

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,310 MW
Distillate	0 MW
Total TNB	2,310 MW
Total IPP	19,226 MW
Total Co-Gen	0 MW
Total System	25,244 MW

Generation Mix

Type	MWh	Percentage
Hydro	19,605	5.78 %
Gas	61,529	18.13 %
Total TNB	81,134	23.91 %
ST-Coal	156,803	46.21 %
LSS	4,029	1.19 %
Gas	97,313	28.68 %
Total IPP	258,145	76.07 %
Co-Gen	580	0.17 %
Total Co-Gen	580	0.17 %
Total Generation	339,859	100.15 %
PLTG	1,424	0.42 %
EGAT	4	0.00 %
HVDC	-931	-0.27 %
Interconnection	497	0.15 %
Net Energy	339,362	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	17,622 MW
TNB Generation	4,476 MW
IPP Generation	11,402 MW
Spinning Reserve	1,731 MW
Maximum Demand	15,912 MW
Net Energy	339,362 MWH
Load Factor	88.86 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	530
Hydro	683
Syncon	340
Thermal	713
Total	2,266

Time Weather Temperature

Gas Usage

Station	(mmscfd)
GLGR	50
TJGS	188
Total TNB	238
CBPS	38
EMPP	318
NPRI	146
PCGP	92
SKSP	48
SPGP	189
Total IPP	831
Total Gas	1,070
Total Gas Required	1,070

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	13606	12963	12590	12184	12006	11799	12233	12422	12713	13996	14737	15076	15077	14755	14952	15672	15854	15685	14920	14920	15655	15468	14888	14586

Daily MW Generation on Friday

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																											
JMAH	U001	215	216	214	216	215	216	216	214	215	216	214	215	216	215	214	214	215	215	345	406	406	405	406	549	703	705	706	702	706	704	704	706																			
JMHE	U001	977	911	899	903	846	802	801	800	797	798	802	800	797	800	796	802	800	887	897	982	981	978	979	979	978	979	978	978	980	980	979	981	976	979	983	984	977	980	978	978	980	981	979	951							
JMHE	U002	977	919	899	900	860	819	800	800	801	799	801	802	799	798	800	808	799	902	897	961	980	978	979	975	975	976	976	979	980	979	978	974	974	978	978	979	979	969	971	979	972	970	954								
JMJG	U001	425	423	424	425	422	425	422	424	424	425	425	424	424	425	431	488	551	548	590	629	688	681	682	680	679	683	679	683	686	679	677	687	679	682	679	675	685	683	678	683	675	687	683	677	679	682	681	680			
JMJG	U002	673	673	679	677	677	681	673	677	675	673	677	677	676	675	666	677	666	673	679	678	677	674	677	677	678	678	670	679	677	671	678	674	670	677	674	678	677	672	677	678	676	677	673	674	673	677	670	677			
JMJG	U003	673	681	668	683	666	675	667	671	677	670	670	671	675	667	672	678	671	669	677	668	671	677	672	668	667	673	672	672	665	677	670	673	673	675	672	672	673	671	667	677	673	661	677	671	680	634	579				
JMJG	U005	966	937	904	905	877	796	797	801	798	800	803	800	798	799	801	800	803	847	900	953	983	977	976	973	977	978	977	976	974	977	981	973	973	972	972	972	972	971	972	970	971	969	971	972	968	972	970	972	972		
PKLG	U006	448	442	400	318	269	269	270	270	270	269	268	269	270	268	271	269	268	269	269	346	419	442	453	453	449	448	448	414	405	404	406	405	406	405	430	441	385	432	447	449	447	446	449	450	426	450	449	445			
TBIN	U001	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210				
TBIN	U004	981	962	905	903	887	803	804	803	804	803	802	802	803	802	803	803	803	841	903	962	984	982	983	981	984	984	983	982	981	982	982	983	984	983	983	981	984	982	979	982	985	984	982	983	984	980	980	985			
Total ST-Coal		6545	6374	6202	6140	5929	5696	5660	5670	5671	5663	5672	5670	5667	5661	5663	5750	5786	6061	6236	6603	6808	6815	6829	6809	6813	6827	6810	6787	6765	6766	6773	6774	6770	6778	6927	6996	6938	6980	7000	7152	7298	7311	7283	7290	7280	7305	7249	7158			
Total ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 ST-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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CBPS	BLK2	354	287	196	201	201	201	197	198	196	198	200	197	199	202	200	201	301	338	198	198	201	201	201	194	196	195	201	206	200	207	201	202	201	198	202	202	202	202	208	204	199	193	197	197	197	198	201	206			
EMPP	BLK1	657	709	689	711	708	709	676	605	609	550	490	540	703	708	711	654	711	654	711	710	710	687	687	689	710	716	709	717	710	711	711	701	706	712	708	710	719	715	710	686	693	693	689	698	698	709	710	715			
EMPP	BLK2	656	709	690	711	711	709	673	601	599	545	487	537	708	710	713	696	708	709	700	703	692	711	710	710	687	687	688	710	715	708	717	710	711	709	703	712	709	710	720	715	709	684	694	691	688	697	710	715			
EMPP	BLK3	656	711	690	711	711	710	691	693	690	693	694	692	708	709	712	697	708	708	703	703	693	709	709	709	687	688	689	710	716	708	717	710	711	710	705	712	709	710	720	715	703	684	693	690	689	697	709	715			
GLGR	GT01	70	67	66	67	68	68	66	66	66	66	66	66	67	66	66	66	66	65	65	65	66	66	65	65	65	66	67	65	89	107	107	104	106	108	105	107	107	109	105	107	107	105	106	106	107	106	107	73			
GLGR	GT02	68	65	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	65	65	65	89	105	104	105	105	105	105	105	105	106	106	106	105	105	105	106	106	106	71			
GLGR	ST1C	80	71	71	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	71	71	71	82	98	98	98	97	98	97	98	97	97	97	97	96	96	96	96	96	96	96	82				
NPRI	BLK1	359	350	419	349	331	349	326	328	323	326	329	325	329	367	518	409	362	330	428	519	502	527	526	526	497	443	446	525	526	524	522	524	527	526	526	531	529	525	504	521	521	506	521	526	526	525					
NPRI	BLK2	508	514	501	310	308	310	304	307	302	304	306	304	308	309	305	470	518	517	515	514	513	520	518	517	508	509	511	518	524	517	526	518	520	518	514	520	518	518	527	524	517	508	514	512	512	514	516	522			
PCGP	PGRG	583	594	589	603	603	605	585	596	589	593	599	593	597	602	601	598	604	597	600	594	595	602	602	601	583	586	588	602	613	600	614	602	607	600	596	605	604	603	620	612	596	582	592	590	591	594	600	614			
SKSP	BLK1	217	215	219	218	218	218	217	217	217	218	216	217	217	216	218	218	218	218	218	219	216	218	219	217	217	217	218	216	218	219	217	337	338	336	338	336	336	339	337	337	337	336	337	337	338	217	221				
SPGP	BLK1	708	714	713	720	720	719	708	713	707	714	713	705	717	719	716	717	720	718	716	716	711	719	719	719	710	704	704	714	716	715	713	712	707	713	362	0	0	0	0	0	83	215	239	18	0	0	0				
SPGP	BLK2	714	717	715	717	716	719	715	716	714	713	715	714	719	718	717	719	717	717	717	717	713	719	715	718	710	710	709	708	707	710	703	705	698	699	704	708	715	710	716	715	717	715	716	717	713	717	715	716			
TJGS	GT1A	107	113	112	110	111	114	111	112	111	111	112	112	113	111	112	229	227	228	227	226	225	220	107	110	111	108	107	232	225	226	226	226	226	228	225	225	229	226	226	225	226	225	226	226	227	227	229				
TJGS	GT1B	95	99	101	98	99	99	97	100	98	99	99	100	101	99	99	98	99	219	211	215	214	214	214	208	96	99	97	95	213	214	213	214	213	216	216	214	215	212	215	216	216	212	213	215	214	214	214	213			
TJGS	ST1C	145	144	146	146	146	145	145	145	145	145	145	145	145	145	145	238	242	243	243	245	246	242	149	147	147	146	146	203	248	245	246	246	246	246	246	246	246	246	245	244	244	244	244	244	244	244					
TJGS	GT2A	219	148	132	132	132	132	133	132	133	133	133	133	132	133	132	132	132	132	133	132	132	132	132	132	132	132	147	219	219	218	218	220	219	218	218	218	219	219	219	219	219	219	219	219	219	219					
TJGS	GT2B	213	143	127	127	126	127	127	127	127	126	127	127	127	127	126	126	127	127	127	127	127	127	126	125	130	187	126	126	127	142	213	213	212																		

Daily MW Generation on Friday

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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KNYR	HY02	61	60	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
KNYR	HY03	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
KNYR	HY04	59	59	59	59	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
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	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
PGAU	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
PGAU	HY03	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
PGAU	HY04	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	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	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	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	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	0	-1	0	0	-1	-1	0	0	-1	-1	0	-1	0	-1	-1	-1	0	0	-1	-1	-1	-1	-1	-1
TMGR	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
TMGR	HY03	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	44	74	42	84	83	85	56	41	46	43	44	41	56	71	41	41	62	41	52	41	41	61	45	43
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	-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	-1
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		383	411	382	424	423	425	397	382	385	383	385	381	396	413	382	383	404	504	515	524	673	693	678	835
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	0
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JLSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

