

#### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,747 MW
Hydro	2,135 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,882 MW</b>
<b>Total IPP</b>	<b>13,145 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>19,309 MW</b>

#### Generation Mix

Type	MWh	Percentage
Gas	75,188	21.57 %
Hydro	26,568	7.62 %
<b>Total TNB</b>	<b>101,756</b>	<b>29.20 %</b>
ST-Coal	152,942	43.88 %
Gas	91,546	26.27 %
<b>Total IPP</b>	<b>244,488</b>	<b>70.15 %</b>
Co-Gen	519	0.15 %
<b>Total Co-Gen</b>	<b>519</b>	<b>0.15 %</b>
<b>Total Generation</b>	<b>346,763</b>	<b>99.49 %</b>
PLTG	-463	-0.13 %
HVDC	-1,313	-0.38 %
<b>Interconnection</b>	<b>-1,776</b>	<b>-0.51 %</b>
<b>Net Energy</b>	<b>348,539</b>	<b>100.00 %</b>

#### 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:	14:30:00 Hour
Total Set On Bus	17,597 MW
TNB Generation	4,987 MW
IPP Generation	11,553 MW
Spinning Reserve	1,035 MW
Maximum Demand	16,697 MW
Net Energy	348,539 MWH
Load Factor	86.98 %

#### Fuel Cost

Total Cost:	46,442,781.95 RM
Cost per Unit	14.51 cents/kWH

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	835
Hydro	306
Syncon	0
Thermal	78
<b>Total</b>	<b>1,219</b>

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

#### 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	13716	13069	12547	12260	12081	12070	12034	11835	12577	14336	15429	16000	15939	15639	16374	16677	16614	16067	15182	14918	15610	16015	15668	15265

#### Gas Usage

Station	(mmscfd)
CBPS	59
GLGR	52
PAKA	184
PGGS	7
PGPS	52
SRDG	24
TJGS	211
<b>Total TNB</b>	<b>589</b>
CBPS	54
KLPP	95
MPSS	51
NPRI	141
PDPS	10
PGLA	106
PKLG	6
PLPS	73
PTEK	19
SGRI	139
<b>Total IPP</b>	<b>693</b>
<b>Total Gas</b>	<b>1,282</b>

#### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

<b>Total Gas Required</b>	<b>1,282</b>
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## 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	696	697	696	697	696	698	697	699	698	698	699	697	701	697	697	698	698	697	697	697	697	697	697	697	697
JMAH	U002	704	703	704	703	702	705	703	703	703	703	706	702	701	705	705	700	706	701	705	702	706	701	703	703	704
JMJG	U001	593	596	595	594	593	593	594	594	595	592	595	594	594	593	587	596	591	596	620	647	645	642	645	644	645
JMJG	U002	682	682	681	681	682	678	679	679	678	678	679	682	678	679	679	679	672	680	678	681	679	678	681	680	677
JMJG	U003	591	590	590	595	593	590	590	590	590	592	589	590	589	592	594	590	590	590	593	590	590	592	596	596	592
JMJG	U004	783	783	786	783	785	782	785	786	783	785	783	785	785	785	786	787	785	785	841	854	946	954	957	955	952
PKLG	U003	284	284	285	279	281	289	282	285	283	281	279	283	283	285	283	287	283	283	279	283	283	279	281	281	281
PKLG	U004	282	282	282	283	282	282	254	320	225	248	279	279	281	281	282	282	281	281	280	280	280	280	280	280	280
PKLG	U005	465	466	463	466	463	463	463	462	460	460	463	466	466	466	466	466	466	462	466	466	462	462	466	465	460
PKLG	U006	470	470	471	470	471	470	470	470	470	470	470	470	470	470	470	470	469	470	472	472	472	472	468	468	470
TBIN	U001	688	697	701	695	697	699	898	701	701	699	698	700	697	703	695	699	699	699	699	701	695	702	693	697	695
Total ST-Coal		6218	6250	6254	6246	6245	6249	6215	6289	6188	6203	6238	6247	6242	6254	6247	6261	6241	6252	6327	6373	6453	6456	6474	6469	6459
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
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
CBPS	GT1A	97	97	97	97	88	89	88	88	88	88	88	88	88	88	88	88	88	88	97	98	97	97	96	96	95
CBPS	GT1B	97	97	97	97	88	88	88	88	88	88	88	88	88	88	88	88	88	88	97	98	97	97	96	96	95
CBPS	ST1C	101	101	101	101	92	90	89	88	88	87	87	87	87	88	99	101	100	100	100	100	101	98	97	96	93
CBPS	BLK2	367	368	366	369	366	369	368	344	368	368	350	276	277	322	258	257	352	358	357	357	357	357	358	359	357
GLGR	GT01	105	105	67	67	66	70	69	69	68	68	67	68	67	69	68	68	68	68	90	107	107	106	104	102	103
GLGR	GT02	105	106	67	68	68	68	68	69	68	68	68	68	68	68	68	91	107	106	106	105	103	104	67	68	68
GLGR	ST1C	95	94	76	70	70	70	70	70	70	70	70	70	70	69	79	96	97	96	96	94	93	72	71	72	91
KLPP	GT13	141	136	136	136	103	69	70	70	69	69	69	70	71	70	72	100	141	138	137	140	140	142	140	140	141
KLPP	GT14	64	57	0	0	0	0	0	0	0	0	0	0	0	0	14	74	92	92	154	154	156	156	156	156	156
KLPP	GT15	153	148	152	152	115	78	78	79	79	79	79	78	78	79	80	85	110	153	153	151	153	154	154	155	155
KLPP	ST17	202	178	135	130	118	94	91	91	90	90	90	90	90	91	94	93	167	200	204	205	205	203	203	203	204
MPSS	GT01	107	107	107	107	90	91	93	91	91	91	91	91	91	92	91	88	105	104	101	101	102	102	101	101	102
MPSS	GT02	107	107	6	6	0	0	0	0	0	0	0	0	0	0	0	0	107	105	102	100	102	101	101	101	102
MPSS	ST01	113	113	51	52	41	41	41	40	41	41	41	41	41	41	42	41	43	92	111	111	108	109	109	109	110
NPRJ	BLK1	511	490	477	473	465	443	478	379	400	424	377	368	365	382	329	329	514	514	508	512	503	497	506	500	391
NPRJ	BLK2	515	491	481	474	465	450	479	376	401	490	377	362	365	382	327	328	511	505	509	500	506	498	504	499	394
PAKA	GT1A	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	61	59	64	66	65	65
PAKA	ST1C	0	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	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	86	86	86	84	84	84	84	84	85	85
PAKA	GT2B	91	91	91	91	91	91	91	91	91	91	92	91	92	91	92	91	91	91	91	91	90	89	88	88	88
PAKA	ST2C	90	89	89	89	89	89	89	89	89	89	89	89	90	90	90	90	90	90	90	90	90	90	90	90	90
PAKA	GT3A	89	88	88	88	88	87	88	88	88	88	88	88	88	88	88	88	88	88	87	87	87	87	87	87	87
PAKA	GT3B	87	87	88	88	88	87	87	87	87	88	88	88	88	87	87	86	85	85	85	83	84	83	83	83	84
PAKA	ST3C	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	88	88	88	87	87	87	87	87	87	87
PAKA	GT4A	95	95	94	95	95	94	95	95	95	95	95	95	95	94	95	95	93	94	94	95	94	93	93	93	93
PAKA	GT4B	82	82	82	82	82	82	82	81	82	82	82	82	82	81	81	81	81	81	80	80	80	80	80	80	80
PAKA	ST4C	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	90	90	90	90	90	90
PGLA	CT11	228	228	224	231	215	219	223	158	161	168	160	160	158	159	161	158	176	184	159	157	156	155	150	158	183
PGLA	CT12	229	229	222	231	214	216	223	158	160	169	161	160	159	160	160	159	175	184	160	158	156	157	190	157	183
PGLA	ST10	247	245	245	238	246	242	246	200	200	202	200	200	198	198	198	198	200	225	199	201	201	196	214	197	221
PGPS	GT3A	96	96	97	96	97	83	83	82	83	83	82	82	83	83	83	76	76	94	95	94	90	93	92	91	92
PGPS	GT3B	95	96	95	95	96	83	84	83	83	83	84	83	84	83	84	83	84	94	94	94	90	93	92	91	92



