

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,337 MW
Distillate	0 MW
Total TNB	2,337 MW
Total IPP	14,948 MW
Total Co-Gen	0 MW
Total System	21,287 MW

Generation Mix

Type	MWh	Percentage
Hydro	21,964	5.79 %
Gas	56,035	14.78 %
Total TNB	77,999	20.57 %
ST-Coal	219,987	58.01 %
LSS	5,657	1.49 %
Gas	76,133	20.07 %
Total IPP	301,777	79.57 %
Co-Gen	-1,244	-0.33 %
Total Co-Gen	-1,244	-0.33 %
Total Generation	378,532	99.81 %
PLTG	-14	0.00 %
HVDC	-700	-0.18 %
Interconnection	-714	-0.19 %
Net Energy	379,246	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:	15:30:00 Hour
Total Set On Bus	19,082 MW
TNB Generation	4,268 MW
IPP Generation	13,502 MW
Spinning Reserve	1,377 MW
Maximum Demand	17,701 MW
Net Energy	379,246 MWH
Load Factor	89.27 %

Fuel Cost

Total Cost:	91,160,294.94 RM
Cost per Unit	23.95 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	927
Hydro	246
Syncon	428
Thermal	145
Total	1,746

Time	Weather	Temperature
Afternoon	Rainy	32
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
GLGR	29
SRDG	9
TJGS	198
Total TNB	236
CBPS	51
KLPP	92
NPRI	77
PCGP	88
PLPS	91
SGRI	108
SKSP	52
SPGP	148
Total IPP	707
Total Gas	942

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Total Gas Required 942

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	15618	14908	14382	13922	13526	13291	13498	13734	14145	15682	16333	16864	16825	16559	17130	17533	17660	17382	16401	16519	17267	17083	16493	16165

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
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSIA	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BSIA	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BSIA	HY03	22	22	23	22	22	23	22	22	23	22	22	23	22	22	22	23	22	23	23	23	22	22	22	
CEND	HY01	6	6	7	6	7	6	7	6	7	7	6	7	6	7	6	10	10	9	9	9	9	9	9	
CEND	HY02	6	6	6	6	6	6	6	6	6	6	6	6	6	6	9	9	9	9	9	9	9	9	9	
CEND	HY03	6	6	6	6	6	6	6	6	6	6	6	6	6	6	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	
HTRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	
HTRG	HY03	8	7	7	7	7	8	8	7	7	7	8	8	7	8	8	8	8	7	7	8	8	7	7	
HTRG	HY04	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
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	
KNRG	HY02	22	22	23	22	23	22	23	23	23	23	23	23	23	23	37	37	37	37	37	37	36	36	36	
KNRG	HY03	22	22	22	22	22	22	22	22	22	22	22	22	22	22	38	38	38	38	38	37	37	37	37	
KNYR	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KNYR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KNYR	HY03	50	52	54	53	54	49	54	95	99	101	100	100	100	55	60	58	60	96	101	101	101	100	100	
KNYR	HY04	57	60	100	59	60	56	61	96	99	100	99	99	99	55	61	60	61	75	99	98	99	99	99	
LPIA	HY01	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	
LPIA	HY02	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
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	
PGAU	HY01	110	20	149	148	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	-1	110	111	111	111	111	111	111	
PGAU	HY02	110	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PGAU	HY03	-1	-1	-1	-1	-1	-1	151	20	20	20	20	20	21	20	21	20	111	111	111	111	111	111	111	
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	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	
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	
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	
TMGR	HY01	-1	-1	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	-1	-1	82	82	81	83	63	44	
TMGR	HY02	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86	86	87	86	86	86	86	
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TMGR	HY04	66	68	70	69	69	68	69	67	70	70	69	70	69	68	69	69	67	-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	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	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	
Total Hydro		556	369	526	477	332	321	335	557	438	442	438	439	507	416	430	449	370	619	763	849	848	850	952	
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	0	0	0	0	0	0	0	0	0	0	
BELS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BKLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BNLS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

