

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,791 MW
Hydro	2,300 MW
Distillate	0 MW
Total TNB	<u>5,091 MW</u>
Total IPP	<u>14,727 MW</u>
Total Co-Gen	<u>30 MW</u>
Total System	<u>20,412 MW</u>

Generation Mix

Type	MWh	Percentage
Gas	44,843	12.49 %
Hydro	28,408	7.91 %
Total TNB	73,251	20.40 %
ST-Coal	179,586	50.01 %
Gas	104,963	29.23 %
Total IPP	284,549	79.25 %
Co-Gen	803	0.22 %
Total Co-Gen	803	0.22 %
Total Generation	358,603	99.87 %
PLTG	253	0.07 %
HVDC	-717	-0.20 %
Interconnection	-464	-0.13 %
Net Energy	359,067	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:	16:00:00 Hour
Total Set On Bus	18,188 MW
TNB Generation	3,987 MW
IPP Generation	13,175 MW
Spinning Reserve	994 MW
Maximum Demand	17,227 MW
Net Energy	359,067 MWH
Load Factor	86.85 %

Fuel Cost

Total Cost:	60,593,640.20 RM
Cost per Unit	18.36 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	625
Hydro	523
Syncon	163
Thermal	192
Total	1,503

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	51
PGPS	39
SRDG	8
TJGS	225
Total TNB	323
CBPS	53
KLPP	108
MPSS	45
NPRI	143
PDPS	3
PGLA	51
PKLG	3
PLPS	89
PTEK	10
SGB3	100
SGRI	113
SKSP	20
YPKA	68
Total IPP	805
Total Gas	1,128
Total Gas Required	1,128

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	14453	13705	13283	12871	12761	12617	12826	12778	13335	14579	15664	16424	16395	16135	16768	17101	17227	16692	15360	15379	16087	15820	15166	14894

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	692	692	691	693	692	691	692	693	692	692	692	692	692	692	692	692	692	692	692	692	692	692	692	692
JMAH	U002	685	697	696	694	692	692	695	693	693	694	694	695	693	694	693	693	693	693	695	694	695	694	693	694
JMJC	U002	675	677	677	677	673	675	685	676	677	675	678	677	676	677	677	679	678	686	667	688	671	673	689	676
JMJC	U003	673	676	672	675	674	673	678	544	542	599	674	673	675	672	671	673	680	669	677	681	663	674	688	668
JMJC	U004	701	700	700	701	701	704	703	704	701	703	702	700	701	703	702	704	701	699	704	701	701	703	700	704
JMJC	U005	701	703	700	648	647	653	653	701	700	702	668	648	649	701	700	700	698	699	701	701	702	700	702	701
PKLG	U003	283	286	283	283	282	284	283	283	279	283	284	287	284	282	283	283	284	284	280	281	282	282	279	281
PKLG	U004	64	75	72	93	113	119	179	196	236	275	282	280	277	279	278	280	281	282	279	279	279	279	280	281
PKLG	U005	469	470	462	469	474	470	468	468	468	469	467	470	469	467	469	467	469	466	467	470	470	470	472	470
PKLG	U006	470	468	469	470	472	445	360	356	358	359	356	358	358	358	422	464	472	471	471	470	469	471	467	468
TBIN	U001	678	677	679	680	678	676	681	679	679	679	677	674	679	679	679	680	680	679	679	679	678	678	679	679
TBIN	U002	680	683	683	682	682	682	684	682	685	682	684	682	682	681	683	681	685	682	683	685	680	685	682	682
TBIN	U004	700	700	700	652	649	651	650	703	703	703	673	651	651	702	701	701	702	701	701	701	702	701	702	701
Total ST-Coal		7471	7504	7484	7417	7429	7415	7411	7378	7413	7515	7531	7487	7486	7586	7651	7688	7714	7711	7685	7720	7681	7703	7730	7685
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
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
CBPS	BLK2	357	355	348	358	351	357	358	355	354	337	224	223	221	224	214	224	290	359	362	368	369	365	362	365
GLGR	GT01	97	98	67	68	68	70	69	69	69	69	69	68	67	70	69	70	104	106	106	106	105	105	105	105
GLGR	GT02	96	97	69	68	69	68	69	69	69	69	70	68	68	69	70	69	69	68	105	110	110	110	110	110
GLGR	ST1C	89	89	75	72	71	71	71	71	71	71	71	71	71	71	71	91	99	99	99	98	99	98	81	73
KLPP	GT13	125	125	121	112	112	74	71	74	72	70	72	74	72	69	71	75	110	141	146	142	145	146	147	149
KLPP	GT14	155	156	156	124	115	84	83	82	80	81	84	83	82	78	78	81	83	119	149	154	154	152	156	157
KLPP	GT15	150	150	149	117	117	116	78	78	77	74	75	75	77	75	76	74	80	111	140	148	144	144	147	151
KLPP	ST17	209	209	209	193	193	169	152	152	148	148	148	148	148	144	148	177	209	213	212	212	212	209	205	
MPSS	GT01	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	103	103	82	66	66	102	103	
MPSS	GT02	85	92	89	91	89	92	93	92	89	91	92	93	93	89	91	94	94	93	92	104	83	69	103	
MPSS	ST01	72	40	41	40	41	42	41	41	41	41	41	41	41	39	40	41	41	42	42	45	80	112	93	
NPRI	BLK1	440	487	414	411	437	503	405	468	429	410	345	408	430	464	326	338	506	507	501	527	488	524	527	
NPRI	BLK2	440	485	419	411	441	505	418	432	431	414	360	404	433	467	345	358	509	506	503	533	486	527	535	
PGLA	GT11	227	229	225	228	190	195	157	158	154	157	156	156	157	155	158	196	220	220	158	189	222	208	151	
PGLA	ST10	115	115	115	117	103	103	91	93	91	91	91	91	91	91	91	92	107	114	114	93	100	111	111	
PGPS	GT3A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	86	94	94	95	94	93	93	
PGPS	GT3B	72	71	71	71	71	71	71	71	71	71	71	71	71	71	71	81	95	95	94	94	94	93	94	
PGPS	ST3C	33	32	32	32	32	32	32	32	31	31	32	31	31	31	32	32	32	32	32	38	89	94	95	
PLPS	GT11	133	130	109	103	63	64	64	65	62	65	66	65	64	64	63	65	67	104	142	145	148	147	144	
PLPS	GT12	139	139	117	118	65	64	65	65	60	65	65	65	64	64	61	63	69	119	144	142	142	141	141	
PLPS	GT13	130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLPS	ST18	209	138	131	131	94	92	90	93	94	90	90	90	91	91	90	90	120	143	159	211	211	211	211	
SCB3	GT31	118	128	111	124	102	69	67	71	68	70	68	66	70	69	66	67	72	108	138	136	128	135	135	
SCB3	GT32	122	134	116	130	82	74	70	73	69	73	74	73	73	72	68	73	77	110	147	144	129	142	144	
SCB3	GT33	120	130	112	127	103	71	70	69	68	69	69	70	71	69	67	69	73	80	145	142	128	141	141	
SCB3	ST3A	208	216	204	203	191	154	151	154	150	150	149	149	151	151	150	146	154	175	222	215	219	219	220	
SGRI	GT11	98	97	100	104	101	102	104	104	100	104	104	105	106	99	101	104	108	104	107	109	110	110	135	
SGRI	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SGRI	ST14	60	62	62	60	63	64	65	62	63	63	64	62	63	62	63	62	60	64	61	63	64	64	74	
SGRI	GT21	96	100	100	101	101	104	104	105	101	103	103	102	105	101	101	100	104	104	104	108	110	109	113	
SGRI	GT22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

