

Daily System Generation Summary on Friday

Friday, April 22, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,038 MW
Distillate	0 MW
Total TNB	2,038 MW
Total IPP	20,147 MW
Total Co-Gen	0 MW
Total System	26,464 MW

Generation Mix

Type	MWh	Percentage
Hydro	10,378	2.72 %
Gas	61,267	16.06 %
Total TNB	71,645	18.79 %
ST-Coal	216,596	56.79 %
LSS	4,804	1.26 %
Gas	88,750	23.27 %
Total IPP	310,150	81.32 %
Co-Gen	1,296	0.34 %
Total Co-Gen	1,296	0.34 %
Total Generation	383,091	100.45 %
PLTG	981	0.26 %
HVDC	725	0.19 %
Interconnection	1,706	0.45 %
Net Energy	381,385	100.00 %

Maximum Demand Record

Date: 3/29/2022	18,840 MW
Date: 3/10/2020	394,238 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	19,762 MW
TNB Generation	3,333 MW
IPP Generation	14,865 MW
Spinning Reserve	1,508 MW
Maximum Demand	18,119 MW
Net Energy	381,385 MWH
Load Factor	87.70 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	714
Hydro	466
Syncon	482
Thermal	338
Total	2,000

Time	Weather	Temperature
Afternoon	Cloudy	33
Morning	Sunny	24

Gas Usage

Station	(mmscfd)
GLGR	35
TJGS	162
Total TNB	197
CBPS	48
EMPP	203
NPRI	162
PCGP	79
PLPS	87
SPGP	209
Total IPP	789
Total Gas	986
Total Gas Required	986

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	15753	14993	14392	13920	13800	13656	13715	13540	13921	15501	16342	16754	16828	16724	17293	17941	17980	17428	16563	16425	17005	17113	16822	16426

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, May 9, 2022 9:02:06 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

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
HTRG	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
HTRG	HY03	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
HTRG	HY04	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
KNRG	HY02	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	23	22	23	23	38
KNRG	HY03	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	23	22	22	22	38
LPIA	HY01	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
LPIA	HY02	20	20	20	20	20	19	19	19	19	19	19	19	19	19	19	19	19	20	20	20	20	20	20	20
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	21	21	21	21	21	22	21	21	21	21	21	21	22	22	22	21	21	21	21	21	81	82	81
PGAU	HY04	82	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	20	20	21	20
SIHY	HY02	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	50	50	50
SIHY	HY03	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	50	50	50
SYPS	HY01	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	25	25	25
SYPS	HY03	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	25	25	25
SYPS	HY04	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	25	25	25
TMGR	HY01	86	48	84	41	72	77	42	45	86	42	45	45	42	44	44	42	64	44	78	86	53	42	43	43
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	83	90	56	45	-1	-1	-1	-1
TMGR	HY04	-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	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	93	91	88	92	92	90	92	81
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	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	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		548	373	410	366	298	303	268	270	312	267	270	271	293	295	243	241	266	244	392	399	341	319	386	388
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
BSLS	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
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
JSLs	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
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
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
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
TBLS	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
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	27	28	28	29	29	29	28	29	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
PCUF	CUFK	27	26	25	26	25	27	26	27	25	26	27	25	25	26	26	26	26	26	26	26	26	26	26	26
Total Co-Gen		54	54	53	55	54	56	54	56	53	54	55	53	54	52	54	53	51	54	53	53	55	57	53	54
Total Gen		15788	15320	15025	14740	14406	14226	14007	13825	13817	13751	13746	13752	13757	13884	13592	13490	13921	15003	15503	16010	16359	16677	16802	17054

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						
TIE-EGAT		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				
TIE-HVDC		30	30	30	30	31	31	30	30	31	31	30	30	30	30	30	30	31	31	30	30	30	30	30	30	31	30	30	29	31	29	29	29	30	29	30	30	31	31	31	31	30	31	29	29	30	30							
TIE-PLTG		5	11	2	25	-16	-24	57	16	-14	31	60	20	11	30	22	21	-32	9	-28	-22	-13	23	18	89	-10	19	-3	40	78	102	99	106	130	110	160	116	114	56	41	33	64	63	61	40	52	87	68	39					
Interconnection		35	41	32	56	14	7	87	46	17	62	90	50	42	60	52	51	0	41	2	8	17	53	48	119	20	49	27	70	108	131	130	135	159	139	190	144	143	86	72	65	95	94	91	71	81	116	99	69					
System Total		15753	15279	14993	14684	14392	14219	13920	13779	13800	13689	13656	13702	13715	13824	13540	13439	13921	14962	15501	16002	16342	16624	16754	16935	16828	16731	16724	17008	17293	17731	17941	18119	17980	17912	17428	16941	16563	16365	16425	16597	17005	17236	17113	17091	16822	16628	16426	16268					
SRev ST-Coal		674	685	685	903	939	986	1009	1012	1008	1008	1032	1033	1036	1033	1021	982	984	731	601	610	592	423	251	238	247	263	240	239	219	235	233	185	212	215	248	221	220	237	229	314	303	418	403	402	402	407	573	637					
SRev 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	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			
SRev CCGT-Gas		417	703	895	880	774	483	578	756	687	701	610	626	650	517	780	941	611	315	587	628	835	938	1275	1171	1333	1421	1536	1401	1037	631	290	345	340	346	641	1056	1273	1485	1466	1201	861	513	533	508	755	679	520	512					
SRev 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		
SRev LSS		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		
SRev Co-Gen		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		
Syncon		676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	588	588	588	588	676	676	676	676	676	676	676	489	489	401	401	401	401	489	489	489	489	489	489	302	214	214	401	401	401	401	489				
Hydro		241	341	304	348	316	311	346	344	302	347	344	343	345	343	395	397	372	394	334	316	385	407	427	425	426	426	426	429	427	491	508	577	544	534	536	513	573	540	470	473	566	529	540	437	446	462	462	370					
S.Reserve Total		2008	2405	2560	2807	2705	2456	2609	2788	2673	2732	2662	2678	2707	2569	2872	2996	2643	2116	2110	2142	2400	2356	2629	2510	2682	2786	2878	2745	2359	1846	1520	1508	1497	1496	1826	2279	2555	2751	2654	2477	2032	1674	1690	1748	2004	1949	1956	2008					