

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,019 MW
Distillate	0 MW
Total TNB	4,821 MW
Total IPP	16,083 MW
Total Co-Gen	40 MW
Total System	21,516 MW

Generation Mix

Type	MWh	Percentage
Gas	41,334	11.32 %
Hydro	8,138	2.23 %
Total TNB	49,472	13.55 %
ST-Coal	209,264	57.33 %
Gas	104,966	28.76 %
Total IPP	314,230	86.09 %
Co-Gen	736	0.20 %
Total Co-Gen	736	0.20 %
Total Generation	364,438	99.84 %
PLTG	130	0.04 %
HVDC	-696	-0.19 %
Interconnection	-566	-0.16 %
Net Energy	365,004	100.00 %

Maximum Demand Record

Date: 8/15/2018	18,338 MW
Date: 8/15/2018	388,524 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	11:30:00 Hour
Total Set On Bus	18,358 MW
TNB Generation	2,483 MW
IPP Generation	14,337 MW
Spinning Reserve	1,512 MW
Maximum Demand	16,848 MW
Net Energy	365,004 MWH
Load Factor	90.27 %

Fuel Cost

Total Cost:	65,675,518.17 RM
Cost per Unit	18.43 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	559
Hydro	239
Syncon	783
Thermal	132
Total	1,713

Time Weather Temperature

Afternoon	Rainy	33
Morning	Rainy	25

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	15170	14403	13848	13537	13187	13011	13281	13301	13623	15544	16389	16812	16580	16105	16436	16670	16527	16227	15407	15531	16324	16160	15603	15147

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
GLGR	51	Total	0
PGPS	37		
TJGS	213		
Total TNB	301		
CBPS	52		
NPRI	150		
PGLA	113		
PLPS	89		
SGB3	44		
SGRI	160		
SKSP	49		
YPKA	75		
Total IPP	732		
Total Gas	1,033		
Total Gas Required	1,033		

Daily MW Generation on Thursday

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-HVDC		-29	-29	-29	-29	-28	-28	-29	-29	-30	-30	-29	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-30	-30	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29												
TIE-PLTG		-28	-12	4	-26	6	-44	28	2	6	-47	-17	12	-25	11	28	32	7	-14	-26	-6	-16	1	-1	27	9	33	13	9	-1	33	16	9	63	28	73	78	46	5	6	24	36	34	6	-10	-3	-80	-17	-52			
Interconnection		-56	-40	-25	-55	-22	-72	-1	-26	-24	-76	-46	-17	-54	-18	-1	4	-22	-43	-54	-35	-45	-28	-30	-2	-20	4	-16	-20	-30	4	-13	-20	34	-1	44	48	16	-25	-23	-4	7	6	-23	-40	-32	-109	-46	-82			
System Total		15170	14629	14403	14091	13848	13786	13537	13404	13187	13141	13011	13097	13281	13533	13301	13150	13623	14796	15544	15941	16389	16629	16812	16848	16580	16143	16105	16191	16436	16648	16670	16634	16527	16499	16227	15788	15407	15286	15531	16230	16324	16276	16160	15965	15603	15403	15147	14820			
SRev ST-Coal		135	120	138	228	297	348	363	340	376	346	370	348	351	351	327	121	122	306	141	128	184	125	100	111	172	144	151	144	190	149	141	146	135	113	118	114	124	114	105	113	125	128	31	136	139	115	126	122			
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		1021	1067	1262	1462	1567	1568	1634	1832	2108	2233	2306	2218	2086	1800	2086	2034	1506	1091	865	569	407	493	478	452	563	844	896	825	711	501	454	458	413	499	623	855	1178	1326	1087	529	465	510	690	561	922	1147	1197	1210			
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		13	10	7	5	1	5	5	-1	2	4	6	4	4	4	5	3	4	14	14	13	14	13	13	14	14	13	15	12	11	11	12	13	12	12	12	11	12	10	12	12	11	11	10	10	10	10	9	10	8		
Syncon		786	786	786	786	786	635	786	786	786	786	786	786	786	635	635	786	786	786	887	887	887	887	700	700	716	801	887	887	887	736	700	700	700	700	887	887	736	887	887	786	786	850	850	850	850	850	850	850	850		
Hydro		104	101	102	103	104	252	125	124	128	128	128	128	259	261	121	116	195	157	159	157	155	340	226	219	288	163	160	159	288	280	318	301	301	300	212	160	288	159	160	194	191	192	254	244	134	121	122	120			
S.Reserve Total		2059	2084	2295	2584	2755	2808	2913	3081	3400	3497	3596	3484	3335	3051	3325	3060	2613	2455	2066	1754	1647	1671	1517	1512	1838	2051	2109	2027	1936	1641	1625	1618	1561	1624	1851	2028	2336	2498	2251	1633	1578	1690	1835	1801	2055	2242	2305	2310			