

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,510 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,510 MW</b>
<b>Total IPP</b>	<b>18,540 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>24,259 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	24,936	7.01 %
Gas	64,262	18.06 %
<b>Total TNB</b>	<b>89,198</b>	<b>25.07 %</b>
ST-Coal	177,731	49.96 %
ST-Gas	8,782	2.47 %
LSS	5,472	1.54 %
Gas	73,205	20.58 %
<b>Total IPP</b>	<b>265,190</b>	<b>74.55 %</b>
Co-Gen	803	0.23 %
<b>Total Co-Gen</b>	<b>803</b>	<b>0.23 %</b>
<b>Total Generation</b>	<b>355,191</b>	<b>99.85 %</b>
PLTG	108	0.03 %
HVDC	-651	-0.18 %
<b>Interconnection</b>	<b>-543</b>	<b>-0.15 %</b>
<b>Net Energy</b>	<b>355,734</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 5/24/2022	398,523 MWH

### Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	17,559 MW
TNB Generation	4,601 MW
IPP Generation	12,608 MW
Spinning Reserve	316 MW
Maximum Demand	17,227 MW
Net Energy	355,734 MWH
Load Factor	86.04 %

### Fuel Cost

Total Cost:	115,917,630.87 RM
Cost per Unit	32.63 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	288
Hydro	528
Syncon	506
Thermal	240
<b>Total</b>	<b>1,562</b>

### Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	28

### Gas Usage

Station	(mmscfd)
GLGR	6
SRDG	16
TJGS	194
<b>Total TNB</b>	<b>216</b>
CBPS	51
EMPP	161
NPRI	157
PCGP	88
PGLA	6
SPGP	209
PKLG	89
<b>Total IPP</b>	<b>762</b>
<b>Total Gas</b>	<b>978</b>
<b>Total Gas Required</b>	<b>978</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	13807	13143	12675	12273	11986	11827	12288	12463	12910	14746	15501	15927	15951	15743	16509	17035	17179	16874	15819	15905	16609	16318	15854	15459



### Daily MW Generation on Tuesday

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
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
HTRG	HY03	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	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
KNRG	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
KNRG	HY02	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
KNRG	HY03	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
KNYR	HY01	100	101	101	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
KNYR	HY02	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103
KNYR	HY03	98	98	97	96	96	95	95	95	95	95	96	97	97	98	98	98	98	98	98	98	98	98	98	98
KNYR	HY04	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99	98	100	100	99	99	100	100	100
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
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PGAU	HY01	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	152	22	22	-1	-1
PGAU	HY02	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	149	23	22	22	22	22
PGAU	HY03	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	22	150	23	22	22	111
PGAU	HY04	21	21	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	147	21	23	22	22	112
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	51	48	48	48	50	50
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	50	48	50	50
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	50	48	50	50
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	25	17
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	25	17
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	17	17	17	25	17
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	25	18	17
TMGR	HY01	86	34	34	32	32	31	32	32	32	31	32	32	32	32	32	32	32	32	32	32	32	31	76	77
TMGR	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	85	85	85	85	85
TMGR	HY03	73	84	40	41	82	40	41	41	42	41	41	42	84	43	41	64	41	49	41	31	30	80	32	32
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	32	81	81	81	81	81
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	94	115	181	181	180	183
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	94	116	116	120	116	185
UPIA	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
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		789	749	704	702	743	719	701	721	702	700	701	702	746	704	615	623	706	661	655	681	674	664	651	686
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	2	2	8	10	13	18	20	22	22	14	13	17
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	8	11	13	13	21	31	23	29	30
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	6	11	12	17	23	26	27	30	31	25	32
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	6	13	14	24	30	33	37	37	22	34	47
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	5	10	16	24	15	15	26	26	31	25	19	26
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	7	10	26	10	13	6	20	11	26
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	6	10	11	11	12	20	21	30	22	21	26
JLSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	13	15	21	27	30	33	34	45	38	46
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	5	15	25	41	51	63	71	75	82	85	82	88
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	3	9	10	20	27	32	37	41	42	44	45	45
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	4	8	14	16	23	27	26	30	29	30	29
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	9	23	40	56	69	75	86	93	98	99	93	47
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	3	6	11	15	20	21	25	28	27	29	30	30
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	7	3	9	13	50	41	18	49	48

