

**VIA ELECTRONIC FILING – INFORMATIONAL FILING ONLY**

June 21, 2016

Ms. Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission  
Room 1A  
888 First Street, NE  
Washington, DC 20426

**Re: Golden Spread Electric Cooperative, Inc.  
Annual Update of Formula Rates – Informational Filing  
Docket No. ER11-4304-000 and -001**

Dear Secretary Bose:

Pursuant to the Federal Energy Regulatory Commission's April 24, 2012 order in the above captioned proceeding, *Golden Spread Electric Cooperative, Inc.*, 139 FERC ¶ 61,067 (2012), wherein the Commission conditionally accepted its Open Access Transmission Tariff for filing, Golden Spread Electric Cooperative, Inc. hereby submits its annual update for charges pursuant to its formula rate for the period July 1, 2016 through June 30, 2017.

Please do not hesitate to contact the undersigned if you have any questions regarding this matter.

Respectfully Submitted,

*/s/ Craig W. Silverstein*

Craig W. Silverstein

Counsel to Golden Spread Electric Cooperative, Inc.

Attachment

## **CERTIFICATE OF SERVICE**

I hereby certify that I have this day served the foregoing document upon each person designated on the official service list compiled by the Secretary in this proceeding.

Dated at Washington, DC this 21<sup>st</sup> day of June, 2016.

*/s/ Craig W. Silverstein*  
Craig W. Silverstein

# GOLDEN SPREAD ELECTRIC COOPERATIVE

2016 SPP Transmission Rates

June 1, 2016

Golden Spread Electric Cooperative  
Summary of SPP Transmission Revenue Requirement

	Reference		(a)	(b)	(c)	(d) (e) (f) Allocation to SPP Transmission		
			Total GSEC	Other	Total SPP	Big Country	Greenbelt	South Plains
1	Power Generation	Schedule D1.0, L4	\$ 18,126,616	18,126,616	-	-	-	-
2	Other Power Supply	Schedule D1.0, L11	\$ 154,238,626	154,142,143	96,483	10,337	3,446	31,012
3	Transmission O&M	Schedule D1.0, L26	\$ 52,834,324	52,733,580	100,744	4,701	-	96,043
4	Distribution	Schedule D1.0, L30	\$ 38,294	31,529	6,765	725	242	2,174
5	Sales	Schedule D1.0, L34	\$ -	-	-	-	-	-
6	Admin & General	Schedule D1.0, L47	\$ 27,669,245	27,532,527	136,718	3,335	2,776	130,606
7	Depreciation	Schedule D1.0, L56	\$ 16,711,404	15,997,495	713,909	98,094	351,033	234,473
8	Taxes other than IC	Schedule D1.0, L61	\$ 5,888,268	5,816,601	71,667	45,533	2,861	23,273
9	Interest Expense	Schedule D1.0, L68	\$ 28,714,370	27,975,502	738,868	128,291	465,096	145,481
10	Non Operating Income	Schedule D1.0, L71	\$ (8,729,788)	(8,729,788)	-	-	-	-
11	Total Cost of Service	Sum L1..L10	\$ 295,491,359	293,626,205	1,865,154	291,016	825,454	663,064
12	Margin	Schedule H1.0, L6, cols e,f,g	\$		688,824	6,491	576,609	105,724
13	Total Revenue Requirement	L11 + L12	\$		2,553,978	297,508	1,402,063	768,787
14								
15	Billing Units	Schedule G1, L54, L6, L25, L52	kW mon		2,397,210	157,230	316,510	1,923,470
16								
17								
18	Rate							
19	Annual	L20 *12	\$/kW/yr		12.78	22.71	53.16	4.80
20	Monthly	L13/L15	\$/kW/mon		1.07	1.89	4.43	0.40
21	Weekly	L19/52	\$/kW/week		0.246	0.437	1.022	0.092
22	Daily	L21/5	\$/kW/day		0.049	0.087	0.204	0.018
23	Hourly	L22/16	\$/kW/hour		0.003	0.005	0.013	0.001

Golden Spread Electric Cooperative  
Summary of 12/31/2015 Plant Accounts

Note: Data from FERC Form 1			(a)	(b)	(c)	(d)	(e)		(f)	(g)
			Total	AF	Other	SPP Trans	Allocation to SPP Transmission		Greenbelt	SPEC
							Big Country			
1	<u>Other Production Plant</u>									
2	341 Structures & Improvements	p205, L38	85,140,462	100	85,140,462	-	-	-	-	-
3	344 Generators	p205, L41	217,068,026	100	217,068,026	-	-	-	-	-
4	Total		302,208,488		302,208,488	-	-	-	-	-
5										
6	<u>Transmission Plant</u>									
7	350 Land & Land Rights	p207, L48	232,962	C1.0,f74,f2,f38,f50	168,092	64,870	31,864	-	-	33,007
8	352 Structures & Improvements	p207, L49	-	C1.0,f75,f3,f39,f51	-	-	-	-	-	-
9	353 Station Equipment	p207, L50 - L10	17,055,164	C1.0,f76,f4,f40,f52	12,577,920	4,477,244	122,948	1,253,162	3,101,133	
10	353 SCADA		5,332,082	101	4,390,136.91	941,945	100,923	33,641	302,768	
11	355 Poles & Fixtures	p207, L52	18,102,646	C1.0,f78,f6,f42,f54	2,688,074	15,414,572	1,477,816	11,353,605	2,583,151	
12	356 Overhead Conductor & Devices	p207, L53	6,575,932	C1.0,f79,f7,f43,f55	2,324,962	4,250,970	1,664,036	-	2,586,934	
13	359 Roads & Trails	p207, L56	3,260	C1.0,f80,f8,f44,f56	3,260	-	-	-	-	
14	Total		47,302,046		22,152,445	25,149,601	3,397,587	12,640,408	8,606,993	
15										
16	<u>General Plant</u>									
17	390 Structures & Improvements	p207, L87	201,503	102	201,119	384	18	-	366	
18	391 Office Furniture & Equipment	p207, L88	8,570,768	102	8,554,425	16,343	763	-	15,580	
19	392 Transportation Equipment	p207, L89	602,933	102	601,783	1,150	54	-	1,096	
20	397 Communication Equipment	p207, L94	55,560	102	55,454	106	5	-	101	
21	398 Miscellaneous Equipment	p207, L95	135,067	102	134,809	258	12	-	246	
22	399 Other Tangible	p207, L97	1,241,940	102	1,239,572	2,368	111	-	2,258	
23	Total		10,807,771		10,787,163	20,608	962	-	19,646	
24										
25	Total Electric Plant		360,318,305		335,148,096	25,170,209	3,398,548	12,640,408	8,626,639	

Golden Spread Electric Cooperative  
CY2015 Transmission Plant Investment

Note: Data from company's books and records

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
	Total	Common	SPP	ERCOT	AF	SPP Trans	SPP Dist
<b>1 Big Country</b>							
2 350 Land & Land Rights	55,264		45,304	9,960	14	31,864	12,055
3 352 Structures & Improvements	-						
4 353 Station Equipment	3,688,754		1,358,075	2,330,679	11	122,948	1,235,127
5 353 SCADA	142,000		142,000				
6 355 Poles & Fixtures	1,955,977		1,477,816	478,161	10	1,477,816	-
7 356 Overhead Conductor & Devices	2,293,335		1,664,036	629,299	10	1,664,036	-
8 359 Roads & Trails	-						
9 Total	8,135,330		4,687,231	3,448,099		3,296,664	1,247,181
10 Acct 353		0.00%	36.82%	63.18%		9.05%	90.95%
10' Acct 355 + 356		0.00%	73.94%	26.06%		100.00%	0.00%
11 Total Less Acct 350		0.00%	57.45%	42.55%		70.33%	26.61%
<b>12</b>							
<b>13 Coleman</b>							
14 350 Land & Land Rights	8,958			8,958			
15 352 Structures & Improvements	286			286			
16 353 Station Equipment	513,703			513,703			
17 353 SCADA	-			-			
18 355 Poles & Fixtures	346,986			346,986			
19 356 Overhead Conductor & Devices	357,977			357,977			
20 359 Roads & Trails	3,260			3,260			
21 Total	1,231,170		-	1,231,170			
22 Acct 353		0.00%	0.00%	100.00%			
23 Total Less 350 Ratio		0.00%	0.00%	100.00%			
<b>24</b>							
<b>25 Concho</b>							
26 350 Land & Land Rights	142,261			142,261			
27 352 Structures & Improvements	-			-			
28 353 Station Equipment	8,154,643			8,154,643			
29 353 SCADA	386,230			386,230			
30 355 Poles & Fixtures	1,158,793			1,158,793			
31 356 Overhead Conductor & Devices	624,981			624,981			
32 359 Roads & Trails	-			-			
33 Total	10,466,908		-	10,466,908			
34 Station Equipment Ratio		0.00%	0.00%	100.00%			
35 Total Less 350 Ratio		0.00%	0.00%	100.00%			
<b>36</b>							
<b>37 Greenbelt</b>							
38 350 Land & Land Rights	-			-			
39 352 Structures & Improvements	-			-			
40 353 Station Equipment	13,842,305		13,842,305		12	1,253,162	12,589,143
41 353 SCADA	-			-			
42 355 Poles & Fixtures	11,353,605		11,353,605		10	11,353,605	-
43 356 Overhead Conductor & Devices	-			-			
44 359 Roads & Trails	-			-			
45 Total	25,195,910		25,195,910	-		12,606,767	12,589,143
46 Station Equipment Ratio		0.00%	100.00%	0.00%		9.05%	90.95%
47 Total Less 350 Ratio		0.00%	100.00%	0.00%		50.03%	49.97%

Golden Spread Electric Cooperative  
CY2015 Transmission Plant Investment

Note: Data from company's books and records

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
	Total	Common	SPP	ERCOT	AF	SPP Trans	SPP Dist
48							
49	<b>SPEC</b>						
50	350 Land & Land Rights	157,326	157,326		16	33,007	124,319
51	352 Structures & Improvements	-	-				
52	353 Station Equipment	34,254,801	34,254,801		13	3,101,133	31,153,668
53	353 SCADA	-	-				
54	355 Poles & Fixtures	2,583,151	2,583,151		10	2,583,151	-
55	356 Overhead Conductor & Devices	2,586,934	2,586,934		10	2,586,934	-
56	359 Roads & Trails	-	-				
57	Total	39,582,212	39,582,212	-		8,304,225	31,277,987
58	Station Equipment Ratio		0.00%	100.00%		9.05%	90.95%
59	Total Less 350 Ratio		0.00%	100.00%		20.98%	79.02%
60							
61	<b>GSEC</b>						
62	350 Land & Land Rights						
63	352 Structures & Improvements						
64	353 Station Equipment	423,689	423,689				
65	353 SCADA	4,803,852	4,803,852				
66	355 Poles & Fixtures						
67	356 Overhead Conductor & Devices						
68	359 Roads & Trails						
69	Total	5,227,541	5,227,541	-			
70	Station Equipment Ratio						
71	Total Less 350 Ratio		100.00%	0.00%			0.00%
72							
73	<b>Total</b>						
74	350 Land & Land Rights	363,809	-	202,630	161,179	64,870	136,374
75	352 Structures & Improvements	286	-	-	286	-	-
76	353 Station Equipment	60,877,895	423,689	49,455,181	10,999,025	4,477,244	44,977,937
77	353 SCADA	5,332,082	4,803,852	142,000	386,230	-	-
78	355 Poles & Fixtures	17,398,512	-	15,414,572	1,983,940	15,414,572	-
79	356 Overhead Conductor & Devices	5,863,227	-	4,250,970	1,612,257	4,250,970	-
80	359 Roads & Trails	3,260	-	-	3,260	-	-
81	Total	89,839,071	5,227,541	69,465,353	15,146,177	24,207,656	45,114,311
82	Station Equipment Ratio		0.70%	81.24%	18.07%	9.05%	90.95%
83	Total Less 350 Ratio		5.84%	77.41%	16.75%	34.86%	64.94%

Golden Spread Electric Cooperative  
Allocation of CY2015 Operating Expenses

Note: Data from FERC Form 1		(a)	(b)	(c)	(d)	(e) SPP Transmission			(g)
		Total	AF	Other	SPP	Big Country	Greenbelt	SPEC	
1	<b>Other Power Generation</b>								
2	547 Fuel p321, L63	17,379,927	100	17,379,927	-	-	-	-	
3	548 Generation Expense p321, L64	746,689	100	746,689	-	-	-	-	
4	Total	18,126,616		18,126,616	-	-	-	-	
5									
6	<b>Other Power Supply Expense</b>								
7	555 Purchased Power p321, L76	152,714,332	100	152,714,332	-	-	-	-	
8	556 SCADA p321, L77 - L9	546,162	103	449,679	96,483	10,337	3,446	31,012	
9	556 Load Control	-	104	-	-	-	-	-	
10	557 Other Expense (Letter of Credit) p321, L78	978,132	100	978,132	-	-	-	-	
11	Total	154,238,626		154,142,143	96,483	10,337	3,446	31,012	
12									
13	<b>Transmission Expense- Operation</b>								
14	560 Operations Supervision & Eng p321, L83	189,923	105	189,561	362	17	-	345	
15	561 Load Dispatching p321, L84	215,136	E1.0,g74,g2,g38,g50	207,944	7,192	-	-	7,192	
16	562 Station Expense p321, L93	1,866	E1.0,g75,g3,g39,g51	1,697	169	-	-	169	
17	562 Station Expense GSEC	-	104	-	-	-	-	-	
18	565 Transmission by Others p321, L96	52,156,361	100	52,156,361	-	-	-	-	
19	Total	52,563,286		52,555,563	7,723	17	-	7,706	
20									
21	<b>Transmission Expense - Maintenance</b>								
22	570 Maintenance Station Equipment (1) p321, L107	169,246	E1.0,g78,g5,g41,g53	129,323	39,923	-	-	39,923	
23	571 Maintenance OH Lines (1) p321, L108	101,792	E1.0,g79,g6,g42,g54	48,694	53,098	4,684	-	48,414	
24	Total	271,038		178,017	93,021	4,684	-	88,337	
25									
26	Total Transmission O&M	52,834,324		52,733,580	100,744	4,701	-	96,043	
27									
28	<b>Distribution Expenses</b>								
29	586 Meter Expense p322, L140	38,294	103	31,529	6,765	725	242	2,174	
30	Total	38,294		31,529	6,765	725	242	2,174	
31									
32	<b>Sales</b>								
33	912 Demonstrating & Selling p323, L175	-	100	-	-	-	-	-	
34	Total	-		-	-	-	-	-	



Golden Spread Electric Cooperative  
Allocation of CY2015 Operating Expenses

Note: Data from FERC Form 1		(a)	(b)	(c)	(d)	(e) SPP Transmission			(g)
						(f)	(f)	(f)	
		Total	AF	Other	SPP	Big Country	Greenbelt	SPEC	
35									
36	<b>Administrative &amp; General</b>								
37	920 Admin & Gen Salaries	p323, L181	8,936,263	106	8,919,223	17,040	795	-	16,244
38	921 Office Supplies	p323, L182	3,074,656	106	3,068,793	5,863	274	-	5,589
39	922 Credits for transfer	p323, L183	(141,718)	106	(141,448)	(270)	(13)	-	(258)
40	923 Outside Services	p323, L184	6,635,891	106	6,623,238	12,653	590	-	12,063
41	924 Property Insurance	p323, L185 - L42	2,086,262	106	2,082,284	3,978	186	-	3,792
42	924 Property Insurance SFA		235,745	E1.0,g80,g7,g43,g55	151,337	84,408	895	2,776	80,738
43	926 Employee Pensions & Benefits	p323, L187	4,658,431	106	4,649,548	8,883	414	-	8,468
44	930.1 General Advertising	p323, L191	364,749	106	364,054	695	32	-	663
45	930.2 Miscellaneous General	p323, L192	1,225,171	106	1,222,835	2,336	109	-	2,227
46	931 Rents	p323, L193	593,795	106	592,663	1,132	53	-	1,079
47	Total		27,669,245		27,532,527	136,718	3,335	2,776	130,606
48									
49	<b>Total Electric Operations &amp; Maint Expense</b>		252,907,105	-	252,566,395	340,710	19,099	6,464	259,836
50									
51	<b>Depreciation</b>								
52	Production	p336, L6	13,978,980	100	13,978,980	-	-	-	-
53	Transmission SFA	p336, L7 - L54	1,183,206	E1.0,g81,g8,g44,g56	525,872	657,334	92,033	349,013	216,288
54	SCADA GSEC	company books	320,257	101	263,682	56,575	6,062	2,021	18,185
55	General	p336, L10	1,228,961	100	1,228,961	-	-	-	-
56	Total		16,711,404		15,997,495	713,909	98,094	351,033	234,473
57									
58	<b>Taxes Other Than Income Taxes</b>								
59	Transmission SFA	L61-L60	452,042	E1.0,g82,g9,g45,g57	380,375	71,667	45,533	2,861	23,273
60	Other	company books	5,436,226	100	5,436,226	-	-	-	-
61	Total	p114, L14	5,888,268		5,816,601	71,667	45,533	2,861	23,273
62									
63	<b>Total Utility Operating Expenses</b>		275,506,777		274,380,491	1,126,286	162,726	360,358	517,583

Golden Spread Electric Cooperative  
Allocation of CY2015 Operating Expenses

Note: Data from FERC Form 1	(a)	(b)	(c)	(d)	(e) (f) (g) SPP Transmission		
	Total	AF	Other	SPP	Big Country	Greenbelt	SPEC
64							
65	<b>Interest Expense</b>						
66	SFA Interest	2,975,029	E1.0,g83,g10,g46,g58	2,236,161	738,868	128,291	465,096
67	Other Interest	25,739,341	100	25,739,341	-	-	-
68	Total	28,714,370		27,975,502	738,868	128,291	465,096
69							
70	<b>Non-operating Income</b>						
71	Total	8,729,788	100	8,729,788	-	-	-
	Total Cost of Service	295,491,359		293,626,205	1,865,154	291,016	825,454
	Note:						
	Reference FERC Form 1 page 450.1 for notes.						

Golden Spread Electric Cooperative, Inc.  
CY2015 Transmission Expenses

Note: Data from company's books and records

		(a) Total	(b) BC AF	(c) Common	(d) SPP	(e) ERCOT	(f) AF	(g) SPP Trans	(h) SPP Dist
	Account #								
1	<u>Big Country</u>								
2	Load Dispatching	561	-	1	-	-	11	-	-
3	Station Operating Expense (Note 1)	562	-	1	-	-	11	-	-
4	Maintenance Supervision	568	-	2	-	-	10	-	-
5	Maintenance Station Equipment (Note 2)	570	-	2	-	-	10	-	-
6	Maintenance OH Lines (Note 3)	571	6,335	2	-	4,684	1,651	10	4,684
7	Insurance	924	13,365	2	-	9,882	3,483	11	895
8	Depreciation	403	227,772	3	-	130,853	96,919	14	92,033
9	Property Taxes	408	112,689	3	-	64,739	47,950	14	45,533
10	Interest	427	317,507	3	-	182,405	135,102	14	128,291
11	Total Operating Expenses		677,668			377,997	279,971		271,435
12									109,565
13	<u>Coleman</u>								
14	Load Dispatching	561	-			-			
15	Station Operating Expense	562	-			-			
16	Maintenance Supervision	568	-			-			
17	Maintenance Station Equipment	570	-			-			
18	Maintenance OH Lines	571	41,067			41,067			
19	Insurance	924	4,273			4,273			
20	Depreciation	403	33,857			33,857			
21	Property Taxes	408	13,362			13,362			
22	Interest	427	30,154			30,154			
23	Total Operating Expenses		122,712			122,712			-
24									-
25	<u>Concho</u>								
26	Load Dispatching	561	-			-			
27	Station Operating Expense	562	-			-			
28	Maintenance Supervision	568	-			-			
29	Maintenance Station Equipment	570	129,323			129,323			
30	Maintenance OH Lines	571	-			-			
31	Insurance	924	38,719			38,719			
32	Depreciation	403	287,840			287,840			
33	Property Taxes	408	16,799			16,799			
34	Interest	427	384,054			384,054			
35	Total Operating Expenses		856,735			856,735			-
36									-

Golden Spread Electric Cooperative, Inc.  
CY2015 Transmission Expenses

Note: Data from company's books and records

		(a) Total	(b) BC AF	(c) Common	(d) SPP	(e) ERCOT	(f) AF	(g) SPP Trans	(h) SPP Dist
	Account #								
37	<u>Greenbelt</u>								
38	Load Dispatching	561	-		-		12	-	-
39	Station Operating Expense	562	-		-		12	-	-
40	Maintenance Supervision	568	-		-		10	-	-
41	Maintenance Station Equipment	570	-		-		12	-	-
42	Maintenance OH Lines	571	-		-		10	-	-
43	Insurance	924	30,667		30,667		12	2,776	27,890
44	Depreciation	403	697,538		697,538		15	349,013	348,525
45	Property Taxes	408	5,718		5,718		15	2,861	2,857
46	Interest	427	929,542		929,542		15	465,096	464,446
47	Total Operating Expenses		1,663,464		1,663,464			819,746	843,718
48									
49	<u>South Plains</u>								
50	Load Dispatching	561	79,439		79,439		13	7,192	72,247
51	Station Operating Expense	562	1,866		1,866		13	169	1,697
52	Maintenance Supervision	568	-		-		10	-	-
53	Maintenance Station Equipment	570	39,923		39,923		10	39,923	-
54	Maintenance OH Lines	571	48,414		48,414		10	48,414	-
55	Insurance	924	114,794		114,794		14	80,738	30,544
56	Depreciation	403	1,030,941		1,030,941		16	216,288	814,653
57	Property Taxes	408	110,933		110,933		16	23,273	87,660
58	Interest	427	693,438		693,438		16	145,481	547,957
59	Total Operating Expenses		2,119,747		2,119,747			561,478	1,554,758
60									

Golden Spread Electric Cooperative, Inc.  
CY2015 Transmission Expenses

Note: Data from company's books and records

		(a) Total	(b) BC AF	(c) Common	(d) SPP	(e) ERCOT	(f) AF	(g) SPP Trans	(h) SPP Dist
	Account #								
61	GSEC								
62	Load Dispatching	561	135,697	135,697					
63	Station Operating Expense	562	-	-					
64	Maintenance Supervision	568	-	-					
65	Maintenance Station Equipment	570	-	-					
66	Maintenance OH Lines	571	-	-					
67	Insurance	924	2,086,262	2,086,262					
68	Depreciation	403	26,100,722	26,100,722					
69	Property Taxes	408	5,437,026	5,437,026					
70	Interest	427	25,739,341	25,739,341					
71	Total Operating Expenses		59,499,048	59,499,048				-	-
72									
73	<b>Total Operating Expenses</b>								
74	Load Dispatching	561	215,136	135,697	79,439	-		7,192	72,247
75	Station Operating Expense (Note 1)	562	1,866		1,866	-		169	1,697
76	Trans Station Opr Exp GSEC	562	-	-	-	-		-	-
77	Maintenance Supervision	568	-	-	-	-		-	-
78	Maintenance Station Equipment (Note 2)	570	169,246	-	39,923	129,323		39,923	-
79	Maintenance OH Lines (Note 3)	571	95,816	-	53,098	42,718		53,098	-
80	Insurance	924	2,288,079	2,086,262	155,342	46,475		84,408	67,422
81	Depreciation	403	28,378,669	26,100,722	1,859,331	418,616		657,334	1,197,995
82	Property Taxes	408	5,696,528	5,437,026	181,391	78,111		71,667	107,743
83	Interest	427	28,094,037	25,739,341	1,805,385	549,310		738,868	1,060,937
84	Total		64,939,376	59,499,048	4,175,774	1,264,553		1,652,659	2,508,041

Notes:

Golden Spread Electric Cooperative  
Summary of Allocation Factors

			(a)	(b)	(c)	(d)	(e)	(f)
1	AF	Big Country SPP & ERCOT, Plant AF	Common	SPP	ERCOT			
2		-----	-----	-----	-----			
3	1	Big Country:Acct 353	C1.0,10c,10d	0.00%	36.82%	63.18%		
4	2	Big Country: Acct 355 + 356	C1.0,10'c,10'd	0.00%	73.94%	26.06%		
5	3	Big Country: Total Less Acct 350	C1.0,11c, 11d	0.00%	57.45%	42.55%		
6								
7			SPP	SPP				
8		SPP Trans & Dist, Plant AF	Tranmssion	Distribution				
9		-----	-----	-----				
10	10	Direct Trans	Fixed	100.00%	0%			
11	11	BCEC Substation	Fixed	9.05%	90.95%			
12	12	Greenbelt Substation	Fixed	9.05%	90.95%			
13	13	SPEC Substation	Fixed	9.05%	90.95%			
14	14	BCEC Total Plant less 350	C1.0,11f,11g	70.33%	26.61%			
15	15	Greenbelt Total Plant less 350	C1.0,47f,47g	50.03%	49.97%			
16	16	SPEC Total Plant less 350	C1.0,59f,59g	20.98%	79.02%			
17								
18		Expense AF	Other	SPP	Big Country	Greenbelt	SPEC	
19		-----	-----	-----	-----	-----	-----	
20	100	Direct to Other		100.00%	0.00%	0.00%	0.00%	0.00%
21	101	SCADA Investment	K1.0,17c,6c,3c,9c	82.33%	17.67%	1.89%	0.63%	5.68%
22	102	General Plant	L38	99.81%	0.19%	0.01%	0.00%	0.18%
23	103	SCADA Expense	K1.0,17c,6c,3c,9c	82.33%	17.67%	1.89%	0.63%	5.68%
24	104	Load Control Expense	K1.0,17c,6c,3c,9c	82.33%	17.67%	1.89%	0.63%	5.68%
25	105	Operation Supervision	L38	99.81%	0.19%	0.01%	0.00%	0.18%
26	106	Admin & Gen	L38	99.81%	0.19%	0.01%	0.00%	0.18%
27								
28								

Golden Spread Electric Cooperative  
Summary of Allocation Factors

			(a) Total	(b) Other	(c) SPP	(d) Big Country	(e) Greenbelt	(f) SPEC	
29									
30	<u>Transmission Expense</u>								
31	561	Load Dispatching	D1.0,15a,c,d,e,f,g	215,136	207,944	7,192	0	0	7,192
32	562	Station Expense	D1.0,16a,c,d,e,f,g	1,866	1,697	169	0	0	169
33	562	Station Expense GSEC	D1.0,17a,c,d,e,f,g	0	0	0	0	0	0
34	565	Transmission by Others	D1.0,18a,c,d,e,f,g	52,156,361	52,156,361	0	0	0	0
35	570	Maintenance Station Equipment	D1.0,22a,c,d,e,f,g	169,246	129,323	39,923	0	0	39,923
36	571	Maintenance OH Lines	D1.0,23a,c,d,e,f,g	101,792	48,694	53,098	4,684	0	48,414
37		Total		52,644,401	52,544,019	100,382	4,684	0	95,698
38		Total			99.81%	0.19%	0.01%	0.00%	0.18%
39									
40	<u>Plant Investment</u>								
41		Production	B1.0, 4a,c,d,e,f,g	302,208,488	302,208,488	-	-	-	-
42		Transmission	B1.0, 14a,c,d,e,f,g	47,302,046	22,152,445	25,149,601	3,397,587	12,640,408	8,606,993
43		Total		349,510,534	324,360,933	25,149,601	3,397,587	12,640,408	8,606,993
44		Total			92.80%	7.20%	0.97%	3.62%	2.46%
45									
46	<u>Wages &amp; Salaries</u>								
47		Production	p354, L20	1,274,017	43.89%				
48		Transmission	p354, L21	341,137	11.75%				
49		Regional Marketing	p354, L22	682,615	23.52%				
50		Distribution	p354, L23	-	0.00%				
51		Cust Acct, Cust Svc, Sales	p354, L24-26	605,118	20.85%				
52		Admin & Gen	p354, L27	8,936,263	307.84%				
53		Total		11,839,150	407.84%				

Note: Lines 10-13 will remain Fixed until a FPA Section 205 filing

Golden Spread Electric Cooperative  
Summary of SPP 2015 Usage

Note: Data from company's books and records

		Service Level	Load On Trans	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
<b>Big Country (SPP)</b>																	
1	GRAHAM INTERCHANG	kW	1	Yes	7,257	7,701	5,215	5,596	5,589	6,763	12,229	16,143	7,637	4,870	4,910	6,063	89,973
3	POST (YANCY)	kW	1	Yes	2,827	6,851	6,444	6,611	6,982	7,168	3,123	-	7,130	6,419	6,850	6,852	67,257
4	Total	kW			10,084	14,552	11,659	12,207	12,571	13,931	15,352	16,143	14,767	11,289	11,760	12,915	157,230
5	Adjustments																
6	Adjusted Total				10,084	14,552	11,659	12,207	12,571	13,931	15,352	16,143	14,767	11,289	11,760	12,915	157,230
7																	
8	Note: GSEC transmission serves all of the Big Country SPP load.																
9																	
<b>Greenbelt</b>																	
11	ALANREED	kW	2		81	57	25	30	32	40	41	39	36	34	25	75	515
12	CLAUDE	kW	2		808	818	286	316	317	470	651	684	539	417	456	651	6,413
13	HOWARD 69	kW	1		26,916	26,494	27,077	27,818	24,402	25,906	25,919	26,375	27,978	26,476	24,604	26,545	316,510
14	KELLERVILLE	kW	1		4,333	3,782	3,869	3,510	2,517	3,346	4,010	4,532	4,632	3,176	3,361	3,048	44,116
15	CLARENDON	kW	1		1,679	1,573	2,081	2,267	1,289	2,757	4,895	4,705	3,818	1,885	1,212	1,375	29,536
16	SHAMROCK	kW	1		1,478	1,555	923	1,497	1,040	1,878	1,934	2,541	2,038	987	1,347	1,085	18,303
17	WELLINGTON	kW	1		2,894	2,735	1,821	2,237	699	2,761	5,697	5,304	1,943	2,983	2,985	37,576	
18	Total	kW			38,189	37,014	36,082	37,675	30,296	37,158	43,147	44,393	44,345	34,918	33,988	35,764	452,969
19	Adjustments																
20	Adjusted Total				38,189	37,014	36,082	37,675	30,296	37,158	43,147	44,393	44,345	34,918	33,988	35,764	452,969
21																	
22	Note: Line from Howard 69 KV approximately 1 mile to tap near Wheeler Substation. One tap goes to Wheeler Substation and the second is 18 miles to Kelton. Meter is at tap and reflects both Wheeler and Kelton Load. Estimated 2010 Load																
23	Wheeler	kW	0.23	2,000	6,188	6,091	6,225	6,395	5,610	5,955	5,958	6,063	6,432	6,086	5,656	6,102	72,761
24	Kelton	kW	0.77	6,700	20,728	20,403	20,852	21,423	18,792	19,951	19,961	20,312	21,546	20,390	18,948	20,443	243,749
25	Total	kW		8,700	26,916	26,494	27,077	27,818	24,402	25,906	25,919	26,375	27,978	26,476	24,604	26,545	316,510
26																	
<b>South Plains</b>																	
28	ABERNATHY	kW	1	Yes	2,413	2,520	4,366	6,999	4,297	13,816	22,107	22,359	15,788	4,328	2,640	2,936	104,569
29	ACUFF STATION	kW	1	Yes	4,348	3,396	6,000	2,566	2,586	4,005	6,483	7,880	7,053	3,603	3,713	3,558	55,191
30	BECTON STATION	kW	1	Yes	1,192	1,213	2,929	2,722	1,191	3,412	5,796	9,216	6,686	1,273	894	1,128	37,652
31	CROSBY COUNTY INT	kW	1	Yes	16,378	13,659	12,446	15,624	13,036	13,687	21,766	29,889	25,042	11,282	14,024	13,094	199,927
32	ERSKINE SUB	kW	1	Yes	9,964	9,141	4,614	4,017	4,091	8,109	10,075	10,651	8,930	7,117	5,401	6,810	88,920
33	FRANKFORD	kW	1	Yes	14,030	13,794	9,319	17,492	16,341	21,179	24,954	26,105	21,587	18,025	10,102	13,050	205,978
34	HALFWAY STATION	kW	1	Yes	1,443	1,421	4,519	6,307	1,983	7,318	13,543	13,396	9,413	3,689	1,318	1,244	65,594
35	HETTLER STATION	kW	1	Yes	6,137	6,610	3,551	4,424	3,860	6,320	7,716	8,828	7,188	5,396	6,504	7,543	74,077
36	IDALOU STATION	kW	1	Yes	1,866	1,878	1,302	1,742	1,312	2,498	4,724	8,537	6,728	1,741	1,400	1,741	35,463
37	NEW DEAL	kW	1	Yes	2,442	2,519	1,243	1,935	1,272	2,051	3,462	4,321	2,778	1,649	1,676	2,123	27,471
38	QUAKER SUB	kW	1	Yes	21,088	28,953	15,461	27,797	20,553	18,616	22,731	24,913	21,066	17,302	13,662	18,367	250,509
39	POSEY/WOLFFORTH	kW	3	Yes	13,827	13,757	6,716	10,440	10,404	13,488	18,141	18,914	16,202	14,315	11,293	15,087	162,584
40	REESE	kW	1	No	16	-	-	-	-	-	-	-	-	-	-	-	16
41	SHALLOWATER STATI	kW	1	Yes	8,362	8,656	4,520	6,002	5,176	7,766	10,122	11,013	8,925	6,909	5,941	7,643	91,035
42	SLATON	kW	1	Yes	1,448	1,442	1,494	1,636	1,168	2,576	3,682	4,573	4,419	2,239	1,136	2,166	27,979
43	RANSOM CANYON	kW	3	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-
44	WOODROW	kW	1	Yes	18,257	9,607	4,973	6,302	10,060	17,561	22,048	24,705	21,805	15,487	15,908	20,574	187,287
45	YUMA	kW	1	Yes	31,880	32,950	16,608	8,711	10,078	30,425	35,469	36,939	31,574	24,855	20,358	29,387	309,234
46	CARLISLE STATION	kW	1	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-
47	SP00000000-001	kW	0	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-
48	SP00000000-002	kW	0	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-
49	SP00000000-003	kW	0	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-
50	Total				155,091	151,516	100,061	124,716	107,408	172,827	232,819	262,239	215,184	139,204	115,970	146,451	1,923,486
51	Less: Reese				(16)	-	-	-	-	-	-	-	-	-	-	-	(16)
52	Total Adjusted				155,075	151,516	100,061	124,716	107,408	172,827	232,819	262,239	215,184	139,204	115,970	146,451	1,923,470
53																	
54	Total SPP Trans				192,075	192,562	138,797	164,741	144,381	212,664	274,090	304,757	257,929	176,969	152,334	185,911	2,397,210

Note: GSEC owned transmission serves total SPEC load with exception of Reese.



Golden Spread Electric Cooperative, Inc.  
Determination of Margin Requirements

Note: Data from company's books and records

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
	Principal	Interest	Debt Svc		Big Country	Greenbelt	SPEC	Total	
	-----	-----	-----		-----	-----	-----	-----	
	<u>Total Debt Service</u>				<u>Margin Required</u>				
1	Big Country	66,723	317,507	384,231	DS	155,251	928,492	323,785	1,407,528
2	Coleman	14,884	30,154	45,038	Coverage	1.50	1.50	1.50	
3	Concho	128,696	384,054	512,750	Cash Req before DS	232,876	1,392,738	485,678	2,111,292
4	Greenbelt	926,144	929,542	1,855,686	Less: Depreciation	(98,094)	(351,033)	(234,473)	(683,601)
5	SPEC	849,889	693,438	1,543,328	Less: Interest	(128,291)	(465,096)	(145,481)	(738,868)
6	Total	1,986,337	2,354,696	4,341,033	Margin Required	6,491	576,609	105,724	688,824
7									
8	<u>Allocation to SPP</u>				Margin	6,491	576,609	105,724	688,824
9	Big Country	38,332	182,405	220,737	Plus: Depreciation	98,094	351,033	234,473	683,601
10	Greenbelt	926,144	929,542	1,855,686	Plus: Interest	128,291	465,096	145,481	738,868
11	SPEC	849,889	693,438	1,543,328	Cash Available Before DS	232,876	1,392,738	485,678	2,111,292
12	Total	1,814,366	1,805,385	3,619,751	Debt Service	155,251	928,492	323,785	1,407,528
13	Big Country AF	57.45%	57.45%		DSC	1.50	1.50	1.50	1.50
14	Greenbelt AF	100.00%	100.00%						
15	SPEC AF	100.00%	100.00%						
16									
17	<u>Allocation To SPP Transmission</u>								
18	Big Country	26,960	128,291	155,251					
19	Greenbelt	463,396	465,096	928,492					
20	SPEC	178,304	145,481	323,785					
21	Total	668,660	738,868	1,407,528					
22	Big Country AF	70.33%	70.33%						
23	Greenbelt AF	50.03%	50.03%						
24	SPEC AF	20.98%	20.98%						

Note: The DSC will remain fixed at 1.5 until a FPA Section 205 filing

**Golden Spread Electric Cooperative, Inc.**  
**Long-Term Debt**  
**Year Ended December 31, 2015**

Note: Data from company's books and records

	(a)	(b)	(c)
	LTD Account 224	Notes Payable Account 231	Total
1 Big Country	4,291,769.49	460,451.18	4,752,220.67
2 Concho	7,659,556.13	132,493.75	7,792,049.88
3 Coleman	444,862.85	-	444,862.85
4 Greenbelt	21,841,544.26	348,085.72	22,189,629.98
5 South Plains	20,903,980.16	1,825,403.09	22,729,383.25
6 Total	<u>55,141,712.89</u>	<u>2,766,433.74</u>	<u>57,908,146.63</u>
7			
8	Big Country	Big Country	Big Country
9 Beginning Bal	4,358,492.87	460,451.18	4,818,944.05
10 Additions	-	-	-
11 Payments	66,723.38	-	66,723.38
12 Ending Bal	<u>4,291,769.49</u>	<u>460,451.18</u>	<u>4,752,220.67</u>
13			
14	Concho	Concho	Concho
15 Beginning Bal	5,300,216.64	1,595,819.59	6,896,036.23
16 Additions	2,488,035.39	(1,463,325.84)	1,024,709.55
17 Payments	128,695.90	-	128,695.90
18 Ending Bal	<u>7,659,556.13</u>	<u>132,493.75</u>	<u>7,792,049.88</u>
19			
20	Coleman	Coleman	Coleman
21 Beginning Bal	459,747.08	-	459,747.08
22 Additions	-	-	-
23 Payments	14,884.23	-	14,884.23
24 Ending Bal	<u>444,862.85</u>	<u>-</u>	<u>444,862.85</u>
25			
26	Greenbelt	Greenbelt	Greenbelt
27 Beginning Bal	14,758,140.55	7,609,287.17	22,367,427.72
28 Additions	8,009,548.17	(7,261,201.45)	748,346.72
29 Payments	926,144.46	-	926,144.46
30 Ending Bal	<u>21,841,544.26</u>	<u>348,085.72</u>	<u>22,189,629.98</u>
31			
32	South Plains	South Plains	South Plains
33 Beginning Bal	20,205,957.01	112,749.60	20,318,706.61
34 Additions	1,547,912.52	1,712,653.49	3,260,566.01
35 Payments	849,889.37	-	849,889.37
36 Ending Bal	<u>20,903,980.16</u>	<u>1,825,403.09</u>	<u>22,729,383.25</u>

Golden Spread Electric Cooperative  
Functionalization of Substation Investment

Note: Data from company's books and records

The Acct 352 & 353 Investment consists of distribution substations.  
The high side is a transmission voltage and the low side is a distribution voltage.  
Only the high side asset cost is assigned to the transmission function.  
The allocation of total substation cost to the transmission and distribution function is based on representative allocation factors based on an analysis of substation owned by GSEC.

Functionalization of Distribution Substation Investment - Sample Data For GSEC Owned Substations

	ERC(Balance	Functionalized			Functionalized Percentage			Functionalized w/ Common		Functionalized Percent w/ Common		
		Trans	Dist	Common	Trans	Dist	Common	Trans	Dist	Trans	Dist	
Justiceburg	N	241,002	6,437	181,922	52,642	2.67%	75.49%	21.84%	8,236	232,766	3.42%	96.58%
Garza	N	104,772	3,960	79,259	21,553	3.78%	75.65%	20.57%	4,986	99,786	4.76%	95.24%
Fluvanna	N	147,514	9,232	112,289	25,993	6.26%	76.12%	17.62%	11,207	136,307	7.60%	92.40%
Plainview	Y	415,375	29,137	184,396	201,842	7.01%	44.39%	48.59%	56,679	358,695	13.65%	86.35%
Union	N	534,035	50,473	383,882	99,680	9.45%	71.88%	18.67%	62,057	471,978	11.62%	88.38%
Longworth	Y	4,573	-	2,541	2,031	0.00%	55.58%	44.42%	-	4,573	0.00%	100.00%
SNTX	Y	841,841	95,450	574,401	171,990	11.34%	68.23%	20.43%	119,958	721,883	14.25%	85.75%
Haskell Substation	Y	387,839	35,008	237,407	115,424	9.03%	61.21%	29.76%	49,842	337,997	12.85%	87.15%
Nugent Substation	Y	224,588	57,898	141,774	24,916	25.78%	63.13%	11.09%	65,123	159,465	29.00%	71.00%
Dressey	Y	63,935	2,832	45,032	16,071	4.43%	70.43%	25.14%	3,783	60,152	5.92%	94.08%
Novice	Y	142,799	3,263	130,813	8,722	2.28%	91.61%	6.11%	3,475	139,323	2.43%	97.57%
Gouldbusk	Y	227,512	13,400	149,190	64,922	5.89%	65.57%	28.54%	18,751	208,761	8.24%	91.76%
Mertzon	Y	448,782	14,098	371,410	63,274	3.14%	82.76%	14.10%	16,411	432,371	3.66%	96.34%
Grape Creek	Y	394,386	15,360	283,512	95,514	3.89%	71.89%	24.22%	20,269	374,117	5.14%	94.86%
Sterling City	Y	348,795	14,170	264,060	70,564	4.06%	75.71%	20.23%	17,764	331,031	5.09%	94.91%
Silver	Y	409,455	13,748	312,972	82,736	3.36%	76.44%	20.21%	17,229	392,226	4.21%	95.79%
Harriet	Y	518,450	8,475	419,893	90,082	1.63%	80.99%	17.38%	10,257	508,193	1.98%	98.02%
Lake Nasworthy	Y	339,088	15,250	235,802	88,036	4.50%	69.54%	25.96%	20,598	318,491	6.07%	93.93%
Barnhart	Y	352,419	10,727	267,829	73,864	3.04%	76.00%	20.96%	13,571	338,848	3.85%	96.15%
Veribest	Y	287,113	10,479	191,759	84,875	3.65%	66.79%	29.56%	14,877	272,236	5.18%	94.82%
Orient	Y	612,595	92,986	460,644	58,965	15.18%	75.20%	9.63%	102,890	509,705	16.80%	83.20%
TOTAL		7,046,867	502,385	5,030,786	1,513,697	7.13%	71.39%	21.48%	637,962	6,408,905	9.05%	90.95%

Golden Spread Electric Cooperative  
Delivery Points

Note: Data from company's books and records

	(a) Total	(b) Owned by GSEC	(c)
1 Bailey County	9		
2 Deaf Smith	21		
3 Greenbelt	10	2	0.63%
4 Lamb County	18		
5 LIGHTHOUSE	29		
6 BIG COUNTRY	25	6	1.89%
7 NORTH PLAINS	8		
8 RITA BLANCA	14		
9 SOUTH PLAINS	22	18	5.68%
10 SWISHER	3		
11 TRI-COUNTY	9		
12 COLEMAN	13	3	
13 CONCHO	27	12	
14 SWTEC	31		
15 TAYLOR	37	15	
16 LYNTEGAR	41		
17 Total	317	56	17.67%

Golden Spread Electric Cooperative  
Depreciation Rates

Note: Data from FERC Form 1

Account	Rate
1 350	2.75
2 353	2.75
3 355	2.75
4 356	2.75
5 390	6.67
6 391	20.00
7 392	20.00
8 397	20.00
9 399	10.00
10 101	6.67