

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,186 MW
Hydro	2,035 MW
Distillate	0 MW
Total TNB	<u>5,221 MW</u>
Total IPP	<u>14,125 MW</u>
Total Co-Gen	0 MW
Total System	<u>19,346 MW</u>

Generation Mix

Type	MWh	Percentage
Gas	52,951	15.17 %
Hydro	29,045	8.32 %
Total TNB	81,996	23.50 %
ST-Coal	177,905	50.98 %
ST-Gas	3,553	1.02 %
ST-Oil	1,424	0.41 %
Gas	81,909	23.47 %
Total IPP	264,791	75.89 %
Co-Gen	1,377	0.39 %
Total Co-Gen	1,377	0.39 %
Total Generation	348,164	99.78 %
PLTG	-74	-0.02 %
HVDC	-699	-0.20 %
Interconnection	-773	-0.22 %
Net Energy	348,937	100.00 %

Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	17,575 MW
TNB Generation	4,136 MW
IPP Generation	12,205 MW
Spinning Reserve	1,179 MW
Maximum Demand	16,470 MW
Net Energy	348,937 MWH
Load Factor	88.28 %

Fuel Cost

Total Cost:	55,129,972.66 RM
Cost per Unit	17.28 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	694
Hydro	386
Syncon	182
Thermal	231
Total	1,493

Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
CBPS	38
GLGR	52
PAKA	137
PGPS	34
TJGS	155
Total TNB	417
CBPS	54
KLPP	94
MPSS	42
PGLA	106
PLPS	55
SGB3	65
SGRI	166
SKSP	31
YPKA	23
PKLG	37
Total IPP	672
Total Gas	1,089
Total Gas Required	1,103

Alternate Fuel Usage

Station	(mmscfd)
PKLG	14
Total	14

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	14221	13385	12991	12552	12282	12127	12441	12366	12752	14555	15326	15927	15864	15592	16134	16443	16395	16055	14923	14746	15730	15736	15302	14863

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	695	695	692	693	692	694	689	693	694	693	687	692	692	693	690	697	690	694	695	692	692	691	695	679	694	691	691	692	691	693	692	693	690	695	691	692	692	692	692	690	692	694	691	691							
JMAH	U002	474	585	607	696	696	702	693	693	698	696	705	693	689	693	693	694	696	693	692	694	689	695	693	694	695	693	694	694	694	693	693	694	690	693	691	692	693	695	694	693	695	693	688	694	692						
JMJG	U001	679	678	679	682	691	678	677	682	678	678	677	681	683	681	685	664	677	675	679	683	680	678	678	679	681	678	678	679	683	678	680	679	681	679	680	681	678	681	682	679	679	678	676	675	677	679	682	679			
JMJG	U003	669	668	667	671	673	667	670	671	660	677	665	672	689	680	667	673	672	666	670	667	671	670	672	669	669	666	671	671	668	664	666	671	669	670	671	666	673	663	672	666	672	666	668	668	666	668	673	666			
JMJG	U004	955	951	933	873	816	782	785	778	782	780	782	785	783	782	783	782	781	805	854	884	942	952	951	952	952	951	954	952	953	952	953	952	950	953	952	953	952	951	951	950	953	952	952	954	952	952					
PKLG	U003	280	287	283	283	281	279	279	280	282	287	282	283	281	285	283	285	284	283	280	280	283	280	280	280	283	280	280	281	281	283	281	279	278	281	282	282	277	284	281	280	278	282	280	280	282	282	282				
PKLG	U004	214	203	203	202	203	200	209	234	248	254	278	279	279	280	280	278	277	277	278	278	279	280	280	279	277	279	280	276	276	277	281	280	280	280	281	231	208	208	202	207	202	204	207	205	207	207					
PKLG	U005	469	468	466	466	469	479	466	469	470	470	468	470	471	464	466	467	466	467	470	470	470	472	470	468	470	470	469	470	468	468	469	470	468	466	468	471	468	466	473	468	468	470	468	469	468	470	470				
PKLG	U006	466	468	476	469	468	467	472	471	468	468	468	472	474	470	471	468	469	471	469	470	469	469	472	468	470	471	470	468	475	466	459	470	474	470	471	471	472	468	468	471	472	467	469	473	467	466	469				
TBIN	U001	689	690	691	691	690	690	690	691	689	692	690	689	688	691	689	691	691	690	691	690	687	691	692	687	687	690	690	691	693	685	685	689	690	689	687	690	690	690	690	690	689	689	692	689	693	691	687	689			
TBIN	U002	686	463	364	227	144	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
TBIN	U003	686	691	692	690	690	690	691	691	690	682	690	690	691	691	687	689	690	692	691	690	689	690	691	689	689	689	691	689	689	686	691	691	689	688	690	691	690	689	688	690	689	689	687	690	689	689	689	689			
TBIN	U004	952	953	930	810	782	782	783	782	781	781	782	782	781	780	780	782	781	850	852	951	952	951	951	952	949	950	952	950	952	952	951	951	951	952	951	951	952	951	951	951	951	951	951	951	951	951	950	949	951		
Total ST-Coal		7914	7800	7683	7453	7295	7184	7104	7135	7140	7158	7179	7184	7194	7193	7175	7167	7183	7260	7323	7450	7507	7516	7521	7515	7497	7515	7516	7518	7520	7512	7501	7506	7516	7516	7513	7510	7528	7507	7471	7442	7446	7430	7437	7427	7440	7435	7442	7437			
PKLG	U002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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-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	
PKLG	U001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PKLG	U002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	88	87	87	87	87	87	87	88	87	87	87	88	87	88	87	87	88	87	88	87	88	87	88	87	88	87	89	89	89	89	89	89	89	89	89	89	89	88	89	88	88	89	89	89	89	88	88	89			
CBPS	GT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	ST1C	39	40	39	39	39	39	39	39	38	37	38	38	39	38	39	40	39	42	41	38	98	102	102	97	92	92	92	91	91	91	91	91	91	91	91	91	57	41	41	42	41	41	41	41	41	41	39	41	0		
CBPS	BLK2	357	362	355	361	361	361	353	357	349	243	208	213	258	386	372	373	380	377	376	362	361	361	362	363	356	356	361	361	361	361	361	362	361	361	355	354	362	360	360	357	359	358	361	354	364	363	365	365	365		
GLGR	GT01	84	84	85	84	83	81	83	84	83	68	69	69	67	69	68	67	84	83	84	84	84	84	85	85	83	85	84	84	84	84	84	84	84	84	83	83	83	83	83	83	84	85	85	85	82	83	82	85	83	84	84
GLGR	GT02	84	84	84	83	84	84	84	84	84	67	68	68	68	68	68	68	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	
GLGR	ST1C	84	84	84	83	84	83	84	84	83	75	71	71	72	71	71	84	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	84	83	84	83	84	83	84	83	83	83	84	84	83		
KLPP	GT13	144	144	144	143	144	143	143	143	143	70	65	75	69	71	74	75	69	71	73	106	115	116	116	134	140	126	113	123	114	115	120	136	142	142	143	137	135	109	108	108	112	147	148	146	147	147	103	0	0		
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	GT15	145	143	145	147	146	146	144	74	70	79	75	79	82	79	74	73	80	113	117	117	118	137	150	131	115	127	117	119	122	137	143	150	144	146	143	141	112	111	110	116	147	147	147	147	148	144	139	139			
KLPP	ST17	135	131	128	128	128	129	90	78	82	83	83	86	94	83	90	85	182	190	185	185	197	197	193	189	197	185	185	189	193	197	197	202	202	197	193	175	175	177	180	201	201	202	202	203	193	152	128				
MPSS	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	GT02	107	95	90	92	91	90	88	89	89	95	92	93	91	93	89	94	93	89	108	101	101	100	101	101	100	101	99	100	100	100	100	100	101	101	99	99	79	105	105	105	105	105	106	106	106	106	106	106	106		
MPSS	ST01	50	41	38	40	39	39	37	36	38	38	40	41	39																																						

