

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,508 MW
Distillate	0 MW
Total TNB	2,508 MW
Total IPP	16,146 MW
Total Co-Gen	0 MW
Total System	22,205 MW

Generation Mix

Type	MWh	Percentage
Hydro	18,226	5.55 %
Gas	45,589	13.89 %
Total TNB	63,815	19.44 %
ST-Coal	213,341	64.99 %
LSS	3,771	1.15 %
Gas	47,066	14.34 %
Total IPP	264,178	80.48 %
Co-Gen	188	0.06 %
Total Co-Gen	188	0.06 %
Total Generation	328,181	99.98 %
PLTG	632	0.19 %
HVDC	-696	-0.21 %
Interconnection	-64	-0.02 %
Net Energy	328,245	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:	21:00:00 Hour
Total Set On Bus	16,845 MW
TNB Generation	3,722 MW
IPP Generation	11,834 MW
Spinning Reserve	1,280 MW
Maximum Demand	15,575 MW
Net Energy	328,245 MWH
Load Factor	87.81 %

Fuel Cost

Total Cost:	38,780,477.82 RM
Cost per Unit	11.81 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	214
Hydro	281
Syncon	759
Thermal	568
Total	1,822

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	27

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	14987	14321	13795	13295	12862	12612	12398	12198	11675	12250	12634	13004	13052	13360	13917	14217	14330	14160	13810	13978	15536	15575	15342	15085

Daily MW Generation on Sunday

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																									
System Total		14987	14681	14321	13945	13795	13486	13295	13096	12862	12669	12612	12442	12398	12392	12198	11842	11675	11977	12250	12347	12634	12949	13004	13190	13052	13244	13360	13586	13917	14103	14217	14276	14330	14336	14160	13908	13810	13738	13978	14885	15536	15544	15575	15538	15342	15316	15085	14867	
SRev ST-Coal		245	364	600	643	588	796	810	963	984	984	986	984	981	985	983	985	982	980	984	988	983	910	825	800	815	810	795	803	671	690	621	586	528	534	558	520	694	693	465	341	222	195	240	230	264	232	350	334	
SRev CCGT-Gas		443	508	411	139	151	223	240	237	237	222	213	247	242	232	239	267	463	256	221	248	236	237	287	235	275	233	283	269	264	267	253	193	220	223	218	254	158	274	250	173	115	138	118	119	164	104	116	89	
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	0	0	0	0	
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
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
SRev Co-Gen		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
Syncon		615	802	738	738	889	1040	1040	1040	1040	1040	889	1040	1040	1127	1127	1127	1127	976	976	825	976	825	976	976	976	976	976	976	976	976	976	976	976	976	976	976	976	976	976	976	976	976	976	976	976	976	976	976	
Hydro		512	459	651	517	464	126	213	131	134	66	82	261	120	107	84	87	119	111	212	105	228	106	249	94	109	111	92	117	110	63	110	65	186	201	202	116	265	382	156	490	561	580	615	676	767	541	561	264	
S.Reserve Total		1815	2133	2400	2037	2092	2185	2303	2371	2395	2312	2321	2381	2383	2364	2438	2471	2696	2479	2398	2322	2272	2229	2186	2105	2175	2130	2146	2165	2021	1996	1960	1820	1910	1934	1954	1866	1906	2174	1998	1468	1211	1226	1286	1338	1508	1341	1491	1576	