

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,289 MW
Hydro	2,509 MW
Distillate	0 MW
Total TNB	5,798 MW
Total IPP	14,890 MW
Total Co-Gen	30 MW
Total System	20,718 MW

### Generation Mix

Type	MWh	Percentage
Gas	54,901	16.02 %
Hydro	18,240	5.32 %
<b>Total TNB</b>	<b>73,141</b>	<b>21.35 %</b>
ST-Coal	169,988	49.61 %
ST-Oil	5,167	1.51 %
Gas	94,990	27.72 %
<b>Total IPP</b>	<b>270,145</b>	<b>78.84 %</b>
Co-Gen	692	0.20 %
<b>Total Co-Gen</b>	<b>692</b>	<b>0.20 %</b>
<b>Total Generation</b>	<b>343,978</b>	<b>100.39 %</b>
PLTG	621	0.18 %
HVDC	729	0.21 %
<b>Interconnection</b>	<b>1,350</b>	<b>0.39 %</b>
<b>Net Energy</b>	<b>342,628</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	17,692 MW
TNB Generation	3,690 MW
IPP Generation	12,681 MW
Spinning Reserve	1,292 MW
Maximum Demand	16,319 MW
Net Energy	342,628 MWH
Load Factor	87.48 %

### Fuel Cost

Total Cost:	57,040,585.00 RM
Cost per Unit	17.51 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	230
Hydro	459
Syncon	681
Thermal	168
<b>Total</b>	<b>1,538</b>

### Time Weather Temperature

Afternoon	Hot	35
Morning	Cloudy	0

### Gas Usage

Station	(mmscfd)
CBPS	49
GLGR	55
PAKA	152
PGPS	44
SRDG	14
TJGS	119
<b>Total TNB</b>	<b>432</b>
CBPS	56
KLPP	99
MPSS	40
NPRI	155
PDPS	9
PGLA	101
PLPS	82
PTEK	17
SGRI	144
<b>Total IPP</b>	<b>704</b>
<b>Total Gas</b>	<b>1,136</b>
<b>Total Gas Required</b>	<b>1,188</b>

### Alternate Fuel Usage

Station	(mmscfd)
PKLG	51
<b>Total</b>	<b>51</b>

### 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	13762	13006	12691	12223	12067	11797	12151	12255	12526	14301	15181	15819	15773	15438	16098	16246	16016	15639	14742	14632	15459	15274	14798	14276



### 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																											
PLPS	GT11	128	128	129	124	127	123	128	129	128	127	131	128	129	131	128	123	130	127	122	133	130	130	128	122	112	117	147	147	145	146	148	152	150	150	149	145	144	150	149	141	138	136	99	66	66	70	64				
PLPS	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	144	133	131	127	115	119	140	141	140	140	142	144	144	143	143	139	140	138	142	143	143	140	135	111	64	65	68	67			
PLPS	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	150	146	146	126	124	120	108	113	146	144	144	146	149	148	148	147	142	139	143	146	148	141	138	137	105	63	64	67	0			
PLPS	ST18	60	59	59	59	58	58	60	59	58	58	60	59	59	60	59	61	56	140	141	209	205	201	207	197	196	213	212	211	211	211	212	212	212	212	209	212	209	212	211	209	210	207	195	142	133	142	93				
SGRI	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	138	138	138	131	128	120	114	115	135	137	137	136	136	131	113	120	118	113	115	113	125	141	131	113	113	106	69	68	68	0		
SGRI	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	140	134	130	121	116	116	141	144	144	144	143	134	117	122	116	116	117	128	121	149	135	117	115	114	70	70	70	70			
SGRI	GT13	113	108	109	109	109	110	109	108	108	109	115	108	112	112	113	109	113	111	112	116	135	129	128	119	112	114	132	133	133	133	133	132	113	118	116	114	112	109	119	139	129	113	110	110	68	68	68	63			
SGRI	ST14	66	67	66	60	64	65	64	66	66	64	65	65	64	67	64	67	66	67	138	146	215	213	211	208	202	203	219	220	218	217	218	214	200	201	205	196	196	200	203	215	210	197	193	190	150	150	148	128			
SGRI	GT21	66	66	66	65	65	65	65	64	64	65	65	65	65	114	113	109	116	109	124	135	133	134	134	123	112	112	134	133	131	132	129	112	120	113	113	112	106	124	137	121	112	108	104	140	116	138	138				
SGRI	GT22	72	70	72	70	70	70	71	71	70	71	71	121	119	115	120	115	130	139	139	140	139	128	117	117	138	138	138	138	139	139	138	117	127	120	116	116	112	131	144	128	116	112	114	142	123	145	143				
SGRI	ST24	100	100	99	100	100	98	100	101	99	98	98	99	99	135	132	132	136	134	142	151	149	148	148	143	135	134	144	146	146	146	149	146	134	140	137	133	133	132	143	146	140	131	131	126	144	135	147	150			
TJGS	GT1B	186	192	204	201	201	201	197	199	93	97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
TJGS	GT2A	215	215	215	215	215	215	215	215	215	202	188	215	224	224	224	224	224	222	222	222	222	220	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	220	220	220	217	217	224	224		
TJGS	GT2B	210	210	210	210	210	210	210	210	198	185	210	222	222	222	222	222	222	222	222	222	219	219	219	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	219	219	219	219	219	216	216	220	220			
TJGS	ST2C	255	255	255	255	255	255	255	255	255	255	230	256	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	258	264	264			
Total CCGT-Gas		5483	5299	5074	4856	4736	4616	4648	4603	4609	4439	4319	4443	4666	4863	4804	4775	5049	5626	6380	6702	6967	6953	6922	6850	6726	6772	7054	7069	7160	7166	7159	7135	7024	7074	7046	6994	6997	7002	7109	7049	6960	6845	6811	6660	6462	6385	6489	6266			
PDPS	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	109	109	109	109	40	0	0		
PDPS	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
PDPS	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
PTEK	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PTEK	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	0	
PTEK	GT2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	108	108	109	99	100	100	61	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 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	0		
BSIA	HY02	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
CEND	HY01	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
CEND	HY02	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
CEND	HY03	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
HTRG	HY01	0	0	0																																																

