

#### Availability at Daily Maximum Demand Hour

ST-Coal	2,250 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,521 MW
Hydro	1,976 MW
Distillate	0 MW
Total TNB	7,747 MW
Total IPP	10,067 MW
Total Co-Gen	70 MW
Total System	18,454 MW

#### Generation Mix

Type	MWh	Percentage
ST-Coal	50,859	15.26 %
Gas	60,683	18.21 %
Hydro	14,680	4.41 %
<b>Total TNB</b>	<b>126,222</b>	<b>37.88 %</b>
ST-Coal	122,649	36.81 %
Gas	82,101	24.64 %
<b>Total IPP</b>	<b>204,750</b>	<b>61.45 %</b>
Co-Gen	1,084	0.33 %
<b>Total Co-Gen</b>	<b>1,084</b>	<b>0.33 %</b>
<b>Total Generation</b>	<b>332,056</b>	<b>99.65 %</b>
PLTG	-466	-0.14 %
EGAT	-3	0.00 %
HVDC	-699	-0.21 %
<b>Interconnection</b>	<b>-1,168</b>	<b>-0.35 %</b>
<b>Net Energy</b>	<b>333,224</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	16,981 MW
TNB Generation	6,069 MW
IPP Generation	9,684 MW
Spinning Reserve	1,185 MW
Maximum Demand	15,916 MW
Net Energy	333,224 MWH
Load Factor	87.24 %

#### Fuel Cost

Total Cost:	44,237,733.70 RM
Cost per Unit	13.93 cents/kWH

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	333
Hydro	279
Syncon	619
Thermal	78
<b>Total</b>	<b>1,309</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	28

#### Gas Usage

Station	(mmscfd)
CBPS	14
CBPS	68
GLGR	54
PAKA	95
SRDG	29
TJGS	204
<b>Total TNB</b>	<b>464</b>
KLPP	99
MPSS	57
PDPS	22
PGLA	58
PKLG	24
PLPS	80
PTEK	24
SGB3	90
SGRI	159
SKSP	53
<b>Total IPP</b>	<b>666</b>
<b>Total Gas</b>	<b>1,130</b>
<b>Total Gas Required</b>	<b>1,130</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	13225	12505	12033	11708	11449	11257	11318	11500	12169	13989	15020	15583	15440	15184	15607	15818	15916	15453	14536	14835	15142	14894	14323	13903

**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																											
JMAH	U001	703	705	700	704	702	701	703	683	684	681	682	677	661	661	660	700	700	700	697	697	703	699	698	701	694	699	698	700	697	698	697	700	698	697	696	698	696	699	699	697	697	698	703	695	697	699	701				
JMAH	U002	703	703	711	705	706	704	703	687	684	681	682	681	664	661	660	694	706	703	703	702	703	703	702	703	701	700	703	703	703	702	701	703	705	703	700	704	698	703	703	703	705	704	701	704	705	703	705	704			
JMIG	U001	634	632	631	638	639	639	629	632	629	640	639	636	637	631	638	628	632	638	634	629	638	636	639	598	628	630	634	641	641	620	590	590	596	593	601	593	598	594	596	594	597	595	586	596	591	623	662	681			
JMIG	U002	679	677	678	680	675	657	673	676	673	677	680	679	654	657	654	671	666	629	633	633	634	629	632	637	634	634	633	635	626	632	635	631	634	632	634	633	629	634	636	631	634	635	631	634	635	631	634	634	679		
JMIG	U004	791	791	791	798	791	799	803	800	796	777	765	777	796	806	803	801	803	800	824	917	902	906	907	900	895	904	904	913	904	921	900	922	925	905	846	850	844	863	873	870	867	863	867	854	859	869	855	865			
PKLG	U003	282	282	283	281	283	281	279	281	281	281	282	282	283	281	282	279	277	281	281	281	279	277	280	280	283	281	283	279	283	279	283	281	281	281	281	281	281	281	282	279	281	281	282	281	282	281	279	281			
PKLG	U004	280	280	280	280	280	278	276	278	278	280	279	280	279	278	279	278	279	280	278	278	278	276	278	278	280	282	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	281	281	
PKLG	U005	346	343	346	343	347	349	348	348	349	349	353	349	349	377	366	359	362	359	359	362	425	441	445	441	443	445	443	443	441	455	455	465	469	469	469	469	465	468	465	465	458	488	462	469	468	464	469	467	461		
PKLG	U006	464	467	467	470	467	470	470	466	466	466	470	467	469	467	467	467	467	467	471	467	467	467	467	467	467	470	470	467	464	467	468	467	470	467	467	467	467	467	470	467	474	470	467	470	467	470	467	467	461		
TBIN	U001	698	698	700	699	696	699	699	680	679	677	680	678	658	658	660	686	700	700	696	695	696	697	695	695	698	698	697	697	694	693	712	693	697	695	698	699	691	703	694	696	696	692	695	703	697	693	698	696			
TBIN	U002	703	703	698	705	700	701	701	683	682	686	683	679	660	660	661	688	699	698	696	698	697	697	693	697	705	697	698	697	699	700	702	700	698	699	701	702	700	699	703	700	699	699	701	700	703	700	698	695			
TBIN	U003	701	701	702	701	700	700	701	679	680	681	682	672	661	661	663	667	701	701	699	699	699	702	701	699	695	699	702	701	699	703	702	700	698	700	704	702	697	698	702	700	697	698	702	700	702	703	702	702	702		
TBIN	U004	191	184	235	222	237	231	225	227	222	230	225	231	230	221	229	231	229	239	217	222	281	297	301	311	312	304	301	308	332	334	292	256	277	295	273	274	0	0	0	0	0	0	0	0	0	0	0	0			
Total ST-Coal		7175	7166	7222	7226	7223	7209	7210	7120	7103	7106	7102	7088	7001	7019	7022	7149	7221	7195	7190	7280	7402	7425	7439	7409	7439	7439	7444	7463	7474	7475	7413	7391	7430	7420	7343	7345	7055	7087	7099	7077	7113	7079	7081	7088	7079	7124	7147	7213			
Total 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	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		
Total 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	0	
CBPS	GT1A	96	88	87	88	87	87	87	88	87	87	87	87	87	87	87	87	97	97	97	98	98	98	97	97	97	97	96	96	94	95	94	94	93	93	93	87	87	95	96	96	96	96	96	96	96	96	96	96	87		
CBPS	GT1B	93	87	88	87	87	88	87	88	87	88	88	87	87	87	87	87	87	94	93	93	95	95	94	93	93	93	92	92	91	92	91	91	91	90	90	87	87	92	92	92	92	93	92	92	92	92	92	92	92	88	
CBPS	ST1C	101	92	90	90	90	90	90	90	90	90	90	90	90	100	101	101	103	103	103	102	101	102	101	102	101	100	100	100	102	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	95	
CBPS	BLK2	42	42	40	44	42	42	43	42	43	42	41	62	73	101	100	102	101	101	102	101	102	101	102	101	100	100	100	100	102	103	100	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	
GLGR	GT01	107	68	68	68	67	69	69	68	69	67	67	69	68	68	68	68	103	106	106	105	104	104	104	104	104	103	103	103	103	103	103	104	104	105	106	106	105	106	106	105	106	106	107	107	108	107	107	107			
GLGR	GT02	112	70	68	68	68	68	68	68	68	67	68	68	68	68	68	68	104	112	111	111	110	110	110	111	110	110	109	109	108	109	108	109	109	109	109	109	110	109	110	110	111	111	111	111	111	111	112	113	113	113	113
GLGR	ST1C	101	80	71	70	72	71	71	71	71	71	71	71	71	71	71	71	89	99	100	100	100	100	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	
KLPP	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	15	15	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	0	0	
KLPP	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	0	
KLPP	GT13	135	135	106	107	70	71	70	71	70	71	71	71	71	71	71	70	70	125	135	134	134	138	137	135	136	138	137	138	138	136	138	136	138	137	137	138	136	108	134	135	137	134	136	135	135	129	136	135			
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57	57	152	152	152	152	152	152	152	152	152	152	152	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151		
KLPP	GT15	146	147	120	118	100	78	78	78	78	77	77	78	78	78	78	78	135	147	149	149	149	149	149	146	146	148	148	147	147	148	151	151	151	152	152	152	145	118	146	145	151	149	149	150	150	144	150	146			
KLPP	ST17	129	128	117	117	101	89	89	90	89	89	88	88	90	84	101	92	126	196	207	214	228	228	228	228	228	228	228	227	227	227	229	229	229	229	229	210	226	227	227	230	230	230	230	226	196	204					
MPSS	GT01	104	67	69	70	70	69	69	69	69	68	69	70	70	70	69	68	69	100	110	107	106	104	105	105	105	105	105	105	103	103	103	102	103	103	104	104	104	104	104	104	104	104	104	104	104	104	104	104	106	106	
MPSS	GT02	104	71	71	72	71	71	71	70	71	70	73	73	72	72	72																																				



**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																										
PGAU	HY01	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	20	85	86	-1	-1	-1	-1	-1	110	86	113	114	84	19	20	113	113	41	112	112	112	112	112	20	-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	-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	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-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	-1	-1	-1	-1	-1	20	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		
SIHY	HY01	49	49	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		
SIHY	HY02	50	50	50	50	50	50	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		
SIHY	HY03	50	50	50	50	50	50	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	
SYPS	HY01	25	25	25	25	25	25	25	25	16	16	16	16	16	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25		
SYPS	HY02	25	25	25	25	25	25	25	25	16	16	16	16	16	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25		
SYPS	HY03	25	25	25	25	25	25	25	25	16	16	16	16	16	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
TMGR	HY01	30	32	30	34	30	32	33	34	31	26	18	21	32	35	36	36	35	48	52	50	43	61	63	60	56	54	56	63	83	83	60	65	68	34	28	30	27	36	41	65	63	63	62	64	32	35	30	35		
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	-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	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	
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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
UPLA	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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
UPLA	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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
<b>Total Hydro</b>		<b>481</b>	<b>480</b>	<b>436</b>	<b>457</b>	<b>423</b>	<b>469</b>	<b>462</b>	<b>388</b>	<b>354</b>	<b>308</b>	<b>291</b>	<b>269</b>	<b>309</b>	<b>365</b>	<b>388</b>	<b>397</b>	<b>390</b>	<b>470</b>	<b>532</b>	<b>534</b>	<b>565</b>	<b>682</b>	<b>895</b>	<b>883</b>	<b>708</b>	<b>678</b>	<b>408</b>	<b>466</b>	<b>765</b>	<b>913</b>	<b>866</b>	<b>852</b>	<b>855</b>	<b>777</b>	<b>536</b>	<b>549</b>	<b>725</b>	<b>757</b>	<b>671</b>	<b>1180</b>	<b>1135</b>	<b>924</b>	<b>911</b>	<b>906</b>	<b>595</b>	<b>566</b>	<b>566</b>	<b>543</b>		
<b>Total Distillate</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
PCUF	CUFK	19	19	19	20	19	19	18	19	21	20	19	20	19	17	19	19	18	19	18	17	16	15	15	16	17	17	18	19	18	17	18	18	18	18	18	17	18	19	26	24	25	26	26	26	24	27	28	35	36	
PCUF	CUFK	25	25	25	25	25	25	26	24	24	24	25	26	25	26	25	26	24	25	23	24	25	25	26	23	25	24	24	25	26	23	23	24	26	26	25	25	25	25	24	25	25	24	25	25	25	25	25	25	25	25
<b>Total Co-Gen</b>		<b>44</b>	<b>44</b>	<b>44</b>	<b>45</b>	<b>44</b>	<b>43</b>	<b>45</b>	<b>45</b>	<b>44</b>	<b>43</b>	<b>45</b>	<b>42</b>	<b>45</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>42</b>	<b>42</b>	<b>39</b>	<b>40</b>	<b>39</b>	<b>41</b>	<b>42</b>	<b>43</b>	<b>45</b>	<b>41</b>	<b>42</b>	<b>41</b>	<b>42</b>	<b>43</b>	<b>44</b>	<b>40</b>	<b>41</b>	<b>43</b>	<b>52</b>	<b>50</b>	<b>50</b>	<b>51</b>	<b>51</b>	<b>50</b>	<b>49</b>	<b>52</b>	<b>54</b>	<b>60</b>	<b>61</b>	<b>61</b>	<b>61</b>			
<b>Total Gen</b>		<b>13157</b>	<b>12673</b>	<b>12440</b>	<b>12163</b>	<b>12016</b>	<b>11764</b>	<b>11649</b>	<b>11524</b>	<b>11406</b>	<b>11329</b>	<b>11282</b>	<b>11295</b>	<b>11266</b>	<b>11466</b>	<b>11483</b>	<b>11570</b>	<b>12114</b>	<b>13383</b>	<b>13956</b>	<b>14389</b>	<b>14993</b>	<b>15224</b>	<b>15596</b>	<b>15607</b>	<b>15414</b>	<b>15217</b>	<b>15113</b>	<b>15270</b>	<b>16537</b>	<b>15801</b>	<b>15771</b>	<b>15738</b>	<b>15796</b>	<b>15824</b>	<b>15444</b>	<b>15016</b>	<b>14530</b>	<b>14369</b>	<b>14792</b>	<b>15247</b>	<b>15061</b>	<b>16002</b>	<b>14870</b>	<b>14738</b>	<b>14296</b>	<b>13986</b>	<b>13811</b>	<b>13472</b>		
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		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		-39	-12	-36	-10	11	-57	-30	-31	-14	51	54	10	-23	26	12	12	-27	-60	-3	11	3	-25	43	-14	3	-40	-42	-111	-41	-66	-18	-96	-91	-9	20	-17	22	-6	-13	-21	-52	-33	5	37	3	-85	-62	-70		
Interconnection		-68	-41	-65	-38	-17	-85	-59	-60	-43	22	25	-19	-52	-3	-17	-17	-55	-88	-33	-18	-27	-55	13	-44	-26	-69	-71	-141	-70	-95	-47	-125	-120	-38	-9	-47	-6	-35	-43	-50	-81	-62	-24	8	-27	-115	-92	-99		
<b>System Total</b>		<b>13225</b>	<b>12714</b>	<b>12595</b>	<b>12201</b>	<b>12033</b>	<b>11849</b>	<b>11708</b>	<b>11584</b>	<b>11449</b>	<b>11307</b>	<b>11257</b>	<b>11314</b>	<b>11318</b>	<b>11469</b>	<b>11500</b>	<b>11587</b>	<b>12169</b>	<b>13471</b>	<b>13989</b>	<b>14407</b>	<b>15020</b>	<b>15279</b>	<b>15583</b>	<b>15651</b>	<b>15440</b>	<b>15286</b>	<b>15184</b>	<b>15411</b>	<b>15607</b>	<b>15896</b>	<b>15818</b>	<b>15863</b>	<b>15916</b>	<b>15862</b>	<b>15453</b>	<b>15063</b>	<b>14536</b>	<b>14404</b>	<b>14835</b>	<b>15297</b>	<b>15142</b>	<b>15064</b>	<b>14894</b>	<b>14730</b>	<b>14323</b>	<b>14101</b>	<b>13903</b>	<b>13571</b>		
SRev ST-Coal		233	192	136	139	121	145	146	233	246	227	216	243	348	339	331	201	131	111	141	136	49	120	18	48	25	25	20	1	23	111	65	35	85	91	42	10	23	-9	103	122	81	113	115	95	107	67	37	120		
SRev OCCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-5	-81	2	2	11	12	184	185	102	77	30	109	35	37	122	195	385	204	185	83	81	79	79	75	76	99	80	0	0	
SRev CCGT-Gas		595	861	1106	1409	1518	1802	1910	1873	1940	1973	1998	1951	1933	1804	1816	1864	1385	583	379	264	212	158	114	160	209	275	248	253	317	250	316	388	219	284	269	295	477	662	265	299	479	293	417	329	322	251	304	340		
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	0
SRev Co-Gen		26	26	26	25	26	26	27	25	25	26	27	25	25	28	25	26	26	26	26	26	28	31	30	31																										