

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,146 MW
Hydro	1,742 MW
Distillate	0 MW
<b>Total TNB</b>	<b>6,958 MW</b>
<b>Total IPP</b>	<b>12,128 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>19,086 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	49,803	15.01 %
Gas	40,420	12.18 %
Hydro	19,150	5.77 %
<b>Total TNB</b>	<b>109,373</b>	<b>32.97 %</b>
ST-Coal	113,046	34.08 %
ST-Gas	5,099	1.54 %
Gas	104,105	31.38 %
<b>Total IPP</b>	<b>222,250</b>	<b>66.99 %</b>
Co-Gen	1,189	0.36 %
<b>Total Co-Gen</b>	<b>1,189</b>	<b>0.36 %</b>
<b>Total Generation</b>	<b>332,812</b>	<b>100.32 %</b>
PLTG	334	0.10 %
HVDC	727	0.22 %
<b>Interconnection</b>	<b>1,061</b>	<b>0.32 %</b>
<b>Net Energy</b>	<b>331,751</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	16,944 MW
TNB Generation	5,306 MW
IPP Generation	10,543 MW
Spinning Reserve	1,048 MW
Maximum Demand	15,800 MW
Net Energy	331,751 MWH
Load Factor	87.49 %

**Fuel Cost**

Total Cost:	46,979,128.44 RM
Cost per Unit	14.98 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	487
Hydro	134
Syncon	410
Thermal	45
<b>Total</b>	<b>1,076</b>

Time	Weather	Temperature
Afternoon	Hot	37
Morning	Sunny	28

**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	13274	12927	12654	12339	11866	11628	11754	11830	12082	13487	14512	15075	15152	14782	15002	15702	15800	15456	14171	13908	14775	14884	14361	13989

**Gas Usage**

Station	(mmscfd)
CBPS	7
GLGR	32
PAKA	137
PGPS	24
SRDG	13
TJGS	106
<b>Total TNB</b>	<b>319</b>
KLPP	96
MPSS	48
PDPS	3
PGLA	90
PKLG	2
PLPS	98
SGB3	65
SGRI	168
SKSP	39
YPGS	70
YPKA	139
PKLG	51
<b>Total IPP</b>	<b>870</b>
<b>Total Gas</b>	<b>1,189</b>
<b>Total Gas Required</b>	<b>1,189</b>

**Alternate Fuel Usage**

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





### 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																											
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	80	78	85	81	84	84	85	82	83	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																											
TMGR	HY02	79	79	85	80	85	84	85	82	83	81	83	84	85	90	90	82	85	82	82	86	80	81	87	87	85																										
TMGR	HY03	81	79	85	81	85	84	85	83	83	83	0	0	0	0	0	0	30	81	84	85	81	83	87	89	86																										
TMGR	HY04	77	75	81	78	81	80	82	79	80	79	79	80	81	85	85	79	81	33	78	80	81	77	79	83	83																										
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5																											
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		745	763	819	754	802	800	838	757	792	633	579	578	581	601	624	614	606	566	739	785	785	1074	1109	1142	1183	911	590	591	768	728	944	926	970	999	965	761	751	622	706	788	985	968	952	1018	767	757	746	664			
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	0	0	0
PCUF	CUPG	15	14	15	12	14	13	14	12	12	14	12	13	12	12	14	14	13	12	12	14	11	13	12	11	13	12	11	13	12	13	12	13	12	11	13	12	13	13	13	14	13	12	13	14	13	12	13	12			
PCUF	CUFK	40	39	39	38	39	39	39	39	38	40	38	40	39	39	41	39	38	37	38	33	36	34	35	34	33	34	33	34	33	34	33	34	30	34	34	35	33	35	36	37	37	38	36	36	38	36	37	36	37	38	
Total Co-Gen		55	53	54	50	53	52	53	51	51	52	52	51	52	51	51	45	48	48	46	47	45	45	46	47	43	46	47	47	44	48	48	50	50	50	51	50	49	50	49	50	50	50	50	50	50	50	50	50			
Total Gen		13372	13254	13841	12885	12737	12526	12353	12061	11914	11706	11790	11631	11824	11858	11815	11728	12077	12926	13551	14253	14496	14938	15109	15206	15217	15026	14762	14836	15020	15373	15761	15805	15896	15770	15518	14989	14241	14016	13998	14547	14778	14940	14910	14699	14596	14183	13970	13892			
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	0	
TIE-HVDC		31	29	29	31	31	31	30	30	30	30	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	30	30	31	31	30	30	31	31	30	31
TIE-PLTG		67	46	84	41	52	9	-17	33	17	17	42	-19	40	4	-45	-29	-35	-4	34	7	-47	62	4	19	35	23	-50	37	-11	-64	29	85	66	17	31	8	39	9	59	-69	-28	-15	-5	47	4	48	-49	40			
Interconnection		98	75	114	72	83	40	14	63	48	47	72	11	70	35	-15	2	-5	26	64	37	-16	92	34	49	65	53	-20	67	18	-35	59	115	96	48	62	39	70	40	90	-39	3	16	26	78	35	78	-19	70			
System Total		13274	13179	12927	12813	12654	12486	12339	11998	11866	11659	11628	11620	11754	11823	11830	11726	12082	12900	13487	14216	14512	14846	15075	15157	15152	14973	14782	14769	15802	15408	15702	15690	15800	15722	15456	14950	14171	13976	13908	14586	14775	14924	14884	14621	14361	14105	13989	13822			
SRev ST-Coal		70	36	28	41	35	32	42	36	29	16	30	32	29	4	13	34	35	13	35	33	9	32	18	37	16	46	14	46	34	29	59	27	38	45	38	32	44	35	40	28	29	29	67	50	27	42	52	77			
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	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 CCGT-Gas		766	584	502	576	781	647	849	1064	1253	1316	1254	1319	1133	1144	1200	1038	1398	1063	1014	695	669	568	500	421	476	442	455	356	302	296	288	410	378	448	423	438	718	818	915	480	447	270	305	473	535	511	484	544			
SRev ST-Gas		38	38	38	38	38	38	37	37	38	38	38	38	38	38	38	38	38	38	39	43	19	21	19	10	6	3	3	4	4	4	16	0	0	0	0	0	5	5	3	0	-3	-1	21	40	38	36	32				
SRev Co-Gen		21	23	22	26	23	24	23	25	25	24	24	25	24	24	25	23	25	24	25	25	31	28	28	30	29	31	31	30	29	33	30	29	29	32	28	28	26	26	26	26	25	26	27	26	26	26	26	26	26		
Syncon		453	302	453	453	453	302	453	453	536	385	536	536	536	385	536	453	453	302	453	453	302	302	302	453	618	618	467	618	385	385	385	234	385	536	536	536	536	385	536	536	536	536	536	385	386	537	537	537			
Hydro		133	266	59	124	76	78	191	121	86	100	185	35	32	12	12	173	30	240	67	172	21	59	175	142	201	22	178	177	151	40	107	125	181	303	186	39	49	178	370	262	65	82	98	183	201	60	71	53			
S.Reserve Total		1481	1249	1102	1258	1406	1272	1445	1736	1883	2030	1916	1985	1792	1788	1824	1691	2062	1832	1637	1246	1204	1159	1033	938	1027	997	1299	1231	1076	1050	952	1017	1048	1112	1091	1169	1373	1598	1741	1334	1103	941	1031	1139	1215	1214	1206	1294			