

### Availability at Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,719 MW
Hydro	1,836 MW
Distillate	0 MW
<b>Total TNB</b>	<b>6,935 MW</b>
<b>Total IPP</b>	<b>10,230 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>17,729 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	31,696	11.06 %
Gas	42,829	14.94 %
Hydro	33,263	11.61 %
<b>Total TNB</b>	<b>107,788</b>	<b>37.61 %</b>
ST-Coal	100,963	35.22 %
Gas	77,546	27.05 %
<b>Total IPP</b>	<b>178,509</b>	<b>62.28 %</b>
Co-Gen	1,212	0.42 %
<b>Total Co-Gen</b>	<b>1,212</b>	<b>0.42 %</b>
<b>Total Generation</b>	<b>287,509</b>	<b>100.31 %</b>
PLTG	158	0.06 %
HVDC	727	0.25 %
<b>Interconnection</b>	<b>885</b>	<b>0.31 %</b>
<b>Net Energy</b>	<b>286,624</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:	16:00:00 Hour
Total Set On Bus	14,802 MW
TNB Generation	5,165 MW
IPP Generation	8,577 MW
Spinning Reserve	1,010 MW
Maximum Demand	13,740 MW
Net Energy	286,624 MWH
Load Factor	86.91 %

### Fuel Cost

Total Cost:	33,595,739.97 RM
Cost per Unit	13.21 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	810
Hydro	133
Syncon	63
Thermal	18
<b>Total</b>	<b>1,024</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	26

### Gas Usage

Station	(mmscfd)
CBPS	6
GLGR	46
PGPS	37
SRDG	20
TJGS	208
<b>Total TNB</b>	<b>317</b>
KLPP	98
MPSS	39
PDPS	12
PGLA	85
PKLG	11
PTEK	14
SGRI	176
SKSP	44
YPGS	70
YPKA	69
<b>Total IPP</b>	<b>619</b>
<b>Total Gas</b>	<b>936</b>
<b>Total Gas Required</b>	<b>936</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</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	11195	10642	10182	9827	9641	9497	9627	9929	10413	12140	12848	13450	13530	13043	13165	13655	13741	13565	12707	12564	13375	13140	12667	11983





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																											
Total Hydro		1084	1078	1143	1146	1140	1147	1073	1022	1001	998	1001	974	1022	999	1053	1043	1041	1037	1051	1078	1560	1736	1742	1744	1740	1739	1740	1404	1403	1603	1742	1743	1742	1739	1669	1583	1213	1090	1122	1774	1772	1770	1803	1803	1796	1504	1294				
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	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	14	13	13	14	14	14	14	12	14	14	14	16	15	15	14	13	15	14	13	14	13	14	15	13	14	14	14	14	15	15	14	15	15	15	13	14	13	14	13	13	13	13	15	40	47						
PCUF	CUFK	33	35	36	35	35	34	35	34	36	36	34	35	39	39	40	39	38	40	38	36	35	34	34	35	36	34	36	35	35	36	34	35	34	34	32	34	36	34	33	34	34	35	32	35	35	35	35				
Total Co-Gen		47	48	49	49	49	48	49	49	46	50	50	48	51	54	54	54	52	53	54	51	50	50	47	48	49	49	49	49	49	49	48	50	48	50	50	48	49	47	49	49	48	46	48	47	48	45	50	77	82		
Total Gen		11187	10885	10669	10308	10190	10112	9886	9846	9718	9561	9579	9577	9663	9907	9957	10010	10367	11281	12122	12542	12894	13313	13503	13697	13562	13262	13096	12970	13176	13402	13681	13758	13792	13759	13636	13144	12730	12488	12621	13416	13411	13267	13219	12878	12738	12450	11997	11824			
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	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		31	31	31	31	30	30	30	30	31	31	30	30	31	31	30	30	29	29	31	31	30	30	29	29	30	30	30	30	30	31	31	30	30	30	31	31	30	30	31	31	30	30	31	31	31	31	30	30	30	30	30
TIE-PLTG		-59	-8	-4	-59	-22	-21	29	-9	46	81	52	22	4	25	-2	-3	-77	-13	-48	-44	17	8	22	14	2	-1	23	1	-19	-19	-4	20	21	61	41	43	-7	7	27	15	6	38	48	-5	40	72	-17	-27			
Interconnection		-28	23	27	-28	8	9	59	21	77	112	82	52	36	56	28	27	-46	18	-18	-14	46	37	53	45	32	29	53	30	11	11	26	50	51	92	71	73	23	37	57	45	36	68	79	26	71	103	14	3			
System Total		11195	10832	10642	10336	10182	10103	9827	9825	9641	9449	9497	9525	9627	9851	9929	9983	10413	11263	12140	12586	12848	13276	13450	13652	13530	13233	13043	12940	13165	13391	13655	13705	13741	13667	13565	13071	12707	12451	12564	13370	13375	13199	13140	12852	12667	12347	11983	11821			
SRev ST-Coal		7	39	110	181	262	367	377	384	414	432	418	362	427	419	426	419	399	21	18	-12	17	10	21	15	23	29	27	30	31	40	22	23	20	14	19	25	-2	26	11	15	17	21	9	16	20	41	17	23			
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88	204	230	222	256	257	255	259	260	338	305	317	346	345	219	171	177	173	173	174	180	143	103	0	0	0	0	0		
SRev CCGT-Gas		670	735	876	1169	1200	1176	1308	1289	1338	1460	1473	1541	1470	1215	1212	1295	1076	1062	439	416	642	693	488	544	676	878	1045	834	622	586	512	453	517	530	577	783	791	878	796	649	656	792	777	967	1001	1158	1071	800			
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	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		29	28	27	27	27	28	27	27	30	26	26	28	25	22	22	22	24	23	22	25	26	26	28	27	26	27	27	27	27	26	28	26	26	28	27	29	27	27	28	30	28	29	28	31	26	-1	-6				
Syneon		453	453	453	453	453	302	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453			
Hydro		88	94	129	126	132	125	220	70	91	93	90	116	219	91	37	35	37	41	38	210	282	136	130	128	132	133	132	317	318	118	130	129	130	133	100	56	426	549	517	95	97	97	99	63	63	70	211	177			
S.Reserve Total		1247	1349	1595	1956	2074	2149	2234	2223	2326	2464	2460	2500	2443	2200	2150	2224	1989	1600	970	1092	967	953	872	945	1080	1322	1488	1614	1408	1182	1028	938	1010	1049	1069	1110	1415	1657	1524	960	974	1118	1057	1177	1115	1295	1449	1296			