

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	16,498 MW
Total Co-Gen	0 MW
Total System	21,696 MW

Generation Mix

Type	MWh	Percentage
Hydro	37,096	10.99 %
Gas	32,669	9.68 %
Total TNB	69,765	20.68 %
ST-Coal	201,949	59.85 %
LSS	2,782	0.82 %
Gas	63,373	18.78 %
Total IPP	268,104	79.46 %
Co-Gen	169	0.05 %
Total Co-Gen	169	0.05 %
Total Generation	338,038	100.19 %
PLTG	-83	-0.02 %
HVDC	720	0.21 %
Interconnection	637	0.19 %
Net Energy	337,401	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:	16:00:00 Hour
Total Set On Bus	16,884 MW
TNB Generation	3,318 MW
IPP Generation	12,317 MW
Spinning Reserve	1,240 MW
Maximum Demand	15,674 MW
Net Energy	337,401 MWH
Load Factor	89.69 %

Fuel Cost

Total Cost:	49,946,576.88 RM
Cost per Unit	14.76 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	316
Hydro	435
Syncon	250
Thermal	370
Total	1,371

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	32
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	13665	13150	12629	12341	12071	11966	12004	12268	12699	14053	14655	15116	15032	14898	15368	15607	15674	15364	14590	14701	15377	15047	14707	14440

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																											
TIE-EGAT		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												
TIE-HVDC		30	30	30	30	30	30	30	30	30	31	31	30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	31	31	29	29										
TIE-PLTG		-13	33	-27	24	13	21	6	40	29	21	-3	26	-17	-2	9	-32	-20	19	-41	-70	-52	-51	-28	-42	-10	-9	-37	-17	-13	-34	-17	-21	-48	16	16	-3	71	44	30	24	60	28	-11	-21	16	-24	-34	-15			
Interconnection		17	63	2	54	42	51	36	70	59	52	27	57	14	28	39	-1	10	49	-11	-41	-23	-21	1	-11	20	21	-7	13	17	-3	13	9	-18	46	46	26	101	74	60	54	90	58	20	9	47	6	-5	14			
System Total		13665	13360	13150	12817	12629	12456	12341	12130	12071	12006	11966	11983	12004	12176	12268	12504	12699	13510	14053	14436	14655	14918	15116	15175	15032	14979	14898	15102	15368	15655	15607	15632	15674	15520	15364	14986	14590	14413	14701	15421	15377	15202	15047	14936	14707	14449	14440	14139			
SRev ST-Coal		829	854	955	958	1065	1054	1044	1090	1088	1084	1092	1091	1085	1089	1093	1088	1089	902	807	606	639	455	405	405	431	398	404	413	371	223	238	235	221	217	229	355	360	512	393	241	232	275	343	340	359	596	625	641			
SRev CCGT-Gas		590	668	527	636	625	709	819	903	905	1004	1051	1006	1030	911	736	530	512	427	388	404	251	308	323	332	420	554	453	272	173	233	287	191	269	309	228	388	444	481	410	284	381	390	380	343	406	282	349	466			
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	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	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	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	0	0
Syncon		302	302	302	302	302	302	302	151	489	489	489	489	489	489	338	489	489	489	489	489	489	489	187	187	187	338	489	489	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	
Hydro		145	160	95	149	145	141	141	138	274	142	132	133	134	45	269	139	144	138	133	134	128	133	444	455	454	266	141	138	313	511	570	568	567	573	565	571	760	435	433	457	457	521	547	427	439	375	295	194			
S.Reserve Total		1871	1989	1884	2050	2142	2211	2311	2438	2423	2724	2769	2724	2743	2539	2441	2251	2239	1961	1822	1638	1512	1390	1364	1384	1497	1561	1492	1317	1044	1154	1282	1181	1244	1286	1209	1501	1751	1917	1725	1169	1257	1373	1457	1447	1541	1590	1606	1788			