

Availability at Daily Maximum Demand Hour

ST-Coal	2,766 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,323 MW
Hydro	1,745 MW
Distillate	0 MW
Total TNB	7,834 MW
Total IPP	11,719 MW
Total Co-Gen	0 MW
Total System	20,120 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	63,746	18.97 %
Gas	34,225	10.18 %
Hydro	10,484	3.12 %
Total TNB	108,455	32.27 %
ST-Coal	111,451	33.17 %
Gas	114,996	34.22 %
Total IPP	226,447	67.39 %
Co-Gen	1,120	0.33 %
Total Co-Gen	1,120	0.33 %
Total Generation	336,022	99.99 %
PLTG	679	0.20 %
HVDC	-700	-0.21 %
Interconnection	-21	-0.01 %
Net Energy	336,043	100.00 %

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:	15:00:00 Hour
Total Set On Bus	17,604 MW
TNB Generation	5,610 MW
IPP Generation	10,591 MW
Spinning Reserve	1,359 MW
Maximum Demand	16,214 MW
Net Energy	336,043 MWH
Load Factor	86.36 %

Fuel Cost

Total Cost:	46,963,985.24 RM
Cost per Unit	14.42 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	520
Hydro	435
Syncon	475
Thermal	61
Total	1,491

Time Weather Temperature

Afternoon	Hot	35
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
CBPS	9
GLGR	46
PAKA	43
PGPS	49
SRDG	26
TJGS	98
Total TNB	271

KLPP	96
MPSS	51
PDPS	7
PGLA	109
PKLG	6
PLPS	94
PTEK	7
SGB3	83
SGRI	188
SKSP	48
YPGS	69
YPKA	138
Total IPP	895

Total Gas	1,167
Total Gas Required	1,167

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	13583	12948	12169	11963	11681	11454	11707	11876	12265	14085	15016	15754	15599	15345	15840	16214	16097	15600	14299	14143	15042	14818	14411	13970

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, March 11, 2015 4:28:26 PM

 (Gurcharan Singh)
 Pengurus Besar Kanan
 Jabatan Sistem Operasi

Daily MW Generation on Thursday

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	682	682	681	681	682	684	683	681	680	681	682	682	685	703	702	702	703	700	703	703	702	701	702	702	702	702	700	702	701	701	700	698	679	680	682	682	682	679	677	681	679	677										
JMAH	U002	684	684	684	685	683	685	685	681	681	684	682	684	686	688	705	701	705	705	706	705	704	705	704	705	702	703	705	703	702	702	705	705	700	703	700	682	683	684	684	685	682	680	684	685	683							
JMJG	U001	666	662	666	666	656	667	667	656	663	660	661	671	662	670	682	673	682	668	680	668	682	675	679	681	668	682	679	694	682	695	668	670	682	679	651	677	674	666	677	680	680	679	680	679	678	679	682	682				
JMJG	U002	665	667	658	651	651	655	657	657	663	652	649	661	658	667	673	666	674	665	679	591	594	596	596	595	598	593	591	431	446	443	397	369	338	302	187	182	0	0	0	0	0	0	0	0	0	0	0	0				
JMJG	U003	654	645	653	652	648	652	656	656	646	645	654	661	650	667	673	662	674	661	675	662	665	669	668	671	661	673	669	683	672	675	632	624	638	651	625	633	638	641	640	641	640	643	640	646	645	637	636	641				
JMJG	U004	902	900	901	806	758	758	757	759	758	758	758	759	760	760	758	759	810	810	810	909	908	1014	1025	1026	1026	1025	1024	1025	1028	1025	1026	1026	1025	1024	1025	1024	1025	1026	1026	1028	1024	1024	914	901	803	804	804	804				
PKLG	U003	282	281	281	281	281	281	280	207	204	204	207	205	263	280	282	282	281	281	281	282	282	282	283	280	280	283	281	279	281	273	273	277	279	277	277	279	281	283	283	283	281	281	281	281	283	281	281	281				
PKLG	U005	469	463	469	479	466	468	469	468	466	467	466	469	469	469	468	466	466	469	466	466	469	467	469	465	466	469	466	469	466	468	469	466	466	469	466	469	466	469	466	469	466	469	466	466	470	466	467	467	466			
PKLG	U006	467	467	467	467	468	472	468	464	413	406	404	406	407	437	468	466	466	466	469	466	466	469	466	466	466	469	469	470	469	466	469	469	466	466	469	466	469	466	469	466	469	466	469	466	466	470	472	469	469			
TBIN	U001	679	679	679	678	679	677	677	674	676	677	676	680	678	689	699	699	699	699	698	698	699	696	696	695	695	695	692	696	693	696	700	694	678	679	678	676	679	674	678	678	678	681	680	681	676	679	678	679				
TBIN	U002	681	682	673	683	683	681	681	679	679	681	683	682	682	687	702	701	699	703	698	703	699	697	701	701	698	701	697	695	697	699	698	681	680	660	685	680	681	679	679	682	679	683	682	682	680	690	682	679	679			
TBIN	U003	688	684	681	682	680	682	680	680	680	682	679	682	681	691	693	696	694	694	693	696	695	692	701	695	695	695	692	696	693	696	700	693	679	676	680	679	683	683	679	678	681	683	678	683	682	679	681	681	680			
Total ST-Coal		7519	7496	7493	7411	7335	7362	7361	7335	7212	7196	7197	7241	7220	7373	7505	7475	7553	7525	7556	7549	7566	7659	7689	7688	7657	7683	7676	7534	7535	7563	7421	7339	7334	7295	7146	7168	6995	6980	6957	6974	6971	6970	6859	6849	6735	6757	6744	6741				
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	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	0	
GLGR	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	34	55	90	96	110	110	109	108	107	105	104	104	104	104	101	103	105	105	106	108	108	109	110	108	108	110	108	108	110	112	111	111	111	111			
GLGR	GT02	108	103	94	95	95	96	95	95	95	95	95	95	95	95	108	109	109	90	98	107	107	107	105	103	100	100	101	100	100	100	98	100	103	102	102	104	104	105	105	105	105	105	106	107	106	107	106	106	106			
GLGR	ST1C	48	47	39	39	39	39	39	39	39	39	39	39	39	38	38	39	42	45	49	37	85	98	98	98	97	96	92	92	91	92	92	92	90	91	92	93	93	95	95	97	97	97	97	97	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	0	0	0	0	0	0	0	0	0	0	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	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	128	152	150	152	151	151	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152
KLPP	GT14	142	142	142	142	91	91	80	80	80	80	80	80	80	80	80	80	80	101	101	145	145	153	153	149	149	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	
KLPP	GT15	120	120	115	79	80	78	78	78	78	79	78	78	76	80	80	80	107	119	140	140	140	140	141	141	141	141	140	141	140	126	125	125	124	124	124	124	124	124	124	124	124	125	125	125	125	124	121	124	124	124		
KLPP	ST17	132	131	120	103	95	93	95	93	93	93	94	91	94	95	99	97	113	185	202	205	206	206	202	228	233	233	234	233	233	219	218	218	216	216	216	216	216	216	217	217	218	218	217	217	217	196	193	193	193	193		
MPSS	GT01	104	101	91	90	89	90	90	87	89	88	88	90	91	89	90	89	93	89	88	99	102	102	101	100	100	100	100	100	99	100	101	100	101	101	101	101	103	102	103	103	102	102	103	103	103	103	105	105	104	104		
MPSS	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MPSS	ST01	52	52	42	43	42	42	42	41	42	41	42	41	42	41	39	42	44	44	42	115	116	116	116	115	115	115	114	115	115	115	115	115	115	115	115	115	116	116	115	115	115	115	115	116	116	116	116	116	116	116		
PAKA	GT1A	91	71	66	66	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65			
PAKA	GT1B	91	72	65	65	64	65	65	64	63	64	64	64	65	64	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65		
PAKA	ST1C	78	74	66	66	65	66	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65		
PGLA	GT11	233	164	170	190	158	166	184	153	219	155	155	156	211	218	168	158	204	198	194	170	228	229	221	227	197	206	179	227	205	215	210	221	222	22																		

