To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week Declaration
SAVANNAH RIVER SYSTEM
Revised 10/9/2013 11:32

1 Reset=0

Usable Pump Window	10.00 HRS
Iteration Increment	10.00
Gen (Sched/Observed)	0.97686
Allowed Imbalance	-0.50

HARTWELL

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	NET TOTAL INFLOW (CFS)	LOCAL IN (CFS)	NATURAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)	RAINFALL (INCHES)	HART	RBR	JST
Wed 02-Oct-2013	660.08	660.00	2554120	2199	1567	2199	3624	0	1174			n/a	2551289	660.03		660.00	474.50	330.00
Thu 03-Oct-2013	660.03	660.00	2551295	4395	2835	4395	3825	0	1229			n/a	2552427	660.05		1500	-500	500
Fri 04-Oct-2013	660.05	660.00	2552425	5384	1491	5384	2248	0	729			n/a	2558653	660.16		1200		800
Sat 05-Oct-2013	660.16	660.00	2558640	3991	1152	3991	0	0	0			n/a	2566566	660.30		0.85	0.5	0.85
Sun 06-Oct-2013	660.30	660.00	2566550	7127	4170	7127	0	0	0			n/a	2580704	660.55		1.0	0.8	1.0
Mon 07-Oct-2013	660.55	660.00	2580675	8431	3952	8431	6150	0	1970			n/a	2585204	660.63			6875	
Tue 08-Oct-2013	660.63	660.00	2585195	4126	785	4126	4696	0	1509	100	100	n/a	2584063	660.61				
Wed 09-Oct-2013	660.61	660.00	2584063	1450	1200	1450	4571	0	1476	1376	1576	n/a	2577864	660.50				
Thu 10-Oct-2013	660.50	660.00	2577864	1750	1500	1750	4571	0	1476	1376	1576	n/a	2572262	660.40				
Fri 11-Oct-2013	660.40	660.00	2572262	1750	1500	1750	4571	0	1476	1376	1576	n/a	2566659	660.30				
Sat 12-Oct-2013	660.30	660.00	2566659	1750	1500	1750	0	0	0	0	100	n/a	2570135	660.36				
Sun 13-Oct-2013	660.36	660.00	2570135	1750	1500	1750	0	0	0	0	100	n/a	2573610	660.42				
Mon 14-Oct-2013	660.42	660.00	2573610	1750	1500	1750	5630	0	1817	1717	1917	n/a	2565905	660.29				
Tue 15-Oct-2013	660.29	660.00	2565905	1750	1500	1750	5630	0	1817	1717	1917	n/a	2558199	660.15				
Wed 16-Oct-2013	660.15	659.93	2558199	1750	1500	1750	5630	0	1817	1717	1917	n/a	2550493	660.02				
Thu 17-Oct-2013	660.02	659.87	2550493	1750	1500	1750	5630	0	1817	1717	1917	n/a	2542788	659.88				
Fri 18-Oct-2013	659.88	659.80	2542788	1750	1500	1750	5630	0	1817	1717	1917	n/a	2535082	659.74				

RUSSELL

				NET	LOC	NAT			GEN	MIN	MAX					PUMP HR	PUMP CFS	AVL UNITS
Wed 02-Oct-2013	474.82	475.00	1021455	6429	-798	1401	11116	0	2990			7682	1012146	474.47		13	3602	3
Thu 03-Oct-2013	474.47	475.00	1012191	5584	-1107	3288	11962	0	3227			5909	999525	473.99		10	2866	3
Fri 04-Oct-2013	473.99	475.00	0999589	5475	-485	4899	9428	0	2527			7682	991738	473.69		13	3712	3
Sat 05-Oct-2013	473.69	475.00	0991773	2763	-254	3737	0	0	0			6500	997260	473.90		11	3017	3
Sun 06-Oct-2013	473.90	475.00	0997240	3038	30	7158	0	0	0			5909	1003274	474.13		10	3008	3
Mon 07-Oct-2013	474.13	475.00	1003253	9274	1317	9748	6746	0	1816			3545	1008272	474.32		6	1807	3
Tue 08-Oct-2013	474.32	475.00	1008240	4583	-113	4013	5781	0	1559	100	100	0	1005861	474.23		0	0	3
Wed 09-Oct-2013	474.23	475.00	1005861	4477	-94	1356	5514	0	1484	1384	1584	0	1003801	474.15		0	0	2
Thu 10-Oct-2013	474.15	475.00	1003801	4493	-78	1672	1300	0	350	250	450	0	1010142	474.39		0	0	2
Fri 11-Oct-2013	474.39	475.00	1010142	4506	-65	1685	5815	0	1565	1465	1665	0	1007542	474.29		0	0	2
Sat 12-Oct-2013	474.29	475.00	1007542	-54	-54	1696	0	0	0	0	0	0	1007434	474.29		0	0	2
Sun 13-Oct-2013	474.29	475.00	1007434	-58	-58	1692	0	0	0	0	0	0	1007318	474.28		0	0	2
Mon 14-Oct-2013	474.28	475.00	1007318	9005	-63	1687	8480	0	2282	2182	2382	7091	1008361	474.32		12	3438	2
Tue 15-Oct-2013	474.32	475.00	1008361	9033	-34	1716	8480	0	2282	2182	2382	7091	1009459	474.37		12	3438	2
Wed 16-Oct-2013	474.37	475.00	1009459	9049	-19	1731	8480	0	2282	2182	2382	7091	1010588	474.41		12	3438	2
Thu 17-Oct-2013	474.41	475.00	1010588	9057	-10	1740	8480	0	2282	2182	2382	7091	1011734	474.45		12	3438	2
Fri 18-Oct-2013	474.45	475.00	1011734	9062	-6	1744	8480	0	2282	2182	2382	7091	1012890	474.50		12	3438	2
				NET	LOC	NAT			GEN	MIN	MAX					60		

THURMOND

Wed 02-Oct-2013	328.94	330.00	2435800	8605	1091	2492	4370	0	1086			-7682	2444211	329.06		0.32	0.27	0.25
Thu 03-Oct-2013	329.07	330.00	2444900	10816	1721	13682	4817	0	1206			-5909	2456815	329.24		0.32	0.27	0.25
Fri 04-Oct-2013	329.25	330.00	2457500	7182	1465	10894	4359	0	1091			-7682	2463107	329.33		0.32	0.27	0.25
Sat 05-Oct-2013	329.33	330.00	2463100	-2067	950	950	3933	0	993			-6500	2451185	329.16		0.32	0.27	0.25
Sun 06-Oct-2013	329.17	330.00	2451900	-3192	-184	-184	3866	0	984			-5909	2437882	328.97		0.32	0.27	0.25
Mon 07-Oct-2013	328.99	330.00	2439300	5171	231	6977	4112	0	1039	100	100	-3545	2441403	329.02		0.32	0.27	0.25
Tue 08-Oct-2013	329.04	330.00	2442800	4017	-1764	4017	4017	0	1007	3800	27000	0	2442800	329.04		0.32	0.27	0.25
Wed 09-Oct-2013	329.09	330.00	2442800	6314	800	6314	4025	0	988	963	1013	0	2447346	329.10		0.32	0.27	0.25
Thu 10-Oct-2013	329.10	330.00	2447346	2116	816	2116	4025	0	988	963	1013	0	2443555	329.05		0.32	0.27	0.25
Fri 11-Oct-2013	329.05	330.00	2443555	6647	832	6647	4025	0	988	963	1013	0	2448763	329.13		0.32	0.27	0.25
Sat 12-Oct-2013	329.13	330.00	2448763	849	849	849	3920	0	962	938	987	0	2442664	329.04		0.32	0.27	0.25
Sun 13-Oct-2013	329.04	330.00	2442664	866	866	866	3920	0	962	938	987	0	2436598	328.95		0.32	0.27	0.25
Mon 14-Oct-2013	328.95	330.00	2436598	5926	883	9363	3920	0	962	938	987	-7091	2440582	329.01		0.32	0.27	0.25
Tue 15-Oct-2013	329.01	330.00	2440582	5943	901	9381	3920	0	962	938	987	-7091	2444600	329.07		0.32	0.27	0.25
Wed 16-Oct-2013	329.07	329.93	2444600	5961	919	9399	3920	0	962	938	987	-7091	2448655	329.12		0.32	0.27	0.25
Thu 17-Oct-2013	329.12	329.87	2448655	5980	937	9417	3920	0	962	938	987	-7091	2452745	329.18		0.32	0.27	0.25
Fri 18-Oct-2013	329.18	329.80	2452745	5999	956	9436	3920	0	962	938	987	-7091	2456873	329.24		0.32	0.27	0.25
	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)		LOCAL IN (CFS)	NATURAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)		HART Gen/Q	RBR Gen/Q	THUR Gen/Q
					2279	-201	502	4211	1058	0.25						**0.32**	**0.27**	**0.25**

Weekly Generation Totals --->		9120	11435	6769
for week beginning	Sat 12-Oct	Hartwell	Russell	Thurmond
Weekly Average Discharge		4021	6057	3920
Current Week Gen Totals		8970	11385	6965
for week beginning	Sat 5-Oct	7906	6774	6987
Weekly Average Discharge		3508	3594	4000
		1064	4611	-22
		1500	-35	902

Current Week

27304 (MW-HR) Contracted
27320 Originally Declared
21666 (MW-HR) Obs/Proj
-5654 (MW-HR) Short of Dec
27 (unit-hours) Pumping

Next Week

27304 (MW-HR) Contracted
27324 (MW-HR) Declared
20 (MW-HR) Over Contract

Ending Pool Babance 0.497 ft
80 unit-hours Contracted next week
60 unit-hours Pumping next Week
5200(MW-HR) contracted from pumping
0.977 Schedule/Gen Ratio

REMARKS

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hours
Wed 10/09 20:00 CDT	Thu 10/10 05:00 CDT	0
Thu 10/10 19:00 CST	Fri 10/11 05:00 CDT	0
Fri 10/11 19:00 CST	Sat 10/12 05:00 CDT	0
Sat 10/12 18:00 CST	Sun 10/13 05:00 CDT	0
Sun 10/13 18:00 CST	Mon 10/14 05:00 CDT	0
Mon 10/14 18:00 CST	Tue 10/15 05:00 CDT	12
Tue 10/15 18:00 CST	Wed 10/16 05:00 CDT	12
Wed 10/16 18:00 CST	Thu 10/17 05:00 CDT	12
Thu 10/17 18:00 CST	Fri 10/18 05:00 CDT	12
Fri 10/18 18:00 CST	Sat 10/19 05:00 CDT	12