

Availability At Daily Maximum Demand Hour

ST-Coal	2,030	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	4,454	MW
Hydro	1,904	MW
Distillate	0	MW
Total TNB	8,388	MW
Total IPP	10,773	MW
Total Co-Gen	73	MW
System Total	19,798	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 00:00 21:00	
TNB Generation	4,729 MW
IPP Generation	7,820 MW
Total Set On Bus	13,921 MW
Maximum Demand	12,615 MW 11,832
Spinning Reserve	1,299 MW
Net Energy	260,759 MWH
Load Factor	86.1 %
Total Cost	31,598,345 RM
Cost per Unit	12.61 cents/kWH

Maximum Demand Record

Date :	11/06/2014	16,901.0 MW
Date :	24/06/2014	355,911.0 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	12615	12245	11607	11273	10953	10702	10742	10209	9365	9593	9992	10376	10446	10408	10615	10689	10697	10571	10500	10649	11503	11832	11658	11610

Gas Usage

Station	(mmscfd)
GLGR	62
PAKA	12
PGPS	4
TJGS	216
TNB Total	293
KLPP	100
PGLA	108
PLPS	52
SGRI	175
SKSP	23
YPGS	33
YPKA	65
IPP Total	555
Total Gas	849
Total Gas Required :	849
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	47,128.00	18.07 %
Gas	41,078.00	15.75 %
Hydro	9,133.00	3.50 %
Total TNB	97,339.0	37.33 %
ST-Coal	86,888.0	33.32 %
Gas	73,650.0	28.24 %
Total IPP	160,538.0	61.57 %
Co-Gen	1,784.0	0.68 %
Total Co-Gen	1,784.0	0.68 %
Total Generation	259,661.0	99.58 %
PLTG	-395.0	-0.15 %
HVDC	-703.0	-0.27 %
Interconnection	-1,098.0	-0.42 %
Net Energy	260,759.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	232
Hydro	184
Syncon	647
Thermal	118
Total	1181

Weather Temperature

Weather	Temperature
Morning	Sunny 25
Afternoon	Hot 35

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	U003	282	281	281	282	282	282	280	281	281	281	283	283	282	283	283	281	281	282	282	282	281	281	283	283	283	282	281	280	283	281	283	281																		
PKLG	U004	283	288	282	283	280	282	278	281	279	279	281	282	280	283	252	145	99	78	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0																	
PKLG	U006	466	469	469	466	466	466	466	469	469	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466																		
JMUG	U001	689	685	684	685	688	685	686	681	688	683	685	685	679	681	682	625	627	623	626	645	645	662	665	666	667	667	665	660	653	664	664	666	665	666	666	665	663	666	667	685	684	685	686	685	685	684	685	683		
JMUG	U002	641	645	643	640	643	645	642	647	643	648	645	641	644	645	652	621	625	624	621	645	645	643	649	642	636	643	646	651	656	645	646	644	641	645	643	645	644	645	640	647	645	642	647	644	651	642	643			
JMUG	U003	679	676	677	676	677	678	676	676	674	674	676	678	676	678	637	629	623	623	626	638	646	645	640	639	639	642	643	643	640	640	645	642	644	642	638	649	640	647	643	640	645	642	639	639	643	643	637	643		
TBIN	U001	675	678	672	671	673	676	672	672	674	674	673	674	672	674	656	627	628	629	651	669	671	673	673	674	672	673	673	672	673	669	672	674	670	670	672	673	697	699	697	702	700	698	698	699	698					
TBIN	U002	698	701	697	697	700	695	697	701	697	700	699	693	696	700	696	633	632	633	633	655	649	667	679	672	671	670	673	669	670	672	670	673	669	672	674	670	670	672	673	697	699	697	702	700	698	698	699	698		
TBIN	U003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
JMAH	U001	703	705	700	699	701	703	701	698	705	702	706	700	701	701	699	631	631	631	630	654	654	671	673	673	674	671	673	671	673	669	670	672	671	673	701	703	700	702	702	702	700	701	702	702	700	701	702			
JMAH	U002	702	704	701	697	707	702	705	704	706	704	704	706	703	704	703	633	630	634	630	658	653	674	672	676	674	675	673	673	673	674	671	672	673	673	675	700	704	705	703	703	702	704	705	702						
Total ST-Coal		5818	5832	5806	5796	5817	5814	5805	5809	5816	5811	5816	5807	5802	5813	5746	5321	5243	5226	5177	5293	5308	5382	5400	5389	5384	5323	5280	5284	5314	5375	5386	5388	5389	5393	5384	5394	5384	5393	5394	5673	5714	5702	5708	5708	5801	5914	5999	6122		
GLGR	GT01	106	105	106	106	110	110	109	109	108	108	108	107	109	96	64	65	68	67	67	65	96	106	105	106	106	105	104	104	104	104	103	103	104	105	105	105	105	105	105	106	107	107	106	106	106	106				
GLGR	GT02	112	111	112	112	116	115	114	114	114	114	114	114	100	69	70	70	71	70	70	100	110	109	109	109	108	109	110	110	109	109	108	110	110	110	110	110	110	110	111	111	111	111	111	111	111	112	112			
GLGR	ST1C	101	100	100	100	102	102	101	102	101	101	102	102	101	102	96	73	71	71	71	72	71	84	97	99	98	98	98	98	98	98	98	98	99	99	99	99	99	99	99	99	99	100	100	100	100	100	100	100		
KLPP	GT13	150	150	150	149	149	149	149	147	148	148	149	149	148	149	132	76	76	75	114	115	114	149	149	147	149	149	148	149	150	149	149	150	150	148	150	150	149	148	149	149	149	149	149	149	150	150	150			
KLPP	GT14	148	148	148	148	147	147	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	
KLPP	GT15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	ST17	142	142	142	141	141	141	141	141	141	141	141	141	141	141	135	114	98	90	135	134	134	147	200	213	213	214	214	214	214	214	214	214	214	214	214	214	214	214	214	214	214	214	214	214	214	214	214	214	214	
PAKA	GT1A	88	61	64	65	64	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PAKA	GT1B	88	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PAKA	ST1C	80	58	30	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PAKA	GT2A	84	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PAKA	GT2B	90	60	58	58	58	60	58	57	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PAKA	ST2C	81	60	26	26	26	26	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PAKA	GT3A	88	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PAKA	GT3B	88	61	58	59	58	60	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
PAKA	ST3C	26	26	26	26	26	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	215	228	213	213	230	222	222	222	202	214	208	225	219	149	160	179	156	148	150	187	217	208	167	226	227	198	226	224	226	218	211	218	217	213	203	187	171	181	147	144	207	226	218	211	157	200	160	195		
PGLA	GT12	218	220	218	217	224	224	223	225	205	217	212	228	224	154	163	182	159	152	153	191	221	210	170	220	220	202	220	219	219	221	214	220	219	217	206	190	174	185	149	146	210	220	222	213	160	203	163	198		
PGLA	ST10	241	253	238	240	245	245	245	243	241	244	243	242	244	204	204	195	200	194	215	248	242	221	250	246	233	244	250	244	244	247	247	246	245	243	227	215	222	198	205	229	245	246	244	210	222	209	238			
PGPS	GT3A	83	85	83	83	84	83	83	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	36	36	36	36	36	36	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SGRI	GT11	109	135	122	117	135	124	128	113	115	117	105	116	131	106	103	116	104	104	102	128	111	106	132	132																										

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																									
System Total		12615	12400	12245	11819	11607	11502	11273	11046	10953	10959	10702	10662	10742	10322	10209	9654	9365	9420	9593	9849	9992	10230	10376	10482	10446	10398	10408	10575	10615	10695	10689	10664	10697	10647	10571	10574	10500	10599	10649	11193	11503	11737	11832	11737	11658	11644	11610	11495	
SRev ST-Coal		38	22	48	58	37	40	49	45	38	43	38	47	52	41	67	385	417	413	420	240	225	151	133	144	149	194	151	147	199	159	148	146	145	141	150	140	150	141	140	71	30	42	36	36	33	31	39	42	
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 CCGT-Gas		419	422	556	642	486	529	418	506	457	551	618	248	224	583	703	870	1068	1068	896	723	539	530	456	126	216	266	194	251	200	176	230	187	210	258	296	334	356	456	786	460	285	108	126	260	418	332	385	252	
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	
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Syncon		730	579	176	176	176	478	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	
Hydro		112	265	232	240	226	231	121	123	126	124	125	122	122	138	120	118	124	125	261	131	124	196	123	101	238	240	108	141	236	253	293	162	161	166	164	163	144	147	277	167	146	153	296	152	148	140	138	138	
S.Reserve Total		1299	1288	1012	1116	925	1278	1217	1303	1250	1147	1410	1046	1027	1391	1519	2002	2238	2235	2055	1723	1517	1355	1341	1101	1182	1279	1183	1118	1214	1167	1250	1225	1246	1295	1340	1367	1380	1474	1782	1428	1191	1033	949	1090	1329	1233	1292	1162	