

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,504 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,306 MW</b>
<b>Total IPP</b>	<b>17,604 MW</b>
<b>Total Co-Gen</b>	<b>60 MW</b>
<b>Total System</b>	<b>23,542 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	37,132	10.17 %
Hydro	12,522	3.43 %
<b>Total TNB</b>	<b>49,654</b>	<b>13.60 %</b>
ST-Coal	225,963	61.89 %
Gas	87,719	24.03 %
<b>Total IPP</b>	<b>313,682</b>	<b>85.91 %</b>
Co-Gen	1,385	0.38 %
<b>Total Co-Gen</b>	<b>1,385</b>	<b>0.38 %</b>
<b>Total Generation</b>	<b>364,721</b>	<b>99.89 %</b>
PLTG	305	0.08 %
HVDC	-697	-0.19 %
<b>Interconnection</b>	<b>-392</b>	<b>-0.11 %</b>
<b>Net Energy</b>	<b>365,113</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:	11:00:00 Hour
Total Set On Bus	18,262 MW
TNB Generation	2,887 MW
IPP Generation	13,667 MW
Spinning Reserve	1,654 MW
Maximum Demand	16,666 MW
Net Energy	365,113 MWH
Load Factor	91.28 %

### Fuel Cost

Total Cost:	59,000,672.98 RM
Cost per Unit	17.28 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	626
Hydro	260
Syncon	1,081
Thermal	132
<b>Total</b>	<b>2,099</b>

### Time Weather Temperature

Afternoon	Hot	34
Morning	Sunny	28

### Gas Usage

Station	(mmscfd)
GLGR	46
PGPS	24
TJGS	199
<b>Total TNB</b>	<b>269</b>
CBPS	54
KLPP	81
NPRI	136
PGLA	103
PLPS	60
SGRI	46
SKSP	2
YPKA	70
<b>Total IPP</b>	<b>551</b>
<b>Total Gas</b>	<b>820</b>
<b>Total Gas Required</b>	<b>820</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	15856	15241	14607	14234	14021	13768	13676	13266	13730	15239	16192	16666	16503	16132	16319	16369	16241	15740	15010	14734	15514	15628	15393	14876





### Daily MW Generation on Wednesday

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																											
Total Gen		15895	15589	15243	14976	14564	14333	14208	14166	14006	13857	13745	13598	13639	13623	13267	13241	13702	14604	15200	15734	16139	16475	16609	16519	16545	16285	16089	16174	16285	16452	16363	16349	16278	16195	15772	15409	14981	14718	14724	15047	15482	15651	15603	15589	15387	15157	14899	14755			
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	0	0	
TIE-HVDC		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	
TIE-PLTG		67	43	30	8	-15	-13	1	2	13	3	4	-7	-9	-31	28	7	1	23	-12	11	-25	-12	-28	18	69	43	-16	-6	-6	-14	23	48	65	18	60	3	-1	-7	18	20	-3	20	3	19	22	53	53	23			
Interconnection		38	14	1	-21	-44	-43	-27	-26	-16	-25	-24	-36	-38	-60	0	-22	-29	-7	-40	-18	-54	-42	-58	-12	41	14	-44	-35	-35	-42	-7	18	36	-11	31	-25	-30	-37	-11	-10	-33	-10	-26	-11	-7	24	23	-7			
System Total		15856	15574	15241	14996	14607	14375	14234	14191	14021	13881	13768	13656	13676	13682	13266	13262	13730	14610	15239	15751	16192	16516	16666	16530	16503	16270	16132	16208	16319	16493	16369	16330	16241	16205	15740	15433	15010	14776	14734	15056	15514	15660	15628	15599	15393	15133	14876	14762			
SRev ST-Coal		136	132	137	139	143	98	74	81	71	75	75	66	59	75	57	75	93	79	99	249	246	231	157	46	212	71	87	74	96	74	78	165	124	158	156	170	148	150	142	213	98	86	81	79	79	80	105	146			
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	0
SRev CCGT-Gas		1060	1076	1069	1007	1190	1165	1162	1176	1343	1485	1597	1749	1724	1665	2002	2078	1689	1108	990	979	696	523	434	765	874	1029	1034	903	779	593	554	339	640	687	922	1367	1581	1422	947	552	355	415	471	364	522	754	813	823			
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	0
SRev Co-Gen		2	3	0	0	-1	-1	-1	-1	1	5	1	6	4	6	4	3	3	4	4	2	3	10	6	5	4	6	6	5	6	6	2	5	2	2	2	1	1	1	0	0	0	0	-2	-2	-1	-2	-1	0			
Syncon		651	651	651	651	886	886	971	992	1122	1122	1122	971	820	1122	1122	1122	953	802	953	953	953	802	777	928	1079	1163	1264	1349	1349	1349	1198	1349	1349	1349	1349	1349	1198	1349	1349	1097	946	946	1047	1047	896	1047	1198				
Hydro		180	182	183	178	169	165	97	97	98	97	101	228	347	102	141	104	131	166	287	154	157	224	255	416	292	466	258	217	172	170	171	296	172	173	178	170	169	299	167	168	297	381	380	364	407	405	277	145			
S.Reserve Total		2029	2044	2040	1975	2387	2313	2303	2345	2635	2784	2896	3020	2954	2970	3326	3382	3038	2310	2182	2337	2055	1941	1654	2009	2310	2651	2548	2463	2402	2192	2154	2003	2287	2369	2607	3057	3248	3070	2605	2282	1847	1828	1876	1852	2054	2133	2241	2312			