

### 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
<b>Total TNB</b>	<b>2,336 MW</b>
<b>Total IPP</b>	<b>15,533 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>20,692 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	24,207	7.51 %
Gas	32,565	10.10 %
<b>Total TNB</b>	<b>56,772</b>	<b>17.61 %</b>
ST-Coal	186,208	57.76 %
LSS	1,551	0.48 %
Gas	75,854	23.53 %
<b>Total IPP</b>	<b>263,613</b>	<b>81.77 %</b>
Co-Gen	160	0.05 %
<b>Total Co-Gen</b>	<b>160</b>	<b>0.05 %</b>
<b>Total Generation</b>	<b>320,545</b>	<b>99.42 %</b>
PLTG	-1,244	-0.39 %
HVDC	-610	-0.19 %
<b>Interconnection</b>	<b>-1,854</b>	<b>-0.58 %</b>
<b>Net Energy</b>	<b>322,399</b>	<b>100.00 %</b>

### 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:	14:30:00 Hour
Total Set On Bus	16,537 MW
TNB Generation	3,129 MW
IPP Generation	12,225 MW
Spinning Reserve	1,176 MW
Maximum Demand	15,438 MW
Net Energy	322,399 MWH
Load Factor	87.01 %

### Fuel Cost

Total Cost:	44,788,302.41 RM
Cost per Unit	13.96 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	531
Hydro	423
Syncon	491
Thermal	153
<b>Total</b>	<b>1,598</b>

### Time Weather Temperature

Afternoon	Hot	32
Morning	Cloudy	26

### Gas Usage

Station	(mmscfd)
GLGR	47
TJGS	185
<b>Total TNB</b>	<b>233</b>
CBPS	50
KLPP	39
NPRI	145
PGLA	87
PLPS	54
SKSP	33
YPKA	40
<b>Total IPP</b>	<b>448</b>
<b>Total Gas</b>	<b>680</b>
<b>Total Gas Required</b>	<b>680</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

### 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	11904	11438	11042	10795	10567	10571	10917	11455	12238	13858	14620	15005	14898	14698	15078	15326	15385	15108	14436	14597	15197	14885	14196	13781



### Daily MW Generation on Monday

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	125	125	124	63
HTRG	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	125	124	125	124
KNRG	HY01	34	23	23	23	23	23	23	23	23	34	34	34	34	22	21	21	22	21	22	22	22	22	22	22
KNRG	HY02	35	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	23	23	23	23
KNRG	HY03	34	22	22	22	22	22	22	22	23	34	34	34	34	23	22	22	22	22	22	23	24	34	34	34
KNYR	HY01	64	63	0	0	0	0	0	0	0	0	0	0	0	99	52	100	100	100	100	97	55	55	55	100
KNYR	HY02	98	96	56	56	55	55	53	58	56	57	57	59	102	100	100	57	61	98	53	99	99	99	96	
KNYR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	100	100	56	-1	98	-1	53	99	99	99	96	
KNYR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	101	-1	-1	-1	100	54	101	101	101	101	98	
LPIA	HY01	15	15	12	12	11	11	11	12	14	14	14	14	16	16	16	16	16	18	18	20	20	20	20	
LPIA	HY02	15	15	12	13	12	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MNOR	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	
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	
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	
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	
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	
SIHY	HY01	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	
SIHY	HY02	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
SIHY	HY03	50	50	50	49	50	49	50	50	49	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
SYPS	HY01	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
SYPS	HY02	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
SYPS	HY03	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
SYPS	HY04	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
TMGR	HY02	44	40	45	42	39	41	44	43	41	44	44	46	72	44	46	42	77	44	40	49	47	51	44	
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86	86	80	79	30	30	30	
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	
UJLI	HY01	89	-1	-1	-1	-1	-1	-1	-1	-1	87	89	100	87	86	82	94	88	79	84	90	86	86	87	
UJLI	HY02	88	82	93	87	79	83	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0	
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	
UPIA	HY02	2	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Hydro		835	674	581	571	558	559	468	475	470	475	564	570	707	845	745	681	621	1133	874	1092	1298	1356	1345	
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	0	1	3	5	6	7	8	14	18	13	15	
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	9	9	10	18	32	25	22	
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	9	10	14	23	18	21	17	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	7	11	15	12	15	26	18	
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	8	8	12	13	19	21	17	9	
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	6	14	13	8	8	8	5	4	
GMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	9	14	19	17	33	32	26	
JLSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	9	8	10	22	22	21	28	
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	13	12	13	17	23	52	33	
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	8	9	10	17	15	15	17	

