

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,369 MW
Hydro	2,290 MW
Distillate	0 MW
<b>Total TNB</b>	<b>4,659 MW</b>
<b>Total IPP</b>	<b>13,386 MW</b>
<b>Total Co-Gen</b>	<b>57 MW</b>
<b>Total System</b>	<b>18,666 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	39,618	13.23 %
Hydro	11,672	3.90 %
<b>Total TNB</b>	<b>51,290</b>	<b>17.13 %</b>
ST-Coal	174,549	58.31 %
Gas	71,440	23.86 %
<b>Total IPP</b>	<b>245,989</b>	<b>82.17 %</b>
Co-Gen	1,092	0.36 %
<b>Total Co-Gen</b>	<b>1,092</b>	<b>0.36 %</b>
<b>Total Generation</b>	<b>298,371</b>	<b>99.67 %</b>
PLTG	-303	-0.10 %
HVDC	-695	-0.23 %
<b>Interconnection</b>	<b>-998</b>	<b>-0.33 %</b>
<b>Net Energy</b>	<b>299,369</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 10/23/2017	17,790 MW
Date: 4/20/2016	372,457 MWH

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

Daily Maximum Demand Hour at:	19:30:00 Hour
Total Set On Bus	15,140 MW
TNB Generation	2,906 MW
IPP Generation	10,840 MW
Spinning Reserve	1,349 MW
Maximum Demand	13,844 MW
Net Energy	299,369 MWH
Load Factor	90.10 %

### Fuel Cost

Total Cost:	51,657,008.69 RM
Cost per Unit	18.01 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	424
Hydro	327
Syncon	987
Thermal	145
<b>Total</b>	<b>1,883</b>

### Time Weather Temperature

Afternoon	Hot	35
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	13161	12664	12281	11865	11682	11375	11500	11223	10958	11684	12340	12681	12719	12636	12719	12767	12673	12456	12415	13365	13832	13716	13431	13083

### Gas Usage

Station	(mmscfd)
GLGR	51
PGPS	23
TJGS	211
<b>Total TNB</b>	<b>285</b>
CBPS	50
KLPP	94
NPRI	78
PGLA	66
PLPS	91
SGB3	37
SKSP	21
YPKA	26
<b>Total IPP</b>	<b>463</b>
<b>Total Gas</b>	<b>748</b>
<b>Total Gas Required</b>	<b>748</b>

### Alternate Fuel Usage

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





### 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																											
Interconnection		-32	-78	-51	-104	8	6	-47	-16	-58	-23	-55	-1	-40	57	16	-35	3	-75	-67	-40	-41	-69	-77	-33	-16	-51	-20	-50	-50	-59	-58	-38	-5	-47	-41	-66	-40	-31	-45	-53	-34	-60	-51	-43	-47	-76	-57	-107			
System Total		13161	12926	12664	12391	12281	11998	11865	11720	11682	11536	11375	11359	11500	11426	11223	10959	10958	11429	11684	11989	12340	12563	12681	12828	12719	12653	12636	12700	12719	12772	12767	12686	12673	12728	12456	12420	12415	12561	13365	13844	13832	13771	13716	13710	13431	13321	13083	12857			
SRev ST-Coal		61	77	61	48	57	64	167	148	251	81	170	165	151	176	177	159	230	185	166	162	154	151	129	149	149	151	166	166	170	177	166	171	158	176	163	220	224	146	153	113	123	105	115	117	120	122	122	120			
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		650	620	713	854	716	1239	1335	1321	1238	1239	1295	1197	1100	1013	1146	1431	1306	825	594	574	419	257	344	176	264	365	335	600	634	526	558	544	490	458	686	565	834	792	273	181	225	435	387	383	528	663	807	863			
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		0	0	0	10	12	12	10	12	12	11	11	15	11	14	13	12	13	12	11	12	11	10	11	10	12	9	11	14	11	11	13	12	14	15	14	12	13	13	13	12	13	13	13	12	13	13	15	13	12	16	12
Syncon		1251	1352	1352	1352	1352	1201	1201	1201	1352	1352	1352	1352	1201	1201	1201	1352	1352	1352	1352	1201	1100	777	777	928	928	928	1163	1163	1163	1163	1163	1100	1251	1251	1352	1050	1352	999	697	697	848	999	999	999	999	1125	1125				
Hydro		195	186	190	120	122	263	259	257	124	120	91	105	249	233	256	276	137	143	132	138	272	303	550	549	425	426	425	238	184	241	247	247	315	164	190	134	444	183	308	346	408	282	215	243	252	255	220	242			
S.Reserve Total		2157	2235	2316	2384	2259	2779	2972	2939	2977	2803	2919	2834	2712	2637	2793	3079	3038	2517	2255	2238	2057	1821	1811	1661	1778	1879	1865	2181	2162	2118	2147	2137	2077	2064	2304	2283	2565	2486	1746	1349	1466	1683	1729	1757	1912	2051	2290	2362			