

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,499 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,499 MW</b>
<b>Total IPP</b>	<b>18,391 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>24,176 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	20,827	5.70 %
Gas	39,502	10.80 %
<b>Total TNB</b>	<b>60,329</b>	<b>16.50 %</b>
ST-Coal	216,969	59.34 %
LSS	4,739	1.30 %
Gas	82,986	22.69 %
<b>Total IPP</b>	<b>304,694</b>	<b>83.33 %</b>
Co-Gen	555	0.15 %
<b>Total Co-Gen</b>	<b>555</b>	<b>0.15 %</b>
<b>Total Generation</b>	<b>365,578</b>	<b>99.98 %</b>
PLTG	857	0.23 %
HVDC	-941	-0.26 %
<b>Interconnection</b>	<b>-84</b>	<b>-0.02 %</b>
<b>Net Energy</b>	<b>365,662</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:	16:00:00 Hour
Total Set On Bus	18,270 MW
TNB Generation	3,363 MW
IPP Generation	13,744 MW
Spinning Reserve	1,131 MW
Maximum Demand	17,128 MW
Net Energy	365,662 MWH
Load Factor	88.95 %

### Fuel Cost

Total Cost:	133,059,996.30 RM
Cost per Unit	36.40 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	464
Hydro	642
Syncon	651
Thermal	152
<b>Total</b>	<b>1,909</b>

### Time Weather Temperature

Afternoon	Hot	32
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	14898	14122	13600	13161	12913	12778	13080	13341	13715	15138	15841	16257	16205	15875	16488	16989	17128	16762	15876	15975	16874	16591	16038	15562



### 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
KNRG	HY02	36	36	36	36	36	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY03	37	37	37	37	37	37	39	39	39	39	39	39	39	39	39	39	38	38	38	38	38	38	38	38
KNYR	HY01	100	100	100	100	100	100	60	60	60	60	62	100	100	100	100	100	100	100	100	100	102	102	102	102
KNYR	HY02	95	99	63	87	62	99	66	81	95	98	89	100	93	101	86	101	100	100	100	73	100	60	102	61
KNYR	HY03	99	98	98	97	96	96	96	95	59	59	59	59	59	59	61	98	99	99	98	97	97	96	96	95
KNYR	HY04	80	96	97	97	85	97	100	61	62	62	62	99	99	101	101	98	100	100	99	83	100	93	71	70
LPIA	HY01	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	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	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	82	82	83	-1	-1
PGAU	HY02	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	83	83	83	84	22	22	21
PGAU	HY03	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
PGAU	HY04	22	22	22	22	21	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	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	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	25	25	17	17	17	17	17	17	17	17
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	17	17	17	17	17	17	17	17
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	42	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	34	33	31	31	31	31	31	31	32	34	32	32	32	32	88	89	88	88	88	88	89	88	89	34
TMGR	HY03	81	81	43	71	40	83	46	61	80	80	75	84	76	82	68	84	85	84	40	46	46	84	84	76
TMGR	HY04	33	33	31	32	32	33	32	32	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	81	80	81	81	81	
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	94	88	92	88	92	
UJLI	HY02	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	94	89	95	94	149	
UPIA	HY01	6	6	6	6	6	6	6	6	6	6	6	5	5	6	5	5	5	5	5	5	5	5	5	5
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		856	814	737	799	749	822	754	744	598	602	585	644	627	643	766	745	827	825	819	722	796	878	1132	
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
BDSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	5	6	17	21	22	28	16	21	
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	13	17	21	25	14	33	32	
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	11	20	22	25	26	28	32	25	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	10	15	24	28	35	44	42	
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	3	5	10	20	21	26	6	18	
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	0	4	4	5	12	26	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	15	12	22	36	38	40	45	37	
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	10	17	15	25	27	28	28	26	
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	14	13	18	45	24	28	35	
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	15	38	51	60	70	70	71	86	
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	10	24	27	32	37	39	36	36	
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	12	19	22	27	28	28	30	
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	23	34	60	73	83	75	92	99	72	
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	9	17	20	23	27	29	29	29	
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9	6	7	8	7	17	24	30	36	
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	18	26	12	16	34	34	94	49	
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	10	52	62	52	72	73	114	96	97		
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	6	11	19	26	33	41	39	

