

# **GRAND RIVER DAM AUTHORITY**

## **CONTINUING DISCLOSURE**

**FOR THE PERIOD ENDING DECEMBER 31, 2009**

**June 30, 2010**

**HISTORICAL OPERATING RESULTS<sup>(1)</sup>**  
**UNAUDITED**

	2009 <sup>(2)</sup> per GBR 5107	2009 <sup>(2)</sup> per GBR 4800	2008	2007	2006	2005
<b>Operating Revenues:</b>						
Municipal Power Sales	\$114,935,982	\$114,935,982	\$116,375,670	\$118,279,132	\$116,614,608	\$116,869,309
Electric Cooperative Power Sales	27,277,647	27,277,647	27,137,644	26,249,680	26,144,914	23,228,031
Industrial Power Sales	28,749,878	28,749,878	26,975,259	25,960,433	24,997,953	22,748,028
Off System Power Sales - Firm	58,550,704	58,550,704	55,231,023	55,023,861	55,890,706	60,021,769
Off System Power Sales - Spot	50,460,911	50,460,911	52,485,735	30,044,533	4,136,057	17,377,449
Other Power Sales <sup>(3)</sup>	7,618,971	7,618,971	6,836,940	5,851,260	6,207,254	5,156,961
Collection of Power Cost Adjustment	37,386,943	37,386,943	28,899,006	35,490,190	37,015,594	13,009,632
Gross Power Sales	\$324,981,036	\$324,981,036	\$313,941,277	\$296,899,089	\$271,007,086	\$258,411,179
(Over) under recovered fuel costs	(\$15,302,733)					
Other Operating Revenues	7,990,674	7,990,674	7,118,751	10,004,225	11,099,095	9,437,297
<b>Total Operating Revenues</b>	<b>\$317,668,977</b>	<b>\$332,971,710</b>	<b>\$321,060,028</b>	<b>\$306,903,314</b>	<b>\$282,106,181</b>	<b>\$267,848,476</b>
<b>Operating Expenses:</b>						
Fuel-CFC	\$94,585,202	\$94,585,202	\$90,710,012	\$75,652,926	\$65,511,590	\$61,999,460
Fuel-Redbud	\$36,371,265	\$36,371,265	\$7,630,938	\$0	\$0	\$0
Purchased Power	7,589,678	7,589,678	30,339,495	28,974,960	57,142,790	47,980,861
Electric Production (excluding fuel)						
Coal Fired Plant Unit 1	9,449,964	9,449,964	9,298,720	7,644,108	7,287,067	6,161,577
Coal Fired Plant Unit 2 <sup>(4)</sup>	9,892,892	9,892,892	8,469,455	7,469,825	12,245,698	6,658,493
Redbud Plant <sup>(5)</sup>	6,181,134	6,181,134	953,885	0	0	0
Pensacola Hydro	2,194,251	2,194,251	1,860,031	2,088,470	2,215,249	2,046,158
Markham Ferry Hydro	4,615,125	4,615,125	2,703,126	2,696,171	1,976,514	1,774,782
Salina Pumped Storage	1,059,582	1,059,582	1,324,402	1,384,996	1,655,353	2,242,794
Lake Patrol	1,243,003	1,243,003	1,141,746	990,404	1,030,785	981,480
Transmission	21,081,675	21,081,675	17,492,282	18,577,313	15,554,392	13,745,455
Administrative & General	19,745,002	19,745,002	20,185,919	15,700,876	16,544,856	20,389,494
Water Production	749,430	749,430	928,479	518,685	533,723	462,848
<b>Total Operating Expenses</b>	<b>\$214,758,203</b>	<b>\$214,758,203</b>	<b>\$193,038,490</b>	<b>\$161,698,734</b>	<b>\$181,698,017</b>	<b>\$164,443,402</b>
<b>Net Operating Revenues</b>	<b>\$102,910,774</b>	<b>\$118,213,507</b>	<b>\$128,021,538</b>	<b>\$145,204,580</b>	<b>\$100,408,164</b>	<b>\$103,405,074</b>
Other Income <sup>(6)</sup>	17,588,591	16,390,134	14,929,690	19,691,690	11,464,743	10,971,748
<b>Net Revenues Available for Bond Service</b>	<b>\$120,499,365</b>	<b>\$134,603,641</b>	<b>\$142,951,228</b>	<b>\$164,896,270</b>	<b>\$111,872,907</b>	<b>\$114,376,822</b>
Other Available Funds <sup>(7)</sup>	22,000,000	22,000,000	28,104,674	0	0	0
<b>Total Funds Available for Bond Service</b>	<b>\$142,499,365</b>	<b>\$156,603,641</b>	<b>\$171,055,902</b>	<b>\$164,896,270</b>	<b>\$111,872,907</b>	<b>\$114,376,822</b>
Bond Service	125,750,502	133,726,236	102,645,122	95,429,572	95,480,729	95,491,484
<b>Available for Capital Improvements or Other Authorized Purposes</b>	<b>\$16,748,863</b>	<b>\$22,877,405</b>	<b>\$68,410,780</b>	<b>\$69,466,698</b>	<b>\$16,392,178</b>	<b>\$18,885,338</b>
<b>Bond Service Coverage Including PCA<sup>(8)</sup></b>	<b>1.13</b>	<b>1.17</b>	<b>1.67</b>	<b>1.73</b>	<b>1.17</b>	<b>1.20</b>

- (1) Excludes interdepartmental sales and expenses. Also excludes depreciation, which is not included in Maintenance and Operation Costs, as defined in the resolution, and does not require a cash outlay.
- (2) Per General Bond Resolution (GBR) 4800 and 5107, the Authority shall establish and collect rates, which together with other available funds, will be sufficient to make all payments pertaining to bond payments, maintenance and operations costs, and any other charges against the Authority. The Debt Service Coverage calculations for the years 2005 through 2008 were calculated under Resolution 4800. Calendar year 2009 is calculated under the new Bond Resolution 5107 which became effective July 2009, and is included in this transition year to provide a comparison. The column in gray reflects what the debt coverage for 2009 would have been had Resolution 4800 remained in effect.
- (3) Includes sales to Oklahoma Municipal Power Authority. Oklahoma Municipal Power Authority's portion includes its share of Authority debt service relating to GRDA 2 and common facilities, fuel costs, fixed and variable operating expenses and administrative and general expenses.
- (4) Reflects the Authority's 62% undivided ownership of GRDA Unit 2.
- (5) Reflects the Authority's 36% undivided ownership of Redbud combined-cycle natural gas fired plant near Luther, Oklahoma.
- (6) Consists primarily of interest income. Excludes amortization of forward investment contract receipts of \$1,201,740, \$1,198,457, \$1,198,457, and \$1,124,604 in 2008, 2007, 2006, and 2005 respectively under GBR 4800. Also excludes change in fair value on instruments of (\$2,012,928), \$3,287,302, \$2,840,957, (\$171,278), and (\$1,967,210) in 2009, 2008, 2007, 2006, and 2005 respectively, interest income restricted for construction of \$13,610, \$146,363, \$233,409, and \$284,776 in 2008, 2007, 2006, and 2005 respectively, interest income restricted for special purposes of \$5,957, \$7,860, \$13,102, \$14,802, and \$6,973 in 2009, 2008, 2007, 2006, and 2005 respectively, and allowance for funds used during construction of \$2,018,999, \$1,924,635, \$860,403, and \$224,732 in 2009, 2008, 2007, and 2006 respectively,
- (7) In 2009, Other Available Funds were from the Reserve & Contingency Fund (not required under GBR 5107) utilized for bond principal payments. In 2008, Other Available Funds were from excess funds from 1982 Construction Funds utilized for bond principal payments.
- (8) Total Funds Available for Bond Service divided by Bond Service.

**Selected Fund Balances**  
**As of December 31, 2009**

	Balance	Interest Receivable	Total
<b>Restricted for:</b>			
Bond Service Reserve Account <sup>(1)</sup>	<b>\$141,560,059.76</b>		\$141,560,059.76
Reserve and Contingency Account	13,390,014.69		13,390,014.69
Construction Account <sup>(1)</sup>	<b>151,837,215.88</b>	107,773.76	151,944,989.64
Bond Service Account <sup>(1)</sup>	<b>59,544,174.00</b>	5,348.47	59,549,522.47
<b>Board Designated:</b>			
Supplemental Reserve & Cont Fund I	<b>15,000,000.00</b>		15,000,000.00
Supplemental Reserve & Cont Fund II	<b>15,000,000.00</b>		15,000,000.00
<b>Other Special Purposes:</b>			
Pensacola Mitigation Fund	367,469.03	360.48	367,829.51
The Nature Conservancy Fund	<b>27,000.00</b>		27,000.00
<b>Unrestricted:</b>			
General Operating Accounts	<b>62,189,496.34</b>	1,314,828.72	63,504,325.06

(1) Deposits in and interest receivable to these accounts, not legally restricted, have been reclassified as General Operating.

**OPERATING REVENUES  
FOR THE YEAR ENDED DECEMBER 31, 2009**

	SALES (1000 KWH)	REVENUES (BEFORE PCA)	REVENUES (AFTER PCA)
COOPERATIVES	607,723	\$27,277,647	\$31,140,662
MUNICIPALITIES	3,000,980	114,935,982	133,547,326
INDUSTRIAL	616,543	28,749,878	32,669,848
SUB-TOTAL	4,225,246	\$170,963,507	\$197,357,836
OFF SYSTEM SALES - FIRM	1,730,040	58,550,704	69,543,318
UNDER/(OVER) COLLECTED PCA			(15,302,733)
OTHER POWER SALES <sup>(1)</sup>	160,818	7,618,971	7,618,971
TOTAL CONTRACT SALES	6,116,104	\$237,133,182	\$259,217,392
OFF SYSTEM SALES - SPOT	1,612,029	50,460,911	50,460,911
TOTAL POWER SALES	7,728,133	\$287,594,092	\$309,678,303
OTHER OPERATING REVENUES			7,990,674
<b>TOTAL OPERATING REVENUES<sup>(2)</sup></b>	<b>7,728,133</b>	<b>\$287,594,092</b>	<b>\$317,668,977</b>

(1) GRDA UNIT 2 OUTPUT POWER SALES TO OKLAHOMA MUNICIPAL POWER AUTHORITY

(2) DOES NOT REFLECT INTERDEPARTMENTAL SALES.

**ELECTRIC COOPERATIVES  
PEAK DEMAND, SALES, AND REVENUES  
FOR THE YEAR ENDED DECEMBER 31, 2009**

<b>CUSTOMER</b>	<b>CUSTOMER SINCE</b>	<b>CONTRACT EXPIRES</b>	<b>PEAK KW DEMAND</b>	<b>SALES (1000 KWH)</b>	<b>AUTHORITY REVENUES <sup>(1)</sup></b>
NORTHEASTERN OKLAHOMA ELECTRIC COOPERATIVE INC.	1946	2013	154,884	607,723	\$31,140,662
<b>TOTAL</b>				<b>607,723</b>	<b>\$31,140,662</b>

*(1) AFTER APPLICATION OF POWER COST ADJUSTMENT.*

**MUNICIPALITIES  
PEAK DEMAND, SALES, AND REVENUES  
FOR THE YEAR ENDED DECEMBER 31, 2009**

CUSTOMER	CUSTOMER SINCE	CONTRACT EXPIRES	PEAK KW DEMAND	SALES (1000 KWH)	AUTHORITY REVENUES <sup>(1)</sup>
<b><u>MUNICIPAL CONTRACTS:</u></b>					
CITY OF COFFEYVILLE, KANSAS	1999	2042	111,187	761,249	\$31,103,484
STILLWATER UTILITIES AUTHORITY	1987	2012	91,227	429,598	18,599,125
CLAREMORE PUBLIC WORKS AUTHORITY	1946	2042	75,750	286,334	13,760,523
CITY OF SILOAM SPRINGS, ARKANSAS	1989	2042	55,937	246,590	11,366,059
MIAMI PUBLIC UTILITIES BOARD	1947	2042	48,722	199,887	9,247,509
TAHLEQUAH PUBLIC WORKS AUTHORITY	1947	2042	47,137	185,852	9,064,430
SALLISAW MUNICIPAL AUTHORITY	1952	2042	27,545	116,845	5,852,409
CITY OF PRYOR CREEK MUNICIPAL UTILITY BOARD	1951	2042	29,544	103,226	4,988,582
CUSHING MUNICIPAL AUTHORITY	1953	2042	24,913	99,195	4,685,659
WAGONER PUBLIC WORKS AUTHORITY	1947	2042	23,210	89,209	4,450,066
BYNG PUBLIC WORKS AUTHORITY	1992	2017	16,196	88,369	3,926,183
STILWELL AREA DEVELOPMENT AUTHORITY	1950	2042	17,313	82,096	3,867,294
COLLINSVILLE MUNICIPAL AUTHORITY <sup>(2)</sup>	2003	2042	12,599	44,203	2,140,079
MANNFORD PUBLIC WORKS AUTHORITY	2003	2013	8,512	37,496	1,769,304
STROUD UTILITIES AUTHORITY	1986	2042	8,208	30,171	1,509,400
SKIATOOK PUBLIC WORKS AUTHORITY	1977	2042	18,070	62,943	1,502,613
LINDSAY PUBLIC WORKS AUTHORITY	2000	2025	8,170	29,426	1,389,800
PAWNEE PUBLIC WORKS AUTHORITY	1953	2042	6,059	21,369	1,080,817
CHICKASAW TRIBAL UTILITIES AUTHORITY	1992	2017	2,843	12,654	615,603
<b>TOTAL MUNICIPAL CONTRACTS</b>				<b>2,926,712</b>	<b>\$130,918,939</b>
<b><u>REPLACEMENT ENERGY:</u></b>					
STILLWATER UTILITIES AUTHORITY				<b>74,268</b>	<b>2,628,387</b>
<b>TOTAL REPLACEMENT ENERGY</b>				<b>74,268</b>	<b>\$2,628,387</b>
<b>TOTAL MUNICIPALITIES</b>				<b>3,000,980</b>	<b>\$133,547,326</b>

(1) AFTER APPLICATION OF POWER COST ADJUSTMENT.

(2) CUSTOMER FROM 1946 THROUGH 1993 AND FROM 2003 TO PRESENT.

**TEN LARGEST INDUSTRIAL CUSTOMERS  
PEAK DEMAND, SALES, AND REVENUES  
FOR THE YEAR ENDED DECEMBER 31, 2009**

<b>CUSTOMER</b>	<b>PRODUCT</b>	<b>CUSTOMER SINCE</b>	<b>PEAK KW DEMAND</b>	<b>SALES (1000 KWH)</b>	<b>AUTHORITY REVENUES <sup>(1)</sup></b>
Solae, LLC	Food Supplements	1975	17,527	123,706	\$5,647,014
Air Products Manufacturing Corporation	Industrial Gases	1976	19,561	120,172	5,394,461
Orchids Paper Products Company	Paper Products	1975	9,605	71,986	3,382,350
National Gypsum Company	Building Products	1950	8,444	50,083	2,503,731
Google	Internet Search Engine	2007	3,951	6,164	2,238,899
American Castings, LLC	Iron Castings	2003	14,677	39,720	2,130,953
Pryor Plant Chemical Company	Chemical Products	2004	27,546	25,238	1,943,023
Armin Plastics-Central Region	Plastic Bags	1990	6,521	40,669	1,831,070
Wal-Mart Stores East, LP	Distribution Center	2005	4,614	26,799	1,219,415
Oklahoma Ordnance Works Authority	Industrial Park Owner	1946	3,332	15,686	848,596
All Others				96,320	5,530,335
<b>TOTAL INDUSTRIAL</b>				<b>616,543</b>	<b>\$32,669,848</b>

(1) AFTER APPLICATION OF POWER COST ADJUSTMENT.

**OFF SYSTEM SALES - FIRM  
PEAK DEMAND, SALES AND REVENUES  
FOR THE YEAR ENDED DECEMBER 31, 2009**

<b>CUSTOMER</b>	<b>CUSTOMER SINCE</b>	<b>CONTRACT EXPIRES</b>	<b>PEAK KW DEMAND</b>	<b>SALES (1000 KWH)</b>	<b>AUTHORITY REVENUES <sup>(1)</sup></b>
Paragould, Arkansas, Light and Water Commission	1992	2038	70,000	543,037	\$21,550,107
Kansas Municipal Energy Agency <sup>(2)</sup>	2000	2026	67,000	534,061	21,034,674
City of Poplar Bluff, Missouri	1992	2039	40,000	324,359	12,913,706
City Utilities, Springfield, Missouri <sup>(3)</sup>	1992	2010	60,000	135,284	5,801,464
Carthage Water & Electric Plant	2009	2010	5,000	<u>23,929</u>	<u>969,788</u>
Subtotal				1,560,670	\$62,269,738
Oklahoma Municipal Power Agency	2007	2040	25,000	<u>169,370</u>	<u>\$7,273,580</u>
Subtotal				169,370	\$7,273,580
<b>Total Off System Sales - Firm</b>				<b><u>1,730,040</u></b>	<b><u>\$69,543,318</u></b>

(1) AFTER APPLICATION OF POWER COST ADJUSTMENT.

(2) CONTRACT DEMAND WILL INCREASE IN 2009

(3) CONTRACT DEMAND FROM ZERO - 60 MW.

**OFF SYSTEM SALES - SPOT**  
**FOR THE YEAR ENDED DECEMBER 31, 2009**

CUSTOMER	2009	2008	2007	2006	2005
SOUTHWEST POWER POOL	\$12,825,552	\$9,128,435	\$2,931,273		
ASSOCIATED ELECTRIC COOP., INC.	12,782,473	14,929,552	10,313,464	\$244,495	\$2,191,646
WESTERN FARMERS ELECTRIC COOP.	11,077,199	15,266,383	8,368,073	1,592,351	3,633,855
CARGILL-ALLIANT	3,297,728	1,183,924	938,934	3,660	297,964
KANSAS CITY POWER & LIGHT	2,288,078	3,689,148	660,971	26,335	1,248,797
WESTERN RESOURCES	1,521,600	1,351,976	541,636	661,265	2,923,657
EMPIRE DISTRICT ELECTRIC COOP.	1,451,133	1,864,426	1,399,776	738,516	1,571,749
ENDURE ENERGY	1,268,093	381,438			
SOUTHWESTERN POWER ADM.	1,254,260	124	124	403	155
THE ENERGY AUTHORITY	1,121,510	2,290,325	984,213		115,335
AMERICAN ELECTRIC POWER (SWEPCO)	741,367	1,266,383	1,687,658	183,253	708,974
RAINBOW ENERGY	321,977	649,471	1,464,249	159,942	1,268,746
TENASKA POWER SERVICES	230,772	371,390	327,392	396,041	849,978
SUNFLOWER ELECTRIC POWER	157,718	44,462	5,150	31,368	32,406
OKLAHOMA GAS & ELECTRIC	86,677	13,391	11,693	9,785	3,438
SOUTHWESTERN PUBLIC SERVICE	6,100	3,717	9,300	3,400	4,470
CLECO CORPORATION	5,403	5,072	2,905	1,677	3,175
OMAHA PUBLIC	4,700		96,800		40,000
MISSOURI PUBLIC SER/UTILICORP	3,597	600	1,825	3,483	1,160
CONSTELLATION POWER SOURCE	2,900	3,126	5,800	3,582	25,708
ENTERGY	2,400	3,848	7,850	2,000	2,400
BOARD OF PUBLIC UTILITIES KANSAS CITY	2,100	5,504	2,750	2,302	656
LAFAYETTE UTILITY SYSTEM	2,100	602	825	4,600	150
NEBRASKA PUBLIC POWER DISTRICT	1,400				
SOUTH MISSISSIPPI	1,200	2,200	2,300	450	
LOUISIANA ENERGY	900	1,900	150	256	
CITY OF INDEPENDENCE LIGHT & POWER	600	1,100	475	1,057	679
LINCOLN ELECTRIC	600				
LOUISIANA GENERATING	400	1,500	7,450	3,600	4,847
KANSAS MUNICIPAL ENERGY AGENCY	274	170			
BASIN ELECTRIC	100				
AQUILLA POWER		21,320	271,498	61,590	1,869,094
AMEREN		3,600			
OKLAHOMA MUNICIPAL POWER AUTHORITY		648		146	
WEST PLAINS				500	300
BRASCAN ENERGY					575,000
CENERGY					3,000
LOUIS DREYFUS ELECTRIC POWER, INC.					110
<b>TOTAL OFF SYSTEMS SALES - SPOT</b>	<b>\$50,460,911</b>	<b>\$52,485,735</b>	<b>\$30,044,533</b>	<b>\$4,136,057</b>	<b>\$17,377,449</b>

## EQUIVALENT AVAILABILITY PERCENTAGES

<u>Year</u>	<u>GRDA 1</u> <sup>(1)</sup>	<u>GRDA 2</u> <sup>(1)</sup>	<u>NERC</u> <sup>(2)</sup>
2000	87.8%	75.3% <sup>(3)</sup>	84.3%
2001	87.0%	83.2%	82.4%
2002	83.6%	85.2%	82.8%
2003	91.9%	86.6%	83.6%
2004	75.9% <sup>(3)</sup>	86.5%	84.9%
2005	87.9%	79.3%	83.4%
2006	87.4%	70.7% <sup>(3)</sup>	84.5%
2007	92.4%	86.8%	82.5%
2008	90.0%	88.7%	84.0%
2009	90.2%	90.3%	NA

(1) Percentages provided by GRDA Coal Fired Complex Management.

(2) Percentages from NERC Website for Coal Primary Units with  
400-599MW Nameplate at <http://www.nerc.com> as of 05/10/2010

(3) Reflects scheduled major maintenance overhauls lasting nine weeks.

## HISTORICAL ENERGY REQUIREMENTS AND RESOURCES (MWH)

Year	Total Sales	Sales plus Losses <sup>(1)</sup>	Resources					Municipal SPA Allocations <sup>(3)</sup>	Total
			Run-of-River Hydro Generation	Pumped-Storage Hydro Generation	Combined Cycle Gas Generation	Steam Generation	Purchased Power <sup>(2)</sup>		
2000	5,689,928	6,337,683	404,508	239,824	0	5,323,619	342,445	27,287	6,337,683
2001	5,615,418	6,096,992	494,221	227,263	0	5,209,614	142,570	23,324	6,096,992
2002	5,576,181	6,134,436	417,758	279,642	0	5,178,284	229,391	29,361	6,134,436
2003	6,005,273	6,700,865	362,757	376,792	0	5,734,196	203,072	24,048	6,700,865
2004	6,165,018	6,972,052	844,100	443,913	0	5,099,124	547,293	37,622	6,972,052
2005	6,701,330	7,187,973	687,192	276,189	0	5,361,969	828,723	33,900	7,187,973
2006	6,098,027	6,551,712	140,975	199,626	0	5,029,856	1,163,942	17,313	6,551,712
2007	6,674,739	7,269,204	808,193	267,255	0	5,630,573	527,821	35,362	7,269,204
2008	7,047,353	7,666,513	1,140,029	279,154	239,073	5,612,618	343,244	52,395	7,666,513
2009	7,728,133	8,228,549	1,069,449	170,326	1,322,444	5,493,609	128,920	43,801	8,228,549

(1) Sales plus losses, pumping and interdepartmental use.

(2) Includes replacement energy plus net energy from banking arrangements.

(3) GRDA is scheduling agent for Skiatook and Coffeyville allocation of SPA (Southwestern Power Administration) hydro power.

## HISTORICAL CONTRACT DEMAND AND RESOURCES (MW)

Year	Delivered	Undelivered	Total	Contract			Resources			Municipal	Total
	Contract Peak	Contract Peak	Contract Peak	Peak Demand plus Reserves <sup>(3)</sup>	Hydro Generation <sup>(4)</sup>	Steam Generation <sup>(5)</sup>	Combined Cycle Gas Generation <sup>(6)</sup>	Purchased Power <sup>(7)</sup>	SPA Allocations <sup>(8)</sup>		
2000	1,098	0	1,098	1,250	482	812	0	25	13	1,332	
2001	1,072	0	1,072	1,225	486	812	0	90	13	1,401	
2002	1,024	0	1,024	1,177	490	812	0	90	13	1,405	
2003	1,009	79	1,088	1,122	494	812	0	90	13	1,409	
2004	1,107	0	1,107	1,141	494	812	0	0	13	1,319	
2005	1,210	0	1,210	1,243	494	812	0	0	13	1,319	
2006	1,085	0	1,085	1,117	494	812	0	0	13	1,319	
2007	1,115	0	1,115	1,147	494	812	0	206	13	1,525	
2008	1,130	0	1,130	1,162	500	812	0	228	13	1,553	
2009	1,116	0	1,116	1,147	503	812	443	78	13	1,849	

(1) Excludes the portion of KAMO's demand supplied from KAMO's 38% ownership interest in GRDA Unit 2, which was placed in commercial operation April 1, 1986 and power purchased from other sources effective July 1, 1998.

(2) Schedules interrupted by the Southwest Power Pool (SPP) for line loading relief.

(3) Beginning in 2000, planning reserves are 12% of total capacity. Currently SPP calculates reserves based on 100% of the capability of the largest and 50% of the second largest SPP units times the ratio of generating capability of participating SPP members.

(4) Includes Pensacola, Markham Ferry and Salina Pumped Storage capability. The Salina Pumped Storage capacity in the amount of 260 MW is limited up to 25% daily plant factor operation and therefore suitable for peaking operations only. During 1999 two units at Pensacola were upgraded from 16 MW to 20 MW with the four remaining units being upgraded in 2000, 2001, 2002, and 2003. In 2008, the ratings for Pensacola were recalculated from 20 MW to 21 MW. During 2009 one unit at Markham Ferry was upgraded from 28.5 MW to 31.5 MW.

(5) Includes the Authority's 62% ownership interest in GRDA Unit 2, which was placed in commercial operation April 1, 1986.

(6) Includes the Authority's 36% ownership interest in the Redbud combined-cycle natural gas fired plant near Luther, Oklahoma purchased October 1, 2008.

(7) Includes 56.2 MW capacity contract with City of Coffeyville, KS beginning August 1, 2007, and 21.45 capacity contract with Cushing Municipal Authority beginning October 1, 2007.

(8) GRDA is scheduling agent for Skiatook and Coffeyville allocation of SPA (Southwestern Power Administration) hydro power.

## HISTORICAL SALES BY CUSTOMER GROUP (MWH)

Year	Cooperative	Municipal	Industrial	Other <sup>(1)</sup>	Total		Off System Spot	Total Sales
					Off System Firm	Contract Sales		
2000	954,320	2,218,679	675,897	161,490	1,275,929	5,286,314	403,614	5,689,928
2001	657,999	2,434,449	600,223	168,304	1,426,534	5,287,510	327,908	5,615,418
2002	510,416	2,522,446	520,369	169,838	1,440,934	5,164,003	412,178	5,576,181
2003	484,946	2,747,333	531,136	171,755	1,593,488	5,528,658	476,615	6,005,273
2004	443,742	2,850,359	593,349	170,278	1,622,823	5,680,551	484,467	6,165,018
2005	555,078	3,140,142	638,268	155,001	1,866,390	6,354,879	346,451	6,701,330
2006	583,181	2,990,548	650,148	141,144	1,642,752	6,007,773	90,254	6,098,027
2007	587,543	3,068,267	668,840	176,206	1,625,919	6,126,775	547,964	6,674,739
2008	605,556	6,047,991	686,806	181,709	1,660,683	6,182,745	864,608	7,047,353
2009	607,723	3,000,980	616,543	160,818	1,730,040	6,116,104	1,612,029	7,728,133

(1) GRDA Unit 2 Output Power Sales to Oklahoma Municipal Power Authority.