

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,497 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,299 MW</b>
<b>Total IPP</b>	<b>16,910 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>22,781 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	39,145	10.47 %
Hydro	7,755	2.08 %
<b>Total TNB</b>	<b>46,900</b>	<b>12.55 %</b>
ST-Coal	212,551	56.87 %
Gas	113,495	30.37 %
<b>Total IPP</b>	<b>326,046</b>	<b>87.24 %</b>
Co-Gen	1,590	0.43 %
<b>Total Co-Gen</b>	<b>1,590</b>	<b>0.43 %</b>
<b>Total Generation</b>	<b>374,536</b>	<b>100.22 %</b>
PLTG	87	0.02 %
HVDC	728	0.19 %
<b>Interconnection</b>	<b>815</b>	<b>0.22 %</b>
<b>Net Energy</b>	<b>373,721</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 6/6/2018	18,010 MW
Date: 6/7/2018	382,778 MWH

### Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	18,630 MW
TNB Generation	2,621 MW
IPP Generation	14,598 MW
Spinning Reserve	1,350 MW
Maximum Demand	17,266 MW
Net Energy	373,721 MWH
Load Factor	90.19 %

### Fuel Cost

Total Cost:	64,240,269.96 RM
Cost per Unit	17.51 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	496
Hydro	435
Syncon	806
Thermal	84
<b>Total</b>	<b>1,821</b>

### Time Weather Temperature

Afternoon	Hot	34
Morning	Cloudy	28

### Gas Usage

Station	(mmscfd)
GLGR	48
PGPS	17
TJGS	214
<b>Total TNB</b>	<b>279</b>
CBPS	53
KLPP	94
NPRI	158
PGLA	110
PLPS	90
SGRI	134
SKSP	48
YPKA	78
<b>Total IPP</b>	<b>766</b>
<b>Total Gas</b>	<b>1,044</b>
<b>Total Gas Required</b>	<b>1,044</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</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	15913	15159	14662	14242	13846	13762	13607	13406	13674	15154	15847	16595	16599	16240	16501	17185	17208	16871	15947	15758	16422	16594	16256	15963





### 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																										
PCUF	CUFK	29	41	41	38	41	40	40	40	40	39	40	41	40	39	40	40	41	38	38	38	39	39	37	36	35	37	37	38	38	36	37	35	36	35	36	35	36	35	37	39	39									
Total Co-Gen		60	71	69	66	70	70	69	70	70	69	71	73	72	70	71	70	71	67	67	66	61	62	64	62	62	61	61	60	61	61	63	63	60	64	62	63	61	65	64	64	65	67	68							
Total Gen		15986	15497	15211	14879	14697	14477	14266	14034	13845	13804	13828	13603	13625	13705	13504	13336	13760	14489	15247	15756	15799	16345	16545	16745	16595	16373	16268	16367	16575	17018	17231	17280	17241	17154	16924	16320	16008	15790	15823	16021	16461	16671	16612	16602	16317	16247	16026	15826		
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TIE-HVDC		30	30	30	30	31	31	30	30	30	30	30	31	31	30	30	31	31	30	30	30	30	30	31	31	31	31	30	30	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
TIE-PLTG		43	-28	23	6	5	21	-6	15	-31	12	36	-48	-13	-13	68	41	55	-37	63	-14	-78	-131	-79	-37	-34	-46	-3	11	43	-6	15	-17	3	77	22	17	31	20	35	-13	8	28	-13	48	31	-18	34	35		
Interconnection		73	2	52	36	35	52	24	45	-1	42	66	-17	18	18	98	71	86	-6	93	16	-48	-101	-50	-7	-4	-16	28	41	74	25	46	14	33	107	53	48	61	50	65	16	39	58	18	78	61	12	63	64		
System Total		15913	15495	15159	14843	14662	14425	14242	13989	13846	13762	13762	13620	13607	13687	13406	13265	13674	14495	15154	15740	15847	16446	16595	16752	16599	16389	16240	16326	16501	16993	17185	17266	17208	17047	16871	16272	15947	15740	15758	16005	16422	16613	16594	16524	16256	16235	15963	15762		
SRev ST-Coal		132	148	125	135	31	149	98	134	194	202	199	215	202	201	209	85	86	93	64	91	84	106	90	101	101	100	83	89	79	77	81	95	140	96	62	155	120	126	103	179	117	55	40	69	53	69	71	81		
SRev 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	0
SRev CCGT-Gas		643	620	655	924	1152	1333	1518	1714	1843	1876	1889	2067	2057	1976	2164	2344	1959	1316	968	734	674	527	385	313	564	722	818	692	512	398	410	267	372	456	536	606	667	751	776	761	517	374	474	479	480	538	542	516		
SRev 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
SRev Co-Gen		-31	-42	-40	-37	-41	-41	-40	-41	-41	-40	-42	-44	-43	-41	-42	-43	-41	-42	-41	-42	-41	-42	-38	-38	-37	-32	-33	-35	-33	-33	-32	-32	-31	-32	-32	-34	-34	-31	-35	-33	-34	-32	-36	-35	-35	-36	-38	-39		
Syncon		1097	1198	1349	1349	1372	1372	1349	1349	1349	1349	1349	1349	1349	1349	1072	1097	1097	1097	1097	921	921	921	921	921	921	921	1072	1223	1223	820	210	397	210	210	548	1072	1072	1223	1223	1223	1072	921	921	921	1072	1072	1072	1072		
Hydro		295	240	112	112	113	114	113	114	114	114	114	114	114	120	312	246	182	185	182	381	377	431	428	436	396	272	144	144	460	730	623	748	746	592	271	273	154	156	212	280	394	402	457	277	274	275	275			
S.Reserve Total		2136	2164	2201	2483	2627	2927	3038	3270	3459	3500	3509	3701	3679	3599	3800	3770	3346	2645	2273	2062	2019	1889	1789	1725	1985	2107	2212	2113	1925	1722	1399	1350	1439	1476	1706	2070	2105	2223	2223	2342	1952	1712	1801	1891	1847	1917	1922	1905		