

APPENDIX T
SYSTEM NET ELECTRIC GENERATION RESULTS

SYSTEM NET ELECTRIC GENERATION RESULTS

Future Water Withdrawals with Historical Hydrology

(Year)	NAA/A1						A2						A3						A4					
	DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM	
	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)
1939	89,511,496	(662,383)	111,536,806	1,335,587	201,048,302	673,204	89,511,496	(662,383)	111,536,806	1,335,587	201,048,302	673,204	85,848,967	(603,221)	111,345,426	1,334,086	197,194,393	730,865	86,417,288	(608,451)	111,501,941	1,336,932	197,919,229	728,481
1940	101,124,340	(774,124)	99,660,153	1,163,259	200,784,493	389,135	101,124,335	(774,124)	99,660,175	1,163,259	200,784,511	389,135	98,888,358	(736,224)	99,610,824	1,158,063	198,499,182	421,839	99,248,181	(739,590)	99,523,300	1,156,646	198,771,480	417,056
1941	106,718,604	(893,102)	87,385,168	984,950	194,103,772	91,848	103,906,898	(825,338)	87,369,352	984,697	191,276,250	159,359	103,534,363	(871,333)	86,721,789	965,787	190,256,152	94,455	103,512,813	(870,304)	86,731,604	965,556	190,244,417	95,252
1942	95,804,716	(771,590)	98,340,419	1,145,958	194,145,135	374,368	95,220,502	(756,817)	98,352,609	1,146,141	193,573,111	389,324	93,029,599	(712,543)	99,199,466	1,159,950	192,229,064	447,407	93,313,678	(713,942)	99,146,204	1,158,946	192,459,883	445,004
1943	87,261,587	(549,220)	137,212,729	1,697,134	224,474,316	1,147,913	87,261,587	(549,220)	137,212,729	1,697,134	224,474,316	1,147,913	82,522,765	(474,462)	137,576,512	1,704,562	220,099,277	1,230,100	83,128,604	(479,314)	137,699,163	1,703,723	220,827,767	1,224,410
1944	94,697,409	(690,101)	128,615,945	1,587,506	223,313,353	897,405	94,697,322	(690,102)	128,615,957	1,587,506	223,313,280	897,404	91,092,287	(646,939)	128,339,250	1,584,465	219,431,538	937,526	91,401,475	(647,775)	128,574,249	1,586,672	219,975,724	938,897
1945	98,319,364	(820,894)	92,799,006	1,072,705	191,118,369	251,811	98,319,494	(820,892)	92,799,098	1,072,707	191,118,593	251,815	99,386,348	(827,308)	93,794,606	1,083,690	193,180,953	256,383	97,693,910	(813,319)	93,623,001	1,079,153	191,316,912	265,835
1946	93,125,509	(575,186)	149,190,837	1,872,798	242,316,347	1,297,612	93,125,521	(575,186)	149,190,767	1,872,797	242,316,288	1,297,611	89,272,926	(520,727)	148,471,074	1,861,464	237,744,000	1,340,737	89,888,965	(523,620)	148,191,508	1,858,889	238,080,473	1,335,269
1947	94,010,531	(739,326)	108,977,532	1,314,909	202,988,063	575,583	92,284,825	(698,638)	108,970,349	1,314,655	201,255,174	616,017	88,780,411	(678,186)	107,735,417	1,298,582	196,515,828	620,397	88,965,367	(678,487)	107,886,232	1,300,734	196,851,599	622,248
1948	89,357,803	(532,634)	145,918,749	1,855,125	235,276,552	1,322,491	89,333,701	(531,928)	145,942,207	1,855,442	235,275,908	1,323,515	84,366,442	(443,761)	145,167,064	1,847,221	229,533,506	1,403,460	84,815,952	(442,530)	146,524,025	1,871,241	231,339,976	1,428,711
1949	93,757,428	(413,191)	198,983,960	2,598,001	292,741,388	2,184,810	93,757,428	(413,191)	198,983,960	2,598,001	292,741,388	2,184,810	89,423,867	(344,168)	201,724,204	2,628,475	291,148,071	2,284,307	89,842,082	(349,791)	198,987,985	2,595,420	288,830,067	2,245,630
1950	87,967,146	(554,776)	115,150,014	1,398,844	203,117,160	844,068	87,967,146	(554,776)	115,150,014	1,398,844	203,117,160	844,068	82,542,402	(468,383)	114,667,000	1,395,541	197,209,402	927,157	83,049,923	(472,225)	114,635,024	1,395,486	197,684,947	923,260
1951	92,411,893	(736,618)	96,346,309	1,120,423	188,758,202	383,805	90,994,576	(696,072)	96,346,030	1,120,418	187,340,606	424,346	88,126,581	(677,590)	96,452,541	1,120,633	184,579,123	443,043	87,974,390	(675,307)	96,172,190	1,117,965	184,146,580	442,658
1952	96,101,820	(679,067)	133,154,835	1,635,298	229,256,655	956,231	94,151,837	(630,890)	133,154,688	1,635,296	227,306,525	1,004,406	92,497,334	(648,889)	132,843,789	1,632,768	225,341,123	983,879	92,669,850	(648,726)	132,883,006	1,632,679	225,552,855	983,954
1953	94,795,525	(752,160)	109,479,585	1,306,860	204,275,109	554,700	94,518,294	(747,867)	109,478,720	1,306,849	203,997,013	558,982	92,919,881	(705,537)	110,357,621	1,316,597	203,277,502	611,060	93,162,632	(709,589)	110,493,011	1,317,152	203,655,643	607,563
1954	95,652,049	(728,173)	105,221,420	1,224,575	200,873,469	496,401	92,116,211	(644,527)	105,266,673	1,225,198	197,382,885	580,671	91,447,966	(688,483)	104,548,425	1,215,796	195,996,391	527,313	91,849,657	(692,546)	104,398,719	1,215,738	196,248,376	523,193
1955	110,036,724	(961,511)	75,691,826	820,993	185,728,550	(140,518)	101,663,065	(805,735)	75,642,485	820,484	177,305,550	14,748	109,613,656	(965,466)	75,211,340	816,754	184,824,996	(148,712)	109,631,643	(965,441)	75,235,986	816,763	184,867,629	(148,678)
1956	104,152,432	(946,269)	81,683,426	899,304	185,835,857	(46,965)	95,768,852	(782,854)	81,860,004	901,983	177,628,856	119,128	102,191,577	(917,221)	81,280,724	891,672	183,472,301	(25,549)	102,320,199	(919,969)	80,943,508	885,652	183,263,707	(34,317)
1957	100,249,951	(772,945)	105,258,314	1,257,725	205,508,265	484,780	97,214,083	(724,823)	105,311,907	1,258,359	202,525,990	533,536	97,374,672	(709,474)	107,784,697	1,291,129	205,159,370	581,656	98,106,339	(714,709)	107,704,974	1,292,810	205,811,313	578,101
1958	90,977,043	(632,960)	122,554,530	1,492,747	213,531,573	859,787	90,977,043	(632,960)	122,554,530	1,492,747	213,531,573	859,787	85,710,771	(553,167)	121,669,261	1,482,285	207,380,032	929,118	86,215,139	(555,136)	121,368,166	1,484,074	207,583,305	928,937
1959	98,076,423	(692,506)	109,344,974	1,315,382	207,421,398	622,876	98,076,423	(692,506)	109,344,974	1,315,382	207,421,398	622,876	94,566,664	(636,865)	108,993,528	1,313,635	203,560,192	676,770	94,679,866	(635,602)	109,003,753	1,313,335	203,683,619	677,732
1960	88,450,253	(561,256)	135,717,721	1,695,162	224,167,974	1,133,906	88,450,253	(561,256)	135,717,721	1,695,162	224,167,974	1,133,906	84,283,538	(494,646)	135,365,431	1,694,944	219,648,969	1,200,298	84,603,148	(496,501)	135,442,216	1,694,813	220,045,364	1,198,312
1961	88,846,514	(526,901)	140,836,957	1,754,790	229,683,471	1,227,888	88,846,514	(526,901)	140,836,957	1,754,790	229,683,471	1,227,888	84,432,518	(452,756)	141,644,080	1,756,257	226,076,597	1,303,501	84,951,501	(455,034)	141,422,940	1,757,033	226,374,442	1,301,999
1962	95,004,450</																							

Future Water Withdrawals with Historical Hydrology

(Year)	NAA/A1						A2						A3						A4					
	DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM	
	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)
1990	95,278,645	(712,344)	136,443,839	1,678,035	231,722,484	965,691	94,910,064	(703,801)	136,443,866	1,678,035	231,353,931	974,234	91,381,628	(669,132)	136,471,144	1,677,843	227,852,772	1,008,711	91,883,154	(672,780)	136,450,565	1,678,418	228,333,719	1,005,638
1991	87,458,669	(557,867)	130,941,985	1,613,686	218,400,654	1,055,819	87,458,844	(557,867)	130,941,831	1,613,684	218,400,675	1,055,818	81,732,026	(466,453)	131,569,536	1,611,492	213,301,563	1,145,039	82,409,072	(470,488)	131,352,672	1,611,383	213,761,744	1,140,895
1992	90,251,271	(513,485)	137,259,239	1,756,323	227,510,510	1,242,838	90,251,271	(513,485)	137,259,255	1,756,323	227,510,526	1,242,838	86,654,966	(453,047)	137,022,762	1,747,746	223,677,728	1,294,698	86,956,312	(451,159)	137,077,772	1,745,438	224,034,083	1,294,279
1993	95,625,100	(650,465)	157,535,860	1,990,763	253,160,960	1,340,299	92,552,697	(578,007)	157,552,601	1,991,070	250,105,298	1,413,063	92,770,450	(649,224)	156,133,827	1,963,091	248,904,277	1,313,867	92,869,410	(651,237)	155,848,204	1,962,922	248,717,614	1,311,684
1994	92,514,441	(680,742)	128,915,465	1,589,128	221,429,905	908,386	90,461,479	(639,118)	128,950,595	1,589,241	219,412,074	950,123	87,669,474	(586,271)	132,068,135	1,615,778	219,737,609	1,029,508	88,226,150	(589,586)	132,040,498	1,615,472	220,266,648	1,025,885
1995	88,155,283	(569,342)	139,169,788	1,791,774	227,325,071	1,222,432	88,155,283	(569,342)	139,169,798	1,791,774	227,325,081	1,222,432	84,400,357	(509,090)	139,458,468	1,788,876	223,858,825	1,279,786	84,315,697	(502,872)	139,471,346	1,792,122	223,787,043	1,289,251
1996	93,770,648	(663,224)	139,796,110	1,738,764	233,566,758	1,075,540	93,770,650	(663,224)	139,796,110	1,738,764	233,566,761	1,075,540	89,671,943	(610,145)	140,603,801	1,745,744	230,275,744	1,135,599	89,220,290	(603,842)	140,607,267	1,745,443	229,827,557	1,141,600
1997	91,931,315	(714,221)	124,811,982	1,527,401	216,743,297	813,179	91,855,852	(708,334)	124,975,120	1,531,020	216,830,972	822,686	87,055,839	(658,007)	123,841,838	1,508,919	210,897,677	850,912	87,020,315	(655,188)	123,893,165	1,509,877	210,913,480	854,689
1998	94,345,464	(645,146)	170,210,694	2,181,233	264,556,157	1,536,087	94,293,432	(647,980)	169,898,583	2,177,254	264,192,014	1,529,273	92,117,070	(629,481)	171,878,041	2,196,029	263,995,110	1,566,548	92,298,191	(630,339)	171,676,645	2,196,450	263,974,836	1,566,112
1999	103,087,363	(916,038)	84,969,138	944,332	188,056,501	28,295	98,528,270	(813,239)	84,902,514	943,379	183,430,784	130,141	101,210,596	(907,713)	83,620,225	926,132	184,830,821	18,419	101,373,715	(906,969)	84,125,743	929,795	185,499,458	22,826
2000	108,742,764	(997,036)	71,104,642	790,240	179,847,406	(206,797)	93,199,947	(703,660)	71,211,463	792,157	164,411,410	88,497	108,000,366	(996,309)	71,034,941	794,221	179,035,306	(202,088)	107,938,841	(997,420)	70,779,313	790,231	178,718,155	(207,190)
2001	104,294,204	(1,063,216)	60,812,449	680,619	165,106,653	(382,598)	79,587,032	(609,286)	60,906,938	681,663	140,493,970	72,377	104,887,367	(1,035,296)	60,759,538	684,508	165,646,905	(350,789)	104,858,587	(1,036,211)	60,407,982	681,312	165,266,568	(354,900)
2002	84,077,905	(678,291)	62,711,560	784,937	146,789,464	106,646	64,617,268	(442,370)	61,097,081	761,596	125,714,349	319,226	105,526,238	(1,046,959)	60,927,616	775,019	166,453,854	(271,940)	105,475,701	(1,048,067)	60,416,948	768,767	165,892,648	(279,299)
2003	11,738,378	154,495	141,159,717	1,752,973	152,898,095	1,907,468	85,797,869	(683,929)	136,304,862	1,687,185	222,102,732	1,003,257	85,497,530	(622,018)	137,495,993	1,699,925	222,993,522	1,077,907	85,703,305	(620,382)	137,076,097	1,696,137	222,779,402	1,075,755
2004	9,699,856	(74,540)	111,894,772	1,374,635	121,594,627	1,300,094	97,046,272	(671,023)	116,954,503	1,463,778	214,000,775	792,755	93,803,896	(608,362)	117,044,190	1,456,450	210,848,085	848,087	93,565,067	(601,650)	116,799,696	1,459,712	210,364,763	858,062
2005	36,725,183	(248,038)	145,588,914	1,754,136	182,314,097	1,506,098	86,149,653	(569,388)	146,251,158	1,762,894	232,400,810	1,193,507	80,994,562	(488,500)	146,501,611	1,762,414	227,496,173	1,273,914	81,062,825	(485,154)	146,474,155	1,762,320	227,536,980	1,277,165
2006	95,399,722	(802,592)	79,965,080	880,041	175,364,802	77,449	92,360,595	(737,540)	79,986,696	882,407	172,347,291	144,867	95,207,396	(823,199)	77,889,603	859,230	173,096,999	36,031	94,956,710	(819,017)	77,769,896	856,596	172,726,607	37,579
2007	107,670,619	(977,960)	71,839,474	820,015	179,510,093	(157,945)	95,120,027	(723,018)	71,393,568	812,397	166,513,595	89,379	105,336,770	(970,524)	71,433,645	818,832	176,770,415	(151,692)	105,189,451	(968,232)	71,564,854	820,409	176,754,305	(147,823)
2008	102,028,894	(1,048,593)	57,194,768	772,500	159,223,662	(276,093)	59,817,489	(423,491)	46,065,068	595,204	105,882,557	171,712	102,764,508	(889,839)	56,128,148	752,309	158,892,656	(137,530)	100,688,545	(862,551)	56,703,078	764,990	157,391,623	(97,561)
2009	101,524,989	(1,034,171)	64,305,064	780,604	165,830,053	(253,567)	75,815,352	(605,739)	76,101,936	893,526	151,917,287	287,787	100,060,065	(959,158)	65,891,032	805,336	165,951,097	(153,822)	100,005,250	(950,873)	65,798,513	802,542	165,803,762	(148,331)
2010	90,010,668	(685,109)	122,768,083	1,494,981	212,778,751	809,871	87,786,040	(613,426)	125,247,272	1,530,855	213,033,312	917,430	89,656,754	(701,681)	124,090,268	1,511,284	213,747,021	809,602	89,610,324	(704,950)	122,194,577	1,488,250	211,804,902	783,300
2011	104,253,224	(891,395)	76,935,041	865,289	181,188,265	(26,105)	94,995,121	(690,293)	76,994,324	866,204	171,989,445	175,912	102,441,316	(879,629)	76,813,334	868,201	179,254,650	(11,429)	102,325,393	(878,936)	76,613,794	865,526	178,939,187	(13,410)

Current Water Withdrawals with Historical Hydrology

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	DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM	
	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)
1939	88,579,812	(621,175)	114,504,897	1,380,910	203,084,709	759,735	88,579,812	(621,175)	114,504,897	1,380,910	203,084,709	759,735	84,597,099	(555,481)	114,440,430	1,381,143	199,037,529	825,661	84,840,189	(555,907)	114,434,251	1,380,734	199,274,440	824,828
1940	92,373,948	(658,352)	107,159,831	1,267,692	199,533,779	609,340	92,373,948	(658,352)	107,159,831	1,267,692	199,533,779	609,340	87,603,278	(574,263)	107,213,621	1,264,819	194,816,899	690,556	86,983,750	(566,854)	107,211,313	1,265,427	194,195,063	698,573
1941	101,895,632	(839,763)	89,268,515	1,015,314	191,164,147	175,551	101,597,992	(832,534)	89,268,580	1,015,315	190,866,572	182,781	96,536,388	(792,151)	89,616,220	1,018,349	186,152,607	226,198	96,540,620	(790,601)	89,619,760	1,018,390	186,160,381	227,788
1942	91,297,637	(660,167)	107,129,616	1,269,909	198,427,253	609,741	91,297,520	(660,169)	107,129,799	1,269,912	198,427,319	609,742	88,580,914	(598,622)	105,992,030	1,255,891	194,572,944	657,269	88,633,605	(596,976)	106,045,147	1,255,581	194,678,752	658,605
1943	87,741,929	(530,149)	142,549,067	1,776,319	230,290,997	1,246,170	87,741,929	(530,149)	142,549,067	1,776,319	230,290,997	1,246,170	83,421,402	(459,585)	142,852,267	1,783,402	226,273,669	1,323,817	83,530,343	(458,581)	143,149,915	1,781,372	226,680,257	1,322,791
1944	93,495,330	(671,168)	131,309,317	1,621,309	224,804,646	950,141	93,495,391	(671,168)	131,309,447	1,621,311	224,804,838	950,143	89,491,830	(615,968)	130,760,016	1,621,188	220,251,846	1,005,220	89,598,391	(614,399)	130,731,430	1,618,889	220,329,821	1,004,489
1945	94,107,167	(731,062)	100,876,859	1,187,729	194,984,027	456,667	94,107,218	(731,062)	100,876,853	1,187,729	194,984,071	456,667	89,462,035	(661,344)	100,741,566	1,183,878	190,203,601	522,534	89,435,786	(656,754)	100,793,386	1,186,290	190,229,172	529,537
1946	92,053,057	(527,929)	154,491,641	1,947,167	246,544,698	1,419,238	92,053,057	(527,929)	154,491,641	1,947,167	246,544,698	1,419,238	88,872,174	(477,718)	154,823,320	1,948,560	243,695,495	1,470,842	89,141,915	(477,810)	154,947,143	1,947,594	244,089,058	1,469,783
1947	92,684,112	(713,343)	113,201,003	1,389,059	205,885,115	675,717	92,008,596	(697,643)	113,202,522	1,389,080	205,211,118	691,437	88,339,754	(651,949)	113,171,819	1,384,532	201,511,572	732,583	88,359,845	(650,882)	113,172,818	1,384,447	201,532,662	733,565
1948	88,512,665	(488,609)	149,809,867	1,916,261	238,322,532	1,427,652	88,512,665	(488,609)	149,810,178	1,916,265	238,322,843	1,427,656	84,994,050	(430,606)	150,163,590	1,918,822	235,157,640	1,488,216	85,570,287	(430,398)	150,219,006	1,920,449	235,789,294	1,490,051
1949	94,277,928	(389,338)	206,724,626	2,718,732	301,002,553	2,329,394	94,277,928	(389,338)	206,724,626	2,718,732	301,002,553	2,329,394	90,847,411	(336,758)	207,728,815	2,708,054	298,576,226	2,371,296	90,747,269	(337,685)	207,678,715	2,705,378	298,425,984	2,367,693
1950	88,218,693	(536,775)	119,735,949	1,471,415	207,954,643	934,639	88,218,693	(536,775)	119,735,949	1,471,415	207,954,643	934,639	83,177,778	(454,082)	119,446,353	1,473,372	202,624,131	1,019,291	83,205,503	(451,965)	119,417,180	1,473,678	202,622,683	1,021,713
1951	91,748,840	(706,130)	100,597,733	1,179,221	192,346,573	473,091	91,748,872	(706,129)	100,597,557	1,179,219	192,346,430	473,090	88,166,556	(657,426)	99,983,639	1,173,255	188,150,195	515,829	88,140,186	(654,555)	100,224,439	1,174,947	188,364,624	520,392
1952	93,956,607	(661,980)	137,142,515	1,687,186	231,099,122	1,025,207	93,956,615	(661,979)	137,142,763	1,687,190	231,099,378	1,025,210	91,338,689	(628,082)	137,498,108	1,699,107	228,836,797	1,071,024	92,062,428	(632,608)	137,476,281	1,697,224	229,538,709	1,064,616
1953	93,996,476	(677,372)	117,102,866	1,418,626	211,099,342	741,254	93,996,481	(677,371)	117,102,820	1,418,625	211,099,301	741,254	90,177,931	(627,854)	116,957,363	1,418,441	207,135,293	790,588	90,648,436	(630,370)	116,992,187	1,417,495	207,640,622	787,125
1954	95,367,349	(707,778)	109,872,810	1,290,886	205,240,159	583,108	92,060,064	(627,997)	109,531,298	1,286,242	201,591,362	658,245	91,371,623	(677,712)	107,984,073	1,265,751	199,355,696	588,039	91,563,293	(678,548)	108,009,016	1,265,222	199,572,309	586,674
1955	110,522,222	(945,861)	80,290,875	883,010	190,813,097	(62,850)	104,412,472	(825,311)	80,632,191	887,336	185,044,664	62,026	108,356,878	(932,743)	80,416,140	884,571	188,773,018	(48,172)	108,451,025	(932,107)	80,599,306	887,425	189,050,331	(44,682)
1956	102,382,460	(894,992)	88,489,580	1,000,287	190,872,041	105,295	96,093,006	(752,265)	88,461,393	999,934	184,554,399	247,668	101,720,333	(884,137)	87,751,513	994,227	189,471,846	110,090	101,665,548	(883,564)	87,641,427	988,968	189,306,975	105,404
1957	99,151,574	(725,716)	111,759,738	1,351,791	210,911,312	626,075	97,545,253	(708,399)	111,810,932	1,352,525	209,356,185	644,126	96,010,996	(671,589)	114,047,372	1,382,630	210,058,368	711,041	96,204,852	(671,595)	114,027,103	1,382,327	210,231,956	710,732
1958	89,497,568	(574,867)	125,198,267	1,527,497	214,695,835	952,630	89,497,568	(574,867)	125,198,274	1,527,497	214,695,842	952,630	84,565,526	(494,029)	124,710,097	1,523,176	209,275,623	1,029,147	84,938,981	(494,728)	124,662,254	1,523,535	209,601,236	1,028,806
1959	92,227,589	(587,589)	115,899,798	1,418,581	208,127,386	830,992	92,227,589	(587,589)	115,899,798	1,418,581	208,127,386	830,992	86,840,382	(499,461)	116,709,542	1,426,192	203,549,924	926,731	87,065,575	(500,882)	116,608,455	1,426,765	203,674,030	925,883
1960	87,828,339	(528,914)	140,933,689	1,782,687	228,762,028	1,253,773	87,828,339	(528,914)	140,933,689	1,782,687	228,762,028	1,253,773	84,163,373	(468,336)	140,094,250	1,768,576	224,257,623	1,300,241	84,509,843	(469,552)	139,864,541	1,769,905	224,374,385	1,300,353
1961	88,875,190	(501,555)	147,130,107	1,840,154	236,005,297	1,338,599	88,875,190	(501,555)	147,130,107	1,840,154	236,005,297	1,338,599	85,334,908	(438,094)	146,541,531	1,826,685	231,876,439	1,388,591	85,447,684	(436,341)	146,3			

Current Water Withdrawals with Historical Hydrology

(Year)	NAA/A1						A2						A3						A4					
	DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM	
	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)
1990	94,048,334	(681,332)	139,419,849	1,719,803	233,468,183	1,038,471	94,048,343	(681,331)	139,419,850	1,719,803	233,468,193	1,038,471	90,051,314	(622,636)	139,625,694	1,723,972	229,677,008	1,101,337	90,065,267	(620,501)	139,421,559	1,723,211	229,486,826	1,102,710
1991	87,958,712	(535,014)	138,388,802	1,717,624	226,347,514	1,182,610	87,958,712	(535,014)	138,388,802	1,717,624	226,347,514	1,182,610	83,015,205	(456,611)	139,140,141	1,716,531	222,155,346	1,259,920	83,080,181	(453,550)	138,976,416	1,718,150	222,056,597	1,264,600
1992	90,490,808	(495,263)	141,796,192	1,824,540	232,287,000	1,329,277	90,490,808	(495,263)	141,796,192	1,824,540	232,287,000	1,329,277	86,257,588	(429,465)	142,361,329	1,825,079	228,618,917	1,395,614	86,573,086	(428,005)	142,159,982	1,826,181	228,733,068	1,398,176
1993	94,821,928	(633,326)	161,572,356	2,054,673	256,394,285	1,421,347	92,891,726	(582,280)	161,508,674	2,053,768	254,400,401	1,471,488	92,831,226	(630,658)	160,971,554	2,037,439	253,802,779	1,406,781	93,067,656	(633,179)	161,215,673	2,040,066	254,283,328	1,406,888
1994	91,288,792	(632,221)	136,584,936	1,689,877	227,873,728	1,057,656	90,848,581	(624,525)	136,653,460	1,690,826	227,502,041	1,066,301	89,063,984	(578,352)	137,801,182	1,697,651	226,865,165	1,119,299	89,041,178	(577,263)	137,600,479	1,694,946	226,641,657	1,117,684
1995	88,334,585	(551,791)	144,694,312	1,870,949	233,028,896	1,319,158	88,334,585	(551,791)	144,694,312	1,870,949	233,028,896	1,319,158	83,661,240	(482,260)	144,388,111	1,860,815	228,049,352	1,378,555	83,639,447	(479,919)	144,298,706	1,862,540	227,938,153	1,382,621
1996	92,930,083	(634,886)	145,093,988	1,819,449	238,024,071	1,184,562	92,930,083	(634,886)	145,093,988	1,819,449	238,024,071	1,184,562	88,517,960	(571,404)	145,727,052	1,822,474	234,245,013	1,251,070	88,670,018	(569,575)	145,883,136	1,821,964	234,553,154	1,252,389
1997	91,076,893	(687,782)	128,401,734	1,580,284	219,478,626	892,502	91,076,962	(687,780)	128,401,745	1,580,284	219,478,707	892,503	85,405,944	(604,681)	128,724,741	1,579,639	214,130,685	974,958	85,655,629	(603,347)	128,703,896	1,579,071	214,359,525	975,724
1998	93,468,025	(634,226)	174,656,032	2,236,734	268,124,057	1,602,508	93,467,963	(634,227)	174,656,013	2,236,733	268,123,977	1,602,506	90,758,722	(611,338)	175,095,629	2,238,140	265,854,351	1,626,802	91,119,556	(613,328)	174,810,849	2,239,366	265,930,405	1,626,038
1999	94,935,298	(785,697)	91,346,800	1,039,926	186,282,098	254,229	91,376,418	(704,721)	90,815,985	1,032,826	182,192,403	328,104	90,797,102	(751,882)	88,815,879	1,004,242	179,612,981	252,360	91,110,598	(750,168)	89,457,989	1,013,765	180,568,588	263,597
2000	108,849,063	(989,694)	75,010,070	815,036	183,859,133	(174,658)	96,395,063	(766,480)	75,455,139	821,754	171,850,202	55,274	108,397,665	(985,871)	75,884,269	829,580	184,281,934	(156,291)	108,433,091	(988,876)	74,978,498	818,795	183,411,589	(170,081)
2001	104,909,017	(1,036,007)	64,905,488	673,729	169,814,505	(362,278)	83,846,829	(743,109)	64,964,698	674,261	148,811,528	(68,849)	105,217,903	(1,024,963)	64,887,354	673,830	170,105,257	(351,133)	105,271,765	(1,024,264)	64,889,958	673,473	170,161,723	(350,791)
2002	105,322,810	(1,049,766)	71,760,578	801,331	177,083,388	(248,435)	82,418,722	(675,330)	72,175,602	802,808	154,594,325	127,478	105,947,603	(1,023,149)	71,672,951	801,900	177,620,554	(221,249)	106,060,214	(1,021,094)	71,642,066	804,558	177,702,280	(216,536)
2003	89,482,185	(638,702)	150,825,995	1,888,881	240,308,179	1,250,179	89,123,723	(643,836)	150,845,818	1,886,225	239,969,541	1,242,388	86,093,906	(565,413)	152,928,961	1,912,152	239,022,867	1,346,738	86,380,109	(567,776)	152,570,438	1,907,580	238,950,547	1,339,804
2004	95,591,337	(641,820)	122,283,402	1,539,415	217,874,738	897,595	95,590,733	(641,822)	122,283,063	1,539,413	217,873,796	897,592	89,685,927	(555,975)	121,632,875	1,534,086	211,318,803	978,111	89,941,105	(556,026)	121,678,044	1,534,478	211,619,149	978,452
2005	86,805,729	(553,923)	151,438,984	1,840,939	238,244,713	1,287,016	86,805,719	(553,923)	151,439,080	1,840,940	238,244,799	1,287,018	81,615,636	(473,017)	152,066,340	1,841,433	233,681,976	1,368,416	82,005,381	(473,427)	151,646,829	1,836,263	233,652,210	1,362,836
2006	98,887,792	(835,813)	83,908,425	933,113	182,796,217	97,301	93,312,067	(731,173)	84,048,315	932,853	177,360,382	201,680	95,177,872	(806,223)	81,707,673	907,272	176,885,545	101,049	95,004,074	(803,231)	81,819,908	910,471	176,823,983	107,240
2007	106,460,471	(947,614)	75,125,602	852,728	181,586,073	(94,887)	96,997,179	(727,691)	75,146,427	852,301	172,143,605	124,610	98,719,640	(872,143)	74,957,120	851,739	173,676,760	(20,404)	98,237,363	(866,245)	74,917,473	851,234	173,154,836	(15,011)
2008	90,390,654	(816,204)	61,138,966	762,345	151,529,620	(53,859)	63,280,779	(416,316)	56,192,727	687,165	119,473,506	270,849	106,573,619	(1,020,721)	60,357,909	753,775	166,931,528	(266,946)	105,273,901	(965,766)	60,434,166	755,511	165,708,067	(210,255)
2009	39,342,919	(529,378)	79,318,414	943,667	118,661,334	414,289	80,666,102	(642,177)	81,824,904	986,206	162,491,006	344,030	104,356,050	(951,246)	81,390,116	979,852	185,746,166	28,606	103,861,993	(947,761)	80,182,339	962,330	184,044,332	14,568
2010	86,312,974	(674,525)	130,248,202	1,601,796	216,561,176	927,271	90,650,737	(626,478)	130,774,074	1,610,198	221,424,812	983,719	89,434,301	(685,966)	128,018,245	1,570,350	217,452,546	884,384	89,430,290	(686,703)	129,248,676	1,584,934	218,678,966	898,230
2011	102,940,041	(870,203)	81,529,818	904,903	184,469,859	34,700	94,935,983	(697,852)	81,781,411	908,520	176,717,394	210,668	101,242,156	(856,065)	82,200,075	922,881	183,442,231	66,816	100,650,129	(851,085)	82,184,025	921,657	182,834,154	70,573

Future Water Withdrawals with Climate Change Hydrology

(Year)	NAA/A1						A2						A3						A4					
	DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM	
	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)
1939	90,077,083	(674,371)	111,252,018	1,333,074	201,329,101	658,703	90,077,083	(674,371)	111,252,018	1,333,074	201,329,101	658,703	86,309,119	(614,217)	111,305,135	1,332,879	197,614,254	718,663	86,978,867	(619,979)	111,294,896	1,333,701	198,273,763	713,722
1940	102,807,035	(794,373)	98,782,122	1,149,427	201,589,156	355,055	102,513,954	(791,507)	98,782,161	1,149,428	201,296,114	357,921	102,096,751	(784,257)	98,933,644	1,144,424	201,030,395	360,167	104,307,099	(810,126)	98,723,328	1,144,468	203,030,427	334,342
1941	106,768,028	(894,921)	87,202,924	982,208	193,970,951	87,287	103,901,660	(825,784)	87,190,067	982,006	191,091,727	156,223	103,612,250	(872,849)	86,484,793	961,403	190,097,044	88,554	103,592,748	(871,837)	86,455,222	960,916	190,047,970	89,080
1942	96,870,980	(785,222)	96,956,426	1,125,011	193,827,406	339,790	96,173,076	(768,697)	96,970,903	1,125,219	193,143,978	356,523	93,292,516	(719,613)	98,785,031	1,153,138	192,077,547	433,525	93,448,267	(719,185)	98,704,809	1,151,785	192,153,076	432,600
1943	87,231,749	(551,812)	137,134,710	1,697,402	224,366,459	1,145,591	87,231,749	(551,812)	137,134,710	1,697,402	224,366,459	1,145,591	82,578,002	(478,001)	136,658,163	1,692,324	219,236,165	1,214,323	83,010,173	(480,664)	136,878,016	1,691,182	219,888,189	1,210,518
1944	94,896,565	(691,249)	128,354,325	1,584,954	223,250,889	893,706	94,896,658	(691,247)	128,354,338	1,584,955	223,250,996	893,707	91,382,174	(650,050)	128,098,517	1,580,564	219,480,691	930,513	91,571,731	(648,981)	128,435,332	1,584,523	220,007,063	935,542
1945	101,172,041	(852,839)	92,902,005	1,069,830	194,074,045	216,991	101,172,022	(852,838)	92,902,038	1,069,830	194,074,060	216,992	100,240,007	(839,267)	92,898,095	1,068,497	193,138,102	229,230	100,153,181	(841,865)	92,632,480	1,067,034	192,785,661	225,169
1946	93,418,959	(581,604)	147,948,053	1,858,137	241,367,013	1,276,534	93,418,893	(581,604)	147,947,994	1,858,137	241,366,886	1,276,532	89,398,607	(524,586)	148,174,453	1,857,537	237,573,060	1,332,951	89,964,350	(527,365)	147,750,012	1,852,614	237,714,362	1,325,249
1947	94,182,332	(741,903)	108,635,855	1,308,177	202,818,187	566,274	92,367,393	(699,609)	108,629,298	1,307,964	200,996,691	608,354	89,001,241	(680,894)	107,062,613	1,287,179	196,063,854	606,285	89,456,044	(684,820)	106,904,263	1,287,626	196,360,307	602,806
1948	89,520,798	(536,056)	145,150,729	1,847,678	234,671,527	1,311,623	89,504,467	(535,548)	145,170,518	1,847,924	234,674,985	1,312,376	84,279,720	(444,442)	144,639,765	1,839,665	228,919,485	1,395,223	84,771,511	(447,408)	144,598,605	1,842,542	229,370,117	1,395,134
1949	93,743,109	(416,021)	197,759,862	2,583,711	291,502,970	2,167,690	93,743,109	(416,021)	197,759,862	2,583,711	291,502,970	2,167,690	89,437,759	(345,782)	201,128,719	2,619,068	290,566,478	2,273,286	89,673,916	(345,847)	200,796,200	2,618,958	290,470,116	2,273,111
1950	88,021,141	(557,078)	114,709,246	1,391,381	202,730,387	834,303	88,021,141	(557,078)	114,709,246	1,391,381	202,730,387	834,303	82,702,964	(471,450)	114,373,046	1,389,801	197,076,010	918,351	83,090,936	(474,034)	114,304,734	1,390,164	197,395,671	916,129
1951	92,631,466	(740,166)	95,964,074	1,115,316	188,595,540	375,150	91,024,737	(694,937)	95,964,230	1,115,318	186,988,968	420,381	88,136,513	(681,025)	95,872,461	1,110,735	184,008,974	429,710	88,673,795	(685,529)	95,882,599	1,110,104	184,556,394	424,575
1952	96,489,003	(684,433)	132,856,876	1,629,371	229,345,878	944,938	94,425,275	(623,127)	132,857,202	1,629,376	227,282,477	1,006,249	92,679,508	(651,730)	132,028,504	1,622,381	224,708,012	970,651	92,900,229	(652,503)	132,006,129	1,620,158	224,906,358	967,656
1953	94,916,874	(756,631)	108,508,072	1,294,014	203,424,946	537,383	93,970,519	(739,686)	108,538,338	1,293,635	202,508,857	553,949	92,517,866	(704,685)	109,997,771	1,311,416	202,515,637	606,731	93,175,130	(709,763)	110,283,744	1,314,970	203,458,874	605,207
1954	96,344,850	(733,773)	104,850,610	1,222,796	201,195,461	489,023	92,460,917	(644,368)	104,898,854	1,223,244	197,359,771	578,876	91,666,086	(690,671)	104,394,448	1,212,903	196,060,534	522,232	92,061,413	(694,993)	103,963,949	1,209,381	196,025,363	514,388
1955	109,961,910	(963,016)	75,353,750	815,568	185,315,660	(147,448)	99,934,763	(786,255)	75,347,349	815,627	175,282,112	29,372	109,538,296	(966,643)	74,869,808	812,792	184,408,103	(153,851)	109,554,628	(966,501)	74,818,141	811,970	184,372,769	(154,531)
1956	105,311,012	(960,472)	81,260,325	890,546	186,571,337	(69,927)	95,951,047	(787,582)	81,122,397	888,370	177,073,444	100,788	102,593,152	(924,061)	80,476,642	882,194	183,069,794	(41,867)	102,436,006	(923,572)	80,542,674	883,152	182,978,680	(40,420)
1957	100,399,348	(775,909)	104,538,082	1,245,492	204,937,430	469,583	97,368,815	(729,211)	104,703,230	1,247,294	202,072,044	518,084	97,581,022	(714,570)	106,703,945	1,276,433	204,284,967	561,863	97,919,186	(720,569)	106,132,434	1,272,008	204,051,620	551,439
1958	90,259,454	(624,170)	121,552,239	1,479,739	211,811,693	855,569	90,260,939	(624,187)	121,552,093	1,479,737	211,813,033	855,550	85,934,410	(558,521)	121,022,338	1,478,633	206,956,748	920,112	86,220,218	(559,164)	121,062,997	1,478,414	207,283,215	919,251
1959	98,014,182	(692,753)	109,207,549	1,310,730	207,221,732	617,977	98,014,229	(692,761)	109,207,479	1,310,731	207,221,708	617,971	94,605,956	(638,596)	108,658,148	1,302,942	203,264,104	664,345	94,764,677	(637,666)	108,684,758	1,301,923	203,449,434	664,257
1960	88,785,380	(568,285)	135,200,216	1,687,438	223,985,596	1,119,153	88,534,118	(564,971)	134,914,800	1,688,541	223,448,918	1,123,570	84,621,366	(501,448)	134,753,774	1,687,919	219,375,140	1,186,472	84,971,516	(503,613)	134,897,818	1,687,018	219,869,333	1,183,405
1961	88,585,463	(526,703)	140,310,597	1,743,441	228,896,060	1,216,738	88,604,345	(526,156)	141,349,738	1,758,139	229,954,083	1,231,983	84,395,566	(454,152)	141,143,691	1,748,083	225,539,258	1,293,931	84,894,515	(456,228)	140,807,589	1,750,001	225,702,10,	

Future Water Withdrawals with Climate Change Hydrology

(Year)	NAA/A1						A2						A3						A4					
	DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM		DUKE		USACE		SYSTEM	
	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)	(\$)	(Net MWh)
1990	95,504,711	(714,775)	136,366,553	1,675,522	231,871,263	960,747	94,940,743	(699,220)	136,373,531	1,675,677	231,314,274	976,456	91,598,699	(674,015)	136,976,706	1,686,260	228,575,404	1,012,245	92,177,186	(678,268)	136,992,879	1,688,519	229,170,065	1,010,251
1991	87,546,533	(562,967)	130,218,038	1,597,741	217,764,571	1,034,774	87,677,973	(568,153)	130,186,322	1,597,302	217,864,295	1,029,148	81,686,887	(469,914)	130,056,363	1,588,723	211,743,250	1,118,810	82,403,837	(473,689)	129,797,190	1,585,768	212,201,027	1,112,079
1992	90,377,927	(515,783)	136,830,104	1,745,945	227,208,031	1,230,162	90,372,711	(515,740)	136,830,156	1,745,954	227,202,866	1,230,214	86,645,077	(454,284)	136,634,181	1,739,358	223,279,258	1,285,075	86,862,876	(451,622)	136,547,957	1,737,608	223,410,832	1,285,987
1993	95,629,082	(652,843)	156,880,284	1,980,877	252,509,367	1,328,034	92,764,661	(579,824)	156,844,817	1,980,011	249,609,477	1,400,187	92,548,920	(647,563)	155,586,046	1,958,533	248,134,966	1,310,971	92,805,122	(652,429)	155,391,457	1,953,037	248,196,579	1,300,608
1994	92,546,622	(682,403)	128,344,431	1,581,062	220,891,054	898,659	90,233,736	(641,294)	128,451,417	1,581,945	218,685,153	940,652	87,827,153	(588,259)	131,357,307	1,608,899	219,184,461	1,020,640	88,455,729	(592,739)	131,234,722	1,605,087	219,690,450	1,012,348
1995	88,400,946	(573,596)	138,686,559	1,786,864	227,087,504	1,213,268	88,398,888	(573,575)	138,686,675	1,786,865	227,085,563	1,213,290	84,410,030	(510,626)	138,789,332	1,781,322	223,199,362	1,270,695	84,331,573	(504,475)	138,789,708	1,784,209	223,121,280	1,279,733
1996	92,799,845	(656,197)	139,152,353	1,729,997	231,952,198	1,073,801	92,797,488	(656,185)	139,153,243	1,730,008	231,950,731	1,073,823	89,552,994	(611,196)	139,930,525	1,737,619	229,483,519	1,126,424	89,422,483	(607,026)	139,999,716	1,737,669	229,422,198	1,130,644
1997	92,012,628	(715,464)	124,194,900	1,520,970	216,207,528	805,506	91,677,395	(708,757)	124,233,220	1,519,660	215,910,615	810,904	87,203,258	(661,034)	123,434,795	1,502,218	210,638,053	841,184	87,072,227	(657,288)	123,379,054	1,502,532	210,451,280	845,244
1998	94,956,211	(651,576)	169,757,004	2,175,173	264,713,214	1,523,596	94,746,827	(648,736)	169,831,951	2,176,096	264,578,778	1,527,361	92,125,982	(629,200)	171,551,639	2,191,986	263,677,621	1,562,785	92,323,214	(631,068)	171,334,536	2,192,324	263,657,750	1,561,256
1999	104,224,338	(927,036)	84,720,378	941,198	188,944,716	14,162	99,233,519	(824,395)	84,831,708	942,795	184,065,226	118,400	102,101,851	(917,380)	83,142,940	922,997	185,244,791	5,617	102,090,483	(914,847)	83,057,315	921,738	185,147,798	6,891
2000	108,674,812	(999,463)	70,638,508	785,759	179,313,321	(213,704)	92,361,315	(684,321)	70,669,308	786,060	163,030,622	101,739	107,812,043	(999,101)	70,367,343	786,917	178,179,386	(212,184)	107,765,350	(999,903)	70,307,879	786,566	178,073,230	(213,337)
2001	104,045,211	(1,071,260)	60,648,730	684,843	164,693,941	(386,417)	78,768,426	(609,604)	60,453,286	680,584	139,221,712	70,979	104,868,731	(1,036,935)	60,379,336	683,556	165,248,067	(353,379)	104,864,796	(1,037,278)	60,180,480	683,066	165,045,276	(354,212)
2002	79,784,289	(736,262)	61,343,682	781,537	141,127,970	45,275	64,036,221	(429,469)	58,355,269	740,668	122,391,490	311,199	105,450,660	(1,049,684)	59,746,279	761,507	165,196,939	(288,177)	105,293,398	(1,047,372)	59,531,717	758,525	164,825,115	(288,847)
2003	11,244,817	147,543	139,830,635	1,733,612	151,075,452	1,881,155	85,577,669	(685,474)	133,992,041	1,660,081	219,569,709	974,607	85,237,249	(623,498)	136,398,120	1,683,935	221,635,369	1,060,436	85,458,557	(622,171)	135,887,246	1,678,831	221,345,802	1,056,660
2004	9,788,948	(79,346)	111,756,995	1,365,384	121,545,943	1,286,038	98,103,028	(677,753)	116,840,084	1,454,990	214,943,112	777,237	93,997,677	(611,576)	116,534,989	1,448,553	210,532,665	836,977	93,675,958	(604,158)	116,267,666	1,452,189	209,943,625	848,031
2005	69,606,324	(411,548)	145,111,966	1,746,518	214,718,290	1,334,970	86,104,118	(570,624)	145,654,809	1,756,297	231,758,927	1,185,673	80,966,072	(490,341)	146,130,634	1,758,080	227,096,707	1,267,738	80,999,560	(486,911)	145,668,607	1,756,556	226,668,167	1,269,644
2006	95,374,011	(801,432)	79,927,052	884,238	175,301,063	82,806	92,098,826	(732,871)	79,839,346	884,712	171,938,171	151,841	95,298,467	(824,286)	77,941,409	860,293	173,239,876	36,006	95,047,076	(820,134)	77,899,114	860,177	172,946,190	40,043
2007	107,199,088	(984,907)	71,877,186	823,607	179,076,275	(161,300)	92,828,324	(691,862)	70,874,620	808,123	163,702,944	116,261	107,565,718	(996,350)	72,042,195	832,030	179,607,913	(164,320)	107,615,824	(998,071)	71,103,287	818,270	178,719,110	(179,802)
2008	99,145,691	(950,831)	57,661,439	777,217	156,807,130	(173,615)	63,142,430	(437,489)	44,530,674	576,041	107,673,104	138,552	101,077,747	(870,270)	55,507,594	744,764	156,585,341	(125,507)	96,767,206	(806,698)	57,086,470	768,454	153,853,676	(38,244)
2009	35,830,519	(695,452)	63,099,006	765,438	98,929,525	69,987	75,433,036	(601,030)	74,500,768	874,758	149,933,804	273,728	100,162,742	(950,411)	66,578,653	807,614	166,741,395	(142,798)	98,609,923	(929,403)	62,709,371	763,524	161,319,294	(165,880)
2010	85,723,826	(696,937)	120,834,002	1,465,212	206,557,828	768,275	88,402,157	(620,343)	126,034,845	1,537,990	214,437,002	917,646	89,437,852	(704,056)	120,916,458	1,471,062	210,354,310	767,006	89,398,802	(704,335)	121,613,347	1,477,482	211,012,149	773,147
2011	104,388,352	(891,533)	76,595,861	862,842	180,984,213	(28,691)	95,012,985	(671,568)	76,452,916	862,948	171,465,901	191,380	102,556,676	(880,548)	76,277,676	867,949	178,834,351	(12,598)	102,392,728	(877,580)	76,740,990	877,399	179,133,718	(181)