

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,980 MW
ST-Gas	0 MW
ST-Oil	150 MW
Gas	4,216 MW
Hydro	1,914 MW
Distillate	60 MW
<b>Total TNB</b>	<b>8,320 MW</b>
<b>Total IPP</b>	<b>10,297 MW</b>
<b>Total Co-Gen</b>	<b>87 MW</b>
<b>System Total</b>	<b>19,264 MW</b>

**Set On Bus, TNB, IPP And MD**

At Daily Maximum Demand Hour : 20:30		
TNB Generation	5,598 MW	
IPP Generation	5,502 MW	
Total Set On Bus	12,036 MW	
Maximum Demand	11,205 MW	
Spinning Reserve	849 MW	
Net Energy	238,361 MWH	
Load Factor	88.6 %	

**Maximum Demand Record**

<b>Date :</b>	09/05/2011	15,476.0 MW
<b>Date :</b>	10/05/2011	318,459.0 MWH

**Hourly System MW Generation**

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	10979	10414	9981	9631	9429	9308	9264	9251	8668	8828	9305	9653	9794	9812	9926	10079	10112	10001	9734	9999	11151	11045	10852	10608

**Gas Usage**

Station	(mmscfd)
GLGR	61
PAKA	48
PGPS	26
SRDG	2
TJGS	214
<b>TNB Total</b>	<b>349</b>
KLPP	86
PGLA	120
PLPS	80
SGB3	1
SKSP	51
YPGS	47
YPKA	25
<b>IPP Total</b>	<b>409</b>
<b>Total Gas</b>	<b>759</b>
<b>Total Gas Required :</b>	<b>759</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	43,264.00	18.15 %
Gas	49,419.00	20.73 %
Hydro	21,625.00	9.07 %
<b>Total TNB</b>	<b>114,308.0</b>	<b>47.96 %</b>
ST-Coal	66,020.0	27.70 %
Gas	56,825.0	23.84 %
<b>Total IPP</b>	<b>122,845.0</b>	<b>51.54 %</b>
Co-Gen	2,219.0	0.93 %
<b>Total Co-Gen</b>	<b>2,219.0</b>	<b>0.93 %</b>
<b>Total Generation</b>	<b>239,372.0</b>	<b>100.42 %</b>
PLTG	-439.0	-0.18 %
EGAT	733.0	0.31 %
HVDC	717.0	0.30 %
<b>Interconnection</b>	<b>1,011.0</b>	<b>0.42 %</b>
<b>Net Energy</b>	<b>238,361.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	135
Hydro	179
Syncon	296
Thermal	250
<b>Total</b>	<b>860</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 31

Daily MW Generation On Sunday

22-Jan-2012

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																											
PKLG	U005	461	465	462	462	462	462	462	462	463	460	462	462	462	462	462	462	463	463	462	462	463	462	465	464	463	462	465	464	464	463	463	463																			
JMUG	U001	674	674	656	638	638	621	545	584	586	587	587	569	569	569	569	569	569	569	569	569	569	569	569	569	569	569	569	569	569	569	569	569	569																		
JMUG	U002	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539																		
JMUG	U003	536	535	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536																		
TBIN	U001	693	693	660	640	640	640	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600																		
TBIN	U003	694	694	660	640	640	640	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600																		
JMAH	U001	301	226	268	213	213	212	212	212	212	210	210	215	215	209	207	209	214	214	207	211	211	213	213	213	213	213	359	538	663	629	634	634	632	632																	
JMAH	U002	695	703	663	643	643	626	599	582	600	605	583	582	582	582	582	551	551	551	551	550	600	605	637	632	632	634	632	632	632	632	632	632	632	632																	
Total ST-Coal		4593	4529	4384	4313	4311	4274	4200	4132	4117	4134	4202	4146	4147	4141	4142	4141	3959	3959	3951	3954	4154	4257	4388	4402	4422	4425	4573	4751	4870	4822	4848	4886	4869	4874	4873	4874	4738	4716	4742	4930	5163	5155	5155	5156	5062	5038	4925	4888			
GLGR	GT01	103	105	104	104	104	104	104	104	104	104	104	104	104	103	103	104	103	103	102	102	101	101	101	102	101	100	101	101	101	101	102	102	101	101	102	100	101	102	102	103	103	103	103	103	103	103	103				
GLGR	GT02	107	107	106	107	106	106	106	106	107	107	106	106	106	106	106	105	105	104	103	103	104	103	102	103	102	102	102	102	103	104	104	104	104	104	103	103	104	104	104	104	104	104	104	104	104	105	105	105	105		
GLGR	ST1C	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100		
KLPP	GT13	148	150	148	148	148	149	148	149	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
KLPP	GT14	138	142	139	139	139	139	140	132	131	140	141	140	141	138	135	136	132	131	131	127	132	135	131	136	137	137	139	139	140	138	138	139	139	140	138	139	138	139	139	137	137	135	136	135	133	130	134	134	134		
KLPP	GT15	150	149	148	148	148	147	148	142	136	148	148	148	149	148	150	149	150	151	151	149	150	148	148	147	149	150	150	150	148	149	149	149	149	149	149	149	149	148	150	149	149	150	150	151	150	150	150	149	149		
KLPP	ST17	202	202	201	201	202	202	203	203	154	133	128	141	137	133	133	133	137	137	136	141	133	133	133	129	129	129	129	129	129	128	128	130	130	130	130	131	131	131	131	131	131	131	131	131	131	131	131	131	131		
PAKA	GT2A	78	81	79	79	79	80	79	81	80	79	81	81	80	79	81	79	79	80	79	79	80	77	78	76	77	76	77	76	78	76	75	76	75	75	77	76	77	77	76	76	76	76	75	77	76	76	75	77	76		
PAKA	GT2B	88	88	0	0	0	0	59	70	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90		
PAKA	ST2C	36	37	37	37	37	37	77	88	88	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	
PAKA	GT3A	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PGLA	GT11	228	223	246	239	238	239	237	232	245	245	246	243	238	244	247	219	163	185	223	247	245	246	232	238	241	242	240	238	224	236	224	239	239	239	226	204	229	241	241	237	243	243	237	239	244	244	242	246	246		
PGLA	GT12	228	224	246	241	238	239	233	231	245	246	247	244	242	243	246	219	163	187	224	245	246	245	233	238	239	240	238	239	223	235	223	239	236	238	224	206	230	239	239	239	242	242	242	236	240	242	243	243	244	244	
PGLA	ST10	232	235	247	252	245	247	242	238	247	252	248	248	250	245	252	232	195	211	234	250	255	251	251	253	253	248	247	253	252	252	252	252	252	245	253	249	245	229	251	249	249	236	254	253	251	254	253	253	249	252	252
PGPS	GT3A	75	75	75	75	75	75	74	76	75	76	75	76	75	75	75	75	74	76	75	86	86	86	85	84	85	84	84	83	83	84	84	85	87	87	88	88	89	89	88	88	88	88	88	88	88	88	88	88	88	89	
PGPS	GT3B	88	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PGPS	ST3C	77	77	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	34	34	40	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41		
SGB3	GT31	127	84	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SGB3	ST34	65	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
YPGS	GT11	126	86	88	87	90	91	86	86	93	84	85	86	93	86	85	85	88	88	88	84	88	83	84	85	84	90	83	83	89	86	87	84	84	85	83	86	82	89	86	93	84	85	84	85	88	83	93	90			
YPGS	GT12	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
YPGS	ST10	139	112	113	111	110	110	109	109	111	109	109	109	111	109	111	109	111	109	111	112	110	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	
YPKA	BLK1	93	68	68	68	67	67	67	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	
YPKA	BLK2	103	80	75	75	75	75	74	74	75	75	74	74	75	76	75	75	75	76	76	75	76	75	76	75	76	76	76	74	74	75	77	75	75	74	74	74	76	76	74	74	74	76	76	74	75	75	74	74	74	74	
PLPS	GT11	11																																																		



