

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,136 MW
Distillate	126 MW
Total TNB	2,262 MW
Total IPP	18,082 MW
Total Co-Gen	0 MW
Total System	24,199 MW

Generation Mix

Type	MWh	Percentage
Hydro	28,325	7.41 %
Distillate	996	0.26 %
Gas	47,167	12.33 %
Total TNB	76,488	20.00 %
ST-Coal	201,857	52.78 %
ST-Oil	3,484	0.91 %
LSS	5,061	1.32 %
Distillate	5,062	1.32 %
Gas	90,571	23.68 %
Total IPP	306,035	80.02 %
Co-Gen	835	0.22 %
Total Co-Gen	835	0.22 %
Total Generation	383,358	100.24 %
PLTG	488	0.13 %
EGAT	6	0.00 %
HVDC	425	0.11 %
Interconnection	919	0.24 %
Net Energy	382,439	100.00 %

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	19,475 MW
TNB Generation	4,619 MW
IPP Generation	13,485 MW
Spinning Reserve	1,318 MW
Maximum Demand	18,099 MW
Net Energy	382,439 MWH
Load Factor	88.04 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,160
Hydro	267
Syncon	223
Thermal	159
Total	1,809

Gas Usage

Station	(mmscfd)
GLGR	32
SRDG	4
TJGS	146
Total TNB	182
CBPS	45
EMPP	259
NPRI	134
PCGP	75
PGLA	21
PLPS	38
SKSP	12
SPGP	145
Total IPP	730
Total Gas	912

Total Gas Required 1,028

Alternate Fuel Usage

Station	(mmscfd)
PGLA	10
SRDG	10
PGLA	10
PLPS	47
SKSP	1
TJGS	2
PKLG	36
Total	116

Time Weather Temperature

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	15410	14720	14177	13722	13428	13219	13486	13480	13898	15640	16502	17136	17056	16822	17556	18008	18073	17709	16699	16637	17645	17505	17002	16469

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	
BSIA	HY01	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	23	23	23	23	23	23	22	22	22	
BSIA	HY02	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	
CEND	HY01	0	0	0	3	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	8	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	9	8	
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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	63	124	122	122	123	123	123	123	123	62
HTRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	121	121	121	119	120	121	63	
HTRG	HY03	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
KNRG	HY01	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	
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	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	
KNYR	HY01	101	101	101	100	100	100	100	100	101	101	102	101	100	101	101	101	101	100	101	100	101	101	101	101	
KNYR	HY02	104	104	104	104	104	104	104	104	104	104	105	104	104	104	105	105	106	106	105	105	105	105	104	106	
KNYR	HY03	105	105	104	104	104	104	104	104	104	105	105	104	104	105	105	0	0	0	0	0	0	0	102	0	
KNYR	HY04	100	100	100	99	99	99	99	99	99	99	100	100	101	100	99	100	100	99	-1	-1	-1	0	0	0	
LPIA	HY02	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	
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	HY03	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	83	83	21	22	22	22	84	153	22	
PGAU	HY04	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	82	82	22	22	22	22	83	152	23	
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	30	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	50	30	
SYPS	HY01	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	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	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	84	84	84	84	85	38	40	42	42	42	46	84	84	41	58	86	64	69	83	40	42	82	80	40	
TMGR	HY02	86	85	84	84	85	82	62	34	33	32	34	34	33	33	-1	-1	65	65	65	83	86	86	86	86	
TMGR	HY03	80	81	79	78	80	77	79	31	31	32	31	32	32	31	0	63	63	63	77	80	81	81	79	80	
TMGR	HY04	83	84	82	84	80	82	84	31	-1	-1	-1	-1	31	32	33	33	33	81	84	84	83	83	61	84	
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	179	103	100		
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	181	105	102		
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	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		1055	1058	1052	1021	1033	976	962	889	836	804	805	813	850	852	837	788	820	926	931	841	876	789	831	1024	982
PGLA	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLPS	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLPS	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	149	142	142	145	145	142	143	145	142	
PLPS	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SKSP	BLK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRDG	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	
TJGS	GT2B	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 Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	149	142	142	145	145	142	143	145	142	143
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	8	9	13	12	19	19	22	
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	7	12	16	14	11	25	30	32		
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	11	12	20	23	30	18	30	16		
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	15	21	27	26	24	33	37	23		

Daily MW Generation on Wednesday

[illegible]