

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,286 MW
Distillate	0 MW
Total TNB	2,286 MW
Total IPP	18,216 MW
Total Co-Gen	0 MW
Total System	23,325 MW

Generation Mix

Type	MWh	Percentage
Hydro	6,544	2.15 %
Gas	36,371	11.94 %
Total TNB	42,915	14.09 %
ST-Coal	209,727	68.86 %
LSS	1,982	0.65 %
Gas	50,808	16.68 %
Total IPP	262,517	86.19 %
Co-Gen	360	0.12 %
Total Co-Gen	360	0.12 %
Total Generation	305,792	100.40 %
PLTG	477	0.16 %
HVDC	730	0.24 %
Interconnection	1,207	0.40 %
Net Energy	304,585	100.00 %

Maximum Demand Record

Date: 3/10/2020	18,808 MW
Date: 3/10/2020	394,238 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	14:30:00 Hour
Total Set On Bus	15,693 MW
TNB Generation	2,430 MW
IPP Generation	11,661 MW
Spinning Reserve	1,585 MW
Maximum Demand	14,063 MW
Net Energy	304,585 MWH
Load Factor	90.24 %

Fuel Cost

Total Cost:	45,408,173.71 RM
Cost per Unit	14.85 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	291
Hydro	271
Syncon	1,005
Thermal	549
Total	2,116

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	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	13476	12924	12388	11963	11595	11313	11190	11081	11132	12182	12635	13110	13306	13456	13878	13995	13836	13162	12527	12685	13265	13195	13107	13027

Gas Usage

Station	(mmscfd)
GLGR	48
TJGS	207
Total TNB	255
CBPS	12
NPRI	155
PLPS	73
SKSP	1
Total IPP	240
Total Gas	495
Total Gas Required	495

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Daily MW Generation on Wednesday

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																								
Syncon		1305	1305	1305	1305	1305	1305	1305	1305	1305	1154	1305	1305	1305	1305	1204	1305	1067	1218	1218	1130	1130	1130	1218	1218	1117	691	741	590	596	527	628	815	966	966	966	987	1204	1204	1204	1204	1355	1355	1204	1355	1355			
Hydro		149	108	146	155	148	146	146	146	132	110	129	257	126	141	141	138	124	144	142	267	147	124	88	183	175	94	121	123	292	211	342	352	562	620	529	265	270	270	285	133	134	131	130	106	121	250	121	122
S.Reserve Total		2354	2263	2367	2597	2535	2633	2651	2684	2560	2576	2711	2576	2630	2424	2571	2853	2547	2328	2496	2315	2483	2253	2205	2162	2139	2143	1977	1810	1538	1585	1631	1592	1726	1940	2299	2441	2688	2845	2841	2387	2409	2419	2302	2405	2424	2337	2466	2361