

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,574 MW
Hydro	2,307 MW
Distillate	0 MW
<b>Total TNB</b>	<b>4,881 MW</b>
<b>Total IPP</b>	<b>14,204 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>19,649 MW</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:	15:30:00 Hour
Total Set On Bus	17,716 MW
TNB Generation	3,519 MW
IPP Generation	12,820 MW
Spinning Reserve	1,303 MW
Maximum Demand	16,448 MW
Net Energy	345,030 MWH
Load Factor	87.40 %

### Gas Usage

Station	(mmscfd)
CBPS	47
GLGR	53
PAKA	95
PGPS	26
SRDG	19
TJGS	105
<b>Total TNB</b>	<b>346</b>
CBPS	57
KLPP	99
MPSS	50
NPRI	150
PDPS	9
PGLA	114
PKLG	4
PLPS	89
PTEK	27
SGRI	164
SKSP	51
<b>Total IPP</b>	<b>813</b>
<b>Total Gas</b>	<b>1,159</b>
<b>Total Gas Required</b>	<b>1,159</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
Gas	43,154	12.51 %
Hydro	16,254	4.71 %
<b>Total TNB</b>	<b>59,408</b>	<b>17.22 %</b>
ST-Coal	176,573	51.18 %
Gas	108,037	31.31 %
<b>Total IPP</b>	<b>284,610</b>	<b>82.49 %</b>
Co-Gen	1,790	0.52 %
<b>Total Co-Gen</b>	<b>1,790</b>	<b>0.52 %</b>
<b>Total Generation</b>	<b>345,808</b>	<b>100.23 %</b>
PLTG	54	0.02 %
HVDC	724	0.21 %
<b>Interconnection</b>	<b>778</b>	<b>0.23 %</b>
<b>Net Energy</b>	<b>345,030</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	55,947,027.55 RM
Cost per Unit	16.97 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	396
Hydro	360
Syncon	611
Thermal	152
<b>Total</b>	<b>1,519</b>

### Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	26

### 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	13847	13174	12739	12425	12100	11929	12203	12207	12613	14224	15065	15842	15887	15438	15718	16322	16407	15966	14874	14785	15640	15399	14981	14643



### Daily MW Generation on Friday

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																											
SGRI	GT11	0	0	0	0	0	0	0	0	0	0	41	142	137	135	136	136	137	137	135	107	112	115	108	108	137	135	134	135	135	135	135	136	137	136	136	137	137	137	137	138											
SGRI	GT12	145	145	140	137	119	112	112	114	69	71	71	70	70	70	70	73	119	115	116	141	141	144	144	141	141	116	120	122	115	116	120	141	141	141	141	141	142	142	143	143	144	144	144	144	144	144					
SGRI	GT13	134	134	134	127	111	103	103	106	65	64	62	62	65	65	115	114	115	135	136	136	135	135	134	115	117	118	112	114	132	133	133	134	134	134	135	134	134	134	134	136	136	135	135	136							
SGRI	ST14	166	152	151	145	138	135	128	132	102	103	103	101	101	104	104	100	101	143	193	201	222	218	219	217	217	199	200	206	199	200	200	218	220	220	220	220	219	219	218	220	218	218	219	218	218	221					
SGRI	GT21	118	111	110	121	111	107	107	111	65	65	65	65	65	65	66	70	115	111	111	132	115	133	133	112	124	110	132	132	110	129	131	111	110	119	107	110	105	113	132	132	132	132	133	133	133	133	133				
SGRI	GT22	123	111	117	128	112	107	104	109	71	71	71	70	70	70	71	70	77	117	111	113	138	119	139	138	118	127	112	138	138	112	137	136	111	112	122	109	110	107	114	138	138	138	138	139	139	139	139	139			
SGRI	ST24	137	131	132	139	133	128	131	131	105	100	102	100	103	102	101	100	100	134	129	135	151	134	145	148	141	147	132	144	144	130	146	147	133	133	139	130	136	130	134	148	147	147	147	145	145	145	145	145			
SKSP	BLK1	247	248	219	218	218	218	218	216	215	219	218	218	216	221	216	217	217	298	298	299	298	298	297	297	296	297	299	298	298	297	298	298	298	298	298	297	299	298	297	297	315	318	317	316	320	318	340	282	303		
TJGS	GT1A	217	187	225	219	217	208	193	194	204	198	176	180	210	219	186	184	229	216	204	205	218	222	225	234	213	211	196	220	228	228	178	224	226	186	180	211	168	183	173	203	220	232	232	237	231	231	236	233			
TJGS	GT1B	209	177	211	211	210	199	180	189	193	187	169	174	199	207	187	175	210	207	192	197	205	211	215	214	201	202	186	211	216	168	212	209	178	172	197	157	172	161	195	210	215	218	218	214	220	215	214	215			
TJGS	ST1C	241	236	242	242	242	234	219	216	223	219	209	209	231	238	223	213	235	246	225	234	248	241	256	257	243	243	236	246	252	212	252	246	232	206	225	206	223	198	218	247	247	251	250	250	253	247	239	246			
Total CCGT-Gas		5974	5635	5515	5395	5141	5026	4830	4775	4603	4508	4410	4462	4665	4855	4619	4572	4941	5688	6087	6584	6872	6840	6924	6967	6809	6832	6651	6803	6858	6581	6765	6782	6734	6689	6809	6598	6729	6611	6794	6988	7043	7045	7020	7029	7003	6819	6527	6319			
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	108	108	107	107	108	108	108	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	101	105	106	108	107	107	108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PKLG	GT09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99	98	98	98	99	99	102	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	98	108	108	67	64	69	80	109	108	109	108	109	108	109	108	109	31	98	99	99	18	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
PTEK	GT2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	121	127	127	121	121	122	121	122	121	122	122	91	121	124	124	122	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	121	89	89	88	123	125	124	125	125	125	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	161	251	439	292	287	296	316	873	885	882	879	881	880	885	320	231	122	219	223	223	140	0	0	0	0	0	0			
BSIA	HY03	23	23	23	23	23	23	23	23	23	23	23	23	23	12	12	12	12	12	13	13	12	12	12	12	10	9	10	9	10	11	12	12	11	12	11	12	11	12	11	12	12	12	12	12	11	11	11	11	11		
CEND	HY01	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
CEND	HY02	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
CEND	HY04	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
HTRG	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
HTRG	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KNRG	HY02	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37		
KNRG	HY03	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	
KNYR	HY01	92	58	60	58	57	55	53	53	56	57	56	56	57	60	58	58	70	66	60	60	104	102	104	104	104	104	101	101	104	99	100	100	99	99	102	96	99	93	100	103	103	103	100	103	99	96	95	97	97		
KNYR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	101	101	104	103	104	104	104	104	102	102	104	101	101	101	100	100	103	97	100	95	101	104	104	104	101	104	101	97	97	98	98	98		
KNYR	HY04	104	-1	-1	-1																																															

