

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,472 MW
Distillate	0 MW
Total TNB	2,472 MW
Total IPP	18,345 MW
Total Co-Gen	0 MW
Total System	23,351 MW

Generation Mix

Type	MWh	Percentage
Hydro	7,301	2.54 %
Gas	32,341	11.27 %
Total TNB	39,642	13.82 %
ST-Coal	188,904	65.84 %
LSS	2,827	0.99 %
Gas	55,996	19.52 %
Total IPP	247,727	86.34 %
Co-Gen	249	0.09 %
Total Co-Gen	249	0.09 %
Total Generation	287,618	100.25 %
PLTG	-20	-0.01 %
HVDC	725	0.25 %
Interconnection	705	0.25 %
Net Energy	286,913	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:	20:30:00 Hour
Total Set On Bus	15,438 MW
TNB Generation	2,319 MW
IPP Generation	11,296 MW
Spinning Reserve	1,812 MW
Maximum Demand	13,616 MW
Net Energy	286,913 MWH
Load Factor	87.80 %

Fuel Cost

Total Cost:	44,403,446.51 RM
Cost per Unit	15.45 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	155
Hydro	218
Syncon	1,193
Thermal	659
Total	2,225

Time Weather Temperature

Afternoon	Hot	34
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
GLGR	30
TJGS	193
Total TNB	223
CBPS	56
NPRI	154
PLPS	52
YPKA	8
Total IPP	269
Total Gas	492
Total Gas Required	492

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	12532	11980	11497	11033	10711	10493	10384	10289	10217	10980	11386	11772	11936	12061	12505	12752	12850	12606	12115	12237	13556	13593	13548	13477

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	
SRev LSS		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		10	11	10	7	10	10	8	8	10	10	8	10	10	11	12	11	12	10	9	11	7	10	9	9	9	9	10	9	12	10	8	9	12	8	11	9	12	9	10	8	10	9	10	9	8	10	7	11
Syncon		1355	1355	1355	1355	1355	1355	1355	1355	1355	1355	1456	1456	1456	1305	1305	1305	1456	1456	1305	1305	1305	1305	1305	1305	1305	1305	1305	1305	1305	1154	1305	1154	1326	1456	1456	1456	1456	1456	993	907	907	907	907	907	1094	1094		
Hydro		178	141	143	140	141	165	165	163	166	165	165	252	293	425	426	424	120	162	472	148	127	141	136	144	142	131	139	99	127	141	267	101	269	137	160	102	136	98	145	373	261	299	319	363	367	346	206	311
S.Reserve Total		2216	2252	2289	2405	2451	2510	2423	2418	2514	2491	2707	2689	2726	2745	2827	2988	2610	2603	2834	2429	2313	2318	2444	2380	2442	2289	2357	2266	2306	2382	2342	2212	2186	2223	2400	2487	2524	2474	2550	2128	1809	1816	1852	1896	1896	1866	1920	2045