

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	15,514 MW
Total Co-Gen	0 MW
Total System	20,817 MW

Generation Mix

Type	MWh	Percentage
Hydro	28,365	8.08 %
Gas	57,862	16.48 %
Total TNB	86,227	24.56 %
ST-Coal	202,656	57.72 %
LSS	2,696	0.77 %
Gas	60,319	17.18 %
Total IPP	265,671	75.66 %
Co-Gen	170	0.05 %
Total Co-Gen	170	0.05 %
Total Generation	352,068	100.27 %
PLTG	213	0.06 %
HVDC	723	0.21 %
Interconnection	936	0.27 %
Net Energy	351,132	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:	15:00:00 Hour
Total Set On Bus	17,866 MW
TNB Generation	4,613 MW
IPP Generation	11,906 MW
Spinning Reserve	1,342 MW
Maximum Demand	16,521 MW
Net Energy	351,132 MWH
Load Factor	88.56 %

Fuel Cost

Total Cost:	46,997,393.16 RM
Cost per Unit	13.34 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	669
Hydro	412
Syncon	315
Thermal	140
Total	1,536

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	14524	13879	13406	12967	12596	12496	12454	12789	13120	14676	15221	15610	15655	15555	16127	16521	16359	15987	15087	15025	15574	15335	15007	14700

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
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	63	0	0	0	0	0	0	0	0	0	0	0	0	0	63	122	125	125	125	125	125	125	125	125
HTRG	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	27	122	122	124	123	123	122	123	124	123
KNRG	HY01	35	35	35	35	35	35	16	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35
KNRG	HY02	36	36	36	36	36	36	36	0	0	0	0	0	0	0	36	36	36	36	36	36	36	36	36	36
KNRG	HY03	35	35	35	35	35	35	35	24	25	24	25	25	25	24	35	35	35	35	35	35	35	35	35	35
KNYR	HY01	103	103	103	104	104	104	103	103	103	103	103	103	103	101	101	101	101	101	101	101	101	101	101	101
KNYR	HY02	110	111	110	110	110	110	110	110	110	110	110	110	110	106	106	106	106	105	105	106	106	106	105	105
KNYR	HY03	100	101	100	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
KNYR	HY04	104	104	104	105	105	105	105	105	105	105	105	105	105	102	102	102	101	101	101	102	102	101	101	101
LPIA	HY01	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
LPIA	HY02	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
MNOR	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	7	7	7	7	7	7	7
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	22	21	21	21	21	-1	-1	-1	-1	-1	81	111	111	111	111	111	111
PGAU	HY02	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	-1	21	82	82	82	21	21	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	112	21	21	21	21	-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	50	50	50	50	50	50	50	50	50	50
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	17	0	0	0	0
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	17	17	17	25	25	25
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	17	17	17	25	25	25
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	17	0	0	0	0	0
TMGR	HY01	38	44	31	33	-1	-1	-1	-1	31	32	32	32	32	-1	-1	-1	-1	87	87	87	87	87	87	87
TMGR	HY02	30	35	43	46	46	46	92	45	45	87	48	53	92	88	92	77	63	90	46	78	92	69	91	
TMGR	HY03	26	0	0	0	0	0	0	0	0	0	0	0	0	0	85	85	85	85	85	85	85	85	85	85
TMGR	HY04	26	0	0	0	0	0	0	0	0	0	0	0	0	0	33	86	86	86	86	86	86	86	86	86
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	91	93	90	89	92	87	93	93	93	92
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	94	91	94	89	-1	-1	95	94	94	93
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		862	760	752	760	726	726	724	716	721	640	684	645	650	636	631	634	617	1004	1186	1555	1661	1766	1739	1700
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	2	6	8	13	14	12	18	23	25	25	23
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	13	17	23	26	30	29	29	15	24
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	12	17	22	26	29	30	30	30	30
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	9	18	30	33	29	34	36	25	37
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	25	25	22	6	26	17	16	20	12
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	7	6	6	11	11	13	10	7	24
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	13	24	28	33	39	43	47	50	27
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	13	14	18	25	28	32	50	39	23
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	16	17	25	30	35	39	42	44	45
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	7	11	19	20	29	30	30	27	30
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	9	6	16	18	47	44	36	50	47
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	12	21	28	27	34	44	41	52	52

