

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,024 MW
Hydro	1,863 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,957 MW</b>
<b>Total IPP</b>	<b>10,552 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>19,079 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	46,640	15.74 %
Gas	49,596	16.74 %
Hydro	17,549	5.92 %
<b>Total TNB</b>	<b>113,785</b>	<b>38.41 %</b>
ST-Coal	84,984	28.69 %
Gas	95,443	32.22 %
<b>Total IPP</b>	<b>180,427</b>	<b>60.90 %</b>
Co-Gen	1,273	0.43 %
<b>Total Co-Gen</b>	<b>1,273</b>	<b>0.43 %</b>
<b>Total Generation</b>	<b>295,485</b>	<b>99.74 %</b>
PLTG	-64	-0.02 %
HVDC	-699	-0.24 %
<b>Interconnection</b>	<b>-763</b>	<b>-0.26 %</b>
<b>Net Energy</b>	<b>296,248</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:	20:30:00 Hour
Total Set On Bus	14,925 MW
TNB Generation	5,606 MW
IPP Generation	8,214 MW
Spinning Reserve	1,051 MW
Maximum Demand	13,906 MW
Net Energy	296,248 MWH
Load Factor	88.76 %

**Fuel Cost**

Total Cost:	38,498,603.79 RM
Cost per Unit	13.85 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	302
Hydro	469
Syncon	331
Thermal	243
<b>Total</b>	<b>1,345</b>

Time	Weather	Temperature
Afternoon	Hot	36
Morning	Sunny	26

**Gas Usage**

Station	(mmscfd)
CBPS	9
GLGR	57
PGPS	47
SRDG	29
TJGS	225
<b>Total TNB</b>	<b>367</b>
KLPP	99
PDPS	9
PGLA	118
PLPS	101
PTEK	2
SGB3	88
SGRI	154
SKSP	29
YPGS	70
YPKA	69
<b>Total IPP</b>	<b>739</b>
<b>Total Gas</b>	<b>1,106</b>
<b>Total Gas Required</b>	<b>1,106</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	12658	12038	11543	11300	10904	10797	10798	10874	10548	11558	12286	12927	12949	12720	13112	13279	13317	13020	12555	12815	13810	13866	13492	13166





Daily MW Generation on Tuesday

Table with columns for Station, Unit, and hourly generation (0000 to 2300) for various power plants including TJGS, CBPS, PDPS, PTEK, SRDG, BSIA, CEND, KNRG, KNYR, LPIA, MNOR, PGAU, SIHY, SYPS, TMGR, and UPIA.

### Daily MW Generation on Tuesday

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		905	883	1020	902	819	794	804	688	688	683	677	673	660	681	665	654	652	605	620	583	584	773	908	901	900	562	550	556	608	726	688	678	589	570	625	567	568	462	614	781	991	1002	991	938	821	828	824	719			
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	CUFG	11	11	11	12	12	12	13	13	13	12	11	11	13	13	13	15	12	13	12	12	10	11	11	12	12	12	11	13	14	13	14	14	14	15	14	15	14	14	13	15	16	14	12	14	13	14	12	13			
PCUF	CUFK	43	39	40	42	42	40	42	42	39	41	40	38	39	40	39	42	41	42	40	42	39	40	41	40	39	40	40	40	41	40	40	39	41	41	39	41	40	42	39	40	40	40	39	40	41	40	39	38			
Total Co-Gen		54	50	51	54	54	52	55	55	52	53	51	49	52	53	52	57	53	55	52	54	49	51	52	52	51	52	51	53	55	53	54	53	55	56	53	56	54	56	52	55	56	54	51	54	54	54	51	51			
Total Gen		12626	12231	12806	11693	11511	11342	11267	11097	10873	10801	10765	10647	10767	10987	10842	10568	10517	11036	11526	11827	12254	12534	12895	12956	12917	12676	12688	12945	13080	13211	13247	13249	13285	13224	12988	12717	12523	12496	12783	13326	13778	13874	13833	13669	13461	13362	13135	12768			
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		-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29		
TIE-PLTG		-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3		
Interconnection		-32	-32	-32	-32	-32	-33	-33	-31	-31	-32	-32	-31	-31	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	
System Total		12658	12263	12838	11725	11543	11375	11300	11128	10904	10833	10797	10678	10798	11019	10874	10599	10548	11068	11558	11859	12286	12566	12927	12988	12949	12708	12720	12937	13112	13243	13279	13281	13317	13256	13020	12749	12855	12528	12815	13358	13810	13907	13866	13701	13492	13393	13166	12799			
SRev ST-Coal		406	581	734	708	698	729	697	673	721	685	707	664	641	620	699	984	938	858	702	637	469	368	298	327	355	338	358	326	314	367	406	76	55	97	15	4	4	96	-29	-32	24	49	53	5	12	11	16	-5			
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	8	18	16	134	165	171	90	18	77	39	61	61	246	167	167	184	80	81	14	12	12	7	0	0	0	0	0	0		
SRev CCGT-Gas		230	161	132	358	120	223	348	426	600	705	920	1060	970	793	787	818	917	346	366	400	265	361	56	79	88	116	288	106	77	80	305	364	423	426	211	285	478	692	550	249	369	233	280	333	294	261	476	565			
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		22	26	25	22	22	24	21	21	24	23	25	27	24	23	24	19	23	21	24	22	27	25	24	24	25	24	25	23	21	23	22	23	21	20	23	20	22	20	24	21	20	22	25	22	22	22	25	25			
Symcon		0	0	0	0	0	0	302	302	302	302	302	390	541	624	624	624	541	390	541	541	541	151	385	385	624	624	624	624	536	473	624	624	0	478	629	629	629	629	453	0	0	0	0	1	1	1	1				
Hydro		655	677	390	508	591	616	606	420	420	425	431	435	360	338	295	306	308	280	416	302	301	312	567	240	241	115	127	121	109	304	415	361	375	943	297	141	140	246	319	453	746	735	746	799	715	708	712	667			
S.Reserve Total		1313	1445	1281	1596	1431	1592	1672	1842	2067	2140	2385	2488	2385	2315	2429	2751	2810	2046	1898	1902	1603	1669	1104	1073	1110	1351	1587	1371	1235	1328	1698	1487	1559	1547	1270	1246	1440	1867	1573	1225	1173	1051	1116	1166	1044	1005	1230	1253			