

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,336 MW
Distillate	0 MW
Total TNB	2,336 MW
Total IPP	18,971 MW
Total Co-Gen	0 MW
Total System	24,130 MW

Generation Mix

Type	MWh	Percentage
Hydro	8,944	3.10 %
Gas	38,082	13.20 %
Total TNB	47,026	16.30 %
ST-Coal	190,390	65.98 %
LSS	2,823	0.98 %
Gas	47,857	16.59 %
Total IPP	241,070	83.55 %
Co-Gen	235	0.08 %
Total Co-Gen	235	0.08 %
Total Generation	288,331	99.93 %
PLTG	484	0.17 %
HVDC	-697	-0.24 %
Interconnection	-213	-0.07 %
Net Energy	288,544	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	15,418 MW
TNB Generation	2,435 MW
IPP Generation	11,056 MW
Spinning Reserve	1,918 MW
Maximum Demand	13,546 MW
Net Energy	288,544 MWH
Load Factor	88.75 %

Fuel Cost

Total Cost:	43,637,312.90 RM
Cost per Unit	15.14 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	87
Hydro	172
Syncon	1,109
Thermal	933
Total	2,301

Time Weather Temperature

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	13171	12606	12093	11573	11201	10894	10719	10482	10147	10678	11037	11399	11591	11822	12270	12642	12763	12553	12220	12389	13543	13546	13505	13432

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	
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
SIHY	HY01	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	49	49	49	31	
SIHY	HY02	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	30	
SIHY	HY03	30	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	30	
SYPS	HY01	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25	25	0	
SYPS	HY02	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	0	
SYPS	HY03	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	0	
SYPS	HY04	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	0	
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	33	33	33	64	
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
TMGR	HY04	45	44	44	43	42	43	42	42	42	44	41	41	41	41	42	47	42	45	67	43	42	43	51	69	
UJLI	HY02	-1	-1	92	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	95	149	147	144	
UPIA	HY01	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
UPIA	HY02	5	5	4	4	4	4	3	3	3	3	1	2	3	2	2	2	2	2	2	2	3	3	3	2	
Total Hydro		344	215	280	197	193	193	192	188	188	419	447	428	449	429	424	426	415	412	424	428	289	199	186	192	
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	11	15	18	21	23	23	25	25	25	14
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	21	26	29	34	40	44	44	15	41	
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	11	14	28	27	33	43	44	44	41	
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	5	6	11	12	24	20	27	26	27	29	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	7	11	19	33	22	45	43	46	47	48	
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	13	20	27	33	39	43	46	48	50	39	
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	7	10	14	21	32	34	38	38	42	43	44	
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	20	30	33	40	45	48	49	50	50	
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	6	12	22	29	33	39	45	34	30	50	47	
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	3	13	14	15	23	34	37	40	42	43	43	
Total LSS		0	0	0	0	0	0	0	0	0	0	0	11	39	79	145	202	271	309	363	382	396	423	480	416	
PCUF	CUFG	4	5	5	5	5	5	6	6	6	6	5	4	5	4	6	4	5	5	4	4	6	6	5	6	
PCUF	CUFK	5	5	7	5	5	6	4	6	5	6	5	4	4	3	4	5	4	4	5	4	4	5	9	5	
Total Co-Gen		9	10	12	10	10	11	9	12	11	12	11	9	8	8	8	11	8	9	10	9	10	8	8	9	
Total Gen		13190	12870	12578	12342	12092	11818	11567	11364	11192	11011	10864	10767	10692	10668	10490	10059	10101	10424	10700	10876	11049	11204	11393	11531	
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
TIE-HVDC		-29	-29	-29	-29	-29	-29	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-28
TIE-PLTG		49	15	1	22	28	23	31	20	-1	0	-3	2	26	37	5	-17	19	51	42	41	-1	23	18	32	
Interconnection		19	-14	-28	-7	-1	-7	-6	2	-9	-31	-30	-31	-27	-3	8	-24	-46	-10	22	13	12	-30	-6	-11	
System Total		13171	12884	12606	12349	12093	11825	11573	11362	11201	11042	10894	10798	10719	10671	10482	10083	10147	10434	10678	10863	11037	11234	11399	11542	
SRev ST-Coal		826	808	898	927	915	1016	980	984	1059	1068	1000	993	994	994	1020	1049	1052	1049	1049	1047	1051	1049	1048	1049	
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
SRev CCGT-Gas		190	216	113	202	220	207	226	244	235	434	414	319	350	351	489	854	747	471	266	145	119	48	120	54	
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
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
SRev Co-Gen		11	10	8	10	10	9	11	8	9	8	9	11	12	12	12	9	12	11	10	11	10	12	12	11	10
Syncon		1269	1269	1082	1269	1269	1269	1269	1067	916	1067	1067	1067	1067	1067	1067	1067	1067	1168	1269	1269	1269	1269	1269	1269	1269
Hydro		223	152	224	120	124	124	125	129	129	100	223	91	221	90	95	244	104	107	95	91	129	118	131	125	
S.Reserve Total		2519	2455	2325	2528	2538	2625	2611	2634	2701	2677	2562	2481	2493	2514	2683	3072	2980	2708	2487	2363	2473	2498	2581	2507	