

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,412 MW
Distillate	0 MW
Total TNB	2,412 MW
Total IPP	15,513 MW
Total Co-Gen	0 MW
Total System	21,927 MW

Generation Mix

Type	MWh	Percentage
Hydro	16,953	5.37 %
Gas	46,099	14.60 %
Total TNB	63,052	19.97 %
ST-Coal	179,618	56.90 %
LSS	6,123	1.94 %
Gas	66,587	21.09 %
Total IPP	252,328	79.94 %
Co-Gen	401	0.13 %
Total Co-Gen	401	0.13 %
Total Generation	315,781	100.04 %
PLTG	120	0.04 %
Interconnection	120	0.04 %
Net Energy	315,661	100.00 %

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	00:00:00 Hour
Total Set On Bus	17,197 MW
TNB Generation	3,346 MW
IPP Generation	11,888 MW
Spinning Reserve	1,960 MW
Maximum Demand	15,242 MW
Net Energy	315,661 MWH
Load Factor	86.29 %

Fuel Cost

Total Cost:	76,619,045.13 RM
Cost per Unit	24.25 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,521
Hydro	327
Syncon	724
Thermal	351
Total	2,923

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	89
Total TNB	118
CBPS	40
EMPP	164
NPRI	124
PCGP	79
PLPS	37
SPGP	191
Total IPP	636
Total Gas	754
Total Gas Required	754

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	15242	14556	13851	13295	12902	12560	12383	12105	11492	11521	11889	12175	12130	12255	12625	12734	12976	13179	13088	13541	14936	15053	14711	14566

Daily MW Generation on Thursday

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
KNYR	HY01	98	98	98	98	98	98	98	98	98	98	98	98	97	98	98	98	98	98	98	98	98	98	98	98
KNYR	HY02	98	99	99	99	99	99	99	99	99	99	99	98	60	57	99	99	98	98	98	99	99	100	99	99
KNYR	HY03	96	97	97	96	95	94	93	93	92	93	94	95	96	96	95	64	52	93	93	91	91	92	93	93
KNYR	HY04	97	100	100	100	100	99	99	99	99	99	98	100	100	100	98	99	98	97	97	98	100	100	0	0
LPIA	HY01	14	14	14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	8	8	8
LPIA	HY02	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	9	9	9	9	9
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	-1	-1	-1	-1	19	-1	-1	-1	-1	21	21	21	18	21	21	21	18	21	21	21
PGAU	HY02	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	21	21	21	18	21	-1	-1	-1	-1	-1	-1	
PGAU	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21	
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21	
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	
SIHY	HY02	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	
SIHY	HY03	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	
SYPS	HY03	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	
SYPS	HY04	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	
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	88	46	89	46	46	46	47	46	46	46	45	48	46	46	45	45	43	46	88	90	43	44	44	
TMGR	HY03	83	0	0	0	0	0	0	0	32	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
TMGR	HY04	84	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-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	
UPIA	HY02	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	
Total Hydro		932	628	652	600	599	597	596	595	594	615	595	582	556	556	575	585	586	585	505	500	626	630	570	
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	10	14	16	19	21	23	16	
BKLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	9	11	19	12	8	17	27	3	
BSLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	10	14	20	24	7	8	18	35	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	15	20	25	30	35	33	31	12	
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	9	17	20	23	19	22	29	35	
GELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	8	11	15	19	20	23	26	27	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	7	1	5	7	17	29	17	20	29	25	
JELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	8	13	13	10	29	27	17	
JLSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	13	18	24	34	20	42	9	18	
KDLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	9	20	29	45	59	0	11	20	48	91	
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	14	20	23	2	8	13	26	
KMLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	8	9	18	2	4	7	25	27	
KNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15	28	48	49	35	49	17	89	37	
KRLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	15	16	21	6	6	28	23	13	
MALS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	12	7	14	29	30	19	27	29	
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	14	20	29	27	35	35	40	41	
MNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	31	77	87	78	90	82	74	92	
PKLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	7	28	43	58	74	79	84	89	51	90	
SNLS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	9	23	28	20	27	50	17	24	
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	11	18	25	32	27	44	6	21	
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	15	18	26	30	35	27	38	

