NOVEMBER 1, 2006 BASIC SIMULATION - 18.2 MAF
SHORTEN NAVIGATION SEASON 44 DAYS
Elevations & Storages are for Date Shown
Avg Discharge & Energy are Monthly Values
Date of Study: NOVEMBER 1, 2006

	31-Oct-06	30-Nov	2006 31-Dec	2007 31-Jan	28-Feb
FORT PECK -------					
ELEV FTMSL	2202.4	2201.7	2199.5	2198.0	2197.1
DISCH KCFS	5.7	7.3	10.5	10.5	10.5
GARRISON --------					
ELEV FTMSL	1809.3	1809.3	1808.6	1807.5	1807.0
DISCH KCFS	12.1	13.1	15.5	18.5	18.5
OAHE ----------					
ELEV FTMSL	1572.5	1573.4	1573.1	1574.4	1575.6
DISCH KCFS	7.3	9.5	15.6	13.9	15.4
BIG BEND --------					
ELEV FTMSL	1420.8	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	6.2	10.0	15.4	13.9	15.4
FORT RANDALL ----					
ELEV FTMSL	1337.6	1337.5	1341.8	1344.8	1350.0
DISCH KCFS	12.4	9.8	11.1	10.9	9.5
GAVINS POINT ----					
ELEV FTMSL	1207.6	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	14.6	11.7	12.5	12.5	12.5
SYSTEM ----------					
STORAGE 1000 AF	34713	34716	34435	34437	34757
ENERGY GWh	1762	350	482	484	446
PEAK POWER MW		1967	1980	1995	2006

NOVEMBER 1, 2006 LOWER BASIC SIMULATION - 17.9 MAF
SHORTEN NAVIGATION SEASON 44 DAYS

	31-Oct-06	30-Nov	2006 31-Dec	2007 31-Jan	28-Feb
FORT PECK -------					
ELEV FTMSL	2202.4	2201.2	2199.0	2197.0	2195.6
DISCH KCFS	5.7	7.3	9.5	9.7	9.6
GARRISON --------					
ELEV FTMSL	1809.3	1809.0	1807.9	1806.6	1805.8
DISCH KCFS	12.1	13.1	15.5	17.7	17.6
OAHE ----------					
ELEV FTMSL	1572.5	1573.1	1572.8	1573.8	1574.2
DISCH KCFS	7.3	10.1	15.2	14.2	16.9
BIG BEND --------					
ELEV FTMSL	1420.8	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	6.2	10.5	15.0	14.2	16.9
FORT RANDALL ----					
ELEV FTMSL	1337.6	1337.5	1341.0	1344.1	1350.0
DISCH KCFS	12.4	10.3	11.5	11.2	10.0
GAVINS POINT ----					
ELEV FTMSL	1207.6	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	14.6	11.7	12.5	12.5	12.5
SYSTEM ----------					
STORAGE 1000 AF	34713	34514	34093	33919	34010
ENERGY GWh	1759	359	473	477	450
PEAK POWER MW		1963	1972	1983	1992

NOVEMBER 1, 2006 UPPER BASIC SIMULATION - 18.5 MAF
SHORTEN NAVIGATION SEASON 44 DAYS

	31-Oct-06	30-Nov	2006 31-Dec	2007 31-Jan	28-Feb
FORT PECK -------					
ELEV FTMSL	2202.4	2202.3	2200.9	2199.5	2198.9
DISCH KCFS	5.7	7.3	10.6	11.0	11.0
GARRISON --------					
ELEV FTMSL	1809.3	1809.9	1809.7	1808.7	1808.6
DISCH KCFS	12.1	13.1	15.5	19.7	19.5
OAHE ----------					
ELEV FTMSL	1572.5	1573.9	1573.7	1575.6	1577.3
DISCH KCFS	7.3	8.6	15.3	13.3	14.7
BIG BEND --------					
ELEV FTMSL	1420.8	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	6.2	9.3	15.2	13.3	14.7
FORT RANDALL ----					
ELEV FTMSL	1337.6	1337.5	1341.9	1344.8	1350.0
DISCH KCFS	12.4	9.3	10.8	10.6	9.0
GAVINS POINT ----					
ELEV FTMSL	1207.6	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	14.6	11.7	12.5	12.5	12.5
SYSTEM ----------					
STORAGE 1000 AF	34713	35052	34993	35139	35690
ENERGY GWh	1758	339	480	491	448
PEAK POWER MW		1972	1989	2007	2023

	31OCT06 INI-SUM	15NOV	2006 22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--							
NAT INFLOW	1310	165	77	88	300	315	365
DEPLETION	-303	-26	-12	-14	-59	-113	-79
EVAPORATION	97	31	14	16	35		
MOD INFLOW	1516	160	75	85	324	428	444
RELEASE	2310	208	101	127	646	646	583
STOR CHANGE	-795	-48	-26	-42	-322	-218	-139
STORAGE	9359	9311	9285	9243	8921	8704	8564
ELEV FTMSL	2202.4	2202.1	2201.9	2201.7	2199.5	2198.0	2197.1
DISCH KCFS	5.7	7.0	7.2	8.0	10.5	10.5	10.5
POWER							
AVE POWER MW		83	86	95	120	118	117
PEAK POW MW		130	130	130	127	125	124
ENERGY GWH	318.5	30.0	14.5	18.2	89.0	88.0	78.8
--GARRISON--							
NAT INFLOW	1150	160	75	85	210	260	360
DEPLETION	-102	-59	-27	-31	-15	7	23
CHAN STOR	-54	-15	-3	-8	-28		
EVAPORATION	106	34	16	18	39		
REG INFLOW	3403	379	184	217	804	899	920
RELEASE	3894	387	180	209	953	1138	1027
STOR CHANGE	-492	-8	4	8	-149	-239	-107
STORAGE	10772	10764	10768	10776	10627	10388	10280
ELEV FTMSL	1809.3	1809.3	1809.3	1809.3	1808.6	1807.5	1807.0
DISCH KCFS	12.1	13.0	13.0	13.2	15.5	18.5	18.5
POWER							
AVE POWER MW		134	133	136	159	188	186
PEAK POW MW		365	365	365	363	359	357
ENERGY GWH	479.5	48.1	22.4	26.1	118.1	139.6	125.2
--OAHE--							
NAT INFLOW	130	15	7	8		10	90
DEPLETION	70	3	1	1	14	20	31
CHAN STOR	-35	-5	0	-1	-13	-16	
EVAPORATION	94	30	14	16	34		
REG INFLOW	3826	365	172	199	892	1111	1086
RELEASE	3232	235	152	179	957	853	857
STOR CHANGE	593	130	20	20	-65	258	230
STORAGE	10214	10344	10364	10384	10320	10578	10807
ELEV FTMSL	1572.5	1573.2	1573.3	1573.4	1573.1	1574.4	1575.6
DISCH KCFS	7.3	7.9	10.9	11.3	15.6	13.9	15.4
POWER							
AVE POWER MW		84	116	120	165	148	166
PEAK POW MW		531	532	532	530	537	543
ENERGY GWH	417.1	30.2	19.5	23.1	122.9	110.1	111.3
--BIG BEND--							
EVAPORATION	31	10	5	5	11		
REG INFLOW	3201	225	147	174	945	853	857
RELEASE	3247	271	147	174	945	853	857
STORAGE	1667	1621	1621	1621	1621	1621	1621
ELEV FTMSL	1420.8	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	6.2	9.1	10.6	11.0	15.4	13.9	15.4
POWER							
AVE POWER MW		46	54	55	77	68	74
PEAK POW MW		538	538	538	538	538	529
ENERGY GWH	194.0	16.7	9.0	10.6	57.1	50.8	49.7
--FORT RANDALL--							
NAT INFLOW	80	3	1	1	5	20	50
DEPLETION	11	1	0	1	3	3	3
EVAPORATION	26	8	4	4	10		
REG INFLOW	3289	264	144	170	937	870	904
RELEASE	2465	270	144	170	683	670	528
STOR CHANGE	825	-6	0	0	255	200	376
STORAGE	2301	2295	2295	2295	2550	2750	3126
ELEV FTMSL	1337.6	1337.5	1337.5	1337.5	1341.8	1344.8	1350.0
DISCH KCFS	12.4	9.1	10.4	10.7	11.1	10.9	9.5
POWER							
AVE POWER MW		67	76	78	83	84	76
PEAK POW MW		285	285	285	305	319	339
ENERGY GWH	226.8	24.0	12.7	15.1	61.6	62.5	51.1
--GAVINS POINT--							
NAT INFLOW	450	63	29	33	100	100	125
DEPLETION	21	5	2	3	10	1	
CHAN STOR	5	6	-2	-1	-1	0	3
EVAPORATION	12	4	2	2	4		
REG INFLOW	2888	330	167	198	768	770	655
RELEASE	2930	333	167	198	768	770	694
STOR CHANGE	-42	-3					-39
STORAGE	400	397	397	397	397	397	358
ELEV FTMSL	1207.6	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	14.6	11.2	12.0	12.5	12.5	12.5	12.5
POWER							
AVE POWER MW		40	43	44	44	44	44
PEAK POW MW		117	117	117	117	117	114
ENERGY GWH	125.8	14.4	7.2	8.5	33.0	33.1	29.6
--GAVINS POINT - SIOUX CITY--							
NAT INFLOW	245	40	19	21	45	35	85
DEPLETION	49	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY							
KAF	3126	368	183	217	801	792	766
KCFS		12.4	13.2	13.7	13.0	12.9	13.8
--TOTAL--							
NAT INFLOW	3365	445	208	237	660	740	1075
DEPLETION	-254	-71	-33	-38	-35	-69	-9
CHAN STOR	-84	-14	-5	-10	-41	-16	3
EVAPORATION	366	116	54	62	134		
STORAGE	34713	34731	34730	34716	34435	34437	34757
SYSTEM POWER							
AVE POWER MW		454	508	529	647	651	663
PEAK POW MW		1966	1966	1967	1980	1995	2006
ENERGY GWH	1761.7	163.3	85.3	101.6	481.7	484.1	445.7
DAILY GWH		18.9	12.2	12.7	15.5	15.6	15.9
	INI-SUM	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB

	31OCT06 INI-SUM	15NOV 2006	22NOV	30NOV	31DEC	31JAN 2007	28FEB
--FORT PECK--							
NAT INFLOW	1048	132	62	70	240	252	292
DEPLETION	-212	-30	-14	-16	-55	-63	-34
EVAPORATION	121	39	18	20	44		
MOD INFLOW	1139	123	58	66	251	315	326
RELEASE	2147	208	98	127	584	596	533
STOR CHANGE	-1008	-85	-41	-61	-333	-281	-207
STORAGE	9359	9274	9233	9172	8839	8558	8351
ELEV FTMSL	2202.4	2201.9	2201.6	2201.2	2199.0	2197.0	2195.6
DISCH KCFS	5.7	7.0	7.1	8.0	9.5	9.7	9.6
POWER							
AVE POWER MW		83	84	95	111	111	109
PEAK POW MW		130	130	129	127	124	122
ENERGY GWH	300.4	30.0	14.1	18.2	82.5	82.7	73.1
--GARRISON--							
NAT INFLOW	920	128	60	68	168	208	288
DEPLETION	-152	-64	-30	-34	-28	-5	9
CHAN STOR	44	-15	-1	-10	-17	-2	1
EVAPORATION	133	42	20	22	48		
REG INFLOW	3043	344	167	197	715	807	813
RELEASE	3795	387	180	209	953	1088	977
STOR CHANGE	-752	-43	-13	-13	-238	-281	-164
STORAGE	10772	10729	10716	10703	10465	10184	10020
ELEV FTMSL	1809.3	1809.1	1809.1	1809.0	1807.9	1806.6	1805.8
DISCH KCFS	12.1	13.0	13.0	13.2	15.5	17.7	17.6
POWER							
AVE POWER MW		134	133	135	158	178	176
PEAK POW MW		364	364	364	360	355	352
ENERGY GWH	464.9	48.1	22.4	26.0	117.6	132.7	118.1
--OAHE--							
NAT INFLOW	104	12	6	6		8	72
DEPLETION	70	3	1	1	14	20	31
CHAN STOR	-30	-5	0	-1	-13	-12	1
EVAPORATION	118	37	17	20	43		
REG INFLOW	3681	354	167	193	883	1064	1019
RELEASE	3356	254	160	189	937	876	939
STOR CHANGE	326	100	7	5	-54	189	80
STORAGE	10214	10314	10321	10326	10272	10460	10540
ELEV FTMSL	1572.5	1573.1	1573.1	1573.1	1572.8	1573.8	1574.2
DISCH KCFS	7.3	8.5	11.5	11.9	15.2	14.2	16.9
POWER							
AVE POWER MW		91	123	126	162	151	180
PEAK POW MW		530	530	530	529	534	536
ENERGY GWH	431.7	32.7	20.6	24.3	120.3	112.6	121.2
--BIG BEND--							
EVAPORATION	39	12	6	7	14		
REG INFLOW	3317	242	155	182	923	876	939
RELEASE	3363	288	155	182	923	876	939
STORAGE	1667	1621	1621	1621	1621	1621	1621
ELEV FTMSL	1420.8	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	6.2	9.7	11.1	11.5	15.0	14.2	16.9
POWER							
AVE POWER MW		49	56	58	75	70	81
PEAK POW MW		538	538	538	538	538	529
ENERGY GWH	201.2	17.7	9.5	11.2	56.0	52.3	54.5
--FORT RANDALL--							
NAT INFLOW	64	2	1	1	4	16	40
DEPLETION	11	1	0	1	3	3	3
EVAPORATION	33	10	5	5	12		
REG INFLOW	3383	278	150	177	912	889	976
RELEASE	2563	285	150	178	707	689	555
STOR CHANGE	819	-6	0	0	205	200	421
STORAGE	2301	2295	2295	2295	2499	2699	3120
ELEV FTMSL	1337.6	1337.5	1337.5	1337.5	1341.0	1344.1	1350.0
DISCH KCFS	12.4	9.6	10.8	11.2	11.5	11.2	10.0
POWER							
AVE POWER MW		70	79	82	85	86	80
PEAK POW MW		285	285	285	301	315	339
ENERGY GWH	235.0	25.2	13.3	15.7	63.5	63.8	53.5
--GAVINS POINT--							
NAT INFLOW	360	50	23	27	80	80	100
DEPLETION	21	5	2	3	10	1	
CHAN STOR	4	5	-2	-1	-1	1	2
EVAPORATION	15	5	2	2	5		
REG INFLOW	2892	330	167	198	771	768	658
RELEASE	2934	333	167	198	771	768	697
STOR CHANGE	-42	-3					-39
STORAGE	400	397	397	397	397	397	358
ELEV FTMSL	1207.6	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	14.6	11.2	12.0	12.5	12.5	12.5	12.5
POWER							
AVE POWER MW		40	43	44	45	44	44
PEAK POW MW		117	117	117	117	117	114
ENERGY GWH	125.9	14.4	7.2	8.5	33.2	33.0	29.7
--GAVINS POINT - SIOUX CITY--							
NAT INFLOW	196	32	15	17	36	28	68
DEPLETION	49	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY							
KAF	3081	360	179	213	795	783	752
KCFS		12.1	12.9	13.4	12.9	12.7	13.5
--TOTAL--							
NAT INFLOW	2692	356	166	190	528	592	860
DEPLETION	-213	-80	-37	-43	-44	-31	22
CHAN STOR	-70	-15	-3	-12	-30	-14	4
EVAPORATION	457	145	68	77	167		
STORAGE	34713	34630	34583	34514	34093	33919	34010
SYSTEM POWER							
AVE POWER MW		467	518	541	636	641	670
PEAK POW MW		1964	1964	1963	1972	1983	1992
ENERGY GWH	1759.1	168.0	87.0	103.8	473.0	477.1	450.2
DAILY GWH		11.2	12.4	13.0	15.3	15.4	16.1
	INI-SUM	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB

	31OCT06 INI-SUM	15NOV	2006 22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--							
NAT INFLOW	1572	198	92	106	360	378	438
DEPLETION	-330	-27	-13	-14	-95	-97	-84
EVAPORATION	51	12	6	7	27		
MOD INFLOW	1851	213	99	113	428	475	522
RELEASE	2375	208	101	127	652	676	611
STOR CHANGE	-524	4	-1	-13	-224	-201	-89
STORAGE	9359	9363	9362	9349	9125	8924	8835
ELEV FTMSL	2202.4	2202.4	2202.4	2202.3	2200.9	2199.5	2198.9
DISCH KCFS	5.7	7.0	7.3	8.0	10.6	11.0	11.0
POWER							
AVE POWER MW		83	86	95	121	123	123
PEAK POW MW		131	131	130	129	127	127
ENERGY GWH	327.2	30.0	14.5	18.3	90.2	91.8	82.4
--GARRISON--							
NAT INFLOW	1380	192	90	102	252	312	432
DEPLETION	-223	-74	-35	-39	-49	-26	
CHAN STOR	-59	-15	-3	-8	-29	-4	0
EVAPORATION	56	13	6	7	29		
REG INFLOW	3863	446	216	253	894	1010	1043
RELEASE	4026	387	183	209	953	1211	1083
STOR CHANGE	-163	60	33	44	-59	-201	-40
STORAGE	10772	10832	10865	10909	10850	10649	10609
ELEV FTMSL	1809.3	1809.6	1809.7	1809.9	1809.7	1808.7	1808.6
DISCH KCFS	12.1	13.0	13.1	13.2	15.5	19.7	19.5
POWER							
AVE POWER MW		134	136	136	160	201	198
PEAK POW MW		366	367	367	366	363	362
ENERGY GWH	499.3	48.2	22.8	26.2	118.9	149.8	133.4
--OAHE--							
NAT INFLOW	156	18	8	10		12	108
DEPLETION	70	3	1	1	14	20	31
CHAN STOR	-40	-5	-1	0	-13	-23	1
EVAPORATION	50	12	6	6	26		
REG INFLOW	4022	386	183	211	900	1180	1161
RELEASE	3092	208	140	165	942	821	817
STOR CHANGE	930	178	44	46	-42	360	344
STORAGE	10214	10392	10435	10481	10440	10799	11144
ELEV FTMSL	1572.5	1573.5	1573.7	1573.9	1573.7	1575.6	1577.3
DISCH KCFS	7.3	7.0	10.1	10.4	15.3	13.3	14.7
POWER							
AVE POWER MW		74	107	111	163	143	159
PEAK POW MW		532	534	535	534	543	552
ENERGY GWH	401.3	26.7	18.0	21.4	121.5	106.5	107.1
--BIG BEND--							
EVAPORATION	16	4	2	2	9		
REG INFLOW	3076	204	138	163	933	821	817
RELEASE	3122	250	138	163	933	821	817
STORAGE	1667	1621	1621	1621	1621	1621	1621
ELEV FTMSL	1420.8	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	6.2	8.4	9.9	10.3	15.2	13.3	14.7
POWER							
AVE POWER MW		43	50	52	76	66	71
PEAK POW MW		538	538	538	538	538	529
ENERGY GWH	186.5	15.4	8.5	10.0	56.4	48.9	47.4
--FORT RANDALL--							
NAT INFLOW	96	3	1	2	6	24	60
DEPLETION	11	1	0	1	3	3	3
EVAPORATION	14	3	1	2	8		
REG INFLOW	3193	248	137	162	929	842	874
RELEASE	2370	255	137	163	664	652	500
STOR CHANGE	823	-6	0	0	265	190	374
STORAGE	2301	2295	2295	2295	2560	2750	3124
ELEV FTMSL	1337.6	1337.5	1337.5	1337.5	1341.9	1344.8	1350.0
DISCH KCFS	12.4	8.6	9.9	10.2	10.8	10.6	9.0
POWER							
AVE POWER MW		63	72	75	81	82	72
PEAK POW MW		285	285	285	306	319	339
ENERGY GWH	218.3	22.6	12.1	14.4	59.9	60.8	48.4
--GAVINS POINT--							
NAT INFLOW	540	75	35	40	120	120	150
DEPLETION	21	5	2	3	10	1	
CHAN STOR	6	7	-2	-1	-1	0	3
EVAPORATION	6	1	1	1	3		
REG INFLOW	2889	330	167	198	770	771	653
RELEASE	2931	333	167	198	770	771	692
STOR CHANGE	-42	-3					-39
STORAGE	400	397	397	397	397	397	358
ELEV FTMSL	1207.6	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	14.6	11.2	12.0	12.5	12.5	12.5	12.5
POWER							
AVE POWER MW		40	43	44	44	45	44
PEAK POW MW		117	117	117	117	117	114
ENERGY GWH	125.8	14.4	7.2	8.5	33.1	33.1	29.5
--GAVINS POINT - SIOUX CITY--							
NAT INFLOW	294	48	22	26	54	42	102
DEPLETION	49	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY							
KAF	3176	376	186	221	812	800	781
KCFS		12.6	13.4	13.9	13.2	13.0	14.1
--TOTAL--							
NAT INFLOW	4038	534	249	285	792	888	1290
DEPLETION	-402	-87	-41	-46	-105	-86	-37
CHAN STOR	-94	-13	-6	-9	-43	-27	4
EVAPORATION	194	46	21	25	102		
STORAGE	34713	34900	34975	35052	34993	35139	35690
SYSTEM POWER							
AVE POWER MW		437	494	514	645	660	667
PEAK POW MW		1969	1970	1972	1989	2007	2023
ENERGY GWH	1758.3	157.3	83.1	98.7	480.0	491.0	448.2
DAILY GWH		10.5	11.9	12.3	15.5	15.8	16.0
	INI-SUM	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB