

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,043 MW
Distillate	0 MW
Total TNB	2,043 MW
Total IPP	17,348 MW
Total Co-Gen	0 MW
Total System	23,393 MW

Generation Mix

Type	MWh	Percentage
Hydro	12,786	3.32 %
Gas	61,516	15.95 %
Total TNB	74,302	19.27 %
ST-Coal	232,903	60.40 %
LSS	5,597	1.45 %
Gas	72,603	18.83 %
Total IPP	311,103	80.68 %
Co-Gen	-313	-0.08 %
Total Co-Gen	-313	-0.08 %
Total Generation	385,092	99.87 %
PLTG	189	0.05 %
HVDC	-694	-0.18 %
Interconnection	-505	-0.13 %
Net Energy	385,597	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:	16:30:00 Hour
Total Set On Bus	19,165 MW
TNB Generation	3,924 MW
IPP Generation	13,914 MW
Spinning Reserve	1,350 MW
Maximum Demand	17,868 MW
Net Energy	385,597 MWH
Load Factor	89.92 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	586
Hydro	292
Syncon	731
Thermal	203
Total	1,812

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Rainy	23

Gas Usage

Station	(mmscfd)
GLGR	57
TJGS	167
Total TNB	224
CBPS	44
EMPP	179
NPRI	130
PCGP	81
PLPS	35
SKSP	1
SPGP	191
Total IPP	661
Total Gas	885
Total Gas Required	885

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	16324	15488	14864	14450	13936	13759	13894	13927	14219	15917	16519	16993	16733	16398	17192	17625	17853	17549	16415	16467	17634	17554	16962	16688

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, July 20, 2023 8:35:46 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

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																										
JMAH	U001	703	706	708	705	703	706	710	705	705	704	705	705	706	706	708	706	706	707	707	708	707	705	708	705	705	707	708	706	710																					
JMAH	U002	702	705	705	702	703	707	704	704	704	707	708	700	704	704	708	707	704	706	705	709	703	706	705	707	706	700	704	704	708	704	712	707	697	703	708	699	707													
JMHE	U001	975	974	975	976	978	945	899	897	902	901	903	903	900	903	900	900	901	899	901	899	977	976	975	973	973	974	973	974	973	971	974	973	971	975	973	973	978	973	972											
JMHE	U002	499	500	496	500	500	500	500	498	498	499	502	500	501	499	498	499	502	503	500	500	501	500	500	501	502	499	502	498	499	498	500	499	499	499	501	501	500	498	502	498	505	502	504							
JMJG	U002	671	679	677	677	669	672	679	678	673	678	677	673	677	679	672	678	672	677	673	675	680	678	672	672	671	678	674	672	679	672	671	675	673	675	678	672	671	673	677	676	674	677	675	673	677					
JMJG	U003	680	674	672	672	671	672	672	666	676	672	672	672	671	668	672	674	668	675	669	673	664	664	659	670	667	668	663	667	673	659	668	601	539	546	541	503	495	500	495	499	497	497	496	498	499	499	501	500		
JMJG	U004	975	972	977	978	969	914	897	899	898	900	900	902	901	902	901	901	900	900	899	939	973	982	981	978	982	980	983	980	977	982	982	983	983	980	978	981	979	981	977	978	981	977	980	981	983	983	982			
JMJG	U005	979	983	983	982	972	897	900	901	897	903	902	904	902	900	899	901	901	897	900	900	798	788	803	862	934	983	978	981	983	980	983	983	981	985	985	983	978	986	983	982	985	978	985	979	979	723	697	713		
PKLG	U003	276	277	277	276	277	276	278	255	150	150	158	160	155	150	151	151	206	270	274	275	280	278	279	279	277	280	279	279	280	279	280	279	278	280	280	281	280	279	277	279	278	285	288	288	287	287	277	277	227	
PKLG	U004	242	235	238	240	236	237	236	237	237	238	238	238	238	238	238	238	239	210	172	151	149	139	139	142	135	130	130	129	132	132	156	146	165	230	279	284	246	212	211	260	277	285	287	287	287	281	278	281		
PKLG	U005	466	464	464	468	467	466	455	364	294	267	269	269	267	269	269	269	298	400	456	466	466	469	469	468	467	471	468	468	468	464	464	469	465	467	467	466	467	468	468	466	466	468	470	465	468	464	467			
PKLG	U006	448	448	446	451	451	449	449	447	450	447	444	445	450	448	449	446	450	452	451	449	449	446	449	449	446	446	447	449	451	446	449	450	448	448	449	449	447	450	453	450	449	447	446	446	447	447				
TBIN	U001	698	701	699	701	699	699	700	696	650	595	602	601	642	650	650	650	650	695	700	698	699	699	700	699	703	700	700	698	698	698	703	696	699	701	698	700	700	699	701	700	694	699	696	703	706	697	700			
TBIN	U003	698	695	696	695	695	695	696	695	670	601	602	602	645	650	650	649	650	695	695	695	692	694	693	697	694	696	695	695	695	694	694	696	696	696	693	693	696	695	694	696	695	695	696	695	696	696	693			
TBIN	U004	982	980	981	982	975	903	902	903	903	904	903	904	905	902	903	905	904	903	983	982	983	981	981	983	983	985	983	985	983	983	983	986	984	984	984	982	988	984	983	983	982	981	981	978	981	983				
Total ST-Coal		9994	9993	9994	10005	9965	9738	9677	9545	9307	9165	9186	9177	9263	9271	9267	9272	9352	9588	9606	9595	9686	9696	9716	9787	9838	9901	9884	9893	9899	9872	9913	9847	9789	9877	9931	9876	9816	9815	9798	9847	9874	9886	9888	9873	9883	9631	9573	9563		
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	
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
CBPS	BLK2	220	222	222	222	222	222	221	222	223	221	224	222	221	222	222	222	221	221	221	222	237	329	360	244	221	221	220	221	314	357	358	357	358	359	358	246	359	344	344	344	344	345	345	344	344	344	344	344	344	
EMPP	BLK1	647	532	422	416	417	416	414	397	400	401	394	398	407	406	408	394	488	408	709	710	701	710	689	710	692	491	503	682	699	704	709	710	702	709	680	702	677	709	695	717	698	708	695	709	684	732	691	696		
EMPP	BLK3	647	534	419	413	415	412	414	398	400	403	394	399	408	407	408	394	486	596	709	710	703	709	690	710	693	491	503	688	696	708	707	709	699	712	683	697	682	710	697	717	695	709	695	708	684	731	692	695		
GLGR	GT01	102	97	84	85	85	85	84	83	85	85	84	70	66	66	79	84	83	84	104	105	103	104	102	101	102	103	103	103	102	103	100	101	102	103	103	104	103	103	105	104	104	104	105	103	104	104	104	104		
GLGR	GT02	102	95	84	84	84	84	83	84	83	83	83	83	68	66	66	77	83	84	103	103	103	103	105	105	105	105	105	105	105	104	105	102	103	103	103	102	103	103	103	103	103	103	103	103	103	103	103	103	103	
GLGR	ST1C	93	89	83	83	83	83	83	83	83	83	84	79	71	70	78	83	83	83	93	93	93	93	94	94	94	94	94	94	94	94	94	94	96	93	94	94	94	94	95	93	94	93	94	93	94	94	94			
NPRI	BLK1	337	333	329	331	332	332	330	319	321	320	314	321	326	325	326	317	332	340	346	417	524	524	512	523	341	332	329	332	453	515	517	516	511	515	495	486	469	348	454	521	518	520	515	520	505	520	491	488		
NPRI	BLK2	509	328	322	326	326	326	323	311	316	314	309	314	320	318	319	311	325	331	337	404	523	525	518	524	346	329	325	327	524	524	520	523	519	523	511	520	512	341	394	526	520	526	521	525	519	524	517	520		
PCGP	PGRG	594	604	598	400	401	402	401	398	399	398	401	400	402	406	404	405	404	601	602	603	597	601	591	602	596	602	599	603	604	599	595	599	595	597	585	597	586	605	597	612	598	603	598	602	592	627	594	598		
PLPS	GT13	124	125	124	125	125	125	125	124	124	125	125	125	125	125	124	124	124	124	124	124	124	125	125	125	125	124	124	124	125	125	125	124	125	125	125	124	124	124	125	125	125	124	124	125	125	125	125			
PLPS	ST18	57	58	57	57	58	57	58	58	57	57	57	57	57	58	58	58	58	57	58	57	58	58	58	57	57	57	58	58	58	58	58	58	58	58	58	57	58	58	58	58	58	57	58	57	58	57	57			
SKSP	BLK1	129	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		
SPGP	BLK1	719	717	715	635	437	489	439	438	439	438	440	440	438	489	487	489	489	712	717	715	716	715	719	719	717	716	717	712	711	712	714	714	714	712	714	712	708	710	711	713	716	715	717	713	718	720	721	719		
SPGP	BLK2	716	722	720	722	557	539	489	428	433	431	426	430	440	486	438	426	444	718	722	721	720	721																												

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	
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	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	25	24	24	
KNRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	23	23	23	
KNRG	HY03	23	23	23	23	23	23	23	23	23	23	23	23	40	40	40	40	40	40	40	40	38	23	23	40	
KNYR	HY02	98	98	99	98	97	97	97	97	96	97	93	93	97	98	97	55	59	59	60	60	100	99	100	96	
KNYR	HY03	94	94	93	92	91	91	90	89	89	89	89	90	92	93	51	49	52	53	54	54	53	90	90	92	
KNYR	HY04	99	99	100	99	98	98	98	98	98	94	94	98	99	58	56	60	60	61	61	62	100	99	99	96	
LPIA	HY01	14	12	12	12	12	12	12	12	12	12	12	12	12	12	15	14	14	14	14	14	14	14	14	12	
LPIA	HY02	11	10	10	11	10	11	10	11	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	
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	18	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	19	20	-1	
PGAU	HY02	-1	-1	-1	-1	24	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	-1	-1	-1		
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	30	30	0		
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	30	30	0		
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	30	30	0		
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	23	23	23	24	24	24	17	0		
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	17	0	0		
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	17	0	0		
TMGR	HY01	43	45	45	45	65	54	62	42	43	43	41	41	45	45	46	43	44	48	59	46	44	45	44	43	
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
TMGR	HY04	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	33	34	12		
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	88	90	83	-1		
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	90	92	-1			
UPIA	HY02	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
Total Hydro		449	426	427	425	466	430	457	415	415	417	406	407	421	424	341	293	305	329	355	328	326	442	437	439	509
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	0
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	5	7	8	10	12	10	11	
BKLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	11	12	17	24	21	27	31	
BSLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	16	17	20	6	15	23	29	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	4	7	11	12	10	7	11	21	
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	4	7	20	29	23	29	30	
GELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	9	12	17	15	19	17	22	21	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	13	16	24	12	15	17	40	29	
JELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	8	15	14	12	18	26	22	28	
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	8	11	15	17	17	20	23	21	
KDLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	20	49	54	54	20	47	64	88	
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	10	25	22	16	34	18	23	44	
KMLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	5	14	21	17	6	15	18	30	
KNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	13	21	37	41	86	69	84	68	74	
KRLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	7	11	22	30	30	20	19	29	
MALS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	7	10	9	9	17	17	20	24	
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	7	11	15	18	19	15	18	
MNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	10	12	18	28	42	38	29	34	
PKLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	40	56	77	60	80	95	101	85	
SNLS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	10	17	10	10	32	35	50	
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	9	12	23	19	25	40	26	28	

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																								
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	9	12	17	34	22	21	27	31	21	32	31	33	26	19	19	22	16	6	7	2	0	0	0	0	0	0	0	0	0		
STLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	8	11	15	17	11	12	14	15	12	10	9	9	8	8	7	5	4	3	2	1	0	0	0	0	0	0	0	0	0		
TBLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	14	12	19	17	23	30	30	16	30	28	30	30	30	15	26	20	12	10	16	12	4	1	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	8	59	153	230	395	490	552	587	650	697	789	753	781	763	751	685	653	569	441	378	375	253	146	49	1	0	0	0	0	0	0	0	0	
ESTL	ESTL	13	11	10	8	8	8	8	8	8	8	3	0	0	0	0	0	-9	0	-12	-12	-12	-13	-13	-13	-14	0	6	6	9	14	11	17	17	10	13	11	15	12	11	20	20	17	8	0	6			
KHTC	BLK1	-25	-22	-23	-21	-20	-20	-19	-22	-19	-18	-17	-19	-18	-22	-19	-20	-25	-25	-27	-32	-33	-33	-37	-38	-41	-41	-41	-44	-43	-44	-44	-49	-43	-45	-45	-46	-43	-42	-40	-38	-38	-35	-36	-36	-32	-30	-28	-28
PCUF	CUFG	12	4	2	4	3	4	2	2	3	3	4	1	3	2	2	2	3	3	3	3	4	3	3	4	2	2	3	2	3	3	2	3	3	2	3	3	2	3	4	4	2	3	3	3	3			
PCUF	CUFK	5	7	7	7	7	7	8	7	7	7	8	7	6	5	7	7	7	7	6	5	6	7	6	4	4	3	3	4	5	6	3	5	4	6	3	5	5	5	5	4	13	23	24	23	25			
PFTZ	PFTZ	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	2	2			
Total Co-Gen		9	4	0	2	2	3	3	-1	3	4	7	-4	-5	-11	-5	-7	-12	-12	-14	-29	-21	-32	-34	-37	-43	-42	-45	-49	-33	-28	-27	-27	-19	-23	-19	-17	-22	-17	-18	-11	-15	-13	-4	5	14	9	0	8
Total Gen		16304	15738	15456	15187	14835	14601	14458	14137	13938	13791	13762	13737	13879	13976	13887	13782	14184	15272	15879	16130	16519	16738	16961	17054	16686	16402	16357	16767	17217	17591	17633	17722	17823	17815	17529	16840	16387	16226	16487	17297	17655	17635	17541	17294	16947	16799	16668	16425
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		
TIE-HVDC		-29	-29	-29	-30	-28	-30	-28	-29	-28	-28	-28	-28	-29	-28	-30	-30	-28	-29	-30	-30	-28	-29	-30	-30	-28	-28	-30	-28	-30	-28	-30	-29	-29	-28	-28	-28	-28	-28	-28	-30	-28	-30	-28	-29	-28	-31		
TIE-PLTG		9	-26	-3	7	-1	2	36	37	30	39	31	17	14	2	-12	4	-6	23	-7	-2	28	-3	-3	7	-17	-20	-11	43	53	68	36	-7	-2	-25	8	-25	0	-2	49	4	49	16	15	-27	14	-69	8	-5
Interconnection		-20	-54	-32	-23	-29	-28	8	8	2	10	3	-11	-15	-27	-40	-24	-35	-7	-38	-32	0	-31	-32	-22	-47	-50	-41	14	25	38	8	-37	-30	-53	-20	-54	-28	-31	20	-23	21	-14	-13	-56	-15	-98	-20	-36
System Total		16324	15792	15488	15210	14864	14629	14450	14129	13936	13781	13759	13748	13894	14003	13927	13806	14219	15279	15917	16162	16519	16769	16993	17076	16733	16452	16398	16753	17192	17553	17625	17759	17853	17868	17549	16894	16415	16257	16467	17320	17634	17649	17554	17350	16962	16897	16688	16461
SRev ST-Coal		212	213	212	201	241	467	514	584	651	707	706	712	674	631	631	626	633	545	487	496	284	174	154	263	212	169	186	177	171	198	157	203	181	199	145	200	200	171	188	139	112	115	98	113	103	178	163	108
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		
SRev CCGT-Gas		1407	1594	1874	2154	2507	2479	2588	2731	2696	2704	2746	2752	2709	2617	2625	2693	2429	1695	1207	1068	871	829	654	694	1224	1663	1653	1283	941	577	537	350	250	219	346	765	1006	1069	695	230	260	210	263	215	420	408	377	528
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	
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	
SRev Co-Gen		0	-1	0	1	0	0	-1	1	0	0	-1	0	0	0	0	0	1	0	0	0	0	0	-1	1	0	1	0	0	0	1	1	2	0	0	0	0	1	0	0	-1	1	-1	1	0	0	-1	0	0
Syncon		890	890	890	890	739	890	739	891	891	891	891	891	978	978	978	978	827	827	978	978	978	978	978	978	978	978	978	978	827	827	516	516	517	827	978	978	978	365	277	277	277	516	703	703	703	890		
Hydro		159	134	133	135	245	130	254	144	144	142	153	152	138	135	218	266	254	381	355	231	233	117	122	120	125	126	125	118	114	120	245	245	421	416	383	248	122	117	115	446	466	550	602	427	273	226	271	174
S.Reserve Total		2668	2830	3109	3381	3732	3966	4094	4351	4382	4444	4495	4507	4412	4361	4452	4563	4295	3448	2876	2773	2366	2097	1909	2055	2540	2936	2942	2556	2204	1874	1767	1627	1368	1350	1391	2040	2307	2335	1976	1179	1116	1151	1241	1271	1499	1514	1514	1700