

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,522 MW
Distillate	0 MW
Total TNB	2,522 MW
Total IPP	17,730 MW
Total Co-Gen	0 MW
Total System	22,786 MW

Generation Mix

Type	MWh	Percentage
Hydro	8,366	2.95 %
Gas	35,471	12.51 %
Total TNB	43,837	15.46 %
ST-Coal	184,090	64.93 %
LSS	2,909	1.03 %
Gas	53,543	18.89 %
Total IPP	240,542	84.85 %
Co-Gen	239	0.08 %
Total Co-Gen	239	0.08 %
Total Generation	284,618	100.39 %
PLTG	379	0.13 %
HVDC	732	0.26 %
Interconnection	1,111	0.39 %
Net Energy	283,507	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:	22:30:00 Hour
Total Set On Bus	15,548 MW
TNB Generation	2,464 MW
IPP Generation	11,231 MW
Spinning Reserve	1,843 MW
Maximum Demand	13,674 MW
Net Energy	283,507 MWH
Load Factor	86.39 %

Fuel Cost

Total Cost:	43,291,388.42 RM
Cost per Unit	15.22 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	172
Hydro	207
Syncon	1,234
Thermal	767
Total	2,380

Time Weather Temperature

Afternoon	Hot	34
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
GLGR	28
TJGS	216
Total TNB	244
CBPS	56
NPRI	149
PLPS	35
SKSP	7
Total IPP	247
Total Gas	491
Total Gas Required	491

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	13047	12567	12023	11507	11122	10811	10608	10302	9934	10378	10709	11031	11270	11453	11842	12079	12168	12010	11777	12058	13579	13627	13637	13589

Daily MW Generation on Saturday

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		
Hydro		274	274	297	284	276	156	160	133	133	82	128	127	260	128	267	165	166	167	208	215	176	176	309	180	184	183	177	175	182	181	297	309	176	175	174	175	175	175	169	386	342	202	126	179	182	186	206	363
S.Reserve Total		2005	2072	2233	2321	2301	2451	2407	2464	2615	2461	2582	2568	2492	2542	2765	2829	2731	2627	2737	2674	2709	2641	2610	2511	2618	2559	2447	2413	2528	2466	2406	2518	2514	2503	2643	2689	2427	2442	2536	2028	1956	1871	1880	1893	1889	1847	1922	2031