

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	15,592 MW
Total Co-Gen	0 MW
Total System	20,769 MW

Generation Mix

Type	MWh	Percentage
Hydro	29,355	8.61 %
Gas	40,995	12.02 %
Total TNB	70,350	20.63 %
ST-Coal	198,420	58.19 %
LSS	3,225	0.95 %
Gas	69,527	20.39 %
Total IPP	271,172	79.53 %
Co-Gen	170	0.05 %
Total Co-Gen	170	0.05 %
Total Generation	341,692	100.21 %
PLTG	-11	0.00 %
HVDC	725	0.21 %
Interconnection	714	0.21 %
Net Energy	340,978	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	17,175 MW
TNB Generation	3,619 MW
IPP Generation	12,256 MW
Spinning Reserve	1,293 MW
Maximum Demand	15,838 MW
Net Energy	340,978 MWH
Load Factor	89.70 %

Fuel Cost

Total Cost:	45,987,963.66 RM
Cost per Unit	13.45 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	550
Hydro	422
Syncon	377
Thermal	137
Total	1,486

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	13804	13153	12838	12492	12266	12039	12074	12341	12758	14224	14748	15116	15085	14810	15229	15737	15838	15467	14647	14606	15691	15492	15136	14853

Daily MW Generation on Friday

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
CEND	HY01	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
CEND	HY02	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
CEND	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
HTRG	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
HTRG	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
KNRG	HY01	35	35	35	35	35	35	35	24	24	24	24	24	24	35	35	35	35	35	35	35	35	35	35	35
KNRG	HY02	36	36	36	36	36	36	36	22	23	22	22	22	22	36	36	36	36	36	36	36	36	36	36	36
KNRG	HY03	35	35	35	35	35	35	35	23	24	23	23	24	24	35	35	35	35	35	35	35	35	35	35	35
KNYR	HY01	101	101	101	101	102	102	101	101	101	101	101	101	101	101	100	101	101	101	101	101	101	102	101	101
KNYR	HY02	106	105	106	105	106	106	106	105	105	105	105	107	105	106	105	105	105	105	105	106	106	105	106	105
KNYR	HY03	101	101	102	101	101	102	102	101	101	101	102	101	102	101	101	101	101	101	101	101	101	102	101	101
KNYR	HY04	101	101	102	102	101	102	102	101	101	101	103	101	102	101	101	101	101	100	101	101	101	101	102	101
LPIA	HY01	21	21	21	21	21	21	21	21	21	21	21	21	21	22	22	22	22	22	22	22	22	22	22	22
LPIA	HY02	21	21	21	21	20	20	20	20	20	20	20	18	20	21	21	21	21	21	21	21	21	21	21	21
MNOR	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	7	7	7	7	7
PGAU	HY01	-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	HY02	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	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
SIHY	HY02	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	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	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
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	83	85	65	65	55	86	86	53	-1	-1	-1	-1	-1	-1	87	87	87	86	84	87	87	81	81	81
TMGR	HY02	89	83	68	67	56	90	90	50	85	45	51	44	44	91	82	88	73	87	85	65	80	42	71	80
TMGR	HY03	85	85	85	85	85	34	33	34	33	33	33	33	33	34	33	84	85	85	85	82	85	84	84	81
TMGR	HY04	86	86	86	86	86	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	86	86	86	86	83	86	85	85	83
UJLI	HY01	92	92	90	92	92	-1	-1	-1	-1	-1	-1	-1	-1	-1	90	-1	-1	88	86	95	-1	-1	-1	-1
UJLI	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
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPIA	HY02	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Hydro		1104	1099	1065	1087	1043	901	878	804	783	705	599	669	704	781	740	751	732	1118	1070	1073	1179	1318	1358	1283
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	0	0	0	0	0	0	0	0	0	0	0	0
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

