

### Availability at Daily Maximum Demand Hour

ST-Coal	2,990 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,912 MW
Hydro	1,710 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,612 MW</b>
<b>Total IPP</b>	<b>9,281 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>17,893 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	65,335	19.12 %
Gas	81,852	23.95 %
Hydro	17,181	5.03 %
<b>Total TNB</b>	<b>164,368</b>	<b>48.10 %</b>
ST-Coal	64,373	18.84 %
ST-Gas	282	0.08 %
Gas	112,601	32.95 %
<b>Total IPP</b>	<b>177,256</b>	<b>51.87 %</b>
Co-Gen	396	0.12 %
<b>Total Co-Gen</b>	<b>396</b>	<b>0.12 %</b>
<b>Total Generation</b>	<b>342,020</b>	<b>100.08 %</b>
PLTG	-464	-0.14 %
HVDC	730	0.21 %
<b>Interconnection</b>	<b>266</b>	<b>0.08 %</b>
<b>Net Energy</b>	<b>341,754</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:	15:00:00 Hour
Total Set On Bus	17,664 MW
TNB Generation	7,887 MW
IPP Generation	8,517 MW
Spinning Reserve	1,256 MW
Maximum Demand	16,369 MW
Net Energy	341,754 MWH
Load Factor	86.99 %

### Fuel Cost

Total Cost:	60,263,099.00 RM
Cost per Unit	18.55 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	593
Hydro	156
Syncon	361
Thermal	27
<b>Total</b>	<b>1,137</b>

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	27

### Gas Usage

Station	(mmscfd)
CBPS	14
CBPS	44
GLGR	54
PAKA	179
PGGS	10
PGPS	52
SRDG	80
TJGS	223
<b>Total TNB</b>	<b>655</b>
KLPP	107
MPSS	64
PDPS	40
PGLA	113
PKLG	23
PLPS	114
PTEK	40
SGB3	85
SGRI	197
SKSP	54
YPKA	68
PKLG	3
<b>Total IPP</b>	<b>908</b>
<b>Total Gas</b>	<b>1,563</b>
<b>Total Gas Required</b>	<b>1,563</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	13513	13007	12520	11986	11869	11525	11777	11644	12248	14069	15099	15778	15786	15508	16163	16369	16246	15836	14793	14623	15561	15519	15027	14740





### Daily MW Generation on Wednesday

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
BSIA	HY02	22	12	12	12	11	11	12	12	12	11	11	12	22	22	22	22	22	22	22	22	22	22	22	23
BSIA	HY03	21	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	24	24	23	12	11	11	24	24
CEND	HY01	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	6	6	6	6	6
CEND	HY02	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	6	6	6	6	6
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	7	6	6	6	6	6
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	25	24	24	36	36	35
KNRG	HY02	23	24	24	25	24	24	24	25	24	25	24	25	25	24	24	23	37	37	29	28	29	36	36	36
KNRG	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	24	23	37	37	36	36
KNYR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	100	99	100	100	100	98	100	100	100	100
KNYR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	100	100	100	100	100	100	100	100	100	100
KNYR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	102	99	96	99	99	100	100	100	100	100
KNYR	HY04	101	60	61	67	62	62	60	61	62	62	68	63	63	62	63	102	100	97	100	100	100	100	100	100
LPJA	HY02	16	16	16	16	16	15	15	16	16	16	16	16	16	16	15	16	16	15	15	15	15	16	16	16
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	6	6	6	6	6	6	6	7	7	7
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	81	81	81	81	81	81
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	110	111	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	-1	-1	-1	-1	22	22	-1	-1	-1	-1	-1	-1	-1	-1	80	-1	-1	-1	-1	81	81	80	80	80
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30	30	30	30	30
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30	30	30	30	30
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	13	0	0	30	30	30
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	0	0	0	0
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	0	0	0	0	0
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	0	0	0	0	0
TMGR	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	81	83	84	86	86	84	38	83	86
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	83	84	86	88	84	37	83	85	85	84
TMGR	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
TMGR	HY04	34	34	35	40	35	36	35	35	37	35	36	35	40	37	36	36	37	38	80	78	80	80	82	81
UPIA	HY01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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		268	177	179	191	202	203	177	178	183	179	181	179	192	269	183	181	182	325	596	702	1120	1040	1050	1163
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
PCUP	CUFG	19	18	18	18	18	19	20	19	19	19	19	19	18	18	18	17	16	15	16	15	15	5	4	4
Total Co-Gen		19	18	18	18	18	19	20	19	19	19	19	19	18	18	18	17	16	15	16	15	15	5	4	4
Total Gen		13496	13222	12983	12688	12566	12274	11991	11935	11831	11643	11604	11515	11782	11952	11686	11710	12227	13309	14013	14584	15042	15553	15815	15977
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		30	30	30	30	30	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	31	31	31
TIE-PLTG		-47	-45	-55	-70	16	7	-25	-25	-69	-31	48	-48	-25	4	12	-51	-50	-109	-86	-14	-87	-23	7	
Interconnection		-17	-14	-24	-39	46	37	5	6	-38	-1	79	-17	5	34	42	-21	-21	-79	-56	16	-57	7	37	
System Total		13513	13236	13007	12727	12520	12237	11986	11929	11869	11644	11525	11532	11777	11918	11644	11731	12248	13388	14069	14568	15099	15546	15778	15956
SRev ST-Coal		11	30	18	6	45	78	58	67	156	163	213	204	174	221	203	152	16	42	20	44	20	19	25	-26
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	-115	89	185	152	212	184	151	484	509
SRev CCGT-Gas		472	427	351	525	619	880	1158	1205	1175	1352	1339	1436	1213	943	1144	1122	1167	586	434	471	393	260	157	148
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		57	58	58	58	58	57	56	57	57	57	57	56	57	57	57	57	58	58	58	59	58	59	60	61
Syncon		829	829	829	829	678	678	829	829	829	829	829	829	829	678	829	829	829	829	728	728	389	540	540	389
Hydro		78	123	121	109	249	248	123	122	117	121	119	121	108	182	117	119	118	75	41	110	155	84	74	112
S.Reserve Total		1447	1467	1377	1527	1649	1941	2224	2280	2334	2522	2557	2646	2381	2081	2350	2279	2187	1590	1354	1296	1105	1146	1007	895