

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,372 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,174 MW</b>
<b>Total IPP</b>	<b>15,481 MW</b>
<b>Total Co-Gen</b>	<b>75 MW</b>
<b>Total System</b>	<b>21,302 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	38,671	10.93 %
Hydro	14,488	4.10 %
<b>Total TNB</b>	<b>53,159</b>	<b>15.03 %</b>
ST-Coal	198,495	56.11 %
Gas	99,886	28.23 %
<b>Total IPP</b>	<b>298,381</b>	<b>84.34 %</b>
Co-Gen	1,657	0.47 %
<b>Total Co-Gen</b>	<b>1,657</b>	<b>0.47 %</b>
<b>Total Generation</b>	<b>353,197</b>	<b>99.83 %</b>
PLTG	86	0.02 %
HVDC	-671	-0.19 %
<b>Interconnection</b>	<b>-585</b>	<b>-0.17 %</b>
<b>Net Energy</b>	<b>353,782</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	17,764 MW
TNB Generation	2,736 MW
IPP Generation	13,605 MW
Spinning Reserve	1,360 MW
Maximum Demand	16,460 MW
Net Energy	353,782 MWH
Load Factor	89.56 %

### Fuel Cost

Total Cost:	59,823,567.79 RM
Cost per Unit	17.66 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	444
Hydro	425
Syncon	679
Thermal	88
<b>Total</b>	<b>1,636</b>

### Time Weather Temperature

Afternoon	Sunny	35
Morning	Sunny	24

### Gas Usage

Station	(mmscfd)
GLGR	49
PGPS	2
TJGS	217
<b>Total TNB</b>	<b>268</b>
CBPS	55
KLPP	91
PGLA	108
PLPS	92
PTEK	2
SGB3	34
SGRI	167
SKSP	56
YPKA	79
<b>Total IPP</b>	<b>684</b>
<b>Total Gas</b>	<b>952</b>

### Alternate Fuel Usage

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

**Total Gas Required 952**

### 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	14362	13737	13361	12896	12771	12797	12903	12679	13047	14488	15267	15822	15797	15462	15766	16329	16368	16052	15379	15290	15681	15890	15628	15316





### 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	28	40	40	39	40	41	40	41	40	42	39	41	42	41	41	39	39	40	40	39	39	35	32	34	33	32	33	32	33	35	35	35	34	35	34	34	33	33	32	37	41	39	40	42	39	41	41				
Total Co-Gen		61	73	73	72	72	74	74	74	73	75	73	75	74	72	73	74	72	71	66	60	62	61	59	59	60	60	63	63	64	63	64	64	64	66	65	64	71	75	72	73	74	72	75	75							
Total Gen		14346	14073	13704	13471	13352	13087	12883	12834	12746	12785	12718	12743	12821	12734	12603	12554	13059	13949	14431	14917	15242	15654	15819	15921	15812	15663	15500	15629	15770	16195	16284	16404	16365	16217	16050	15598	15371	15162	15267	15503	15658	15966	15847	15818	15611	15565	15301	15118			
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		
TIE-HVDC		-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-30	-29	-29	-28	-28	-28	-29	-29	-29	-30	-30	31	-30	-29	-29	-30	-29	-29	-29	-30	-30	-30	-30	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29	-34			
TIE-PLTG		13	-32	-4	6	19	-5	15	-7	4	-13	-50	-9	-53	-33	-46	38	42	10	-28	-39	4	-17	25	40	44	29	68	17	34	-3	-15	-27	26	7	27	-7	21	40	7	37	7	-4	-14	11	12	-6	14	-34			
Interconnection		-16	-61	-33	-23	-9	-34	-13	-36	-25	-43	-79	-37	-82	-63	-76	9	12	-19	-57	-67	-25	-45	-3	11	15	-1	38	-13	4	27	-45	-56	-3	-23	-2	-36	-8	9	-23	7	-23	-33	-43	-19	-17	-35	-15	-63			
System Total		14362	14134	13737	13494	13361	13121	12896	12870	12771	12828	12797	12780	12903	12797	12679	12545	13047	13968	14488	14984	15267	15699	15822	15910	15797	15664	15462	15642	15766	16168	16329	16460	16368	16240	16052	15634	15379	15153	15290	15496	15681	15999	15890	15837	15628	15600	15316	15181			
SRev ST-Coal		222	286	284	292	293	334	279	277	383	379	368	307	358	348	334	384	162	127	69	78	33	94	96	98	93	93	105	92	99	89	107	95	92	98	90	86	80	92	92	97	134	73	77	63	106	94	90	88			
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		639	879	1199	1340	1323	1480	1836	1887	1789	1542	1591	1605	1355	1440	1581	1626	1466	836	976	621	602	472	398	393	515	437	534	418	312	246	339	216	340	382	420	522	497	619	577	637	459	282	392	319	592	392	477	442			
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		14	2	2	3	3	1	1	1	2	0	2	0	0	0	1	3	2	1	3	3	4	9	15	13	14	16	16	15	15	12	12	11	12	11	11	11	9	10	11	4	0	3	2	1	3	0	0	0	0		
Syncon		1074	1225	1225	1225	1225	1124	1124	1124	1124	973	1124	1124	1124	1124	1124	973	1124	1124	973	822	822	484	484	923	1074	1074	923	651	464	464	464	464	464	802	1155	1054	1054	867	867	615	615	615	464	752	988	988					
Hydro		253	76	93	114	114	143	144	145	128	144	261	144	112	115	118	116	82	215	86	87	220	340	342	575	569	336	288	288	417	459	551	536	452	451	589	385	290	307	303	361	354	477	479	481	624	592	318	316			
S.Reserve Total		2202	2468	2803	2974	2958	3183	3384	3434	3426	3189	3195	3180	2949	3029	3157	3251	2837	2153	2256	1913	1831	1732	1667	1565	1674	1803	2017	1888	1766	1460	1480	1360	1399	1447	1614	1806	2033	2081	2036	1973	1818	1447	1566	1480	1787	1833	1873	1834			