861	11824	11602	11749	11699	11844	11843	11782	12466	13572	14262	14855	15155	15672	16076	
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	0
TIE-HVDC		30	30	30	30	31	31	29	29	31	31	30	30	30	30	30	30	30	30	30	30	31	31	31	
TIE-PLTG		1	-68	-46	20	-47	-4	-23	7	-9	3	9	-26	-21	17	20	-1	-6	18	-28	-19	18	-6	55	
Interconnection		31	-37	-16	50	-16	27	7	36	21	33	38	3	9	47	50	28	25	48	1	10	48	24	86	
System Total		13465	13082	12767	12559	12380	12157	11986	11938	11840	11791	11564	11746	11690	11797	11793	11754	12441	13524	14261	14875	15107	15648	16076	
SRev ST-Coal		-72	-16	18	37	71	37	63	85	65	72	70	57	48	66	62	78	59	53	78	55	79	180	230	
SRev ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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		387	601	698	819	1082	1270	1411	1443	1551	1580	1783	1755	1822	1605	1663	1585	1480	1110	590	303	303	291	411	
SRev ST-Gas		-3	75	73	71	72	72	72	72	72	72	72	72	72	73	73	72	81	14	9	2	0	-1	-1	
SRev Distillate		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		4	5	6	8	3	3	5	4	3	3	3	3	4	4	4	5	2	5	5	4	6	6	8	
Syncon		953	953	953	953	953	953	953	953	953	953	953	953	953	802	953	953	953	953	802	328	328	328	328	
Hydro		117	113	106	98	96	107	122	87	118	114	118	47	180	69	34	89	75	123	224	720	731	664	630	
S.Reserve Total		1386	1731	1854	1986	2277	2442	2626	2644	2762	2794	2999	2887	2928	2769	2789	2783	2641	2325	1713	1534	1450	1478	1629	