

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
Total TNB	5,306 MW
Total IPP	16,269 MW
Total Co-Gen	60 MW
Total System	22,207 MW

Generation Mix

Type	MWh	Percentage
Gas	38,213	10.93 %
Hydro	9,288	2.66 %
Total TNB	47,501	13.59 %
ST-Coal	202,282	57.86 %
Gas	99,696	28.51 %
Total IPP	301,978	86.37 %
Co-Gen	472	0.13 %
Total Co-Gen	472	0.13 %
Total Generation	349,951	100.09 %
PLTG	-410	-0.12 %
HVDC	730	0.21 %
Interconnection	320	0.09 %
Net Energy	349,631	100.00 %

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:	16:00:00 Hour
Total Set On Bus	18,507 MW
TNB Generation	2,291 MW
IPP Generation	14,239 MW
Spinning Reserve	1,959 MW
Maximum Demand	16,522 MW
Net Energy	349,631 MWH
Load Factor	88.17 %

Fuel Cost

Total Cost:	59,104,672.20 RM
Cost per Unit	17.67 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	467
Hydro	339
Syncon	1,159
Thermal	127
Total	2,092

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	13736	13077	12899	12610	12163	12079	12410	12504	12953	14514	15228	15766	15801	15486	16018	16380	16522	16173	15143	15003	15988	15917	15400	15046

Gas Usage

Station	(mmscfd)
GLGR	51
PGPS	16
TJGS	209
Total TNB	275
CBPS	51
KLPP	93
NPRI	150
PGLA	106
PLPS	88
SGRI	116
SKSP	49
YPKA	43
Total IPP	695
Total Gas	970
Total Gas Required	970

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Daily MW Generation on Tuesday

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																											
SRev ST-Coal		376	58	46	172	147	172	166	162	172	162	168	169	163	160	120	60	42	125	326	253	165	142	78	121	116	107	62	86	34	55	129	144	126	137	123	131	155	137	114	137	147	145	59	54	59	62	65	74			
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		1204	1465	1775	1748	1622	1632	1894	1872	2044	2118	2161	2058	1762	1627	1860	2098	1556	933	726	560	420	312	201	338	459	641	807	633	609	464	363	318	316	429	445	788	1198	1547	1448	657	445	487	646	466	871	918	882	870			
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	
SRev Co-Gen		33	32	33	32	31	33	31	41	41	42	42	40	43	42	43	41	41	41	42	41	40	41	42	41	43	41	42	42	42	41	41	43	42	41	42	42	43	41	41	42	42	42	42	43	42	41	42	41	45		
Syncon		1350	1350	1199	1350	1350	1199	1199	1350	1199	1350	1199	1350	1350	1350	1350	1350	1199	1350	1199	1048	1048	1048	1350	1350	1350	1350	1199	1199	1012	1012	1199	1350	1350	1199	1350	1350	1199	1012	1012	1048	1199	1199	1199	1199	1199	1199	1199	1199			
Hydro		136	132	263	130	131	262	260	131	261	131	263	130	131	260	132	131	141	139	142	305	235	362	492	491	495	234	230	230	229	230	360	360	463	412	308	145	151	278	147	147	274	370	376	407	145	148	147	147			
S.Reserve Total		3099	3037	3316	3432	3281	3298	3550	3556	3717	3803	3833	3747	3449	3288	3505	3680	3130	2588	2586	2358	2210	2056	1861	2039	2161	2373	2491	2341	2264	2140	2092	2064	1959	2031	2117	2456	2897	3202	3100	2333	2107	2056	2136	2017	2315	2369	2334	2335			