NOV. 1, 2008 - BASIC SIMULATION - 26.3 MAF
SH NV SS 30 DAYS, UNBAL FP -4.1 GR +0.9 OA +1.8
Elevations & Storages are for Date Shown
Avg Discharge & Energy are Monthly Values
Date of Study: NOV. 1, 2008

	31-Oct-08	30-Nov	2008 31-Dec	2009 31-Jan	28-Feb
FORT PECK -------					
ELEV FTMSL	2209.7	2210.2	2210.2	2210.8	2211.6
DISCH KCFS	4.1	4.0	6.0	6.0	6.0
GARRISON --------					
ELEV FTMSL	1825.9	1826.1	1825.1	1824.0	1823.3
DISCH KCFS	11.0	11.0	14.0	16.0	16.0
OAHE ----------					
ELEV FTMSL	1592.0	1593.4	1593.2	1593.4	1593.8
DISCH KCFS	13.8	4.8	13.7	14.7	15.4
BIG BEND --------					
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	13.1	4.5	13.5	14.7	15.4
FORT RANDALL ----					
ELEV FTMSL	1341.2	1339.0	1341.0	1344.8	1350.0
DISCH KCFS	15.5	6.5	11.4	10.9	9.5
GAVINS POINT ----					
ELEV FTMSL	1207.7	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	18.2	9.0	12.5	12.5	12.5
SYSTEM ----------					
STORAGE 1000 AF	44357	44703	44495	44616	45019
ENERGY GWh	1587	244	444	471	427
PEAK POWER MW		2148	2152	2168	2177

NOV. 1, 2008 - LOWER BASIC SIMULATION - 25.7 MAF
SH NV SS 30 DAYS, UNBAL FP -4.6 GR +1.8 OA +1.2

	31-Oct-08	30-Nov	2008 31-Dec	2009 31-Jan	28-Feb
FORT PECK -------					
ELEV FTMSL	2209.7	2209.6	2209.1	2209.2	2209.5
DISCH KCFS	4.1	4.0	5.5	5.5	5.5
GARRISON --------					
ELEV FTMSL	1825.9	1825.7	1824.5	1823.5	1822.9
DISCH KCFS	11.0	11.0	13.0	14.0	14.0
OAHE ----------					
ELEV FTMSL	1592.0	1593.0	1592.4	1592.1	1591.8
DISCH KCFS	13.8	6.0	14.1	15.1	16.0
BIG BEND --------					
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	13.1	5.6	13.8	15.1	16.0
FORT RANDALL ----					
ELEV FTMSL	1341.2	1339.0	1341.0	1344.8	1350.0
DISCH KCFS	15.5	7.5	11.7	11.2	10.0
GAVINS POINT ----					
ELEV FTMSL	1207.7	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	18.2	9.0	12.5	12.5	12.5
SYSTEM ----------					
STORAGE 1000 AF	44357	44383	43981	43896	44062
ENERGY GWh	1570	263	437	455	415
PEAK POWER MW		2143	2145	2158	2163

NOV. 1, 2008 - UPPER BASIC SIMULATION - 26.8 MAF
SH NV SS 30 DAYS, UNBAL FP -3.4 GR +1.0 OA +1.3

	31-Oct-08	30-Nov	2008 31-Dec	2009 31-Jan	28-Feb
FORT PECK -------					
ELEV FTMSL	2209.7	2210.8	2211.3	2212.4	2213.7
DISCH KCFS	4.1	4.0	6.0	6.0	6.0
GARRISON --------					
ELEV FTMSL	1825.9	1826.5	1825.8	1824.9	1824.6
DISCH KCFS	11.0	11.0	14.0	16.0	16.0
OAHE ----------					
ELEV FTMSL	1592.0	1593.7	1593.6	1594.0	1594.5
DISCH KCFS	13.8	4.6	13.2	14.3	14.8
BIG BEND --------					
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	13.1	4.4	13.1	14.3	14.8
FORT RANDALL ----					
ELEV FTMSL	1341.2	1339.0	1341.0	1344.8	1350.0
DISCH KCFS	15.5	6.6	11.1	10.5	9.0
GAVINS POINT ----					
ELEV FTMSL	1207.7	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	18.2	9.0	12.5	12.5	12.5
SYSTEM ----------					
STORAGE 1000 AF	44357	44994	44979	45279	45891
ENERGY GWh	1566	243	438	466	419
PEAK POWER MW		2151	2158	2176	2187

DATE OF STUDY 11/03/08 NOV. 1, 2008 BASIC SIMULATION - 26.3 MAF 99001 9901
4 PAGE 1

TIME OF STUDY 15:31:45 SH NV SS 30 DAYS, Unbal FP -4.1 GR +0.9 OA +1.8
STUDY NO 6

VALUES IN 1000 AF EXCEPT AS INDICATED

31OCT08		2008					2009
	INI-SUM	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--							
NAT INFLOW	1260	155	72	83	270	315	365
DEPLETION	-469	-39	-18	-21	-131	-154	-107
EVAPORATION	105	33	16	18	39		
MOD INFLOW	1624	160	75	85	362	469	472
RELEASE	1309	119	56	63	369	369	333
STOR CHANGE	314	41	19	22	-7	100	139
STORAGE	10521	10562	10581	10603	10597	10697	10835
ELEV FTMSL	2209.7	2210.0	2210.1	2210.2	2210.2	2210.8	2211.6
DISCH KCFS	4.1	4.0	4.0	4.0	6.0	6.0	6.0
POWER							
AVE POWER MW		50	50	50	74	74	75
PEAK POW MW		139	139	139	139	140	141
ENERGY GWH	196.7	17.9	8.3	9.5	55.3	55.4	50.2
--GARRISON--							
NAT INFLOW	1190	180	84	96	210	260	360
DEPLETION	-369	-96	-45	-51	-83	-63	-32
CHAN STOR	-20	1			-21		
EVAPORATION	130	41	19	22	47		
REG INFLOW	2719	354	165	188	594	692	725
RELEASE	3388	327	153	175	861	984	889
STOR CHANGE	-669	27	12	14	-267	-292	-163
STORAGE	14794	14821	14833	14847	14580	14288	14125
ELEV FTMSL	1825.9	1826.0	1826.0	1826.1	1825.1	1824.0	1823.3
DISCH KCFS	11.0	11.0	11.0	11.0	14.0	16.0	16.0
POWER							
AVE POWER MW		128	128	128	162	183	182
PEAK POW MW		426	426	426	423	419	416
ENERGY GWH	470.7	45.9	21.4	24.5	120.2	136.3	122.3
--OAHE--							
NAT INFLOW	165	33	15	17		10	90
DEPLETION	71	2	1	1	15	20	32
CHAN STOR	-23		0	0	-14	-9	
EVAPORATION	124	39	18	21	46		
REG INFLOW	3335	319	149	170	786	965	947
RELEASE	2885	125	75	88	841	902	855
STOR CHANGE	450	193	74	82	-54	63	92
STORAGE	14505	14698	14772	14854	14800	14863	14955
ELEV FTMSL	1592.0	1592.8	1593.1	1593.4	1593.2	1593.4	1593.8
DISCH KCFS	13.8	4.2	5.4	5.5	13.7	14.7	15.4
POWER							
AVE POWER MW		50	65	66	164	176	185
PEAK POW MW		632	634	635	634	636	637
ENERGY GWH	418.2	18.1	10.9	12.7	121.8	130.6	124.0
--BIG BEND--							
EVAPORATION	31	10	5	5	11		
REG INFLOW	2854	116	70	82	829	902	855
RELEASE	2854	116	70	82	829	902	855
STORAGE	1621	1621	1621	1621	1621	1621	1621
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	13.1	3.9	5.1	5.2	13.5	14.7	15.4
POWER							
AVE POWER MW		20	26	26	68	72	74
PEAK POW MW		538	538	538	538	538	529
ENERGY GWH	170.2	7.1	4.3	5.1	50.4	53.7	49.6
--FORT RANDALL--							
NAT INFLOW	85	5	2	3	5	20	50
DEPLETION	11	1	0	1	3	3	3
EVAPORATION	28	9	4	5	10		
REG INFLOW	2900	111	68	80	821	919	902
RELEASE	2288	182	98	110	701	669	528
STOR CHANGE	613	-72	-30	-30	120	250	374
STORAGE	2512	2440	2410	2380	2501	2751	3125
ELEV FTMSL	1341.2	1340.0	1339.5	1339.0	1341.0	1344.8	1350.0
DISCH KCFS	15.5	6.1	7.1	6.9	11.4	10.9	9.5
POWER							
AVE POWER MW		46	53	52	85	83	76
PEAK POW MW		296	294	292	301	319	339
ENERGY GWH	212.1	16.7	8.9	9.9	63.4	62.1	51.1
--GAVINS POINT--							
NAT INFLOW	455	70	33	37	90	100	125
DEPLETION	21	5	2	3	10	1	
CHAN STOR	11	17	-2	0	-8	1	3
EVAPORATION	12	4	2	2	4		
REG INFLOW	2721	261	125	143	769	769	655
RELEASE	2767	268	125	143	769	769	694
STOR CHANGE	-46	-7					-39
STORAGE	404	397	397	397	397	397	358
ELEV FTMSL	1207.7	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	18.2	9.0	9.0	9.0	12.5	12.5	12.5
POWER							
AVE POWER MW		32	32	32	44	44	44
PEAK POW MW		117	117	117	117	117	114
ENERGY GWH	118.8	11.6	5.4	6.2	33.0	33.0	29.6
--GAVINS POINT - SIOUX CITY--							
NAT INFLOW	285	60	28	32	45	35	85
DEPLETION	50	6	3	3	12	13	14
REGULATED FLOW AT SIOUX CITY							
KAF	3002	322	150	172	802	791	765
KCFS		10.8	10.8	10.8	13.0	12.9	13.8
--TOTAL--							
NAT INFLOW	3440	503	235	268	620	740	1075
DEPLETION	-685	-121	-56	-64	-174	-180	-90
CHAN STOR	-32	18	-2	0	-43	-8	3
EVAPORATION	430	136	63	73	158		
STORAGE	44357	44540	44615	44703	44495	44616	45019
SYSTEM POWER							
AVE POWER MW		326	353	354	597	633	635
PEAK POW MW		2149	2148	2148	2152	2168	2177
ENERGY GWH	1586.7	117.3	59.2	67.9	444.2	471.1	426.9
DAILY GWH		7.8	8.5	8.5	14.3	15.2	15.2
	INI-SUM	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB

TIME OF STUDY 15:37:07 SH NV SS 30 DAYS, Unbal FP -4.6 GR +1.8 OA +1.2
STUDY NO 8

VALUES IN 1000 AF EXCEPT AS INDICATED

31OCT08		2008					2009
	INI-SUM	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--							
NAT INFLOW	1008	124	58	66	216	252	292
DEPLETION	-307	-28	-13	-15	-91	-94	-66
EVAPORATION	131	42	19	22	48		
MOD INFLOW	1184	110	52	59	259	346	358
RELEASE	1220	119	56	63	338	338	305
STOR CHANGE	-36	-9	-4	-5	-79	8	53
STORAGE	10521	10512	10508	10504	10425	10432	10485
ELEV FTMSL	2209.7	2209.7	2209.6	2209.6	2209.1	2209.2	2209.5
DISCH KCFS	4.1	4.0	4.0	4.0	5.5	5.5	5.5
POWER							
AVE POWER MW		50	50	50	68	68	68
PEAK POW MW		139	139	139	138	138	139
ENERGY GWH	182.3	17.8	8.3	9.5	50.5	50.5	45.6
--GARRISON--							
NAT INFLOW	936	136	63	73	168	208	288
DEPLETION	-343	-92	-43	-49	-72	-53	-35
CHAN STOR	-15	1			-16		0
EVAPORATION	162	52	24	27	59		
REG INFLOW	2322	296	138	157	503	599	628
RELEASE	3092	327	153	175	799	861	778
STOR CHANGE	-770	-31	-15	-17	-296	-262	-149
STORAGE	14794	14763	14748	14730	14434	14173	14024
ELEV FTMSL	1825.9	1825.8	1825.7	1825.7	1824.5	1823.5	1822.9
DISCH KCFS	11.0	11.0	11.0	11.0	13.0	14.0	14.0
POWER							
AVE POWER MW		127	127	127	150	160	159
PEAK POW MW		425	425	425	421	417	415
ENERGY GWH	428.9	45.9	21.4	24.4	111.3	119.0	106.9
--OAHE--							
NAT INFLOW	132	26	12	14		8	72
DEPLETION	71	2	1	1	15	20	32
CHAN STOR	-14		0	0	-9	-5	
EVAPORATION	155	49	23	26	57		
REG INFLOW	2984	302	141	161	718	844	818
RELEASE	3039	162	91	106	865	926	890
STOR CHANGE	-55	140	50	55	-147	-81	-72
STORAGE	14505	14645	14696	14751	14604	14522	14450
ELEV FTMSL	1592.0	1592.6	1592.8	1593.0	1592.4	1592.1	1591.8
DISCH KCFS	13.8	5.4	6.5	6.7	14.1	15.1	16.0
POWER							
AVE POWER MW		65	78	80	168	179	190
PEAK POW MW		631	632	633	631	629	628
ENERGY GWH	438.0	23.4	13.2	15.4	124.9	133.3	127.9
--BIG BEND--							
EVAPORATION	39	12	6	7	14		
REG INFLOW	3001	150	85	99	851	926	890
RELEASE	3001	150	85	99	851	926	890
STORAGE	1621	1621	1621	1621	1621	1621	1621
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	13.1	5.0	6.1	6.3	13.8	15.1	16.0
POWER							
AVE POWER MW		26	31	32	69	74	77
PEAK POW MW		538	538	538	538	538	529
ENERGY GWH	179.0	9.2	5.2	6.1	51.7	55.1	51.7
--FORT RANDALL--							
NAT INFLOW	64	2	1	1	4	16	40
DEPLETION	11	1	0	1	3	3	3
EVAPORATION	35	11	5	6	13		
REG INFLOW	3019	139	80	94	839	939	927
RELEASE	2406	211	110	124	719	689	553
STOR CHANGE	612	-72	-30	-30	120	250	374
STORAGE	2512	2440	2410	2380	2500	2750	3124
ELEV FTMSL	1341.2	1340.0	1339.5	1339.0	1341.0	1344.8	1350.0
DISCH KCFS	15.5	7.1	8.0	7.8	11.7	11.2	10.0
POWER							
AVE POWER MW		54	60	58	87	86	80
PEAK POW MW		296	294	292	301	319	339
ENERGY GWH	223.0	19.3	10.0	11.2	65.0	64.0	53.5
--GAVINS POINT--							
NAT INFLOW	340	44	21	23	72	80	100
DEPLETION	21	5	2	3	10	1	
CHAN STOR	10	15	-2	0	-7	1	2
EVAPORATION	15	5	2	2	5		
REG INFLOW	2721	261	125	143	769	769	655
RELEASE	2767	268	125	143	769	769	694
STOR CHANGE	-46	-7					-39
STORAGE	404	397	397	397	397	397	358
ELEV FTMSL	1207.7	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	18.2	9.0	9.0	9.0	12.5	12.5	12.5
POWER							
AVE POWER MW		32	32	32	44	44	44
PEAK POW MW		117	117	117	117	117	114
ENERGY GWH	118.8	11.6	5.4	6.2	33.0	33.0	29.6
--GAVINS POINT - SIOUX CITY--							
NAT INFLOW	192	30	14	16	36	28	68
DEPLETION	50	6	3	3	12	13	14
REGULATED FLOW AT SIOUX CITY							
KAF	2909	292	136	156	793	784	748
KCFS		9.8	9.8	9.8	12.9	12.7	13.5
--TOTAL--							
NAT INFLOW	2672	362	169	193	496	592	860
DEPLETION	-497	-106	-49	-57	-123	-110	-52
CHAN STOR	-18	17	-2	0	-32	-4	2
EVAPORATION	537	170	79	91	197		
STORAGE	44357	44379	44380	44383	43981	43896	44062
SYSTEM POWER							
AVE POWER MW		353	378	379	587	611	618
PEAK POW MW		2147	2145	2143	2145	2158	2163
ENERGY GWH	1570.1	127.1	63.5	72.8	436.6	454.9	415.2
DAILY GWH		8.5	9.1	9.1	14.1	14.7	14.8
	INI-SUM	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB

DATE OF STUDY 11/03/08 NOV. 1,2008 - UPPER BASIC SIMULATION-26.8 MAF 99001 9901
9901 PAGE 1

TIME OF STUDY 15:37:36 SH NV SS 30 DAYS, FP -3.4 GR +1.0 OA +1.3
STUDY NO 6

VALUES IN 1000 AF EXCEPT AS INDICATED

31OCT08		2008					2009
	INI-SUM	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--							
NAT INFLOW	1512	186	87	99	324	378	438
DEPLETION	-515	-39	-18	-21	-153	-172	-112
EVAPORATION	56	13	6	7	29		
MOD INFLOW	1971	212	99	113	448	550	550
RELEASE	1309	119	56	63	369	369	333
STOR CHANGE	662	93	43	49	79	181	217
STORAGE	10521	10614	10657	10707	10785	10966	11183
ELEV FTMSL	2209.7	2210.3	2210.5	2210.8	2211.3	2212.4	2213.7
DISCH KCFS	4.1	4.0	4.0	4.0	6.0	6.0	6.0
POWER							
AVE POWER MW		50	50	50	75	75	75
PEAK POW MW		139	140	140	141	142	143
ENERGY GWH	197.8	17.9	8.4	9.6	55.6	55.8	50.7
--GARRISON--							
NAT INFLOW	1404	204	95	109	252	312	432
DEPLETION	-427	-103	-48	-55	-100	-82	-39
CHAN STOR	-20	1			-21		
EVAPORATION	69	16	8	9	36		
REG INFLOW	3052	411	191	218	664	763	804
RELEASE	3388	327	153	175	861	984	889
STOR CHANGE	-336	83	38	44	-197	-221	-84
STORAGE	14794	14877	14916	14960	14763	14542	14458
ELEV FTMSL	1825.9	1826.2	1826.3	1826.5	1825.8	1824.9	1824.6
DISCH KCFS	11.0	11.0	11.0	11.0	14.0	16.0	16.0
POWER							
AVE POWER MW		128	128	128	162	184	183
PEAK POW MW		427	427	428	425	422	421
ENERGY GWH	472.9	45.9	21.5	24.6	120.7	137.0	123.3
--OAHE--							
NAT INFLOW	198	39	18	21		12	108
DEPLETION	71	2	1	1	15	20	32
CHAN STOR	-23		0	0	-14	-9	
EVAPORATION	66	16	7	8	35		
REG INFLOW	3426	349	163	186	797	967	965
RELEASE	2785	118	71	84	815	878	819
STOR CHANGE	641	231	91	102	-17	89	145
STORAGE	14505	14736	14827	14929	14912	15001	15146
ELEV FTMSL	1592.0	1592.9	1593.3	1593.7	1593.6	1594.0	1594.5
DISCH KCFS	13.8	4.0	5.1	5.3	13.2	14.3	14.8
POWER							
AVE POWER MW		47	62	63	159	171	178
PEAK POW MW		633	635	637	637	638	641
ENERGY GWH	404.7	17.1	10.4	12.2	118.3	127.5	119.3
--BIG BEND--							
EVAPORATION	16	4	2	2	9		
REG INFLOW	2768	114	70	82	806	878	819
RELEASE	2768	114	70	82	806	878	819
STORAGE	1621	1621	1621	1621	1621	1621	1621
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	13.1	3.8	5.0	5.1	13.1	14.3	14.8
POWER							
AVE POWER MW		20	25	26	66	70	71
PEAK POW MW		538	538	538	538	538	529
ENERGY GWH	165.2	7.0	4.3	5.0	49.0	52.3	47.6
--FORT RANDALL--							
NAT INFLOW	96	3	1	2	6	24	60
DEPLETION	11	1	0	1	3	3	3
EVAPORATION	15	4	2	2	8		
REG INFLOW	2839	113	69	81	801	899	876
RELEASE	2226	184	99	111	681	649	502
STOR CHANGE	613	-72	-30	-30	120	250	374
STORAGE	2512	2440	2410	2380	2501	2751	3125
ELEV FTMSL	1341.2	1340.0	1339.5	1339.0	1341.0	1344.8	1350.0
DISCH KCFS	15.5	6.2	7.1	7.0	11.1	10.5	9.0
POWER							
AVE POWER MW		47	53	52	83	81	72
PEAK POW MW		296	294	292	301	319	339
ENERGY GWH	206.4	16.8	9.0	10.0	61.7	60.3	48.6
--GAVINS POINT--							
NAT INFLOW	510	66	31	35	108	120	150
DEPLETION	21	5	2	3	10	1	
CHAN STOR	12	17	-2	0	-8	1	3
EVAPORATION	6	1	1	1	3		
REG INFLOW	2721	261	125	143	769	769	655
RELEASE	2767	268	125	143	769	769	694
STOR CHANGE	-46	-7					-39
STORAGE	404	397	397	397	397	397	358
ELEV FTMSL	1207.7	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	18.2	9.0	9.0	9.0	12.5	12.5	12.5
POWER							
AVE POWER MW		32	32	32	44	44	44
PEAK POW MW		117	117	117	117	117	114
ENERGY GWH	118.8	11.6	5.4	6.2	33.0	33.0	29.6
--GAVINS POINT - SIOUX CITY--							
NAT INFLOW	288	45	21	24	54	42	102
DEPLETION	50	6	3	3	12	13	14
REGULATED FLOW AT SIOUX CITY							
KAF	3005	307	143	164	811	798	782
KCFS		10.3	10.3	10.3	13.2	13.0	14.1
--TOTAL--							
NAT INFLOW	4008	543	253	290	744	888	1290
DEPLETION	-789	-129	-60	-69	-213	-217	-102
CHAN STOR	-31	18	-2	0	-42	-8	3
EVAPORATION	227	54	25	29	119		
STORAGE	44357	44686	44829	44994	44979	45279	45891
SYSTEM POWER							
AVE POWER MW		323	350	352	589	626	624
PEAK POW MW		2151	2151	2151	2158	2176	2187
ENERGY GWH	1565.9	116.3	58.8	67.5	438.2	465.9	419.1
DAILY GWH		7.8	8.4	8.4	14.1	15.0	15.0
	INI-SUM	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB