

Grand River Dam Authority

Continuing Disclosure

For Twelve Months Ending December 31, 2015

June 30, 2016

Historical Operating Results¹

Debt Service Coverage

(Unaudited)

	2015	2014	2013	2012	2011
Operating Revenues:					
Municipal Power Sales	\$156,666,084	\$162,263,174	\$146,804,949	\$136,332,107	\$137,037,456
Electric Cooperative Power Sales	34,396,282	36,156,719	33,031,264	30,330,804	32,580,573
Industrial Power Sales	72,750,758	64,423,504	50,134,177	46,718,110	43,491,913
Off System Power Sales - Firm	138,227,708	141,896,445	125,960,365	98,925,927	83,913,519
Off System Power Sales - Spot	9,796,229	2,749,850	5,507,682	3,945,527	23,834,727
Other Power Sales	3,001,297	4,595,212	3,782,822	5,148,525	5,520,282
Collection of Power Cost Adjustment	29,575,980	50,167,078	52,300,885	77,855,180	55,253,037
Gross Power Sales	\$444,414,338	\$462,251,982	\$417,522,144	\$399,256,180	\$381,631,507
(Over)/Under Recovered Fuel Cost	(42,844,350)	1,694,077	(930,497)	2,193,112	7,202,571
Other Operating Revenues	12,485,554	11,213,267	13,835,208	9,573,441	5,652,493
Total Operating Revenues	\$414,055,542	\$475,159,326	\$430,426,855	\$411,022,733	\$394,486,571
Operating Expenses:					
Fuel-Coal	\$79,481,496	\$98,999,035	\$114,493,186	\$102,204,705	\$104,760,816
Fuel-Gas	64,322,618	72,948,083	56,131,007	49,208,936	55,461,351
Purchased Power	44,525,854	80,171,737	32,091,910	29,831,445	14,585,117
Electric Production (excluding fuel)					
Grand River Energy Center					
GRDA 1	10,969,136	10,852,066	11,286,305	9,410,565	9,602,414
GRDA 2 ²	13,951,800	15,266,538	13,562,331	15,401,528	9,722,364
Redbud Plant ³	5,459,108	10,622,173	6,347,489	5,198,883	5,688,311
Pensacola Hydro	5,043,530	4,215,985	4,280,732	2,617,604	2,574,279
Markham Ferry Hydro	3,228,177	3,228,603	3,655,258	2,937,972	1,983,510
Salina Pumped Storage	2,293,119	1,389,162	1,446,098	1,129,542	1,524,650
GRDA Police ⁴	-	2,018,368	2,254,759	1,400,245	1,335,068
Transmission	24,751,487	22,156,462	21,269,859	17,065,903	15,700,022
Transmission of Electric by Others	14,459,003	12,876,319	11,703,903	8,251,227	5,636,236
Administrative & General ⁵	13,201,268	15,530,402	16,361,145	27,120,506	25,040,649
Water Production	754,286	469,641	310,558	408,863	865,590
Total Operating Expenses	\$282,440,882	\$350,744,574	\$295,194,540	\$272,187,924	\$254,480,377
Net Operating Revenues	\$131,614,660	\$124,414,752	\$135,232,315	\$138,834,809	\$140,006,194
Other Income ⁶	8,656,223	20,570,370	6,835,884	12,778,212	11,907,475
Net Revenues Available for Debt Service	\$140,270,883	\$144,985,122	\$142,068,199	\$151,613,021	\$151,913,669
Other Available Funds ⁷	-	13,703,911	7,539,167	4,000,000	-
Total Funds Available for Debt Service	\$140,270,883	\$158,689,033	\$149,607,366	\$155,613,021	\$151,913,669
Debt Service	75,501,064	77,599,134	110,116,054	130,747,187	127,496,786
Available for Capital Improvements or Other Authorized Purposes	\$64,769,819	\$81,089,899	\$39,491,312	\$24,865,834	\$24,416,883
Debt Service Coverage (Total Avail. Funds)⁸	1.86	2.04	1.36	1.19	1.19

Continuing Disclosure Requirements (i): Historical Operating Results

¹ Excludes interdepartmental sales and expenses. Also excludes depreciation, which is not included in Operating Expenses, as defined in the Resolution (General Bond Resolution 5107), and does not require a cash outlay.

² Reflects the Authority's 62% undivided ownership of GRDA 2.

³ Reflects the Authority's 36% undivided ownership of Redbud combined-cycle natural gas fired plant near Luther, Oklahoma.

⁴ In 2015, GRDA began allocating GRDA Police to other operating expenses for each business unit.

⁵ In 2013, GRDA began allocating employee benefits and non-productive pay such as annual, holiday and sick leave along with direct pay to other operating expenses in order to better prepare for the SPP Integrated Markets which went live March 1, 2014.

⁶ Consists primarily of interest income. 2014 includes Contribution in Aid of Construction of \$12.7 million. Excludes change in fair value on instruments, interest income restricted for special purposes and capitalized construction interest.

⁷ Other Available Funds consisted of excess funds from the Debt Service Reserve Fund that were used for Debt Service Payments.

⁸ Total Funds Available for Debt Service divided by Debt Service.

Selected Cash and Investment Fund Balances
(Unaudited)

	2015	2014	2013	2012	2011
Unrestricted					
Revenue Fund and General Reserve Fund	\$173,842,198	\$158,052,673	\$85,793,846	\$65,680,834	\$105,062,893
Board Designated					
In the General Reserve Fund:					
Supplemental Reserve for Environmental Costs	22,500,000	22,500,000	22,500,000	22,500,000	20,000,000
Supplemental Reserve for Unforeseen Risks	15,766,000	11,133,000	14,000,000	15,000,000	15,000,000
Other Special Purposes					
Pensacola Fish & Wildlife Mitigation Fund ¹	2,451,663	1,044,351	915,224	735,886	611,055
The Nature Conservancy Fund ²	27,000	27,000	27,000	14,089	26,123
Certificate of Deposit for SPP Line of Credit ³	-	4,250,000	1,000,000	-	-
Restricted					
Debt Service Reserve Account ⁴	89,208,703	88,451,195	133,476,142	141,810,137	143,429,267
Construction Account	328,410,668	518,754,428	202,530,697	232,617,067	257,891,432
Debt Service Account	18,238,867	17,705,259	33,526,718	56,886,806	61,324,015
Total Cash and Investments	\$650,445,099	\$821,917,906	\$493,769,627	\$535,244,819	\$603,344,785

Continuing Disclosure Requirements (ii): Selected Fund Balances

¹ Required by Pensacola Dam operating license. In December 2015, the Authority funded the balance of \$1.45 million which represented the estimated annual contributions through the year 2022.

² Required by Pensacola Dam operating license to be funded up to a balance of \$27,000 on January 1 of each year to provide assistance to the Nature Conservancy for certain endangered species.

³ Required by Southwest Power Pool (SPP) to participate in the Integrated Market. Changed to an unsecured Line of Credit in 2015.

⁴ Deposits and interest receivable to this account, not legally restricted, has been reclassified as unrestricted.

Operating Revenues
For Twelve Months Ending December 31, 2015
(Unaudited)

	SALES (1000 KWH)	BASE REVENUES (BEFORE PCA)	TOTAL REVENUES (AFTER PCA)
Municipal Power Sales	3,156,468	\$156,666,084	\$168,191,571
Industrial Power Sales	1,467,245	72,750,758	77,781,360
Electric Cooperative Power Sales	620,160	34,396,282	36,719,327
Sub-Total Load Following Contract Power Sales	5,243,873	\$263,813,124	\$282,692,258
Off System Power Sales - Firm	2,985,668	138,227,708	148,924,554
(Over)/Under Recovered Fuel Cost	-	-	(42,844,350)
Other Power Sales ⁵	12,497	3,001,297	3,001,297
Total Contract Power Sales	8,242,038	\$405,042,129	\$391,773,759
Off System Power Sales - Spot	343,271	9,796,229	9,796,229
Total Power Sales	8,585,309	\$414,838,358	\$401,569,988
Other Operating Revenues	-	-	12,485,554
Total Operating Revenues⁶	8,585,309	\$414,838,358	\$414,055,542

Continuing Disclosure Requirements (iii): Sales of Electric Power and Energy and Operating Revenues

⁵ Includes sales to Oklahoma Municipal Power Authority (OMPA). OMPA's portion includes its share of Authority debt service relating to GRDA 2 and common facilities, fuel costs, fixed and variable operating expenses, administrative and general expenses and capital improvements.

⁶ Does not reflect Interdepartmental Power Sales.

Electric Cooperatives Revenues
For Twelve Months Ending December 31, 2015
(Unaudited)

CUSTOMER	CUSTOMER SINCE	CONTRACT EXPIRES	% REVENUES	AUTHORITY REVENUES
Northeastern Electric Cooperative, Inc.	1946	2017	9%	\$36,719,327
Total Electric Cooperative Power Sales			9%	\$36,719,327

Continuing Disclosure Requirements (iv): Revenues from Electric Cooperatives

Municipal Revenues
For Twelve Months Ending December 31, 2015
(Unaudited)

CUSTOMER	CUSTOMER SINCE	CONTRACT EXPIRES	% REVENUES	AUTHORITY REVENUES
City of Coffeyville, Kansas	1999	2042	10%	\$38,518,265
Stillwater Utilities Authority	1987	2042	7	27,562,828
Claremore Public Works Authority	1946	2042	4	15,841,542
City of Siloam Springs, Arkansas	1989	2042	4	14,321,641
Tahlequah Public Works Authority	1947	2042	3	11,107,427
Miami Public Utilities Board	1947	2042	3	10,520,470
Byng Public Works Authority	1990	2017	2	8,723,568
Cushing Municipal Authority	1953	2042	2	6,842,977
Sallisaw Municipal Authority	1952	2042	2	6,696,668
City of Pryor Creek Municipal Utility Board	1951	2042	1	5,841,930
Wagoner Public Works Authority	1947	2042	1	4,693,472
Stilwell Area Development Authority	1950	2042	1	4,359,720
Collinsville Municipal Authority ¹	2003	2042	1	2,828,789
Skiatook Public Works Authority	1977	2042	1	2,378,370
Mannford Public Works Authority	2003	2042	1	2,207,574
Stroud Utilities Authority	1986	2042	-	2,007,089
Lindsay Public Works Authority	2000	2025	-	1,657,445
Pawnee Public Works Authority	1953	2042	-	1,278,924
Chickasaw Tribal Utilities Authority	1992	2017	-	802,872
Total Municipal Power Sales			43%	\$168,191,571

Continuing Disclosure Requirements (iv): Revenues from Municipalities

¹ Customer from 1946 to 1993 and from 2003 to the present.

Industrial Revenues
For Twelve Months Ending December 31, 2015
(Unaudited)

CUSTOMER	PRODUCT	CUSTOMER SINCE	CONTRACT EXPIRES	% REVENUES	AUTHORITY REVENUES
Google	Internet Search Engine	2007	2014	8%	\$30,598,805
Pryor Chemical Company	Chemical Products	2004	2017	3	11,171,612
Solae, LLC	Food Supplements	1975	2016	2	6,906,768
Air Products Manufacturing Corporation	Industrial Gases	1976	2020	2	6,083,176
Orchids Paper Products Company	Paper Products	1975	2017	1	4,128,268
American Castings, LLC	Iron Castings	2003	2017	1	3,534,071
National Gypsum Company	Building Products	1950	2019	1	3,012,510
Berry Plastics-Central Region	Plastic Bags	1990	2018	1	2,837,928
Wal-Mart	Distribution Center	2005	2014	-	1,348,125
Chevron Phillips Chemical Company, LP	Chemical	1997	2020	-	904,267
All Other Industrial (24)				2	6,796,408
All Other Commercial (47)				-	459,422
Total Industrial Power Sales				21%	\$77,781,360

Continuing Disclosure Requirements (iv): Revenues from Ten Largest Industrial Customers

Off System Revenues - Firm
For Twelve Months Ending December 31, 2015
(Unaudited)

CUSTOMER	CUSTOMER SINCE	CONTRACT EXPIRES	% REVENUES	AUTHORITY REVENUES
Western Farmers Electric Cooperative ¹	2010	2025	16%	\$65,164,626
Kansas Municipal Energy Agency	2000	2026	7	28,843,941
Paragould, Arkansas, Light and Water Commission	1992	2038	6	25,859,482
City of Poplar Bluff, Missouri	1992	2039	4	14,985,683
Oklahoma Municipal Power Agency ²	2007	2040	4	14,070,822
Total Off System Power Sales - Firm			37%	\$148,924,554

Continuing Disclosure Requirements (v): Off System Sales-Firm

¹ The Authority and WFEC entered an interchange agreement for emergency and replacement energy exchanges in 1983. Off-System Firm Sales began in 2010.

² Sales began in 1985 with a unit contingent output agreement from GRDA 2. Off-System Firm Sales began in 2007.

Other Power Sales: Unit Output Agreement
For Twelve Months Ending December 31, 2015
(Unaudited)

CUSTOMER	CUSTOMER SINCE	CONTRACT EXPIRES	% REVENUES	AUTHORITY REVENUES
Oklahoma Municipal Power Agency ³	1985	2036	1%	\$3,001,297
Total Other Power Sales			1%	\$3,001,297

³ These sales include its share of Authority debt service relating to GRDA 2 and common facilities, fuel costs, fixed and variable operating expenses, administrative and general expenses and capital improvements.

Off System Revenues - Spot (Unaudited)

CUSTOMER	REVENUES				
	2015	2014	2013	2012	2011
Southwest Power Pool	\$9,796,229	\$2,417,239	\$3,762,625	\$3,406,876	\$10,852,364
Associated Electric Cooperative Inc.	-	6,550	512,085	378,967	6,190,566
Western Farmers Electric Cooperative	-	-	47,410	14,040	2,192,038
All Others	-	326,061	1,185,562	145,644	4,599,759
Total Off System Power Sales - Spot	\$9,796,229	\$2,749,850	\$5,507,682	\$3,945,527	\$23,834,727

Continuing Disclosure Requirements (vi): Off System Sales-Spot

Purchased Power (Unaudited)

	2015	2014	2013	2012	2011
Southwest Power Pool	\$31,263,927	\$67,347,918	\$12,726,077	\$12,934,954	\$5,046,444
Canadian Hills	4,271,405	4,840,844	4,379,499	381,535	-
Breckinridge Wind	3,126,514	-	-	-	-
City of Coffeyville, Kansas	571,634	598,222	623,158	1,928,698	106,442
Kay Wind	491,528	-	-	-	-
Stillwater Utilities Authority	53,230	64,070	-	-	-
Cushing Municipal Authority	8,550	21,914	92,815	55,518	19,189
All Others	-	2,728,607	10,314,444	10,962,978	5,737,843
Total Purchased Energy	\$39,786,788	\$75,601,576	\$28,135,993	\$26,263,683	\$10,909,920
City of Coffeyville, Kansas	\$2,673,174	\$2,410,089	\$2,532,595	\$2,549,151	\$2,571,762
Cushing Municipal Authority	1,107,267	993,579	1,021,698	1,018,611	1,103,437
Stillwater Utilities Authority	958,625	1,166,493	401,625	-	-
Total Purchased Capacity	\$4,739,066	\$4,570,161	\$3,955,918	\$3,567,762	\$3,675,199
Total Purchased Power	\$44,525,854	\$80,171,738	\$32,091,911	\$29,831,445	\$14,585,118

Supplementary Schedule not a Continuing Disclosure Requirement

Other Operating Revenues (Unaudited)

SOURCE	REVENUES				
	2015	2014	2013	2012	2011
Base Plan Funded Transmission Revenues	\$8,749,560	\$7,694,908	\$9,240,060	\$6,175,039	\$1,361,163
Other Transmission and Ancillary Services	2,395,693	1,462,103	2,117,043	1,733,246	2,894,808
Renewable Energy Certificates	593,516	697,344	678,840	24,844	-
Other Operating Revenues	746,785	1,358,912	1,799,265	1,640,312	1,396,521
Total Other Operating Revenues	\$12,485,554	\$11,213,267	\$13,835,208	\$9,573,441	\$5,652,492

Supplementary Schedule not a Continuing Disclosure Requirement

**Equivalent Availability Percentages
Coal Fired Plants
(Unaudited)**

Year	GRDA 1 ¹	GRDA 2 ¹	NERC ²
2006	87.4%	70.7% ³	84.5%
2007	92.4%	86.8%	82.5%
2008	90.0%	88.7%	84.0%
2009	90.2%	90.3%	81.1%
2010	78.4% ³	85.0%	81.3%
2011	91.2%	86.1%	81.8%
2012	88.2%	66.1% ³	82.2%
2013	76.5%	84.5%	83.3%
2014	79.0%	78.6%	81.4%
2015	88.8%	64.4% ³	NA ⁴

Continuing Disclosure Requirements (vii): GRDA 1 and GRDA 2 Equivalent Availability Percentages

¹ Percentages provided by GRDA Grand River Energy Center management.

² Percentages from NERC Website for Coal Primary Units with 400-599MW Nameplate.

³ Reflects scheduled major maintenance overhauls.

⁴ Not Available.

**Equivalent Availability Percentages
Redbud Generating Facility
(Unaudited)**

Year	Redbud 1 ⁵	Redbud 2 ⁵	Redbud 3 ⁵	Redbud 4 ⁵	NERC ⁶
2010	65.3%	86.3%	82.0%	83.2%	85.8%
2011	89.9%	90.8%	86.6%	90.0%	86.6%
2012	91.6%	90.9%	94.7%	73.2%	85.7%
2013	96.5%	69.9%	75.5%	97.0%	85.5%
2014	67.3%	94.1%	91.3%	74.2%	83.3%
2015	81.5%	86.8%	89.3%	91.6%	NA ⁷

⁵ Percentages provided by Oklahoma Gas and Electric Company (Redbud Operator/Majority Owner).

⁶ Percentages from NERC Website for Combined Cycle Units All Sizes.

⁷ Not Available.

Historical Energy Resources (MWH) (Unaudited)

Year	Run-of-River Hydro Generation	Pumped-Storage Hydro Generation	Combined- Cycle Gas Generation	Coal-Fired Thermal Generation	Long-Term Wind Purchase	Other Purchased Power ¹	Municipals' SPA Allocation ²	Total Resources
2006	140,975	199,626	-	5,029,856	-	1,163,942	17,313	6,551,712
2007	808,193	267,255	-	5,630,573	-	527,821	35,362	7,269,204
2008	1,140,029	279,154	239,073	5,612,618	-	343,244	52,395	7,666,513
2009	1,069,449	170,326	1,322,444	5,493,609	-	128,920	43,801	8,228,549
2010	804,231	233,436	1,915,495	4,991,403	-	280,878	38,952	8,264,395
2011	492,200	228,570	1,782,658	5,508,842	-	410,568	31,001	8,453,839
2012	284,048	150,566	2,362,192	4,222,926	18,329	982,857	25,707	8,046,625
2013	711,789	104,040	1,968,570	4,526,724	169,710	858,973	29,991	8,369,797
2014	325,372	129,333	2,137,660	3,595,061	174,336	2,478,267	23,914	8,863,943
2015	873,816	67,972	2,837,754	3,120,808	329,699	1,624,113	39,885	8,894,047

Continuing Disclosure Requirements (ix): Historical Energy Requirements and Resources

¹ Includes replacement energy plus net energy from banking arrangements.

² GRDA is scheduling agent for Skiatook and Coffeyville allocation of SPA (Southwestern Power Administration) hydro power.

HISTORICAL SALES BY CUSTOMER GROUP (MWH) (Unaudited)

Year	Cooperative	Municipal	Industrial	Off System Firm	Other ³	Contract Power Sales	Off System Spot	Total Power Sales	Pumping	Other ⁴	Total Requirements
2006	583,181	2,990,548	650,148	1,642,752	141,144	6,007,773	90,254	6,098,027	323,680	130,005	6,551,712
2007	587,543	3,068,267	668,840	1,625,919	176,206	6,126,775	547,964	6,674,739	432,959	161,506	7,269,204
2008	605,556	3,047,991	686,806	1,660,683	181,709	6,182,745	864,608	7,047,353	446,752	172,408	7,666,513
2009	607,723	3,000,980	616,543	1,730,040	160,818	6,116,104	1,612,029	7,728,133	287,157	213,259	8,228,549
2010	661,648	3,132,069	770,321	1,965,468	159,263	6,688,769	993,433	7,682,202	386,354	195,839	8,264,395
2011	648,510	3,215,429	939,237	2,255,335	135,576	7,194,087	699,525	7,893,612	381,765	178,462	8,453,839
2012	602,781	3,184,093	1,056,978	2,552,525	36,401	7,432,778	170,759	7,603,537	267,276	175,812	8,046,625
2013	630,015	3,193,662	1,022,471	2,943,886	49,597	7,839,631	180,004	8,019,635	198,553	151,609	8,369,797
2014	640,025	3,266,293	1,287,651	3,074,595	96,537	8,365,101	79,648	8,444,749	235,935	183,259	8,863,943
2015	620,160	3,156,468	1,467,245	2,985,668	12,497	8,242,038	343,271	8,585,309	142,563	166,175	8,894,047

Continuing Disclosure Requirements (viii): Historical Sales by Customer Group (MWh)

Continuing Disclosure Requirements (ix): Historical Energy Requirements and Resources

³ GRDA 2 Output Power Sales to Oklahoma Municipal Power Authority.

⁴ GRDA internal use and losses.

HISTORICAL DEMAND REQUIREMENTS AND RESOURCES (MW)

(Unaudited)

Year	Contract Demand Requirements			Rated Capability of Resources							
	Contract Peak Demand	Required Capacity Margin ¹	Contract Demand plus Required Margin	Run-of-River Hydro Generation ²	Pumped-Storage Hydro Generation ³	Combined-Cycle Gas Generation ⁴	Coal-Fired Thermal Generation ⁵	Purchased Power ⁶	Wind Capacity ⁷	Municipals' SPA Allocation ⁸	Total Resources
2006	1,085	130	1,215	234	260	-	812	-	-	13	1,319
2007	1,115	134	1,249	234	260	-	812	206	-	13	1,525
2008	1,130	136	1,266	240	260	-	812	228	-	13	1,553
2009	1,116	134	1,250	243	260	431	812	78	-	13	1,837
2010	1,218	146	1,364	213	260	416	812	78	-	13	1,792
2011	1,322	159	1,481	213	260	416	812	78	-	13	1,792
2012	1,449	197	1,646	213	260	416	812	78	1	13	1,793
2013	1,387	189	1,576	254	260	416	812	111	1	13	1,867
2014	1,420	193	1,614	254	260	439	812	111	1	13	1,890
2015	1,406	191	1,597	254	260	439	812	111	12	13	1,901

Continuing Disclosure Requirements (x): Historical Contract Peak Demand and Resources (MW)

¹ Minimum Required Capacity Margin is 13.6% of contract peak demand or 12% of system capacity per SPP Criteria 2.1.9.

² The total of Pensacola and Markham Ferry capability and reflects increased capability as provided by unit upgrades.

³ The Salina Pumped Storage capacity in the amount of 260 MW is limited to 25% daily plant factor operation and therefore suitable for peaking operations only.

⁴ Includes the Authority's 36% ownership interest in the 1,230 MW Redbud combined-cycle natural gas fired plant near Luther, Oklahoma purchased October 1, 2008. Actual capacity (442.8, 36 % of 1230) is dependent on weather temperature and is reported as 457 Winter (Jan-May and Oct-Dec) and 430 Summer (Jun-Sep) on FERC 714.

⁵ Includes the Authority's 62% ownership interest in 520 MW GRDA 2, which was placed in commercial operation April 1, 1986.

⁶ Includes 56.2 MW capacity contract with City of Coffeyville, KS beginning August 1, 2007, 21.45 MW capacity contract with Cushing Municipal Authority beginning October 1, 2007, and 32.5 MW capacity contract with Stillwater Utilities Authority September 1, 2013.

⁷ Includes 4.905 MW capacity of the 98.1 MW from Breckinridge beginning September 2015 and 4.945 of 98.9 MW from Kay beginning December 2015. Includes 1.368 MW of the initial 3% nameplate capacity of Canadian Hills beginning December 2012 then in January 2015 this was increased to 2.4 MW capacity of the 48 MW from Canadian Hills.

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