

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,094 MW
Hydro	2,372 MW
Distillate	0 MW
<b>Total TNB</b>	<b>4,466 MW</b>
<b>Total IPP</b>	<b>15,736 MW</b>
<b>Total Co-Gen</b>	<b>85 MW</b>
<b>Total System</b>	<b>20,859 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	20,504	6.36 %
Hydro	14,137	4.39 %
<b>Total TNB</b>	<b>34,641</b>	<b>10.75 %</b>
ST-Coal	218,565	67.84 %
Gas	66,244	20.56 %
<b>Total IPP</b>	<b>284,809</b>	<b>88.40 %</b>
Co-Gen	1,991	0.62 %
<b>Total Co-Gen</b>	<b>1,991</b>	<b>0.62 %</b>
<b>Total Generation</b>	<b>321,441</b>	<b>99.77 %</b>
PLTG	-52	-0.02 %
HVDC	-695	-0.22 %
<b>Interconnection</b>	<b>-747</b>	<b>-0.23 %</b>
<b>Net Energy</b>	<b>322,188</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 4/12/2018	17,997 MW
Date: 4/12/2018	380,797 MWH

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

Daily Maximum Demand Hour at:	21:30:00 Hour
Total Set On Bus	16,623 MW
TNB Generation	2,372 MW
IPP Generation	12,913 MW
Spinning Reserve	1,256 MW
Maximum Demand	15,426 MW
Net Energy	322,188 MWH
Load Factor	87.03 %

### Fuel Cost

Total Cost:	53,049,872.67 RM
Cost per Unit	17.26 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	521
Hydro	304
Syncon	852
Thermal	127
<b>Total</b>	<b>1,804</b>

### Time Weather Temperature

Afternoon	Sunny	34
Morning	Sunny	28

### Gas Usage

Station	(mmscfd)
GLGR	46
TJGS	103
<b>Total TNB</b>	<b>149</b>
CBPS	54
KLPP	61
NPRI	64
PGLA	53
PLPS	79
PTEK	8
SGRI	45
YPKA	59
<b>Total IPP</b>	<b>424</b>
<b>Total Gas</b>	<b>573</b>
<b>Total Gas Required</b>	<b>573</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	14229	13485	12963	12675	12484	12465	12344	11806	11405	12059	12761	13298	13447	13477	13808	13953	13915	13674	13582	13980	14950	15316	15186	14944





### Daily MW Generation on Sunday

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																									
TIE-PLTG		-13	-39	-29	10	17	75	-39	-9	1	-13	11	-17	-32	-25	2	-41	-3	3	-5	-10	15	75	-20	-24	-23	-11	-40	4	-31	18	-38	-21	5	-2	35	3	23	0	50	11	30	-27	12	-31	-17	-3	46	10	
Interconnection		-42	-68	-58	-19	-12	47	-68	-37	-28	-42	-17	-45	-61	-53	-27	-70	-33	-26	-34	-39	-14	45	-49	-53	-52	-40	-70	-25	-60	-11	-67	-50	-24	-32	6	-26	-6	-29	21	-19	3	-55	-16	-59	-47	-32	17	-18	
System Total		14229	13881	13485	13086	12963	12649	12675	12494	12484	12523	12465	12428	12344	12150	11806	11349	11405	11736	12059	12404	12761	13077	13298	13387	13447	13325	13477	13581	13808	13839	13953	13865	13915	13874	13674	13540	13582	13664	13980	14533	14950	15293	15316	15426	15186	15157	14944	14620	
SRev ST-Coal		92	254	80	87	140	169	313	508	477	240	247	346	443	437	548	562	365	273	244	156	111	162	127	117	149	136	127	175	146	-30	94	158	180	219	231	140	168	158	159	220	90	104	184	137	148	155	150	168	
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	75	7	9	7	4	3	2	58	0
SRev CCGT-Gas		1101	1086	1288	1095	1163	1298	1077	1005	1122	1016	947	928	886	1087	1067	1140	1209	1053	1007	834	668	461	393	511	494	731	807	626	741	683	666	671	526	527	696	676	780	733	459	371	411	269	224	258	300	239	242	315	
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
SRev Co-Gen		-1	-1	0	1	3	1	0	1	-1	1	1	-1	-2	-1	-2	-3	0	-2	-2	5	4	7	4	1	6	7	3	7	5	4	2	3	5	5	4	6	5	5	4	2	3	0	1	3	1	1	2	1	
Syncon		1072	1072	1223	1223	1223	1223	1223	1072	971	1122	1122	1122	935	784	935	748	935	935	935	935	935	971	971	971	971	1122	1122	1122	971	1122	1122	1122	1122	971	971	1122	1122	935	784	446	362	362	362	362	362	362	736		
Hydro		246	246	116	117	122	133	89	216	336	182	193	129	173	319	180	270	194	202	199	204	197	331	340	320	239	203	150	199	251	205	83	84	89	88	221	206	85	83	203	214	504	522	490	492	701	670	670	514	
S.Reserve Total		2510	2657	2707	2523	2651	2824	2702	2802	2905	2561	2510	2524	2435	2626	2728	2717	2703	2461	2383	2134	1915	1932	1835	1920	1859	2199	2209	2129	2114	1984	1967	2038	1922	1961	2123	1999	2160	2101	1760	1666	1461	1266	1268	1256	1515	1429	1484	1734	