

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	18,065 MW
Total Co-Gen	0 MW
Total System	23,410 MW

Generation Mix

Type	MWh	Percentage
Hydro	10,012	3.38 %
Gas	38,848	13.13 %
Total TNB	48,860	16.51 %
ST-Coal	195,428	66.05 %
LSS	2,444	0.83 %
Gas	47,974	16.21 %
Total IPP	245,846	83.09 %
Co-Gen	214	0.07 %
Total Co-Gen	214	0.07 %
Total Generation	294,920	99.68 %
PLTG	-254	-0.09 %
HVDC	-696	-0.24 %
Interconnection	-950	-0.32 %
Net Energy	295,870	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	15,455 MW
TNB Generation	2,333 MW
IPP Generation	11,277 MW
Spinning Reserve	1,838 MW
Maximum Demand	13,654 MW
Net Energy	295,870 MWH
Load Factor	90.29 %

Fuel Cost

Total Cost:	44,394,384.52 RM
Cost per Unit	15.06 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	122
Hydro	374
Syncon	947
Thermal	572
Total	2,015

Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	28

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	12262	11704	11319	11018	10866	10973	10773	10564	10797	11813	12279	12596	12659	12819	13404	13574	13654	13287	13053	12974	13238	13392	13352	13209

Daily MW Generation on Wednesday

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	HY03	20	20	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	20	20	23	23	23	22	22
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIHY	HY02	31	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	31	0	0	0	0	0	0	
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	31	0	0	0	0	0	0	
SYPS	HY01	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25	25	25	25	17	
SYPS	HY02	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	17	0	
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25	25	25	25	17	17	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TMGR	HY01	42	42	42	42	44	41	49	60	41	42	41	41	41	72	66	81	42	67	55	42	81	73	54	81	
TMGR	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	
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	97	96	98	98	98	-1	-1	
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	99	99	100	100	95	91	-1	
UPIA	HY01	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	5	4	5	4	5	5	5	5	6	
UPIA	HY02	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	
Total Hydro		568	440	459	438	438	398	207	202	232	340	299	221	221	201	204	197	262	374	299	326	380	359	416		
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		
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	12	14	19	21	23	25	24	28	24	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13	19	23	15	35	38	39	39	13	13	
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	7	13	18	27	33	29	39	40	38	48	48	
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	4	8	10	15	13	19	15	20	17	14	15	17	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	5	12	24	8	35	35	40	43	45	47	47	
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	7	15	20	27	33	37	36	43	49	43	43	25	
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	5	12	19	24	27	35	37	38	26	44	43	
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	5	7	12	10	11	10	16	12	10	
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	6	13	18	18	19	22	44	49	48	55	54	58	
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	3	12	10	12	21	24	30	41	41	43	43	
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	15	52	109	151	169	222	287	315	347	342	356		
PCUF	CUFG	6	5	5	6	6	5	6	5	4	6	5	5	6	6	5	5	4	5	3	3	3	3	3	3	
PCUF	CUFK	5	4	4	5	4	5	6	4	4	5	4	5	5	4	5	6	5	4	5	7	5	3	5	5	
Total Co-Gen		11	9	9	11	10	10	12	9	10	10	8	11	10	10	11	10	11	10	6	8	8	8	7		
Total Gen		12219	11941	11684	11466	11285	11107	10989	10946	10882	11001	10968	10762	10730	10705	10538	10351	10667	11370	11713	12066	12206	12312	12515		
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	
TIE-HVDC		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	
TIE-PLTG		-9	15	13	-8	-1	-4	36	49	12	27	13	-9	8	6	-32	-99	-64	-68	-44	-40	-73	-47	-32		
Interconnection		-39	-14	-16	-37	-30	-33	-25	7	20	-17	-1	-15	-39	-21	-22	-61	-127	-92	-97	-73	-69	-102	-77		
System Total		12262	11959	11704	11507	11319	11144	11018	10943	10866	11022	10973	10781	10773	10730	10564	10416	10797	11465	11813	12143	12279	12418	12596		
SRev ST-Coal		676	679	736	746	740	756	752	736	559	661	652	659	668	598	530	949	943	799	765	729	736	737	440	448	
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	
SRev CCGT-Gas		110	175	204	174	160	213	140	196	143	129	131	169	145	135	245	261	113	122	107	68	73	69	88	58	
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	
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	
SRev Co-Gen		7	9	9	7	8	8	6	9	8	8	10	7	8	8	11	9	8	8	7	8	9	7	6	8	
Syncon		1103	1103	952	1103	1103	1305	1305	1154	1204	1204	1154	1154	1305	1305	1305	967	1154	1078	952	952	801	1023	1078	1078	
Hydro		307	235	367	237	237	277	266	271	392	234	275	403	403	272	269	276	207	433	321	344	296	317	481	269	
S.Reserve Total		2203	2201	2268	2267	2248	2357	2469	2517	2256	2236	2272	2392	2378	2318	2360	2800	2581	2334	2359	2232	2066	2082	1816		