

# Integrated System Transmission and Ancillary Services Rate Calculation

Effective January 1, 2014

Integrated System Transmission and  
Ancillary Services  
2012 Rate True-up Calculation

Western Area Power Administration  
Basin Electric Power Cooperative  
Heartland Consumers Power District

# Integrated System Transmission and Ancillary Services 2012 Rate True-up Calculation

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## IS Revenue Requirement True-up - 2012 Rate

A.	Projected Revenue Requirement	\$ 167,514,234	2012 Revenue Requirement - Estimate
B.	Actual Revenue Requirement	<u>\$ 180,412,085</u>	2012 Revenue Requirement - Actual
C.	Revenue Requirement Over (Under) Collected	\$ (12,897,851)	(A - B)
D.	Estimated Load	4,710,000	2012 Load - Estimate
E.	Actual Load	<u>4,973,000</u>	2012 Load - Actual
F.	Actual Load to Estimated Load Comparison	(263,000)	(D - E)
G.	Over collection due to volume	\$ 9,354,910	(A * (B / D) * -1)
H.	Under Collection of Revenue Requirement	\$ (12,897,851)	C
I.	Over Collection due to Volume	<u>\$ 9,354,910</u>	G
J.	Total Under Collection	\$ (3,542,941)	(C + G)

# Integrated System Transmission Rates 2012 Actual

# INTEGRATED SYSTEM ANNUAL REVENUE REQUIREMENT FOR TRANSMISSION SERVICE Effective January 1, 2012 - Actual

Line

No.

1			
2			
3	<b><u>Annual IS Transmission Costs</u></b>		<b><u>Notes</u></b>
4	Basin Electric	48,425,769	Basin Electric Revenue Requirement Template
5	Western	123,196,632	Western Revenue Requirement Template
6	Heartland	824,784	Heartland Revenue Requirement Template
7		<u>\$172,447,185</u>	L4 + L5 + L6
8			
9			
10	<b><u>Transmission Customer Facility Credits</u></b>		
11		2,776,046	MRES Revenue Requirement Template
12		<u>5,188,854</u>	NWPS Revenue Requirement Template
13		\$7,964,900	L11 + L12
14			
15			
16	<b><u>Annual Revenue Requirement for IS Transmission Service</u></b>		
17			
18		\$180,412,085	L7 + L13
19			
20			
21	<b><u>2012 True-up Amount</u></b>		
22		\$3,542,941	2012 Rate True-up Worksheet
23			
24	<b><u>2012 Unreserved Use of Transmission Service Penalties</u></b>		
25			
26		(\$5,590)	
27			
28			
29			

# INTEGRATED SYSTEM

## FIRM POINT-TO-POINT RATE DESIGN

### Effective January 1, 2012 - Actual

Line

No.

1			
2			
3	<u>Annual Revenue Requirement for IS Transmission Service</u>	<u>Notes</u>	
4			
5	\$180,412,085	IS Annual Revenue Requirement for	
6		Transmission Service Worksheet, L18	
7			
8	<u>IS Transmission System Total Load</u>		
9			
10	4,973,000 KW	IS Transmission System Total Load Worksheet, C5L14	
11			
12			
13	<u>Maximum Firm Point-to-Point Transmission Rate in \$/KW-Mo</u>		
14			
15	<b>\$3.02 / KW-Mo</b>	L5 / L10 / 12 months	

# INTEGRATED SYSTEM

## NON-FIRM POINT-TO-POINT RATE DESIGN

### Effective Janaury 1, 2012 - Actual

Line

No.

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

**Firm Point-to-Point Transmission Rate in \$/KW-Mo**

**Notes**

\$3.02 / KW-Mo

IS Firm Point-to-Point Rate Design Worksheet, L15

**Maximum Non-Firm Point-to-Point Transmission Rate**

**4.14 Mills/KWh**

(L5 \* 1000) / 730 hours per month

# Integrated System Transmission Rates 2012 Estimated



# INTEGRATED SYSTEM ANNUAL REVENUE REQUIREMENT FOR TRANSMISSION SERVICE Effective January 1, 2012

Line

No.

1			
2			
3	<b><u>Annual IS Transmission Costs</u></b>		<b><u>Notes</u></b>
4	Basin Electric	\$51,718,527	Basin Electric Revenue Requirement Template
5	Western	\$107,732,241	Western Revenue Requirement Template
6	Heartland	\$888,923	Heartland Revenue Requirement Template
7		<u>\$160,339,691</u>	L4 + L5 + L6
8			
9			
10	<b><u>Transmission Customer Facility Credits</u></b>		
11		\$3,902,748	MRES Revenue Requirement Template
12		<u>\$3,271,795</u>	NWPS Revenue Requirement Template
13		\$7,174,543	
14			
15			
16	<b><u>Annual Revenue Requirement for IS Transmission Service</u></b>		
17			
18		\$167,514,234	L7 + L13
19			
20	<b><u>2010 True-up Amount</u></b>		
21		(\$10,883,748)	2010 Rate True-up Worksheet
22			
23	<b><u>2010 Unreserved Use of Transmission Service Penalties</u></b>		
24			
25		(\$6,342)	
26			
27	<b><u>Annual Revenue Requirement for IS Transmission Service after True-up</u></b>		
28			
29		\$156,624,144	L18 - L21 - L25

# INTEGRATED SYSTEM

## FIRM POINT-TO-POINT RATE DESIGN

### Effective January 1, 2012

Line

No.

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15

**Annual Revenue Requirement for IS Transmission Service**

**Notes**

\$156,624,144

IS Annual Revenue Requirement for  
Transmission Service Worksheet, L29

**IS Transmission System Total Load**

4,710,000 KW IS Transmission System Total Load Worksheet, C5L14

**Maximum Firm Point-to-Point Transmission Rate in \$/KW-Mo**

**\$2.77 / KW-Mo**

L5 / L10 / 12 months

# INTEGRATED SYSTEM

## NON-FIRM POINT-TO-POINT RATE DESIGN

### Effective Janaury 1, 2012

Line

No.

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

**Firm Point-to-Point Transmission Rate in \$/KW-Mo**

**Notes**

\$2.77 / KW-Mo

IS Firm Point-to-Point Rate Design Worksheet, L15

**Maximum Non-Firm Point-to-Point Transmission Rate**

**3.79 Mills/KWh**

(L5 \* 1000) / 730 hours per month

# Integrated System Load Data

**2012 IS Transmission System Total Load Estimate**  
**Transmission Rate**  
(MW)

**4,710**

## 2012 IS Transmission System Total Load (MW)

	(1)	(2)	(3)	(4)	(5)
Line No.	Date	Hour Ending	Network Load	Long-Term Firm Point-to-Point Reservations	Total
1	01/19/12	800	4,892	476	5,368
2	02/10/12	800	4,588	476	5,064
3	03/01/12	800	4,157	476	4,633
4	04/11/12	800	3,620	476	4,096
5	05/18/12	1600	3,925	426	4,351
6	06/27/12	1700	5,012	426	5,438
7	07/19/12	1800	5,449	426	5,875
8	08/01/12	1700	5,185	426	5,611
9	09/04/12	1700	4,427	426	4,853
10	10/25/12	2000	3,938	426	4,364
11	11/26/12	1900	4,429	426	4,855
12	12/26/12	1900	<u>4,738</u>	<u>426</u>	<u>5,164</u>
13					
14	<b>12 CP</b>		4,530	443	4,973

## 2012 Integrated System Network Load

(MW)

Line No.	(1) Date	(2) Hour Ending	(3) Basin Network System Load	(4) Basin Corn Belt	(5) Basin NIMECA	(6) Western Network System Load	(7) Heartland Network System Load	(8) MRES	(9) NWPS	(10) XCEL	(11) NWMT	(12) MDU	(13) MINNKOTA	(14) SMEC	(15) MMPA	(16) Total IS Network Loads
1																
2	01/19/12	800	2,165	0	65	1809	120	361	272	0.810	52	36	5	6	0.000	4,892
3	02/10/12	800	2,043	0	61	1705	115	334	250	0.753	42	24	11	2	0.000	4,588
4	03/01/12	800	2,020	0	52	1422	100	276	226	0.103	41	9	8	3	0.000	4,157
5	04/11/12	800	1,790	0	44	1199	94	252	192	0.559	34	2	11	1	0.662	3,620
6	05/18/12	1600	1,908	0	56	1298	102	271	242	0.094	38	0	6	4	0.000	3,925
7	06/27/12	1700	2,434	0	78	1674	124	355	285	0.513	44	2	6	9	0.693	5,012
8	07/19/12	1800	2,622	0	77	1784	127	400	320	0.801	69	30	10	7	2.132	5,449
9	08/01/12	1700	2,516	0	76	1701	128	379	303	0.720	60	7	6	6	2.566	5,185
10	09/04/12	1700	2,235	0	80	1352	115	317	272	0.621	40	2	10	2	1.476	4,427
11	10/25/12	2000	2,080	0	50	1200	97	233	205	0.076	45	15	10	3	0.000	3,938
12	11/26/12	1900	2,218	0	54	1410	108	318	235	0.709	51	21	10	3	0.000	4,429
13	12/26/12	1900	2,166	0	52	1710	113	332	249	0.802	58	36	10	4	0.000	4,738
14																
15	Average Monthly Peak IS Network Load		2,183	0	63	1,522	112	319	254	0.547	48	15	9	4	0.627	4,530
	2011 Network Load		2,028	0	64	1,578	110	331	263	0.675	48	9	6	4	0	4,442
	Difference		155	0	-1	-56	2	-12	-9	0	0	6	3	0	1	88
	Percent Change		7.10%		-1.59%	-3.68%	1.79%	-3.76%	-3.54%	0.00%	0.00%	40.00%	33.33%	0.00%	159.49%	1.94%

# Western's 2012 Actual Revenue Requirement Template



Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Utilizing Financial Statement Results of Operations

12 Months Ending 9/30/2012

Western Area Power Administration

Line No.						Allocated Amount
1	GROSS REVENUE REQUIREMENT (page 3, line 29)					\$ 135,181,417
	REVENUE CREDITS (Note R)	Total		Allocator		
2	Short-Term Firm Point-to-Point Transmission Service Credit	(39,514)	NA	1.00000	(39,514)	
3	Non-Firm Point-to-Point Transmission Service Credit	11,229,129	NA	1.00000	11,229,129	
4	Revenue from Existing Transmission Agreements	631,678	NA	1.00000	631,678	
5	Scheduling, System Control, and Dispatch Service Credit	84,410	NA	1.00000	84,410	
6	Account No. 454 (page 4, line 39)	79,082	TP	1.00000	79,082	
7	Account No. 456 (page 34, line 42)	0	TP	1.00000	0	
8	TOTAL REVENUE CREDITS				11,984,785	
9	NET REVENUE REQUIREMENT (line 1 minus line 8)				\$ 123 196 632	

Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Utilizing Financial Statement Results of Operations

12 Months Ending 9/30/2012

## Western Area Power Administration

Line No.	(1) RATE BASE	(2) ROOs Reference	(3) Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)
	GROSS PLANT N SERVICE (Note A)				
1	Production	Schedule 1A Total	971,427,561	NA	
2	Transmission	Schedule 1A Total	1,135,206,587	TP	1.00000
3	Distribution	Schedule 1A Total	30,335,696	NA	
		Bal Sheet - Other Assets			
4	General & Intangible	- SGL 175002		W/S	1.00000
5	Common		0	CE	0.00000
6	TOTAL GROSS PLANT (sum lines 1-5)		2,136,969,844	GP=	53.122%
	ACCUMULATED DEPRECIATION				
7	Production	Schedule 4	539,406,590	NA	
8	Transmission	Schedule 4	541,853,373	TP	1.00000
9	Distribution	Schedule 4	14,392,053	NA	
		Bal Sheet - Other Assets			
10	General & Intangible	- SGL 175902	0	W/S	1.00000
11	Common		0	CE	0.00000
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)		1,095,652,016		
	NET PLANT N SERVICE				
13	Production	(line 1 - line 7)	432,020,971		
14	Transmission	(line 2 - line 8)	593,353,214		
15	Distribution	(line 3 - line 9)	15,943,643		
16	General & Intangible	(line 4 - line 10)	0		
17	Common	(line 5 - line 11)	0		
18	TOTAL NET PLANT (sum lines 13-17)		1,041,317,828	NP=	56.981%
	ADJUSTMENTS TO RATE BASE (Note B)				
19	Account No. 281 (enter negative)		0		zero
20	Account No. 282 (enter negative)		0	NP	0.56981
21	Account No. 283 (enter negative)		0	NP	0.56981
22	Account No. 190		0	NP	0.56981
23	Account No. 255 (enter negative)		0	NP	0.56981
24	TOTAL ADJUSTMENTS (sum lines 19 - 23)		0		
25	LAND HELD FOR FUTURE USE (Note C)		0	TP	1.00000
	WORKING CAPITAL (Note D)				
26	CWC	calculated	22,258,996		
		Bal Sheet - Other Assets			
27	Materials & Supplies (Note C)	- SGL 151191	0	TE	0.00000
28	Prepayments	Bal Sheet Other Assets	0	GP	0.53122
29	TOTAL WORKING CAPITAL (sum lines 26 - 28)		22,258,996		
30	RATE BASE (sum lines 18, 24, 25, and 29)		1,063,576,824		

Western Area Power Administration  
Integrated System

Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Utilizing Financial Statement Results of Operations

12 Months Ending 9/30/2012

## Western Area Power Administration

Line No.	(1)	(2)	(3)	(4)	(5)
		Results of Operation Reference	Company Total	Allocator	Transmission (Col 3 times Col 4)
	<b>O&amp;M</b>				
1	Transmission (Note E)	Schedule 11			
1a	Western UGP		64,409,359	PTP/UGP 0.95507	61,515,447
1b	Western RMR		37,768,427	PTP/RMR 0.00930	351,246
1c	COE	COE Financial Stmt	50,686,864	PTP/COE 0.04379	2,219,578
2	Less Account 565 (Note E)			NA 1.00000	0
3	A&G (Note F)	Schedule 11			
3a	Western UGP		16,479,304	PTP/UGP 0.95507	15,738,889
3b	Western RMR		8,728,010	PTP/RMR 0.00930	81,170
4	Less FERC Annual Fees		0	W/S 1.00000	0
5	Less EPRI & Reg. Comm. Exp. & Non-safety Ad (Note G)		0	W/S 1.00000	0
5a	Plus Transmission Related Reg. Comm. Exp (Note G)		0	TE 0.00000	0
6	Common		0	CE 0.00000	0
7	Transmission Lease Payments		0	NA 1.00000	0
8	TOTAL O&M (sum lines 1, 3, 5a, 6, 7 less lines 2, 4, 5)		178,071,964		79,906,330
	<b>DEPRECIATION EXPENSE</b>				
9	Transmission (Note E)	Schedule 4			
9a	Western UGP		27,444,269	PTP/UGP 0.95507	26,211,198
9b	Western RMR		20,038,251	PTP/RMR 0.00930	186,356
9c	COE		11,766,373	PTP/COE 0.04379	515,249
10	General		0	W/S 1.00000	0
11	Common		0	CE 0.00000	0
12	TOTAL DEPRECIATION (Sum lines 9 - 11)		59,248,893		26,912,803
	<b>TAXES OTHER THAN INCOME TAXES (Note H)</b>				
	<b>LABOR RELATED</b>				
13	Payroll		0	W/S 1.00000	0
14	Highway and vehicle		0	W/S 1.00000	0
	<b>PLANT RELATED</b>				
16	Property		0	GP 0.53122	0
17	Gross Receipts		0	zero	0
18	Other		0	GP 0.53122	0
19	Payments in lieu of taxes		0	GP 0.53122	0
20	TOTAL OTHER TAXES (sum lines 13 - 19)		0		0
	<b>INCOME TAXES (Note I)</b>				
21	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$		0.00%	NA	
22	$CIT=(T/(1-T)) * (1-(WCLTD/R)) =$		0.00%		
	where WCLTD=(page 4, line 27) and R= (page 4, line30)				
	and FIT, SIT & p are as given in footnote I.				
23	$1 / (1 - T) =$ (from line 21)		0.0000		
24	Amortized Investment Tax Credit (enter negative)		0		
25	Income Tax Calculation = line 22 * line 28		0	NA	0
26	ITC adjustment (line 23 * line 24)		0	NP 0.56981	0
27	Total Income Taxes (line 25 plus line 26)		0		0
28	RETURN [ Rate Base (page 2, line 30) * Rate of Return (page 4, line 30)]		50,838,972	NA	28,362,284
29	REV. REQUIREMENT (sum lines 8, 12, 20, 27, 28)		288,159,829		135,181,417

Western Area Power Administration  
Integrated System

Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Utilizing Financial Statement Results of Operations

12 Months Ending 9/30/2012

Western Area Power Administration

Line No.	SUPPORTING CALCULATIONS AND NOTES									
TRANSMISSION PLANT INCLUDED IN IS RATES										
1	Total transmission plant (page 2, line 2, column 3)								1,135,206,587	
2	Less transmission plant excluded from IS rates (Note K)								0	
3	Less transmission plant included in OATT Ancillary Services (Note L)								0	
4	Transmission plant included in IS rates (line 1 less lines 2 & 3)								1,135,206,587	
5	Percentage of transmission plant included in IS Rates (line 4 divided by line 1)					TP=			1.00000	
TRANSMISSION EXPENSES										
6	Total transmission expenses (page 3, line 1, column 3)									
7	Less transmission expenses included in OATT Ancillary Services (Note J)								0	
8	Included transmission expenses (line 7 less line 6)								0	
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)								0.00000	
10	Percentage of transmission plant included in IS Rates (line 5)					TP			1.00000	
11	Percentage of transmission expenses included in IS Rates (line 9 times line 10)					TE=			0.00000	
WAGES & SALARY ALLOCATOR (W&S)										
12	Production		\$	0	TP		Allocation			
13	Transmission		18,676,720	1.00			18,676,720			
14	Distribution		0	0.00			0			
15	Other			0.00			0		W&S Allocator (\$ / Allocation)	
16	Total (sum lines 12-15)		18,676,720				18,676,720	=	1.00000	
PERCENTAGE OF TOTAL PLANT ALLOCATOR PTP (Note M)										
17	Transmission Plant in Service UGP		\$	1,085,190,759						
18	Total Plant in Service UGP			1,136,236,533						
19	UGP Percentage of Transmission Plant to Total Plant (line 17 divided by line 18)					PTP/UGP		=	0.95507	
20	Transmission Plant in Service RMR			6,476,901						
21	Total Plant in Service RMR			696,161,474						
22	RMR Percentage of Transmission Plant to Total Plant (line 20 divided by line 22)					PTP/RMR		=	0.00930	
23	Transmission Plant in Service COE			43,538,927						
24	Total Plant in Service COE			994,256,410						
25	COE Percentage of Transmission Plant to Total Plant (line 23 divided by line 24)					PTP/COE		=	0.04379	
COMMON PLANT ALLOCATOR (CE) (Note N)										
26	Electric		\$	0		% Electric (line 17 / line 20)		Labor Ratio (line 16)	=	CE 0.00000
27	Gas			0		0.00000	*	1.00000		
28	Water			0						
29	Total (sum lines 17-19)			0						
RETURN (R)										
30	Long Term Interest Schedule 5		\$	\$35,371,577						
HFD Sch's 21RX & 21X Col 8 Lines										
31	Long Term Debt	23,25,26,29,30	\$	740,200,893	100%	Cost (Note O)		Weighted		=WCLTD
32	Proprietary Capital			0	0%	0.0478		0.0478	=R	
33	Total (sum lines 31-32)			740,200,893	100%	0.1238		0.0000		
Proprietary Capital Cost Rate = 12.38%										
TER = 1.00										
REVENUE CREDITS										
ACCOUNT 447 (SALES FOR RESALE)										
36	a. Bundled Non-RQ Sales for Resale (Note P)							Load		
37	b. Bundled Sales for Resale included in Divisor on page 1								0	
38	Total of (a)-(b)								0	
39	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note Q)								79,083	
ACCOUNT 456 (OTHER ELECTRIC REVENUES)										
40	a. Transmission charges for all transmission transactions									
41	b. Transmission charges for all transmission transactions included in Divisor on page 1									
42	Total of (a)-(b)									\$0

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# Western's 2012 Estimated Revenue Requirement Template

Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Utilizing Financial Statement Results of Operations

Est for 12 Months Ending 9/30/2012

Western Area Power Administration

Line No.					Allocated Amount
1	GROSS REVENUE REQUIREMENT (page 3, line 29)				\$ 126,118,760
	REVENUE CREDITS (Note R)	Total	Allocator		
2	Short-Term Firm Point-to-Point Transmission Service Credit	7,091,261	NA 1.00000		7,091,261
3	Non-Firm Point-to-Point Transmission Service Credit	9,236,176	NA 1.00000		9,236,176
4	Revenue from Existing Transmission Agreements	1,874,000	NA 1.00000		1,874,000
5	Scheduling, System Control, and Dispatch Service Credit	106,000	NA 1.00000		106,000
6	Account No. 454 (page 3, line 36)	79,082	TP 1.00000		79,082
7	Account No. 456 (page 3, line 39)	0	TP 1.00000		0
8	TOTAL REVENUE CREDITS				18,386,519
9	NET REVENUE REQUIREMENT (line 1 minus line 8)				\$ 107,732,241

Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Utilizing Financial Statement Results of Operations

Est for 12 Months Ending 9/30/2012

Western Area Power Administration

Line No.	(1)	(2) ROOs Reference	(3) Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)
	<b>RATE BASE:</b>				
	GROSS PLANT IN SERVICE (Note A)				
1	Production	Schedule 1A Total	960,298,305	NA	
2	Transmission	Schedule 1A Total	1,126,787,076	TP 1.00000	1,126,787,076
3	Distribution	Schedule 1A Total	31,991,519	NA	
		Bal Sheet - Other			
4	General & Intangible	Assets - SGL 175002		W/S 1.00000	0
5	Common		0	CE 0.00000	0
6	TOTAL GROSS PLANT (sum lines 1-5)		2,119,076,900	GP= 53.173%	1,126,787,076
	ACCUMULATED DEPRECIATION				
7	Production	Schedule 4	544,771,394	NA	
8	Transmission	Schedule 4	539,770,355	TP 1.00000	539,770,355
9	Distribution	Schedule 4	15,241,878	NA	
		Bal Sheet - Other			
10	General & Intangible	Assets - SGL 175902	0	W/S 1.00000	0
11	Common		0	CE 0.00000	0
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)		1,099,783,627		539,770,355
	NET PLANT IN SERVICE				
13	Production	(line 1 - line 7)	415,526,911		
14	Transmission	(line 2 - line 8)	587,016,721		587,016,721
15	Distribution	(line 3 - line 9)	16,749,641		
16	General & Intangible	(line 4 - line 10)	0		0
17	Common	(line 5 - line 11)	0		0
18	TOTAL NET PLANT (sum lines 13-17)		1,019,293,273	NP= 57.591%	587,016,721
	ADJUSTMENTS TO RATE BASE (Note B)				
19	Account No. 281 (enter negative)		0	zero	0
20	Account No. 282 (enter negative)		0	NP 0.57591	0
21	Account No. 283 (enter negative)		0	NP 0.57591	0
22	Account No. 190		0	NP 0.57591	0
23	Account No. 255 (enter negative)		0	NP 0.57591	0
24	TOTAL ADJUSTMENTS (sum lines 19 - 23)		0		0
25	LAND HELD FOR FUTURE USE	(Note C)	0	TP 1.00000	0
	WORKING CAPITAL (Note D)				
26	CWC	calculated	19,682,128		0
		Bal Sheet - Other			
27	Materials & Supplies (Note C)	Assets - SGL 151191	0	TE 0.00000	0
28	Prepayments	Bal Sheet Other Assets	0	GP 0.53173	0
29	TOTAL WORKING CAPITAL (sum lines 26 - 28)		19,682,128		0
30	RATE BASE (sum lines 18, 24, 25, and 29)		1,038,975,401		587,016,721

Western Area Power Administration  
Integrated System



Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Utilizing Financial Statement Results of Operations

Est for 12 Months Ending 9/30/2012

## Western Area Power Administration

Line No.	(1)	(2)	(3)	(4)	(5)
		Results of Operation Reference	Company Total	Allocator	Transmission (Col 3 times Col 4)
1	O&M				
1a	Transmission (Note E)	Schedule 11			
1b	Western UGP		53,941,125	PTP/UGP 0.95461	51,492,737
1c	Western RMR		38,546,529	PTP/RMR 0.00925	356,555
2	COE	COE Financial Stmts	37,352,000	PTP/COE 0.03783	1,413,026
3	Less Account 565 (Note E)			NA 1.00000	0
3a	A&G (Note F)	Schedule 11			
3b	Western UGP		18,165,979	PTP/UGP 0.95461	17,341,425
4	Western RMR		9,451,391	PTP/RMR 0.00925	87,425
5	Less FERC Annual Fees		0	W/S 1.00000	0
5a	Less EPRI & Reg. Comm. Exp. & Non-safety Ad (Note G)		0	W/S 1.00000	0
6	Plus Transmission Related Reg. Comm. Exp (Note G)		0	TE 0.00000	0
7	Common		0	CE 0.00000	0
8	Transmission Lease Payments		0	NA 1.00000	0
8	TOTAL O&M (sum lines 1, 3, 5a, 6, 7 less lines 2, 4, 5)		157,457,024		70,691,168
9	DEPRECIATION EXPENSE				
9a	Transmission (Note E)	Schedule 4			
9b	Western UGP		27,240,010	PTP/UGP 0.95461	26,003,586
9c	Western RMR		14,220,442	PTP/RMR 0.00925	131,539
10	COE		10,870,848	PTP/COE 0.03783	411,244
11	General		0	W/S 1.00000	0
12	Common		0	CE 0.00000	0
12	TOTAL DEPRECIATION (Sum lines 9 - 11)		52,331,300		26,546,369
13	TAXES OTHER THAN INCOME TAXES (Note H)				
13	LABOR RELATED				
14	Payroll		0	W/S 1.00000	0
15	Highway and vehicle		0	W/S 1.00000	0
16	PLANT RELATED				
17	Property		0	GP 0.53173	0
18	Gross Receipts		0	zero	0
19	Other		0	GP 0.53173	0
20	Payments in lieu of taxes		0	GP 0.53173	0
20	TOTAL OTHER TAXES (sum lines 13 - 19)		0		0
21	INCOME TAXES (Note I)			NA	
22	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$		0.00%		
23	$CIT=(T/(1-T)) * (1-(WCLTD/R)) =$		0.00%		
24	where WCLTD=(page 4, line 27) and R= (page 4, line30) and FIT, SIT & p are as given in footnote I.				
25	$1 / (1 - T) =$ (from line 21)		0.0000		
26	Amortized Investment Tax Credit (enter negative)		0		
27	Income Tax Calculation = line 22 * line 28		0	NA	0
28	ITC adjustment (line 23 * line 24)		0	NP 0.57591	0
29	Total Income Taxes (line 25 plus line 26)		0		0
28	RETURN [Rate Base (page 2, line 30) * Rate of Return (page 4, line 30)]		51,117,590	NA	28,881,223
29	REV. REQUIREMENT (sum lines 8, 12,20,27,28)		260,905,914		126,118,760

Western Area Power Administration  
Integrated System

Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Utilizing Financial Statement Results of Operations

Est for 12 Months Ending 9/30/2012

Western Area Power Administration

Line  
No.

## SUPPORTING CALCULATIONS AND NOTES

## TRANSMISSION PLANT INCLUDED IN IS RATES

1	Total transmission plant (page 2, line 2, column 3)	1,126,787,076
2	Less transmission plant excluded from IS rates (Note K)	
3	Less transmission plant included in OATT Ancillary Services (Note L)	0
4	Transmission plant included in IS rates (line 1 less lines 2 & 3)	1,126,787,076
5	Percentage of transmission plant included in IS Rates (line 4 divided by line 1)	TP= 1.00000

## TRANSMISSION EXPENSES

6	Total transmission expenses (page 3, line 1, column 3)	
7	Less transmission expenses included in OATT Ancillary Services (Note J)	0
8	Included transmission expenses (line 7 less line 6)	0
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)	0.00000
10	Percentage of transmission plant included in IS Rates (line 5)	TP 1.00000
11	Percentage of transmission expenses included in IS Rates (line 9 times line 10)	TE= 0.00000

## WAGES &amp; SALARY ALLOCATOR (W&amp;S)

		\$	TP	Allocation	
12	Production	0	0.00	0	
13	Transmission	18,907,420	1.00	18,907,420	
14	Distribution	0	0.00	0	W&S Allocator
15	Other	0	0.00	0	(\$ / Allocation)
16	Total (sum lines 12-15)	18,907,420		18,907,420	= 1.00000

## PERCENTAGE OF TOTAL PLANT ALLOCATOR PTP (Note M)

		\$			
17	Transmission Plant in Service UGP	1,083,478,852			
18	Total Plant in Service UGP	1,135,000,426			
19	UGP Percentage of Transmission Plant to Total Plant (line 17 divided by line 18)		PTP/UGP	=	0.95461
20	Transmission Plant in Service RMR	6,323,513			
21	Total Plant in Service RMR	683,875,642			
22	RMR Percentage of Transmission Plant to Total Plant (line 20 divided by line 22)		PTP/RMR	=	0.00925
23	Transmission Plant in Service COE	36,984,711			
24	Total Plant in Service COE	977,752,962			
25	COE Percentage of Transmission Plant to Total Plant (line 23 divided by line 24)		PTP/COE	=	0.03783
	COMMON PLANT ALLOCATOR (CE) (Note N)	\$	% Electric	Labor Ratio	= CE
26	Electric	0	(line 17 / line 20)	(line 16)	0.00000
27	Gas	0	0.00000	*	1.00000
28	Water	0			
29	Total (sum lines 17-19)	0			

## RETURN (R)

30	Long Term Interest Schedule 5	\$37,434,238			
		\$	%	Cost (Note O)	Weighted =WCLTD
31	Long Term Debt	760,936,643	100%	0.0492	0.0492 =R
32	Proprietary Capital		0%	0.1238	0.0000
33	Total (sum lines 22-23)	760,936,643	100%		0.0492
34				Proprietary Capital Cost Rate =	12.38%
35				TIER =	1.00

## REVENUE CREDITS

				Load	
36	ACCOUNT 447 (SALES FOR RESALE)				
37	a. Bundled Non-RQ Sales for Resale (Note P)			0	
38	b. Bundled Sales for Resale included in Divisor on page 1			0	
	Total of (a)-(b)			0	
39	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note Q)			79,082	
40	ACCOUNT 456 (OTHER ELECTRIC REVENUES)				
41	a. Transmission charges for all transmission transactions				
42	b. Transmission charges for all transmission transactions included in Divisor on page 1				
	Total of (a)-(b)				\$0

Western Area Power Administration  
Integrated System

Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Utilizing Financial Statement Results of Operations

Est for 12 Months Ending 9/30/2012

Western Area Power Administration

General Note: References to Results of Operations in this revenue requirement template indicate the Financial Statement Results of Operations (ROOs)  
Schedule where data is located

Note Letter	To the extent the references to ROOs data are missing, the entity will include a "Notes" section to provide this data.												
A	Combines plant data for both the Upper Great Plains Region and Rocky Mountain Region.												
B	Does not apply to Western. For others, the balances in Accounts 190, 281, 282 and 283, as adjusted by any contra accounts identified as regulatory assets amounts in or liabilities related to FASB 106 or 109. Balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note K. Account 281 is not allocated.												
C	Transmission related only.												
D	Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission at page 3, line 8, column 5. Prepayments are the electric related prepayments booked to Account No. 165 and reported in the Other Assets Section of the Balance Sheet												
E	For O&M Expense, Calculated as Total O&M from Results of Operations less Purchase Power, Transmission Service Provided by Others (FERC 565), O&M Expense Fort Peck Powerhouse, Prior Year Adjustments, A&G Expense from Schedule 11, plus CME and Warehouse Interest from Schedule 5. Depreciation Expense from Results of Operations Schedule 4.												
F	Totals of Results of Operations Schedule 11A Object Classes 1411, 1412, 1415, 1416, 1421, 1422, 1425, 1426, 1431, 1432, 1441, 1442												
G	Line 5 - EPRI Annual Membership Dues, all Regulatory Commission Expenses, and non-safety related advertising. Line 5a - Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting.												
H	Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year. Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.												
I	Western is not subject to Federal or State Income Tax. <table><tr><td>Inputs Required:</td><td>FIT =</td><td>0.00%</td><td></td></tr><tr><td></td><td>SIT=</td><td>0.00%</td><td>(State Income Tax Rate or Composite SIT)</td></tr><tr><td></td><td>p =</td><td>0.00%</td><td>(percent of federal income tax deductible for state purposes)</td></tr></table>	Inputs Required:	FIT =	0.00%			SIT=	0.00%	(State Income Tax Rate or Composite SIT)		p =	0.00%	(percent of federal income tax deductible for state purposes)
Inputs Required:	FIT =	0.00%											
	SIT=	0.00%	(State Income Tax Rate or Composite SIT)										
	p =	0.00%	(percent of federal income tax deductible for state purposes)										
J	Removes dollar amount of transmission expenses included in the OATT ancillary services rates, including Acct No. 561. Western does not include transmission expenses in ancillary service rates.												
K	Removes transmission plant determined by Commission order to be state-jurisdictional according to the seven-factor test (until RUS 12 balances are adjusted to reflect application of seven-factor test).												
L	Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed to be included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.												
M	Percentage of Total Plant Allocators are developed separately for the Upper Great Plains Region and Rocky Mountain Region to allocate O&M, A&G, and Depreciation Expenses between Transmission and Generation.												
N	Western does not have Common Plant.												
O	Debt cost rate = long-term interest (line 21) / long term debt (line 22). The Proprietary Capital Cost rate is implicit, a residual calculation after TIER is determined. TIER will be supported in the filing and no change in TIER may be made absent a filing with the ISO and the FERC, if the entity is under FERC's jurisdiction.												
P	Line 29 must equal zero since all short-term power sales must be unbundled and the transmission component reflected in Account No. 456 and all other uses are to be included in the divisor.												
Q	Includes income related only to transmission facilities, such as pole attachments, rentals and special use.												
R	The revenues credited on page 1 lines 2-5 shall include only the amounts received directly reflecting the Transmission Owner's integrated transmission facilities. They do not include revenues associated with FERC annual charges, gross receipts taxes, facilities not included in this template (e.g., direct assignment facilities and GSUs) which are not recovered under this Revenue Requirement Template.												

Basin Electric's  
2012 Actual  
Revenue Requirement Template

Revenue Requirement Worksheet  
Estimated RUS Form 12 Data  
BASIN ELECTRIC POWER COOPERATIVE

Average for the twelve months ended 12/31/2012

Page 1

Line  
No.

1 **GROSS REVENUE REQUIREMENT (page 3, line 28)**  
(MBPP West Excluded - 1-.065997)

**Total  
Transmission**  
**\$ 79,641,704**

IS Transmission	West (MBPP) Transmission	Other Transmission
\$ 48,209,489	\$ 7,109,714 6,640,494	\$ 24,322,499

REVENUE CREDITS

Total	Allocator
-------	-----------

2 Third Party Receipts TP 1.00000

3

4 Third Party Payments TP 1.00000

5 (line 2 + 4)

6 **NET REVENUE REQUIREMENT** (line 1+ 5 )

\$ (350,472)	\$ -	\$ -
--------------	------	------

\$ 97,532		
\$ (252,940)	\$ -	\$ -

<b>\$ 47,956,549</b>	<b>\$ 469,220</b>	<b>\$ 24,322,499</b>
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7 **TOTAL REVENUE REQUIREMENT WITH MBPP EAST**

**\$ 48,425,769**

Revenue Requirement Worksheet  
Estimated RUS form 12 Data  
BASIN ELECTRIC POWER COOPERATIVE

Average for the twelve months ended 12/31/2012

Page 2

(1)		(2)	(3)	(4)	(5)	(4a)				(6)	(7)	(8)
		Worksheets		Allocator A	Total Trans	Allocator B				IS Transmission	West (MBPP) Transmission	Other Transmission
GROSS PLANT IN SERVICE (Note A)												
1	Production (Note A)	Worksheet 1, L.1, C. d	3,555,800,452	NA	0.000%	-	NA	0.000%				
2	Transmission (Note B)	Worksheet 1, L.2. C.d	709,997,514	DA	100.000%	709,997,514	DA	100.000%		423,655,055	91,433,198	194,909,261
3	Distribution		-	NA	0.000%	-	NA	0.000%		-	-	-
4	General	Worksheet 1, L.3.C. d	150,281,946									
4a	Direct Assign - Transmission (Note C)		35,594,161	DA	100.000%	35,594,161	DA	100.000%		24,837,389	3,318,084	7,438,688
4b	Direct Assign - Production		45,757,591	NA	0.000%	-	NA	0.000%		-	-	-
4c	Other		68,930,194	WS	10.184%	7,019,826	GP	Gross Plant	GP1	4,188,726	904,010	1,927,090
5	Intangible	Worksheet 1, L.4. C. d	78,163,716	DA	100.000%	69,217,960	DA	100.000%		32,238,311	2,617,629	34,362,020
6	TOTAL GROSS PLANT (sum lines 1,2,4,5)	Worksheet 1, L. 5. C.d	\$ 4,494,243,628			\$ 821,829,461				\$ 484,919,480	\$ 98,272,922	\$ 238,637,059
				GP			GP	Gross Plant	GP1	59.670%	12.878%	27.452%
ACCUMULATED DEPRECIATION												
7	Production	Worksheet 1, L.6. C. d	1,152,022,721	NA	0.000%	-	NA	0.000%		-	-	-
8	Transmission	Worksheet 1, L. 7. C. d	290,490,082	DA	100.000%	290,490,082	DA	100.000%		196,293,887	54,280,548	39,915,647
9	Distribution		-	NA	0.000%	-	NA	0.000%		-	-	-
10	General	Worksheet 1, L. 8. C. d	107,539,122									
10a	Direct Assign - Transmission		23,800,905	DA	100.000%	23,800,905	DA	100.000%		18,400,135	2,850,114	2,550,657
10b	Direct Assign - Production		34,325,071	NA	0.000%	-	NA	0.000%		-	-	-
10c	Other		49,413,146	WS	10.184%	5,032,217	GP	Gross Plant	GP1	3,002,721	648,047	1,381,450
11	Intangible	Worksheet 1, L. 9. C. d	50,475,156	DA	100.000%	46,690,616	DA	100.000%		22,557,745	1,985,003	22,147,869
12	TOTAL ACCUM. DEPR (sum lines 7,8,10,11)	Worksheet 1, L. 10. C. d	\$ 1,600,527,081			\$ 366,013,821				\$ 240,254,487	\$ 59,763,711	\$ 65,995,623
NET PLANT IN SERVICE												
13	Production	(line 1- line 7)	2,403,777,730	AUTO		-	AUTO			-	-	-
14	Transmission	(line 2- line 8)	419,507,432	AUTO		419,507,432	AUTO			227,361,168	37,152,650	154,993,614
15	Distribution	(line 3 - line 9)	-	AUTO		-	AUTO			-	-	-
16	General	(line 4 - line 10)	42,742,824	AUTO		-	AUTO			-	-	-
16a	Direct Assign	(line 4a - line 10a)	11,793,256	AUTO		11,793,256	AUTO			6,437,254	467,970	4,888,031
16b	Production	(line 4b - line 10b)	11,432,520	AUTO		-	AUTO			-	-	-
16c	Other	(line 4c - line 10c)	19,517,048	AUTO		1,987,609	AUTO			1,186,005	255,964	545,641
17	Intangible	(line 5 - line 11)	27,688,561	AUTO		22,527,344	AUTO			9,680,566	632,626	12,214,151
18	TOTAL NET PLANT (sum lines 13, 14, 16, 17)		\$ 2,893,716,547			\$ 455,815,640				\$ 244,664,993	\$ 38,509,210	\$ 172,641,437
WORKING CAPITAL												
19	CWC (Note D)	one eighth of line 9, page 3	10,355,376	DA	100.000%	4,069,515	DA	100.000%		2,764,894	408,861	895,761
20	Materials & Supplies Transmission	Estimate based on 2010 actual	7,382,624	GP	100.000%	7,382,624	GP	Gross Plant	GP1	4,405,207	950,731	2,026,686
21	Prepayments (Note D)		-	GP	Gross Plant	-	GP	Gross Plant	GP1	-	-	-
22	TOTAL WORKING CAPITAL (sum lines 19-21)		\$ 17,738,000			\$ 11,452,139				\$ 7,170,101	\$ 1,359,592	\$ 2,922,446
23	Rate Base		\$ 2,911,454,547			\$ 467,267,780				\$ 251,835,094	\$ 39,868,802	\$ 175,563,883

Revenue Requirement Worksheet  
Estimated RUS form 12 Data  
BASIN ELECTRIC POWER COOPERATIVE

Average for the twelve months ended 12/31/2012

Page 3

	(1)	(2)	(3)	(4)	(5)	(4a)	(6)	(7)	(8)		
Line No.		Reference	Company Total	Allocator A	Total Transmission	Allocator B	IS Transmission	West (MBPP) Transmission	Other Transmission		
O&M											
1	Transmission less Account 565	12i, L18. Less L.8.	26,129,457								
2	Direct Assignment (Note E)	Accounting Records	13,020,158	DA	100.000%	13,020,158	DA	100.000%	9,439,013	2,285,297	1,295,848
3	Other	Accounting Records	13,109,300	TPW	100.000%	13,109,300	TPW	(page 4) GP2	8,945,937	-	4,163,363
4	A&G	12a, Section A, L.13.C.b.	56,713,549			-					
5	Less Regulatory Fees (Note F)	Accounting Records	155,664	NA	0.000%	-	NA	0.000%	-	-	-
6	Production	Accounting Records	2,423,734	NA	0.000%	-	NA	0.000%	-	-	-
7	Transmission (Note G)	Accounting Records	1,017,257	DA		1,017,257	DA	100.000%	29,295	985,588	2,373
8	Headquarters		53,116,895	WS	10.184%	5,409,406	GP	Gross Plant GP2	3,704,905	-	1,704,501
9	TOTAL O&M (sum lines 1 and 4)		\$ 82,843,006			\$ 32,556,121			\$ 22,119,150	\$ 3,270,885	\$ 7,166,085
DEPRECIATION & AMORTIZATION EXPENSE											
10	Depreciation and Amortization Expense	Accounting Records	106,188,066								
11	Transmission	Accounting Records	12,804,877	DA	100.000%	12,804,877	DA	100.000%	6,675,407	1,181,261	4,948,209
12	Production	Accounting Records	82,259,352	NA	0.000%		NA	0.000%	-	-	-
13	General Plant	Accounting Records	8,853,261	NA	0.000%		NA	0.000%	-	-	-
14	Transmission	Accounting Records	1,692,075	DA	100.000%	1,692,075	DA	100.000%	981,149	156,341	554,585
15	Production	Accounting Records	3,909,409	NA	0.000%	-	NA	0.000%	-	-	-
16	Other General Plant		3,251,777	WS	10.184%	331,160	GP	Gross Plant GP1	197,603	42,647	90,910
17	Other Amortization		2,270,577	DA	100.000%	1,930,340	DA	100.000%	934,373	65,397	930,569
18	TOTAL (Sum lines 10,13,17)		\$ 106,188,066			\$ 16,758,452			\$ 8,788,532	\$ 1,445,646	\$ 6,524,273
TAXES OTHER THAN INCOME TAXES											
19	PLANT RELATED										
20	Property total										
21	Tax Reclassification	Accounting Records	2,278,696	NA	0.000%	-	NA	0.000%	-	\$ -	-
22	Gross Receipts (Note I)		2,278,696	DA	100.000%	2,278,696	DA	Estimated	2,185,035	-	93,661
23	Production		-	NA	0.000%	-	NA	0.000%	-	-	-
24	TOTAL OTHER TAXES		\$ 2,278,696			\$ 2,278,696			\$ 2,185,035	\$ -	\$ 93,661
25	TOTAL OPERATING EXPENSES (Sum 9+18+24)		\$ 191,309,768			\$ 51,593,269			\$ 33,092,718	\$ 4,716,531	\$ 13,784,019
26	Return (page 2, line 23, column 3 * wcc)	WCC	\$ 214,068,415	WCC	Rate Base	\$ 28,048,435	WCC	Rate Base	\$ 15,116,771	\$ 2,393,183	\$ 10,538,480
27	REV. REQUIREMENT (sum lines 25+26)		\$ 416,178,625			\$ 79,641,704			\$ 48,209,489	\$ 7,109,714	\$ 24,322,499

Revenue Requirement Worksheet  
Estimated RUS Form 12 Data  
BASIN ELECTRIC POWER COOPERATIVE

Average for the twelve months ended 12/31/2012

Page 4

A & G Allocation

WAGES AND SALARY ALLOCATOR (W/S)

Line No.	(1) From Accounting Report	(2)	(3) TOTAL	(4) Allocator	(5) Percent			(6) IS Transmission	(7) West (MBPP) Transmission	(8) Other Transmission	
1	Production	Accounting Records	51,365,483								
2	Transmission-East	Accounting Records	213,769								
3	Transmission-West	Accounting Records	457,592	WS	Trans % of total wages	10.184%	Gross Plant	GP1	59.670%	12.878%	27.452%
4	Transmission-Allocated	Accounting Records	5,152,813								
5	Distribution		-	TPW	Trans % excluding West		Note H	GP2	68.490%	0.000%	31.510%
6	Other Transmission		-								
7	Total Wages and Salaries (sum lines 1-6) (exclude adm)		\$57,189,658								

Note J	Weighted Cost of Capital				Weighted
			Percent	Rate	cost
Wksht #1	LTD	3,537,285,452	76.06%	4.48%	3.41%
Wksht #1	Equity	1,113,318,613	23.94%	10.85%	2.60%
		4,650,604,065	100.00%		6.00%

Note

- A Line 1, page 2 excludes \$1,055,780 and is included in line 2, page 2. Line 2 also includes \$2,825,409 transmission acquisition adjustment. Accumulated Depreciation for 214,908 associated with the \$1,055,780 is excluded in line 7 and added to line 8
- B Transmission lease for \$40,270,827 is excluded from transmission plant investment.
- C General Plant directly assigned to transmission includes the transmission maintenance buildings and microwave assigned to transmission.
- D Cash working capital assigned to transmission is one eighth of O&M allocated to transmission on page 3, line 9, column 6-8  
Prepayments are the electric related prepayments booked to Account No. 165 and reported on Section B, line 24, on the RUS 12 form.
- E Includes Lease payments of \$3,859,923 for member facilities in the IS system and O&M that is charged to specific lines or substations.
- F Line 5 - Regulatory Commission expenses directly related to transmission service, ISO filings, or transmission sitings.
- G A&G costs directly allocated to MBPP - Costs split between MBPP Production and MBPP Transmission based on MBPP gross plant.  
Includes OASIS costs for West Side and Common Use System plus legal fees for transmission.
- H West ( MBPP) plant investment on page 2, line, column 7 is excluded in the percentage calculations on page 4, GP2 for A&G and transmission O&M allocation as these are directly allocated to MBPP through the project billing.
- I SD Gross receipts taxes paid in lieu of property with a portion directly assigned to Common Use System (CUS).  
Payroll taxes are included in the RUS 500 series of accounts along with the labor costs. ND Trans Line tax is included in O&M, line 2.
- J Equity percent as a percent of total long term debt plus current portion of long term debt plus equity.



# Basin Electric's 2012 Estimated Revenue Requirement Template

## Page 1

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Revenue Requirement Worksheet  
Estimated RUS form 12 Data  
BASIN ELECTRIC POWER COOPERATIVE

Projections for 2012

Page 2

	(1)	(2)	(3)	(4)	(5)	(4a)	(6)	(7)	(8)
		Worksheets		Allocator A	Total Trans	Allocator B	IS Transmission	West (MBPP) Transmission	Other Transmission
GROSS PLANT IN SERVICE (Note A)									
1	Production	Worksheet 1, L.1, C. d	4,013,343,130	NA	0.000%	-	NA	0.000%	
2	Transmission	Worksheet 1, L.2. C.d	717,350,000	DA	100.000%	717,350,000	DA	100.000%	428,840,769
3	Distribution		-	NA	0.000%	-	NA	0.000%	93,581,195
4	General	Worksheet 1, L.3.C. d	147,772,000						194,928,036
4a	Direct Assign - Transmission (Note B)		41,377,662	DA	100.000%	41,377,662	DA	100.000%	
4b	Direct Assign - Production		38,388,859	NA	0.000%	-	NA	0.000%	3,182,935
4c	Other		68,005,479	WS	9.435%	6,416,317	GP	Gross Plant	1,743,506
5	Intangible	Worksheet 1, L.4. C. d	73,332,740	DA	100.000%	69,082,416	DA	100.000%	34,362,020
6	TOTAL GROSS PLANT (sum lines 1,2,4,5)	Worksheet 1, L. 5. C.d	\$ 4,951,797,870		\$ 834,226,395		\$ 498,844,608	\$ 101,165,267	\$ 234,216,497
				GP		GP	Gross Plant	GP1	59.781%
									13.045%
									27.173%
ACCUMULATED DEPRECIATION									
7	Production	Worksheet 1, L.6. C. d	1,211,981,268	NA	0.000%	-	NA	0.000%	-
8	Transmission	Worksheet 1, L. 7. C. d	292,977,227	DA	100.000%	292,977,227	DA	100.000%	189,770,889
9	Distribution		-	NA	0.000%	-	NA	0.000%	53,267,500
10	General	Worksheet 1, L. 8. C. d	113,279,662						49,938,838
10a	Direct Assign - Transmission		22,493,164	DA	100.000%	28,760,846	DA	100.000%	
10b	Direct Assign - Production		37,529,692	NA	0.000%	-	NA	0.000%	2,276,524
10c	Other		53,256,806	WS	9.435%	5,024,780	GP	Gross Plant	1,365,383
11	Intangible	Worksheet 1, L. 9. C. d	50,451,514	DA	100.000%	49,451,514	DA	100.000%	24,963,725
12	TOTAL ACCUM. DEPR (sum lines 7,8,10,11)	Worksheet 1, L. 10. C. d	\$ 1,668,689,671		\$ 376,214,367		\$ 238,591,685	\$ 59,078,162	\$ 78,544,470
NET PLANT IN SERVICE									
13	Production	(line 1- line 7)	2,801,361,862	AUTO	-	AUTO	-	-	-
14	Transmission	(line 2- line 8)	424,372,773	AUTO	424,372,773	AUTO	239,069,880	40,313,695	144,989,198
15	Distribution	(line 3 - line 9)	-	AUTO	-	AUTO	-	-	-
16	General	(line 4 - line 10)	34,492,338	AUTO	-	AUTO	-	-	-
16a	Direct Assign	(line 4a - line 10a)	18,884,498	AUTO	12,616,816	AUTO	10,783,871	926,534	906,411
16b	Production	(line 4b - line 10b)	859,167	AUTO	-	AUTO	-	-	-
16c	Other	(line 4c - line 10c)	14,748,673	AUTO	1,391,537	AUTO	831,890	181,551	378,123
17	Intangible	(line 5 - line 11)	22,881,226	AUTO	19,630,902	AUTO	9,567,282	665,325	9,398,295
18	TOTAL NET PLANT (sum lines 13, 14, 16, 17)		\$ 3,283,108,199		\$ 458,012,028		\$ 260,252,923	\$ 42,087,105	\$ 155,672,027
WORKING CAPITAL									
19	CWC (Note C)	one eighth of line 9, page 3	10,542,656	DA	100.000%	4,418,062	DA	100.000%	965,649
20	Materials & Supplies Transmission	Estimate based on 2010 actual	6,000,000	GP	100.000%	6,000,000	GP	Gross Plant	1,630,380
21	Prepayments (Note C)		-	GP	Gross Plant	-	GP	Gross Plant	-
22	TOTAL WORKING CAPITAL (sum lines 19-21)		\$ 16,542,656		\$ 10,418,062		\$ 6,412,871	\$ 1,409,094	\$ 2,596,029
23	Rate Base		\$ 3,299,650,855		\$ 468,430,090		\$ 266,665,794	\$ 43,496,199	\$ 158,268,056

Revenue Requirement Worksheet  
Estimated RUS form 12 Data  
BASIN ELECTRIC POWER COOPERATIVE

Projections for 2012

Page 3

	(1)	(2)	(3)	(4)	(5)	(4a)	(6)	(7)	(8)
Line No.		Reference	Company Total	Allocator A	Transmission	Allocator B	IS	West (MBPP)	Other
							Transmission	Transmission	Transmission
O&M									
1	Transmission less Account 565	Expense Worksheet #3, L 7&16. C.b	27,776,538						
2	Direct Assignment (Note D)	Accounting Records	13,717,510	DA	100.000%		9,048,447	3,559,871	1,109,192
3	Other	Accounting Records	14,059,028	TPW	100.000%		9,665,582	-	4,393,446
4	A&G	Expense Worksheet #3, L.11. C.b	56,564,713		-				
5	Less Regulatory Fees (Note E)	Accounting Records	250,000	NA	0.000%		0.000%		
6	Production	Accounting Records	2,287,130	NA	0.000%		0.000%		
7	Transmission (Note F)	Accounting Records	1,476,226	DA			252,362	656,614	567,250
8	Headquarters		52,551,357	WS	6,091,731		3,641,698	794,666	1,655,306
9	TOTAL O&M (sum lines 1 and 4)		\$ 84,341,251		\$ 35,344,495		\$ 22,608,089	\$ 5,011,151	\$ 7,725,194
DEPRECIATION & AMORTIZATION EXPENSE									
10	Depreciation and Amortization Expense	Accounting Records	101,546,619						
11	Transmission	Accounting Records	12,818,123	DA	100.000%		6,648,272	1,260,547	4,909,304
12	Production	Accounting Records	88,728,496	NA	0.000%		0.000%		
13	General Plant	Accounting Records	11,994,667	NA	0.000%		0.000%		
14	Transmission	Accounting Records	1,829,606	DA	100.000%		1,561,106	187,761	80,739
15	Production	Accounting Records	6,500,000	NA	0.000%		0.000%		
16	Other General Plant		3,665,061	WS	345,799		206,722	45,109	93,964
17	Other Amortization		1,927,673	DA	1,899,262		903,295	65,397	930,570
18	TOTAL (Sum lines 10,13,17)	Expense Worksheet #3, L.20. C.b	\$ 115,468,959		\$ 16,892,790		\$ 9,319,395	\$ 1,558,814	\$ 6,014,577
TAXES OTHER THAN INCOME TAXES									
19	PLANT RELATED								
20	Property total								
21	Tax Reclassification	Accounting Records		NA	0.000%		0.000%		
22	Gross Receipts (Note G)	Estimated	2,300,000	DA	2,300,000		2,100,000	-	200,000
23	Production			NA	0.000%		-	-	-
24	TOTAL OTHER TAXES		\$ 2,300,000		\$ 2,300,000		\$ 2,100,000	\$ -	\$ 200,000
25	TOTAL OPERATING EXPENSES (Sum 9+18+24)		\$ 202,110,210		\$ 54,537,285		\$ 34,027,484	\$ 6,569,965	\$ 13,939,771
26	Return (page 2, line 23, column 3 * wcc)	WCC	\$ 214,147,340	WCC	Rate Base	WCC	Rate Base	\$ 17,306,610	\$ 2,822,903
27	REV. REQUIREMENT (sum lines 25+26)		\$ 416,257,550		\$ 84,938,398		\$ 51,334,094	\$ 9,392,868	\$ 24,211,368

Revenue Requirement Worksheet  
Estimated RUS Form 12 Data  
BASIN ELECTRIC POWER COOPERATIVE

Projections for 2012

Page 4

A & G Allocation

WAGES AND SALARY ALLOCATOR (W/S)

		(1)	(2)	(3)	(4)	(5)			(6)	(7)	(8)	
Line #		From Accounting Report		TOTAL	Allocator	Percent			IS Transmission	West (MBPP) Transmission	Other Transmission	
1	Production	Accounting Records		50,196,392					\$223,234	\$457,562	\$194,928,036	
2	Transmission-East	Accounting Records		223,234								
3	Transmission-West	Accounting Records		457,562	WS	Trans % of total wages	9.435%	Gross Plant	GP1	59.781%	13.045%	27.173%
4	Transmission-Allocated	Accounting Records		4,548,485								
5	Distribution			-	TPW	Trans % excluding West			GP2	68.750%	0.000%	31.250%
6	Other Transmission			-								
7	Total Wages and Salaries (sum lines 1-6) (exclude adm)			\$55,425,673								

Transmission Wage and Salary Dollar Split

8	IS transmission Plant (p.2.c.6.L.2)	428,840,769
9	West (MBPP) Transmission Plant (p.2.c.7.L2)	93,581,195
10	Other transmission Plant (p.2.c.8.L.2)	194,928,036
11		\$717,350,000

Note I	Weighted Cost of Capital				Weighted cost
			Percent	Rate	
Wksht #1	LTD	3,017,075,000	74.57%	5.00%	3.73%
Wksht #1	Equity	1,028,845,000	25.43%	10.85%	2.76%
		4,045,920,000	100.00%		6.49%
GP2					

12	68.750%
13	31.250%
14	100.000%

GP2

- A RUS form 12h plus new investment averaged over 13 months.
- B General Plant directly assigned to transmission includes the transmission maintenance buildings and microwave assigned to transmission.
- C Cash working capital assigned to transmission is one eighth of O&M allocated to transmission on page 3 , line 9, column 6-8.  
Prepayments are the electric related prepayments booked to Account No. 165 and reported on Section B, line 24, in the RUS 12.
- D Includes Lease payments of \$4,140,536.94 for member facilities in the IS system and O&M that is charged to specific lines or substations.
- E Line 5 - Regulatory Commission expenses directly related to transmission service, ISO filings, or transmission sitings.
- F A&G costs directly allocated to MBPP - Costs split between MBPP Production and MBPP Transmission based on MBPP Wages.  
Includes OASIS costs for West Side and Common Use System plus A&G costs allocated to MBPP Transmission.
- G SD Gross receipts taxes paid in lieu of property with a portion directly assigned to other transmission.  
Payroll taxes are included in the RUS 500 series of accounts along with the labor costs. ND Trans Line tax is included in O&M, line 2.
- H West (MBPP) plant (93,581,195) is excluded in the percentage calculations on line 12 and 13 as costs for transmission and A&G are directly allocated to MBPP.
- I Equity percent as a percent of total estimated long term debt plus current portion of long term debt plus equity.

# Heartland's 2012 Actual Revenue Requirement Template

Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Annual Transmission Revenue Requirement  
True Up to Actual  
Heartland Consumers Power District

For the 12 months ending 12/31/2012

Line No.					Allocated Amount
1	GROSS REVENUE REQUIREMENT (page 3, line 29)				\$ 837,734
	REVENUE CREDITS	(Note P)	Total	Allocator	
2	Account No. 454	(page 4, line 30)	24,843	TP 0.52127	\$12,950
3	Account No. 456.1	(page 4, line 33)	0	TP 0.52127	0
4	Revenue From Existing Transmission Agreements		0	NA 1.00000	0
5	Transmission Service Credits		0	NA 1.00000	0
6	TOTAL REVENUE CREDITS				12,950
	NET REVENUE REQUIREMENT	(line 1 minus line 6)			\$ 824,784

Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Annual Transmission Revenue Requirement

For the 12 months ending 12/31/2012

Heartland Consumers Power District

Line No.	(1) RATE BASE	(2) Reference	(3) Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)
	GROSS PLANT IN SERVICE				
1	Production	Schedule A	42,255,648	NA	
2	Transmission	Schedule A	14,575,880	TP 0.52127	7,597,969
3	Distribution		0	NA	
4	General & Intangible	Schedule A	6,596,450	W/S 0.06760	445,920
5	Common		0	CE 0.06760	0
6	TOTAL GROSS PLANT (sum lines 1-5)		63,427,978	GP= 12 682%	8,043,889
	ACCUMULATED DEPRECIATION				
7	Production	Schedule A	31,413,560	NA	
8	Transmission	Schedule A	11,289,695	TP 0.52127	5,884,979
9	Distribution		0	NA	
10	General & Intangible	Schedule A	2,784,453	W/S 0.06760	188,229
11	Common		0	CE 0.06760	0
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)		45,487,708		6,073,208
	NET PLANT N SERVICE				
13	Production	(line 1 - line 7)	10,842,088		
14	Transmission	(line 2 - line 8)	3,286,185		1,712,990
15	Distribution	(line 3 - line 9)	0		
16	General & Intangible	(line 4 - line 10)	3,811,997		257,691
17	Common	(line 5 - line 11)	0		0
18	TOTAL NET PLANT (sum lines 13-17)		17,940,270	NP= 10 985%	1,970,681
	ADJUSTMENTS TO RATE BASE (Note A)				
19	Account No. 281 (enter negative)		0	zero	0
20	Account No. 282 (enter negative)		0	NP 0.10985	0
21	Account No. 283 (enter negative)		0	NP 0.10985	0
22	Account No. 190		0	NP 0.10985	0
23	Account No. 255 (enter negative)		0	NP 0.10985	0
24	TOTAL ADJUSTMENTS (sum lines 19 - 23)		0		0
25	LAND HELD FOR FUTURE USE (Note B)		0	TP 0.52127	0
	WORKING CAPITAL (Note C)				
26	CWC		496,242		53,442
27	Materials & Supplies (Note B)		0	TE 1.00000	0
28	Prepayments		342,634	GP 0.12682	43,453
29	TOTAL WORKING CAPITAL (sum lines 26 - 28)		838,876		96,895
30	RATE BASE (sum lines 18, 24, 25, and 29)		18,779,146		2,067,576



Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Annual Transmission Revenue Requirement

For the 12 months ending 12/31/2012

Heartland Consumers Power District

Line No.	(1)	(2)	(3)	(4)	(5)
		Reference	Company Total	Allocator	Transmission (Col 3 times Col 4)
	O&M				
1	Transmission	Schedule A	223,785	TE 1.00000	223,785
1a	Less LSE Expenses included in Transmission O&M Accounts (Note D)		0	1.00000	0
2	Less Account 565		53,080	NA 1.00000	53,080
3	A&G (Note G)	Schedule A	3,799,231	W/S 0.06760	256,828
4	Less FERC Annual Fees		0	W/S 0.06760	0
5	Less EPRI & Reg. Comm. Exp. & Non-safety Ad(Note E)		0	W/S 0.06760	0
5a	Plus Transmission Related Reg. Comm. Exp. (Note E)		0	TE 1.00000	0
6	Common		0	CE 0.06760	0
7	Transmission Lease Payments		0	NA 1.00000	0
8	TOTAL O&M (sum lines 1, 3, 5a, 6, 7 less 2, 4, 5)		3,969,936		427,533
	DEPRECIATION EXPENSE				
9	Transmission		383,100	TP 0.52127	199,699
10	General		161,541	W/S 0.06760	10,920
11	Common		0	CE 0.06760	0
12	TOTAL DEPRECIATION (Sum lines 9 - 11)		544,641		210,619
	TAXES OTHER THAN INCOME TAXES (Note F)				
	LABOR RELATED				
13	Payroll		94,196	W/S 0.06760	6,368
14	Highway and vehicle		0	W/S 0.06760	0
	PLANT RELATED				
16	Property		264,916	GP 0.12682	33,597
17	Gross Receipts		0	NA zero	0
18	Other		0	GP 0.12682	0
19	Payments in lieu of taxes		0	GP 0.12682	0
20	TOTAL OTHER TAXES (sum lines 13 - 19)		359,112		39,965
	INCOME TAXES (Note G)			NA	
21	$T = 1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$		0.00%		
22	$CIT = (T / (1 - T)) * (1 - (WCLTD / R)) =$		0.00%		
	where WCLTD=(page 4, line 27) and R=(page 4, line 30)				
	and FIT, SIT & p are as given in footnote G.				
23	$1 / (1 - T) =$ (from line 21)		0.0000		
24	Amortized Investment Tax Credit (enter negative)		0		
25	Income Tax Calculation = line 22 * line 28		0	NA	0
26	ITC adjustment (line 23 * line 24)		0	NP 0.10985	0
27	Total Income Taxes (line 25 plus line 26)		0		0
28	RETURN [Rate Base (page 2, line 30) * Rate of Return (page 4, line 24)]		1,449,750	NA	159,617
29	REV. REQUIREMENT (sum lines 8, 12, 20, 27, 28)		6,323,439		837,734

Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Annual Transmission Revenue Requirement  
Heartland Consumers Power District

For the 12 months ending 12/31/2012

Line  
No.

## SUPPORTING CALCULATIONS AND NOTES

## TRANSMISSION PLANT INCLUDED IN IS RATES

1	Total transmission plant (page 2, line 2, column 3)	14,575,880
2	Less transmission plant excluded from IS rates (Note H)	6,752,305
3	Less transmission plant included in OATT Ancillary Services (Note I)	225,659
4	Transmission plant included in IS rates (line 1 less lines 2 & 3)	7,597,916
5	Percentage of transmission plant included in IS Rates (line 4 divided by line 1)	TP= 0.52127

## TRANSMISSION EXPENSES

6	Total transmission expenses (page 3, line 1, column 3)	223,785
7	Less transmission expenses included in OATT Ancillary Services (Note J)	0
8	Included transmission expenses (line 7 less line 6)	223,785
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)	1.00000
10	Percentage of transmission plant included in IS Rates (line 5)	TP 0.52127
11	Percentage of transmission expenses included in IS Rates (Note K)	TE= 1.00000

## WAGES &amp; SALARY ALLOCATOR (W&amp;S)

	\$	TP	Allocation	
12	Production	1,169,580	0.00	0
13	Transmission	174,765	0.52	90,878
14	Distribution	0	0.00	0
15	Other	0	0.00	0
16	Total (sum lines 12-15)	1,344,345	90,878	= 0.06760 = W/S

## COMMON PLANT ALLOCATOR (CE) (Note L)

	\$	% Electric (line 17 / line 20)	Labor Ratio (line 16)	CE
17	Electric	63,427,978	1.00000	*
18	Gas	0	0.06760	=
19	Water	0		0.06760
20	Total (sum lines 17-19)	63,427,978		

## RETURN (R)

21	Long Term Interest	Schedule A.3	\$2,192,093
----	--------------------	--------------	-------------

	\$	%	Cost (Note M)	Weighted
22	Long Term Debt	Schedule A.3	32,711,945	82%
23	Proprietary Capital	Schedule A.3	7,025,957	18%
24	Total (sum lines 22, 23)	39,737,902	100%	

Proprietary Capital Cost Rate = 12.38%  
TER = 1.15

## REVENUE CREDITS

	Load
ACCOUNT 447 (SALES FOR RESALE)	
27 a. Bundled Non-RQ Sales for Resale (Note N)	0
28 b. Bundled Sales for Resale included in Divisor on page 1	0
29 Total of (a)-(b)	0

30	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note O)	\$24,843
----	--	----------

## ACCOUNT 456.1 (OTHER ELECTRIC REVENUES)

31	a. Transmission charges for all transmission transactions	\$0
32	b. Transmission charges for all transmission transactions included in Divisor on page 1	\$0
33	Total of (a)-(b)	\$0

Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Annual Transmission Revenue Requirement

For the 12 months ending 12/31/2012

Heartland Consumers Power District

General Note: References to pages in this revenue requirement template are indicated as: (page#, line#, col.#)

Note  
Letter

- A Does not apply to Heartland. For others, balances in Accounts 190, 281, 282 and 283, as adjusted by any amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106 or 109. Balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note K. Account 281 is not allocated.
- B Transmission related only.
- C Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission at page 3, line 8, column 5. Prepayments are the electric related prepayments booked to Account No. 165 as shown on Schedule I of EIA Form 412.
- D Account Nos. 561.4, 561.8, and 575.7 consist of RTO expenses billed to load-serving entities and are not included in Transmission Owner revenue requirements.
- E Line 5 - EPRI Annual Membership Dues, all Regulatory Commission Expenses, and non-safety related advertising.  
Line 5a - Regulatory Commission Expenses directly related to transmission service, ISO filings or transmission siting.
- F Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year. Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
- G Heartland is not subject to Federal or State Income Tax  
Inputs Required: FIT = 0.00% (Federal Income Tax Rate)  
SIT = 0.00% (State Income Tax Rate or Composite SIT)  
p = 0.00% (percent of federal income tax deductible for state purposes)
- H Removes transmission plant determined to be state-jurisdictional by Commission order according to the seven-factor test (until EIA 412 balances are adjusted to reflect application of seven-factor test).
- I Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed to be included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- J Removes dollar amount of transmission expenses included in the OATT ancillary services rates, including Account Nos. 561.1, 561.2, 561.3, and 561 BA.
- K All O&M expense included in Page 3 line 1 column 3 is associated with transmission plant in IS rates. The O&M expense for non-qualifying facilities (Page 4 lines 2,3) is the responsibility of others.
- L Heartland has no common plant.
- M Debt cost rate = long-term interest (line 21) / long term debt (line 22). The Proprietary Capital Cost rate is implicit, a residual calculation after T ER is determined. TIER will be supported in the filing and no change in T ER may be made absent a filing with the ISO and the FERC, if the entity is under FERC's jurisdiction.
- N Line 29 must equal zero since all short-term power sales must be unbundled and the transmission component reflected in Account No. 456.1 and all other uses are to be included in the divisor.
- O Includes income related only to transmission facilities, such as pole attachments, rentals and special use.
- P The revenues credited on page 1 lines 2-5 shall include only the amounts received directly (in the case of grandfathered agreements) or from the IS (for service under this tariff) reflecting the Transmission Owner's integrated transmission facilities. They do not include revenues associated with FERC annual charges, gross receipts taxes, ancillary services, facilities not included in this template (e.g., direct assignment facilities and GSUs) which are not recovered under this Rate Formula Template.

# Heartland's 2012 Estimated Revenue Requirement Template

Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Annual Transmission Revenue Requirement

For the 12 months ending 12/31/2012

Heartland Consumers Power District

Line No.					Allocated Amount
1	GROSS REVENUE REQUIREMENT	(page 3, line 29)			\$ 902,232
	REVENUE CREDITS	(Note P)	Total	Allocator	
2	Account No. 454	(page 4, line 30)	24,738	TP 0.53801	\$13,309
3	Account No. 456.1	(page 4, line 33)	0	TP 0.53801	0
4	Revenue From Existing Transmission Agreements		0	NA 1.00000	0
5	Transmission Service Credits		0	NA 1.00000	0
6	TOTAL REVENUE CREDITS				13,309
	NET REVENUE REQUIREMENT	(line 1 minus line 6)			\$ 888,923

Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Annual Transmission Revenue Requirement

For the 12 months ending 12/31/2012

Heartland Consumers Power District

Line No.	(1) RATE BASE	(2) Reference	(3) Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)
	GROSS PLANT IN SERVICE				
1	Production	Schedule A	43,687,899	NA	
2	Transmission	Schedule A	15,104,251	TP 0.53801	8,126,238
3	Distribution		0	NA	
4	General & Intangible	Schedule A	6,598,559	W/S 0.07020	463,219
5	Common		0	CE 0.07020	0
6	TOTAL GROSS PLANT (sum lines 1-5)		65,390,709	GP= 13.136%	8,589,457
	ACCUMULATED DEPRECIATION				
7	Production	Schedule A	32,167,045	NA	
8	Transmission	Schedule A	11,321,887	TP 0.53801	6,091,288
9	Distribution		0	NA	
10	General & Intangible	Schedule A	2,823,742	W/S 0.07020	198,227
11	Common		0	CE 0.07020	0
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)		46,312,674		6,289,515
	NET PLANT N SERVICE				
13	Production	(line 1 - line 7)	11,520,854		
14	Transmission	(line 2 - line 8)	3,782,364		2,034,950
15	Distribution	(line 3 - line 9)	0		
16	General & Intangible	(line 4 - line 10)	3,774,817		264,992
17	Common	(line 5 - line 11)	0		0
18	TOTAL NET PLANT (sum lines 13-17)		19,078,035	NP= 12.055%	2,299,942
	ADJUSTMENTS TO RATE BASE (Note A)				
19	Account No. 281 (enter negative)		0	zero	0
20	Account No. 282 (enter negative)		0	NP 0.12055	0
21	Account No. 283 (enter negative)		0	NP 0.12055	0
22	Account No. 190		0	NP 0.12055	0
23	Account No. 255 (enter negative)		0	NP 0.12055	0
24	TOTAL ADJUSTMENTS (sum lines 19 - 23)		0		0
25	LAND HELD FOR FUTURE USE (Note B)		0	TP 0.53801	0
	WORKING CAPITAL (Note C)				
26	CWC		474,601		54,417
27	Materials & Supplies (Note B)		0	TE 1.00000	0
28	Prepayments		114,025	GP 0.13136	14,978
29	TOTAL WORKING CAPITAL (sum lines 26 - 28)		588,626		69,395
30	RATE BASE (sum lines 18, 24, 25, and 29)		19,666,661		2,369,337

## Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Annual Transmission Revenue Requirement

For the 12 months ending 12/31/2012

## Heartland Consumers Power District

	(1)	(2)	(3)	(4)	(5)	
Line No.		Reference	Company Total	Allocator	Transmission (Col 3 times Col 4)	
	O&M					
1	Transmission	Schedule A	242,995	TE	1.00000	242,995
1a	Less LSE Expenses included in Transmission O&M Accounts (Note D)		0		1.00000	0
2	Less Account 565		61,453	NA	1.00000	61,453
3	A&G (Note G)	Schedule A	3,615,268	W/S	0.07020	253,792
4	Less FERC Annual Fees		0	W/S	0.07020	0
5	Less EPRI & Reg. Comm. Exp. & Non-safety Ad(Note E)		0	W/S	0.07020	0
5a	Plus Transmission Related Reg. Comm. Exp. (Note E)		0	TE	1.00000	0
6	Common		0	CE	0.07020	0
7	Transmission Lease Payments		0	NA	1.00000	0
8	TOTAL O&M (sum lines 1, 3, 5a, 6, 7 less 2, 4, 5)		3,796,810			435,334
	DEPRECIATION EXPENSE					
9	Transmission	Schedule A	402,923	TP	0.53801	216,777
10	General	Schedule A	164,947	W/S	0.07020	11,579
11	Common		0	CE	0.07020	0
12	TOTAL DEPRECIATION (Sum lines 9 - 11)		567,870			228,356
	TAXES OTHER THAN NCOME TAXES (Note F)					
	LABOR RELATED					
13	Payroll	Schedule A	91,135	W/S	0.07020	6,398
14	Highway and vehicle		0	W/S	0.07020	0
	PLANT RELATED					
16	Property	Schedule A	174,573	GP	0.13136	22,932
17	Gross Receipts		0	NA	zero	0
18	Other		0	GP	0.13136	0
19	Payments in lieu of taxes		0	GP	0.13136	0
20	TOTAL OTHER TAXES (sum lines 13 - 19)		265,708			29,330
	NCOME TAXES (Note G)			NA		
21	T=1 - [((1 - SIT) * (1 - FIT)) / (1 - SIT * FIT * p)] =		0.00%			
22	CIT=(T/(1-T)) * (1-(WCLTD/R)) =		0.00%			
	where WCLTD=(page 4, line 27) and R= (page 4, line30)					
	and FIT, SIT & p are as given in footnote G.					
23	1 / (1 - T) = (from line 21)		0.0000			
24	Amortized Investment Tax Credit (enter negative)		0			
25	Income Tax Calculation = line 22 * line 28		0	NA		0
26	ITC adjustment (line 23 * line 24)		0	NP	0.12055	0
27	Total Income Taxes (line 25 plus line 26)		0			0
28	RETURN [ Rate Base (page 2, line 30) * Rate of Return (page 4, line 24)]		1,736,566	NA		209,212
29	REV. REQU REMENT (sum lines 8, 12,20,27,28)		6,366,954			902,232

Revenue Requirement - Non-Levelized

Revenue Requirement Template  
Annual Transmission Revenue Requirement  
Heartland Consumers Power District

For the 12 months ending 12/31/2012

Line  
No.

## SUPPORTING CALCULATIONS AND NOTES

## TRANSMISSION PLANT INCLUDED IN IS RATES

1	Total transmission plant (page 2, line 2, column 3)	15,104,251
2	Less transmission plant excluded from IS rates (Note H)	6,752,305
3	Less transmission plant included in OATT Ancillary Services (Note I)	225,678
4	Transmission plant included in IS rates (line 1 less lines 2 & 3)	8,126,268
5	Percentage of transmission plant included in IS Rates (line 4 divided by line 1)	TP= 0.53801

## TRANSMISSION EXPENSES

6	Total transmission expenses (page 3, line 1, column 3)	242,995
7	Less transmission expenses included in OATT Ancillary Services (Note J)	0
8	Included transmission expenses (line 7 less line 6)	242,995
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)	1.00000
10	Percentage of transmission plant included in IS Rates (line 5)	TP 0.53801
11	Percentage of transmission expenses included in IS Rates (Note K)	TE= 1.00000

## WAGES &amp; SALARY ALLOCATOR (W&amp;S)

	\$	TP	Allocation	
12	Production	1,102,057	0.00	0
13	Transmission	164,675	0.54	88,925
14	Distribution	0	0.00	0
15	Other	0	0.00	0
16	Total (sum lines 12-15)	1,266,732	88,925	= 0.07020 = W/S

## COMMON PLANT ALLOCATOR (CE) (Note L)

	\$	% Electric (line 17 / line 20)	Labor Ratio (line 16)	CE
17	Electric	65,390,709	1.00000	*
18	Gas	0	0.07020	=
19	Water	0		0.07020
20	Total (sum lines 17-19)	65,390,709		

## RETURN (R)

21	Long Term Interest	Schedule A	\$1,614,451
----	--------------------	------------	-------------

	\$	%	Cost (Note M)	Weighted
22	Long Term Debt	Schedule A	26,199,546	57%
23	Proprietary Capital	Schedule A	19,708,994	43%
24	Total (sum lines 22, 23)	45,908,540	100%	

Proprietary Capital Cost Rate = 12.38%  
TER = 1.43

## REVENUE CREDITS

	Load
ACCOUNT 447 (SALES FOR RESALE)	
27 a. Bundled Non-RQ Sales for Resale (Note N)	0
28 b. Bundled Sales for Resale included in Divisor on page 1	0
29 Total of (a)-(b)	0

30	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note O)	\$24,738
----	--	----------

## ACCOUNT 456.1 (OTHER ELECTRIC REVENUES)

31	a. Transmission charges for all transmission transactions	\$0
32	b. Transmission charges for all transmission transactions included in Divisor on page 1	\$0
33	Total of (a)-(b)	\$0





Missouri River Energy Services  
2012 Actual  
Revenue Requirement Template

Formula Rate - Non-Levelized  
Clean Version

Rate Formula Template  
Utilizing EIA Form 412 Data

For the 12 months ended 12/31/2012

MRES

Line No				Allocated Amount
1	GROSS REVENUE REQUIREMENT (page 3, line 31)			\$ 6,329,442
	REVENUE CREDITS	(Note T)		
2	Account No 454	(page 4, line 34)	Total 1,155,348	1,155,348
3	Account No 456 1	(page 4, line 37)	0	0
4	Revenues from Grandfathered Interzonal Transactions		0	0
5	Revenues from service provided by the ISO at a discount		0	0
6	TOTAL REVENUE CREDITS (sum lines 2-5)			1,155,348
6a	Historic Year Actual ATRR			-
6b	Historic Year Projected ATRR			-
6c	Historic Year ATRR True-Up	(line 6a - line 6b)		-
6d	Historic Year Actual Divisor			-
6e	Historic Year Projected Divisor			-
6f	Difference in Divisor	(line 6e- line 6d)		-
6g	Historic Year Projected Annual Cost (\$/kW/Yr)			-
6h	Historic Year Divisor True-Up	(line 6f * line 6g)		-
6i	Interest on Historic Year True-Up			-
7	NET REVENUE REQUIREMENT	(line 1 - line 6 + Line 6c+ line 6h+ lin		\$ 5,174,094
	DIVISOR			
8	Average of 12 coincident system peaks for requirements (RQ) service		(Note A)	646,731
9	Plus 12 CP of firm bundled sales over one year not in line 8		(Note B)	0
10	Plus 12 CP of Network Load not in line 8		(Note C)	0
11	Less 12 CP of firm P-T-P over one year (enter negative)		(Note D)	0
12	Plus Contract Demand of firm P-T-P over one year			0
13	Less Contract Demand from Grandfathered Interzonal transactions over one year (enter negative) (Note S)			0
14	Less 12 CP or Contract Demands from service over one year provided by ISO at a discount (enter negative)			0
15	Divisor (sum lines 8-14)			646,731
16	Annual Cost (\$/kW/Yr)	(line 7 / line 15)	8 000	
17	Network & P-to-P Rate (\$/kW/Mo) (line 11 / 12)		0 667	
			Peak Rate	Off-Peak Rate
18	Point-To-Point Rate (\$/kW/Wk)	(line 16 / 52; line 16 / 52)	0 154	\$0 154
19	Point-To-Point Rate (\$/kW/Day)	(line 16 / 260; line 16 / 365)	0 031	\$0 022
20	Point-To-Point Rate (\$/MWh)	(line 16 / 4,160; line 16 / 8,760 times 1,000)	1 923	\$0 913
			Capped at weekly and daily rates	
21	FERC Annual Charge (\$/MWh)	(Note E)	\$0 000 Short Term	\$0 000 Short Term
22			\$0 000 Long Term	\$0 000 Long Term

Formula Rate - Non-Levelized

Rate Formula Template  
 Utilizing EIA Form 412 Data

For the 12 months ended 12/31/2012

Line No	(1) RATE BASE:	(2) EIA 412 Reference	(3) MRES Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)
	GROSS PLANT IN SERVICE (Note AA and Note GG)				
1	Production	IV 6 e	279,787,486	NA	
2	Transmission	IV 7 e less Line 2a	59,576,642	TP 1 00000	59,576,642
2a	Transmission for projects with FERC approved incentives (Note EE)		5,584,562	TP 1 00000	5,584,562
3	Distribution	IV 8 e	0	NA	
4	General & Intangible	IV 1e and IV 9 e	23,510,662	W/S 0 15193	3,571,975
5	Common		0	CE 0 15193	0
6	TOTAL GROSS PLANT (sum lines 1-5)		368,459,352	GP= 18 654%	68,733,179
	ACCUMULATED DEPRECIATION (Note AA and Note GG)				
7	Production		175,427,025	NA	
8	Transmission		33,420,456	TP 1 00000	33,420,456
8a	Transmission for projects with FERC approved incentives (Note EE)		63,224	TP 1 00000	63,224
9	Distribution		0	NA	
10	General & Intangible		14,239,893	W/S 0 15193	2,163,467
11	Common		0	CE 0 15193	0
12	TOTAL ACCUM DEPRECIATION (sum lines 7-11)		223,150,598		35,647,147
	NET PLANT IN SERVICE (Note GG)				
13	Production	(line 1- line 7)	104,360,461		
14	Transmission	(line 2- line 8)	26,156,186		26,156,186
14a	Transmission for projects with FERC approved incentives (Line 2a - line 8a) (Note EE)		5,521,338		5,521,338
15	Distribution	(line 3 - line 9)	0		
16	General & Intangible	(line 4 - line 10)	9,270,769		1,408,508
17	Common	(line 5 - line 11)	0		0
18	TOTAL NET PLANT (sum lines 13-17)		145,308,754	NP= 22 769%	33,086,032
18a	CWIP for projects with FERC approved incentives (Note CC and Note GG)		18,711,655	NA 1 00000	18,711,655
	ADJUSTMENTS TO RATE BASE (Note F)				
19	Account No 281 (enter negative)		0	zero	0
20	Account No 282 (enter negative)		0	NP 0 22769	0
21	Account No 283 (enter negative)		0	NP 0 22769	0
22	Account No 190		0	NP 0 22769	0
23	Account No 255 (enter negative)		0	NP 0 22769	0
23a	Unamortized balance of Abandoned Plant (Note DD and Note GG)		0	NA 1 00000	0
24	TOTAL ADJUSTMENTS (sum lines 19 - 23)		0		0
25	LAND HELD FOR FUTURE USE (Note GG)	IV 12 e (Note G)	0	TP 1 00000	0
	WORKING CAPITAL (Note H)				
26	CWC	(Note G)	1,416,365		530,167
27	Materials & Supplies (Note GG)	(Note G)	289,506	TE 0 99089	286,869
28	Prepayments (Note GG)	II 20 b	2,248,540	GP 0 18654	419,443
29	TOTAL WORKING CAPITAL (sum lines 26 - 28)		3,954,411		1,236,479
30	RATE BASE earning ACSR (lines 18+24+25+29-14a-23a)		143,741,827		28,801,173
30a	RATE BASE earning HCSR (lines 14a+18a+23a)		24,232,993		24,232,993

Midwest ISO  
 FERC Electric Tariff, Fourth Revised Volume No 1

Third Revised Sheet No 2636  
 Superseding Second Revised Sheet No 2636  
 Attachment O-MRES  
 Page 3 of 5

Formula Rate - Non-Levelized

Rate Formula Template  
 Utilizing EIA Form 412 Data

For the 12 months ended 12/31/2012

Line No	(1)	(2) EIA 412 Reference	(3) MRES Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)
	O&M (Note BB)				
1	Transmission	VII 8 d	24,925,642	TE 0 99089	24,698,569
1a	Less LSE Expenses included in Transmission O&M Accounts (Note V)		0	1 00000	0
2	Less Account 565		22,011,523	TE 0 99089	21,810,998
3	A&G	VII 13 d	8,546,500	W/S 0 15193	1,298,470
4	Less FERC Annual Fees		0	W/S 0 15193	0
5	Less EPRI & Reg Comm Exp & Non-safety Ad (Note I)		219,094	W/S 0 15193	33,287
5a	Plus Transmission Related Reg Comm Exp (Note I)		89,394	TE 0 99089	88,580
6	Common		0	CE 0 15193	0
7	Transmission Lease Payments		0	NA 1 00000	0
8	TOTAL O&M (sum lines 1, 3, 5a, 6, 7 less 1a, 2, 4, 5)		11,330,919		4,241,334
	DEPRECIATION AND AMORTIZATION EXPENSE (Note AA)				
9	Transmission		873,419	TP 1 00000	873,419
9a	Abandoned Plant Amortization (Note DD)		0	NA 1 00000	0
10	General & Intangible		613,945	W/S 0 15193	93,277
11	Common		0	CE 0 15193	0
12	TOTAL DEPRECIATION (sum lines 9 - 11)		1,487,364		966,696
	TAXES OTHER THAN INCOME TAXES (Note J)				
	LABOR RELATED				
13	Payroll		0	W/S 0 15193	0
14	Highway and vehicle		0	W/S 0 15193	0
	PLANT RELATED				
16	Property		1,663,475	GP 0 18654	310,305
17	Gross Receipts		0	NA zero	0
18	Other		0	GP 0 18654	0
19	Payments in lieu of taxes		0	GP 0 18654	0
20	TOTAL OTHER TAXES (sum lines 13 - 19)		1,663,475		310,305
	INCOME TAXES (Note K)			NA	
21	$T = 1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$		0 00%		
22	$CIT = (T / 1 - T) * (1 - (WCLTD / R)) =$ where WCLTD=(page 4, line 22) and R=(page 4, line 24) and FIT, SIT & p are as given in footnote K		0 00%		
23	$1 / (1 - T) =$ (from line 21)		0 0000		
24	Amortized Investment Tax Credit (266 8f) (enter negative)		0		
25	Income Tax Calculation = line 22 * line 28		0	NA	0
26	ITC adjustment (line 23 * line 24)		0	NP 0 22769	0
27	Total Income Taxes (line 25 plus line 26)		0		0
28	RETURN from ACSR [Rate Base (page 2, line 30 + 30a) * Rate of Return (page 4, line 24)]		12,698,896	NA	4,009,383
28a	RETURN from HCSR [Rate Base (page 2, line 30a) * Rate of Return (page 4, line 30)]		261,716	NA	261,716
29	REV REQUIREMENT (sum lines 8, 12, 20, 27, 28 and 28a)		27,442,370		9,789,434
30	LESS ATTACHMENT GG ADJUSTMENT [Attachment GG, page 2, line 3, column 10] (Note W) [Revenue Requirement for facilities included on page 2, line 2, and also included in Attachment GG]		2,981,156		2,981,156
30a	LESS ATTACHMENT MM ADJUSTMENT [Attachment MM, page 2, line 3 column 14] (Note Y) [Revenue Requirement for facilities included on page 2, line 2 and also included in Attachment MM]		478,836		478,836
31	REVENUE REQUIREMENT TO BE COLLECTED UNDER ATTACHMENT O (line 29 - line 30 - line 30a)		23,982,378		6,329,442

Midwest ISO  
 FERC Electric Tariff, Fourth Revised Volume No 1

First Revised Sheet No 2637  
 Superseding Original Sheet No 2637  
 Attachment O-MRES  
 Page 4 of 5

Formula Rate - Non-Levelized

Rate Formula Template  
 Utilizing EIA Form 412 Data

For the 12 months ended 12/31/2012

MRES

Line No	SUPPORTING CALCULATIONS AND NOTES				
TRANSMISSION PLANT INCLUDED IN ISO RATES					
1	Total transmission plant (page 2, line 2 and 2a, column 3)			59,576,642	
2	Less transmission plant excluded from ISO rates (Note M)			0	
3	Less transmission plant included in OATT Ancillary Services (Note N)			0	
4	Transmission plant included in ISO rates (line 1 less lines 2 & 3)			59,576,642	
5	Percentage of transmission plant included in ISO Rates (line 4 divided by line 1)			TP=	1 00000
TRANSMISSION EXPENSES					
6	Total transmission expenses (page 3, line 1, column 3)			24,925,642	
7	Less transmission expenses included in OATT Ancillary Services (Note L)			227,005	
8	Included transmission expenses (line 6 less line 7)			24,698,637	
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)			0 99089	
10	Percentage of transmission plant included in ISO Rates (line 5)			TP	1 00000
11	Percentage of transmission expenses included in ISO Rates (line 9 times line 10)			TE=	0 99089
WAGES & SALARY ALLOCATOR (W&S)					
		\$	TP	Allocation	
12	Production	2,313,512	0 00	0	
13	Transmission	442,160	1 00	442,160	
14	Distribution	0	0 00	0	W&S Allocator
15	Other	154,621	0 00	0	(\$ / Allocation)
16	Total (sum lines 12-15)	2,910,293		442,160 =	0 15193 = W/S
COMMON PLANT ALLOCATOR (CE) (Note O)					
		\$	% Electric	Labor Ratio	
17	Electric	368,459,352	(line 17 / line 20)	(line 16)	CE
18	Gas	0	1 00000 *	0 15193 =	0 15193
19	Water	0			
20	Total (sum lines 17-19)	368,459,352			
ACTUAL CAPITAL STRUCTURE RETURN (ACSR)					
		\$			
21	Long Term Interest	III 16 b + III 17 b (Note U)	\$14,730,819		
		\$	%	Cost (Note P)	Weighted
22	Long Term Debt (Note GG)	II 37 b	263,612,308	71% 5 59%	0 0397 =WCLTD
23	Proprietary Capital (Note GG)	II 32 b	106,830,846	29% 0 1238	0 0359
24	Total (sum lines 22, 23)		370,443,154	100%	0 0756 =R
25				Proprietary Capital Cost Rate =	12 38%
26				TIER =	1 35
HYPOTHETICAL CAPITAL STRUCTURE RETURN (HCSR) (NOTE FF)					
		%	Cost (Note P)	Weighted	
27	Long Term Debt 9 (Cost of Long-term Debt from page 4, line 22)	55%	5 59%	0 0307	=WCLTD
28	Proprietary Capital (Cost of Proprietary Capital from page 4, line 25)	45%	12 38%	0 0557	
29	Total (sum lines 27, 28)	100%		0 0864	=R
30	Annual Allocation Factor for Incentive Return (line 29 minus line 24)			1 080%	
REVENUE CREDITS					
					Load
ACCOUNT 447 (SALES FOR RESALE)					
31	a Bundled Non-RQ Sales for Resale	(Note Q)			0
32	b Bundled Sales for Resale included in Divisor on page 1				0
33	Total of (a)-(b)				0
34	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)			\$1,155,348	
ACCOUNT 456 1 (OTHER ELECTRIC REVENUES)					
35	a Transmission charges for all transmission transactions			\$20,803,623	
36	b Transmission charges for all transmission transactions included in Divisor on page 1			\$20,803,623	
36a	c Transmission charges associated with Schedules 26 and 37 (Note X)				
36b	d Transmission charges associated with Schedule 26-A (Note Z)			\$0	
37	Total of (a)-(b)-(c)-(d)			\$0	

Formula Rate - Non-Levelized

Rate Formula Template  
Utilizing EIA Form 412 Data  
MRES

General Note: References to pages in this formulary rate are indicated as: (page#, line#, col #)  
References to data from EIA Form 412 are indicated as: x y z (section, line, column)  
To the extent the page references to EIA Form 412 are missing, the entity will include a "Notes" section in the EIA 412 to provide this data

Note Letter	
A	The utility's maximum monthly megawatt load (60-minute integration) for RQ service at time of applicable pricing zone coincident monthly peaks RQ service is service which the
B	Includes LF, IF, LU, IU service LF means "firm service" (cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions), and long-term
C	LF as defined above at time of applicable pricing zone coincident monthly peaks
D	LF as defined above at time of applicable pricing zone coincident monthly peaks
E	The FERC's annual charges for the year assessed the Transmission Owner for service under this tariff, if any
F	The balances in Accounts 190, 281, 282 and 283, as adjusted by any amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106 or 109 Balance of
G	Transmission related only
H	Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission at page 3, line 8, column 5 Prepayments are the electric related prepayments booked
I	Line 5 - EPRI Annual Membership Dues, all Regulatory Commission Expenses, and non-safety related advertising Line 5a - Regulatory Commission Expenses directly related to
J	Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year Taxes related to income are excluded Gross receipts taxes
K	The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = "the percentage of federal income tax deductible for state
	Inputs Required:
	FIT = 0 00%
	SIT= 0 00% (State Income Tax Rate or Composite SIT)
	p = 0 00% (percent of federal income tax deductible for state purposes)
L	Removes dollar amount of transmission expenses included in the OATT ancillary services rates, including Account Nos 561 1, 561 2, 561 3, and 561 BA
M	Removes transmission plant determined to be state-jurisdictional by Commission order according to the seven-factor test (until EIA 412 balances are adjusted to reflect application of
N	Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed included in OATT
O	Enter dollar amounts
P	Debt cost rate = long-term interest (line 21) / long term debt (line 22) The Proprietary Capital Cost rate is implicit, a residual calculation after TIER is determined TIER will be
Q	Line 29 must equal zero since all short-term power sales must be unbundled and the transmission component reflected in Account No 456 1 and all other uses are to be included in the
R	Includes income related only to transmission facilities, such as pole attachments, rentals and special use
S	Grandfathered agreements whose rates have been changed to eliminate or mitigate pancaking - the revenues are included in line 4, page 1 and the loads are included in line 13, page 1
T	The revenues credited on page 1, lines 2-5 shall include only the amounts received directly (in the case of grandfathered agreements) or from the ISO (for service under this tariff)
U	From Reference III 17 b include only the amount from accounts 428, 429, and 430
V	Account Nos 561 4 and 561 8 consist of RTO expenses billed to load-serving entities and are not included in Transmission Owner revenue requirements
W	Pursuant to Attachment GG of the Midwest ISO Tariff, removes dollar amount of revenue requirements calculated pursuant to Attachment GG and recovered under Schedule 26 of the
X	Removes from revenue credits revenues that are distributed pursuant to Schedules 26 and 37 of the Midwest ISO Tariff, since the Transmission Owner's Attachment O revenue
Y	Pursuant to Attachment MM of the Midwest ISO Tariff, removes dollar amount of revenue requirements calculated pursuant to Attachment MM and recovered under Schedule 26-A of the Midwest ISO Tariff
Z	Removes from revenue credits revenues that are distributed pursuant to Schedule 26-A of the Midwest ISO Tariff, since the Transmission Owner's Attachment O revenue requirements have already been reduced by the Attachment MM revenue requirements
AA	Plant in Service, Accumulated Depreciation and Depreciation Expense amounts exclude Asset Retirement Obligation amounts unless authorized by FERC
BB	Schedule 10-FERC charges should not be included in O&M recovered under this Attachment O
CC	The CWIP balance on Page 2, Line 18a is the 13 month average for the transmission projects approved for included CWIP in rate base by FERC The projects approved for 100%
DD	Page 2, Line 23a includes any unamortized balances related to the recovery of abandoned plant costs for the projects approved by FERC Page 3, Line 9a is the annual amortization
EE	Includes the transmission gross plant in-service (line 2a, page 2 of 5), accumulated depreciation (line 8a, page 2 of 5) and net transmission plant in-service (line 14a, page 2 of 5) for
FF	The Hypothetical Capital Structure Return (HCSR) calculation is only applicable to the projects approved by FERC that use a hypothetical capital structure of 55% debt and 45%
GG	Calculated using-13 month average balance

# Missouri River Energy Services 2012 Estimated Revenue Requirement Template



Formula Rate - Non-Levelized

Rate Formula Template  
Utilizing EIA Form 412 Data

For the 12 months ended 12/31/12 (Estimated)

Missouri River Energy Services

Line No					Allocated Amount	
1	GROSS REVENUE REQUIREMENT (page 3, line 31)				\$ 8,949,170	
	REVENUE CREDITS (Note T)	Total	Allocator			
2	Account No 454 (page 4, line 30)	135,812	TP 1 00000		135,812	
3	Account No 456 1 (page 4, line 33)	57,906	TP 1 00000		57,906	
4	Revenues from Grandfathered Interzonal Transactions	0	TP 1 00000		0	Line 4 supported by schedules
5	Revenues from service provided by the ISO at a discount	0	TP 1 00000		0	Line 5 supported by schedules
6	TOTAL REVENUE CREDITS (sum lines 2-5)				193,718	
7	NET REVENUE REQUIREMENT (line 1 minus line 6)				\$ 8,755,452	
	DIVISOR					
8	Average of 12 coincident system peaks for requirements (RQ) service		(Note A)		732,481	
9	Plus 12 CP of firm bundled sales over one year not in line 8		(Note B)		0	
10	Plus 12 CP of Network Load not in line 8		(Note C)		0	
11	Less 12 CP of firm P-T-P over one year (enter negative)		(Note D)		0	
12	Plus Contract Demand of firm P-T-P over one year				0	
13	Less Contract Demand from Grandfathered Interzonal transactions over one year (enter negative) (Note S)				0	
14	Less 12 CP or Contract Demands from service over one year provided by ISO at a discount (enter negative)				0	
15	Divisor (sum lines 8-14)				732,481	
16	Annual Cost (\$/kW/Yr) (line 7 / line 15)	11 953				
17	Network & P-to-P Rate (\$/kW/Mo) (line 11 / 12)	0 996				
		Peak Rate			Off-Peak Rate	
18	Point-To-Point Rate (\$/kW/Wk) (line 16 / 52; line 16 / 52)	0 230			\$0 230	
19	Point-To-Point Rate (\$/kW/Day) (line 16 / 260; line 16 / 365)	0 046	Capped at weekly rate		\$0 033	
20	Point-To-Point Rate (\$/MWh) (line 16 / 4,160; line 16 / 8,760 times 1,000)	2 873	Capped at weekly and daily rates		\$1 365	
21	FERC Annual Charge (\$/MWh) (Note E)	\$0 000	Short Term		\$0 000	Short Term
22		\$0 000	Long Term		\$0 000	Long Term

Formula Rate - Non-Levelized

Rate Formula Template  
 Utilizing EIA Form 412 Data

For the 12 months ended 12/31/12 (Estimated)

Line No	(1) RATE BASE:	(2) EIA 412 Reference	(3) Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)
	Missouri River Energy Services				
	GROSS PLANT IN SERVICE				
1	Production	IV 6 e	293,509,353	NA	
2	Transmission	IV 7 e	70,289,426	TP 1 00000	70,289,426
3	Distribution	IV 8 e	0	NA	
4	General & Intangible	IV 9 e	13,511,488	W/S 0 15258	2,061,545
5	Common		0	CE 0 15258	0
6	TOTAL GROSS PLANT (sum lines 1-5)		377,310,267	GP= 19 175%	72,350,971
	ACCUMULATED DEPRECIATION				
7	Production		174,226,037	NA	
8	Transmission		33,266,237	TP 1 00000	33,266,237
9	Distribution		0	NA	
10	General & Intangible		6,534,073	W/S 0 15258	996,951
11	Common		0	CE 0 15258	0
12	TOTAL ACCUM DEPRECIATION (sum lines 7-11)		214,026,347		34,263,188
	NET PLANT IN SERVICE				
13	Production	(line 1 - line 7)	119,283,316		
14	Transmission	(line 2 - line 8)	37,023,189		37,023,189
15	Distribution	(line 3 - line 9)	0		
16	General & Intangible	(line 4 - line 10)	6,977,415		1,064,595
17	Common	(line 5 - line 11)	0		0
18	TOTAL NET PLANT (sum lines 13-17)		163,283,920	NP= 23 326%	38,087,784
	ADJUSTMENTS TO RATE BASE (Note F)				
19	Account No. 281 (enter negative)		0	zero	0
20	Account No. 282 (enter negative)		0	NP 0 23326	0
21	Account No. 283 (enter negative)		0	NP 0 23326	0
22	Account No. 190		0	NP 0 23326	0
23	Account No. 255 (enter negative)		0	NP 0 23326	0
24	TOTAL ADJUSTMENTS (sum lines 19 - 23)		0		0
25	LAND HELD FOR FUTURE USE	IV 12 e (Note G)	0	TP 1 00000	0
	WORKING CAPITAL (Note H)				
26	CWC		1,410,892		621,849
27	Materials & Supplies	(Note G)	286,117	TE 0 98554	281,981
28	Prepayments	II 20 b	2,036,699	GP 0 19175	390,546
29	TOTAL WORKING CAPITAL (sum lines 26 - 28)		3,733,708		1,294,376
30	RATE BASE (sum lines 18, 24, 25, and 29)		167,017,628		39,382,160

Midwest ISO  
 FERC Electric Tariff, Fourth Revised Volume No 1

First Revised Sheet No 2636  
 Superseding Original Sheet No 2636  
 Attachment O  
 Page 3 of 5

Formula Rate - Non-Levelized

Rate Formula Template  
 Utilizing EIA Form 412 Data

For the 12 months ended 12/31/12 (Estimated)

Missouri River Energy Services						
	(1)	(2)	(3)	(4)		(5)
Line No		EIA 412 Reference	Company Total	Allocator		Transmission (Col 3 times Col 4)
O&M						
1	Transmission	VII 8 d	21,306,260	TE	0 98554	20,998,269
1a	Less LSE Expenses included in Transmission O&M Accounts (Note V)		0		1 00000	0
2	Less Account 565		17,690,335	TE	0 98554	17,434,614
3	A&G	VII 13 d	7,838,939	W/S	0 15258	1,196,043
4	Less FERC Annual Fees		0	W/S	0 15258	0
5	Less EPRI & Reg Comm Exp & Non-safety Ad (Note I)		456,672	W/S	0 15258	69,678
5a	Plus Transmission Related Reg Comm Exp (Note I)		288,946	TE	0 98554	284,769
6	Common		0	CE	0 15258	0
7	Transmission Lease Payments		0	NA	1 00000	0
8	TOTAL O&M (sum lines 1, 3, 5a, 6, 7 less 1a, 2, 4, 5)		11,287,138			4,974,790
DEPRECIATION EXPENSE						
9	Transmission		738,839	TP	1 00000	738,839
10	General		559,000	W/S	0 15258	85,291
11	Common		0	CE	0 15258	0
12	TOTAL DEPRECIATION (sum lines 9 - 11)		1,297,839			824,130
TAXES OTHER THAN INCOME TAXES (Note J)						
LABOR RELATED						
13	Payroll		0	W/S	0 15258	0
14	Highway and vehicle		0	W/S	0 15258	0
PLANT RELATED						
16	Property		1,326,554	GP	0 19175	254,373
17	Gross Receipts		0	NA	zero	0
18	Other		0	GP	0 19175	0
19	Payments in lieu of taxes		0	GP	0 19175	0
20	TOTAL OTHER TAXES (sum lines 13 - 19)		1,326,554			254,373
INCOME TAXES (Note K)				NA		
21	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =		0 00%			
22	CIT=(T/1-T) * (1-(WCLTD/R)) = where WCLTD=(page 4, line 27) and R= (page 4, line30) and FIT, SIT & p are as given in footnote K		0 00%			
23	1 / (1 - T) = (from line 21)		0 0000			
24	Amortized Investment Tax Credit (266 8f) (enter negative)		0			
25	Income Tax Calculation = line 22 * line 28		0	NA		0
26	ITC adjustment (line 23 * line 24)		0	NP	0 23326	0
27	Total Income Taxes (line 25 plus line 26)		0			0
28	RETURN [ Rate Base (page 2, line 30) * Rate of Return (page 4, line 24)]		12,281,260	NA		2,895,877
29	REV REQUIREMENT (sum lines 8, 12, 20, 27, 28)		26,192,791			8,949,170
30	LESS ATTACHMENT GG ADJUSTMENT [Attachment GG, page 2, line 3, column 10] (Note W) [Revenue Requirement for facilities included on page 2, line 2, and also included in Attachment GG]		0			0
31	REVENUE REQUIREMENT TO BE COLLECTED UNDER ATTACHMENT O (line 29 - line 30)		26,192,791			8,949,170

Midwest ISO  
 FERC Electric Tariff, Fourth Revised Volume No. 1

First Revised Sheet No. 2637  
 Superseding Original Sheet No. 2637  
 Attachment O  
 Page 4 of 5

Formula Rate - Non-Levelized

Rate Formula Template  
 Utilizing EIA Form 412 Data

For the 12 months ended 12/31/12 (Estimated)

Missouri River Energy Services

Line No	SUPPORTING CALCULATIONS AND NOTES									
TRANSMISSION PLANT INCLUDED IN ISO RATES										
1	Total transmission plant (page 2, line 2, column 3)								70,289,426	
2	Less transmission plant excluded from ISO rates (Note M)								0	
3	Less transmission plant included in OATT Ancillary Services (Note N)								0	
4	Transmission plant included in ISO rates (line 1 less lines 2 & 3)								70,289,426	
5	Percentage of transmission plant included in ISO Rates (line 4 divided by line 1)								TP=	1 00000
TRANSMISSION EXPENSES										
6	Total transmission expenses (page 3, line 1, column 3)								21,306,260	
7	Less transmission expenses included in OATT Ancillary Services (Note L)								307,991	
8	Included transmission expenses (line 6 less line 7)								20,998,269	
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)								0 98554	
10	Percentage of transmission plant included in ISO Rates (line 5)								TP	1 00000
11	Percentage of transmission expenses included in ISO Rates (line 9 times line 10)								TE=	0 98554
WAGES & SALARY ALLOCATOR (W&S)										
				\$	TP	Allocation				
12	Production			2,549,769	0 00	0				
13	Transmission			476,908	1 00	476,908				
14	Distribution			0	0 00	0		W&S Allocator		
15	Other			99,003	0 00	0		(\$ / Allocation)		
16	Total (sum lines 12-15)			3,125,680		476,908	=	0 15258	=	W/S
COMMON PLANT ALLOCATOR (CE) (Note O)										
				\$		% Electric		Labor Ratio		
17	Electric			377,310,267		(line 17 / line 20)		(line 16)		CE
18	Gas			0		1 00000 *		0 15258	=	0 15258
19	Water			0						
20	Total (sum lines 17-19)			377,310,267						
RETURN (R)										
				\$						
21	Long Term Interest	III 16 b + III 17 b (Note U)		\$15,828,160						
				\$	%	Cost		Weighted		
						(Note P)				
22	Long Term Debt	II 33 b + II 34 b		277,500,000	75%	5 70%		0 0429	=WCLTD	
23	Proprietary Capital	II 32 b		91,056,628	25%	12 38%		0 0306		
24	Total (sum lines 22, 23)			368,556,628	100%			0 0735	=R	
25	Proprietary Capital Cost Rate =								12 38%	
26	TIER =								1 29	
REVENUE CREDITS										
ACCOUNT 447 (SALES FOR RESALE)										
								Load		
27	a Bundled Non-RQ Sales for Resale				(Note Q)			0		
28	b Bundled Sales for Resale included in Divisor on page 1							0		
29	Total of (a)-(b)							0		
30	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)								\$135,812	
ACCOUNT 456 1 (OTHER ELECTRIC REVENUES)										
31	a Transmission charges for all transmission transactions								\$16,367,480	
32	b Transmission charges for all transmission transactions included in Divisor on page 1								\$16,309,574	
32a	c Transmission charges associated with Schedule 26 (Note X)								\$0	
33	Total of (a)-(b)-(c)								\$57,906	
Line 31 supported by notes in Form 412 or detailed Schedule Line 32 supported by notes in Form 412 or detailed Schedule										

Line 31 supported  
 by notes in Form  
 412 or detailed  
 Schedule  
 Line 32 supported  
 by notes in Form  
 412 or detailed  
 Schedule

Formula Rate - Non-Levelized

Rate Formula Template  
 Utilizing EIA Form 412 Data  
 Missouri River Energy Services

For the 12 months ended 12/31/12 (Estimated)

General Note: References to pages in this formulary rate are indicated as: (page#, line#, col #)  
 References to data from EIA Form 412 are indicated as: x y z (section, line, column)  
 To the extent the page references to EIA Form 412 are missing, the entity will include a "Notes" section in the EIA 412 to provide this data

Note Letter										
A	The utility's maximum monthly megawatt load (60-minute integration) for RQ service at time of applicable pricing zone coincident monthly peaks RQ service is service which the supplier plans to provide on an on-going basis (i e , the supplier includes projected load for this service in its system resource planning)									
B	Includes LF, IF, LU, IU service LF means "firm service" (cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions), and long-term (duration of at least five years); does not meet definition of RQ service IF is "firm service" for a term longer than one but less than five years LU is service from a designated generating unit, of a term no less than five years LI is service from a designated generating unit for a term between one and five years Measured at time of applicable pricing zone coincident monthly peaks									
C	LF as defined above at time of applicable pricing zone coincident monthly peaks									
D	LF as defined above at time of applicable pricing zone coincident monthly peaks									
E	The FERC's annual charges for the year assessed the Transmission Owner for service under this tariff, if any									
F	The balances in Accounts 190, 281, 282 and 283, as adjusted by any amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106 or 109 Balance of									
G	Transmission related only									
H	Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission at page 3, line 8, column 5 Prepayments are the electric related prepayments booked to Account No 165 as shown on Schedule I of EIA Form 412									
I	Line 5 - EPRI Annual Membership Dues, all Regulatory Commission Expenses, and non-safety related advertising Line 5a - Regulatory Commission Expenses directly related to transmission service, ISO filings or transmission siting									
J	Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year Taxes related to income are excluded Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere									
K	The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = "the percentage of federal income tax deductible for state income taxes" If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed Furthermore, a utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit multiplied by (1/1-T) (page 3, line 26)									
	<table><tr><td>Inputs</td><td>FIT =</td><td>0 00%</td></tr><tr><td></td><td>SIT=</td><td>0 00% (State Income Tax Rate or Composite SIT)</td></tr><tr><td></td><td>p =</td><td>0 00% (percent of federal income tax deductible for state purposes)</td></tr></table>	Inputs	FIT =	0 00%		SIT=	0 00% (State Income Tax Rate or Composite SIT)		p =	0 00% (percent of federal income tax deductible for state purposes)
Inputs	FIT =	0 00%								
	SIT=	0 00% (State Income Tax Rate or Composite SIT)								
	p =	0 00% (percent of federal income tax deductible for state purposes)								
L	Removes dollar amount of transmission expenses included in the OATT ancillary services rates, including Account Nos 561 1, 561 2, 561 3, and 561 BA									
M	Removes transmission plant determined to be state-jurisdictional by Commission order according to the seven-factor test (until EIA 412 balances are adjusted to reflect application of seven-factor test)									
N	Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed included in OATT ancillary services For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down									
O	Enter dollar amounts									
P	Debt cost rate = long-term interest (line 21) / long term debt (line 22) The Proprietary Capital Cost rate is implicit, a residual calculation after TIER is determined TIER will be supported in the filing and no change in TIER may be made absent a filing with the ISO and the FERC, if the entity is under FERC's jurisdiction									
Q	Line 29 must equal zero since all short-term power sales must be unbundled and the transmission component reflected in Account No 456 1 and all other uses are to be included in the divisor									
R	Includes income related only to transmission facilities, such as pole attachments, rentals and special use									
S	Grandfathered agreements whose rates have been changed to eliminate or mitigate pancaking - the revenues are included in line 4, page 1 and the loads are included in line 13, page 1 Grandfathered agreements whose rates have not been changed to eliminate or mitigate pancaking - the revenues are not included in line 4, page 1 nor are the loads included in line 13, page 1									
T	The revenues credited on page 1, lines 2-5 shall include only the amounts received directly (in the case of grandfathered agreements) or from the ISO (for service under this tariff) reflecting the Transmission Owner's integrated transmission facilities They do not include revenues associated with FERC annual charges, gross receipts taxes, ancillary services, facilities not included in this template (e g , direct assignment facilities and GSUs) which are not recovered under this Rate Formula Template									
U	From Reference II 17 b include only the amount from Account 430									
V	Account Nos 561 4, 561 8, and 575 7 consist of RTO expenses billed to load-serving entities and are not included in Transmission Owner revenue requirements									
W	Pursuant to Attachment GG of the Midwest ISO Tariff, removes dollar amount of revenue requirements calculated pursuant to Attachment GG and recovered under Schedule 26 of the Midwest ISO Tariff									
X	Removes from revenue credits revenues that are distributed pursuant to Schedule 26 of the Midwest ISO Tariff, since the Transmission Owner's Attachment O revenue requirements have already been reduced by the Attachment GG revenue requirements									

NWPS  
2012 Actual  
Revenue Requirement Template

Line No.					Allocated Amount
1	GROSS REVENUE REQUIREMENT				\$ 5,598,663
2					
3					
4	REVENUE CREDITS	(Note T)	Total	Allocator	
5	Account No. 454		259,850	TP 100%	259,850
6	Account No. 456		1,225,943	GP= 12.2%	149,959
7	TOTAL REVENUE CREDITS				409,809
8					
9					
10	NET REVENUE REQUIREMENT				\$ 5,188,854
11					
12					
13	(1)	(2)	(3)	(4)	(5)
14		Form No. 1			Transmission
15		Page, Line, Col.	Company Total	Allocator	(Col 3 times Col 4)
16	RATE BASE:				
17					
18	SD GROSS PLANT IN SERVICE				
19	Production	206.42 g	167,101,900		
20	Transmission	206.53 g	53,011,772	TP 100.0%	53,011,772
21	Distribution	206.69 g	188,807,480		
22	General & Intangible	206.5 g & 83.g	12,898,841	W/S 5.3%	683,262
23	Common	356.1	25,521,260	CE 4.0%	1,024,437
24	TOTAL GROSS PLANT		447,341,253	GP= 12.2%	54,719,470
25					
26	ACCUMULATED DEPRECIATION				
27	Production	219.18-22.c	112,605,521		
28	Transmission	219.23.c	21,947,091	TP 100.0%	21,947,091
29	Distribution	219.24.c	73,184,406		
30	General & Intangible	219.25.c	3,555,172	W/S 5.3%	188,320
31	Common	356.1	7,040,001	CE 4.0%	282,589
32	TOTAL ACCUMULATED DEPRECIATION		218,332,191		22,418,001
33					
34	NET PLANT IN SERVICE				
35	Production		54,496,379		
36	Transmission		31,064,681		31,064,681
37	Distribution		115,623,074		
38	General & Intangible		9,343,669		494,941
39	Common		18,481,260		741,847
40	TOTAL NET PLANT		229,009,062	NP= 14.10%	32,301,469
41					
42	ADJUSTMENTS TO RATE BASE	(Note F)			
43	Account No. 281 (enter negative)	273.8 k	0	NP 14.10%	-
44	Account No. 282 (enter negative)	275.2 k	(44,679,654)	NP 14.10%	(6,302,015)
45	Account No. 283 (enter negative)	277.9 k	-	NP 14.10%	-
46	Account No. 190	234.8 c	-	NP 14.10%	-
47	Account No. 255 (enter negative)	267.8 h	(1,196,810)	NP 14.10%	(168,809)
48	TOTAL ADJUSTMENTS		(45,876,464)		(6,470,823)
49					
50	LAND HELD FOR FUTURE USE	214.x.d (Note G)	0	TP 100%	0
51					
52	WORKING CAPITAL (Note H)				
53	CWC	calculated	939,994	O&M/8	126,566
54	Materials & Supplies (Note G)	Transmission	0	GP 12.23%	0
55	Prepayments (Account 165)	111.46 d	0	GP 12.23%	0
56	TOTAL WORKING CAPITAL		939,994		126,566
57					
58	RATE BASE		184,072,592		25,957,212

	(1)	(2)	(3)	(4)	(5)	
Line No.		Form No. 1 Page, Line, Col.	Company Total	Allocator	Transmission (Col 3 times Col 4)	
	O&M					
1	Transmission - only 115KV portion	321.100.b	3,295,020	TE	100%	3,295,020
2	Less Account 565 - only 115KV pc	321.88 b	2,646,472		100%	2,646,472
3	A&G	323.168.b	6,988,157	W/S	5.3%	370,168
4	Less FERC Annual Fees		0	W/S	5%	0
5	Less EPRI & Reg. Comm. Exp. & Non-safety Ad. (Note I)		116,757	W/S	5%	6,185
6	Plus Transmission Related Reg. Comm. Exp. (Note I)		0	TE	100%	0
7	Common	356.1	0	CE	4%	0
8	Transmission Lease Payments		0		100%	0
9	TOTAL O&M		7,519,949			1,012,532
10	DEPRECIATION EXPENSE					
12	Transmission - only 115KV assets	336.7 b	1,415,150	TP	100%	1,415,150
13	General	336.9 b	845,387	W/S	5.3%	44,781
14	Common	336.10 b	1,637,359	CE	4.0%	65,724
15	TOTAL DEPRECIATION		3,897,896			1,525,655
16	TAXES OTHER THAN INCOME TAXES (Note J)					
17	LABOR RELATED					
19	Payroll	262.i	771,425	W/S	5.3%	40,863
20	Highway and vehicle	262.i	50,449	W/S	5.3%	2,672
21	PLANT RELATED					
22	Property	262.i	4,062,553	GP	12.2%	496,938
23	Gross Receipts	262.i (excluded)	152,058			0
24	Other	262.i	34,462	GP	12.2%	4,215
25	Payments in lieu of taxes		0	GP	12.2%	0
26	TOTAL OTHER TAXES		5,070,947			544,689
27	INCOME TAXES (Note K)					
29	T=1 - {[ (1 - SIT) * (1 - FIT) ] / (1 - SIT * FIT * p) } =		35.00%			
30	CIT=(T/(1-T) * (1-(WCLTD/R))) =		37.20%			
31	1 / (1 - T) = (from line 21)		1 5385			
32	Amortized Investment Tax Credit (266.8f)		(1,196,810)	GP	12.2%	(146,396)
33						
34	Income Tax Calculation		5,758,640	GP	12.2%	704,406
35	ITC adjustment		(1,841,246)	GP	12.2%	(225,224)
36	Total Income Taxes		3,917,394			332,786
37						
38	RETURN		15,480,505	NA		2,183,002
39	[ Rate Base * Rate of Return ]					
40						
41	REV. REQUIREMENT		35,886,691			5,598,663

## SUPPORTING CALCULATIONS AND NOTES

Line No.	TRANSMISSION PLANT INCLUDED IN ISO RATES				
1	Total transmission plant				123,741,589
2	Less transmission plant excluded from ISO rates (Note M)				70,729,817
3	Less transmission plant included in OATT Ancillary Services (Note N)				0
4	Transmission plant included in ISO rates (line 1 less lines 2 & 3)		42.8%		53,011,772
5					
6	Percentage of transmission plant included in ISO Rates (line 4 divided by line 1)			TP=	1.00000
7					
8	TRANSMISSION EXPENSES				
9					
10	Total transmission expenses				3,295,020
11	Less transmission expenses included in OATT Ancillary Services (Note L)				0
12	Included transmission expenses				3,295,020
13					
14	Percentage of transmission expenses after adjustment				1.00000
15	Percentage of transmission plant included in ISO Rates			TP	1.00000
16	Percentage of transmission expenses included in ISO Rates			TE=	1.00000
17					
18	WAGES & SALARY ALLOCATOR (W&S)				
19	Form 1 Reference	\$	TP	Allocation	
20	SD Electric Production 354.18 b	449,000	0 00	0	
21	SD Electric Transmission 354.19 b	423,007	1 00	423,007	
22	SD Electric Distribution 354.20 b	2,024,311	0 00	0	W&S Allocator
23	SD Electric Other 354.21,22,23.b	5,089,350	0 00	0	(\$ / Allocation)
24	Total	7,985,668		423,007 WS =	5.3%
25					
26	COMMON PLANT ALLOCATOR (CE) (Note O)				
27		\$		% Electric	W&S Allocator
28	Electric 200.3.c	492,604,252		(line 28 / line 31)	(line 24)
29	Gas 200.3 d	157,452,886		75.8%	5.3% =
30	Water 200.3 e	0			CE
31	Total	650,057,137			4.0%



Line No.		\$	%	Cost (Note P)	Weighted
	RETURN (R)				
1	Long Term Debt (112, sum of 16d through 19d)	1,055,187,000	48.39%	5.4%	2.60% =WCLTD
2	Preferred Stock (112.3d)	0	0.00%	0.0%	0.0%
3	Common Stock (line 26)	934,032,000	51.61%	11.25%	5.81%
4	Total (sum lines 27-29)	1,989,219,000			8.41% =R
5					
6	REVENUE CREDITS				
7					Load
8	ACCOUNT 447 (SALES FOR RESALE) (310-311)		(Note Q)		2,959,317
9					
10	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)				\$259,850
11					
12	ACCOUNT 456 (OTHER ELECTRIC REVENUES) (330.x.n)				\$1,225,943

General Note: References to pages in this formulary rate are indicated as: (page#, line#, col.)

References to data from FERC Form 1 are indicated as: #.y.x (page, line, column)

## Note

- A Peak as would be reported on page 401, column d of Form 1 at the time of the ISO coincident monthly peaks.
- B Labeled LF, LU, IF, IU on pages 310-311 of Form 1 at the time of the ISO coincident monthly peaks.
- C Labeled LF on page 328 of Form 1 at the time of the ISO coincident monthly peaks.
- D Labeled LF on page 328 of Form 1 at the time of the ISO coincident monthly peaks.
- E The FERC's annual charges for the year assessed the Transmission Owner for service under this tariff.
- F The balances in Accounts 190, 281, 282 and 283, as adjusted by any amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106 or 109. Balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note K. Account 281 is not allocated.
- G Identified in Form 1 as being only transmission related.
- H Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission. Prepayments are the electric related prepayments booked to Account No. 165 and reported on Pages 100-111 line 46 in the Form 1.
- I EPRI Annual Membership Dues listed in Form 1 at 353.f, all Regulatory Commission Expenses itemized at 351.h, and non-safety related advertising included in Account 930.1. Line 5a - Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting itemized at 351.h.
- J Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year. Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
- K The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = "the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) multiplied by (1/1-T) (page 3, line 26).
- Inputs Required:
- |       |   |
|-------|---|
| FIT = | 35.00%  |
| SIT = | 0.00% (State Income Tax Rate or Composite SIT)                      |
| p =   | 0.00% (percent of federal income tax deductible for state purposes) |
- L Removes dollar amount of transmission expenses included in the OATT ancillary services rates, including all of Account No. 561.
- M Removes transmission plant determined by Commission order to be state-jurisdictional according to the seven-factor test (until Form 1 balances are adjusted to reflect application of seven-factor test).
- N Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed to be included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- O Enter dollar amounts
- P ROE will be supported in the original filing and no change in ROE may be made absent a filing with FERC.
- Q Must equal zero since all short-term power sales must be unbundled and the transmission component reflected in Account No. 456 and all other uses are to be included.
- R Includes income related only to transmission facilities, such as pole attachments, rentals and special use.
- T The revenues credited on page 1 lines 2-5 shall include only the amounts received directly (in the case of grandfathered agreements) or from the ISO (for service under this tariff) reflecting the Transmission Owner's integrated transmission facilities. They do not include revenues associated with FERC annual charges, gross receipts taxes, ancillary services, facilities not included in this template (e.g., direct assignment facilities and GSUs) which are not recovered under this Rate Formula Template.

# NWPS

## 2012 Estimated Revenue Requirement Template

## Utilizing FERC Form 1 Data With 7-Factor Changes -EXCLUDES EXT. joint Plant Transmission Facilities

Line No.					Allocated Amount
1	GROSS REVENUE REQUIREMENT	(page 3, line 29)			\$ 3,473,780
	REVENUE CREDITS	(Note T)	Total	Allocator	
2	Account No. 454	(page 4, line 34)	169,771	TP 0.83220	141,283
3	Account No. 456	(page 4, line 37)	72,942	TP 0.83220	60,702
4	Revenues from Grandfathered Interzonal Transactions		0	TP 0.83220	0
5	Revenues from service provided by the ISO at a discount		0	TP 0.83220	0
6	TOTAL REVENUE CREDITS (sum lines 2-5)				201,985
7	NET REVENUE REQUIREMENT	(line 1 minus line 6)			<u>\$ 3,271,795</u>
	DIVISOR				
8	Average of 12 coincident system peaks for requirements (RQ) service	(Note A)			243,862
9	Plus 12 CP of firm bundled sales over one year not in line 8	(Note B)			14,000
10	Plus 12 CP of Network Load not in line 8	(Note C)			0
11	Less 12 CP of firm P-T-P over one year (enter negative)	(Note D)			0
12	Plus Contract Demand of firm P-T-P over one year				0
13	Less Contract Demand from Grandfathered Interzonal Transactions over one year (enter negative) (Note S)				0
14	Less Contract Demands from service over one year provided by ISO at a discount (enter negative)				0
15	Divisor (sum lines 8-14)				257,862
16	Annual Cost (\$/kW/Yr)	(line 7 / line 15)	12.688		
17	Network & P-to-P Rate (\$/kW/Mo)	(line 16 / 12)	1.057		
			Peak Rate	Off-Peak Rate	
18	Point-To-Point Rate (\$/kW/Wk)	(line 16 / 52; line 16 / 52)	0.244		\$0.244
19	Point-To-Point Rate (\$/kW/Day)	(line 18 / 5; line 18 / 7)	0.049 Capped at weekly rate		\$0.035
20	Point-To-Point Rate (\$/MWh)	(line 19 / 16; line 19 / 24 times 1,000)	3.050 Capped at weekly and daily rates		\$1.452
21	FERC Annual Charge(\$/MWh)	(Note E)	\$0.000 Short Term		\$0.000 Short Term
22			\$0.000 Long Term		\$0.000 Long Term

Utilizing FERC Form 1 Data With 7-Factor Changes -EXCLUDES EXT. joint Plant Transmission Facilities									
(1)		(2)		(3)		(4)		(5)	
Line No.	Form No. 1	Page, Line, Col.	Company Total	Allocator	Transmission (Col 3 times Col 4)				
RATE BASE:									
GROSS PLANT IN SERVICE									
1	Production	206.42.g	160,809,843	NA					
2	Transmission	206.53.g	37,068,925	TP	0.83220	30,848,681		6,220,244	
3	Distribution	206.69.g	231,358,884	NA					
4	General & Intangible	206.5.g & 83.g	10,588,800	W/S	0.08071	854,614			
5	Common	356.1	21,084,142	CE	0.05060	1,066,893			
6	TOTAL GROSS PLANT (sum lines 1-5)		460,910,594	GP=	7.110%	32,770,188			
ACCUMULATED DEPRECIATION									
7	Production	219.18-22.c	106,195,863	NA					Accumulated Depreciation of Joint Plant
8	Transmission	219.23.c	23,416,063	VEst.	75.176%	17,603,154			Transmission Facilities, see Assets file
9	Distribution	219.24.c	89,702,256	NA				-5,812,909	
10	General & Intangible	219.25.c	2,431,212	W/S	0.08071	196,221			
11	Common	356.1	5,257,460	CE	0.05060	266,036			
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)		227,002,853			18,065,412			
NET PLANT IN SERVICE									
13	Production	(line 1- line 7)	54,613,980						
14	Transmission	(line 2- line 8)	13,652,862			13,245,527			
15	Distribution	(line 3 - line 9)	141,656,628						
16	General & Intangible	(line 4 - line 10)	8,157,588			658,392			
17	Common	(line 5 - line 11)	15,826,683			800,857			
18	TOTAL NET PLANT (sum lines 13-17)		233,907,741	NP=	6.287%	14,704,776			
ADJUSTMENTS TO RATE BASE (Note F)									
19	Account No. 281 (enter negative)	273.8.k	0	NA	zero	0			
20	Account No. 282 (enter negative)	275.2.k	-46,240,385	NP	0.06287	-2,906,935			
21	Account No. 283 (enter negative)	277.9.k	-2,197,034	NP	0.06287	-138,118			
22	Account No. 190	234.8.c	9,119,761	NP	0.06287	573,320			
23	Account No. 255 (enter negative)	267.8.h	-1,793,779	NP	0.06287	-112,767			
24	TOTAL ADJUSTMENTS (sum lines 19- 23)		-41,111,437			-2,584,500			
25	LAND HELD FOR FUTURE USE	214.x.d (Note G)	0	VEst.	0.75176	0			
WORKING CAPITAL (Note H)									
26	CWC	calculated	820,434			110,946			
27	Materials & Supplies (Note G)	227.6.c & .15.c	0		1.00000	0			Excluded transmission maintained and supplied by others
28	Prepayments (Account 165)	111.46.d	0	GP	0.07110	0			
29	TOTAL WORKING CAPITAL (sum lines 26 - 28)		820,434			110,946			
30	RATE BASE (sum lines 18, 24, 25, & 29)		193,616,738			12,231,223			

## Utilizing FERC Form 1 Data With 7-Factor Changes -EXCLUDES EXT. joint Plant Transmission Facilities

(1)	(2)	(3)	(4)	(5)	
Line No.	Form No. 1 Page, Line, Col.	Company Total	Allocator	Transmission (Col 3 times Col 4)	
<b>O&amp;M</b>					
1	Transmission 321.100.b	6,633,001	TE 0.83220	6,513,752	Reduce non-565 by TE Ratio
2	Less Account 565 321.88.b	5,922,347	1.00000	5,922,347	
3	A&G 323.168.b	5,852,820	W/S 0.05060	296,163	
4	Less FERC Annual Fees 0	0	W/S 0.05060	0	
5	Less EPRI & Reg. Comm. Exp. & Non-safety Ad. (Note I) 0	0	W/S 0.05060	0	
5a	Plus Transmission Related Reg. Comm. Exp. (Note I) 0	0	TE 0.83220	0	
6	Common 356.1	0	CE 0.05060	0	
7	Transmission Lease Payments 0	0	1.00000	0	
8	TOTAL O&M (sum lines 1, 3, 5a, 6, 7 less lines 2, 4, 5)	6,563,474		887,568	
<b>DEPRECIATION EXPENSE</b>					
9	Transmission 336.7.b	1,212,154	VRB00 0.75176	1,011,240	Excluded 200,914
10	General 336.9.b	669,608	W/S 0.05060	33,883	
11	Common 336.10.b	1,345,290	CE 0.05060	68,074	
12	TOTAL DEPRECIATION (Sum lines 9 - 11)	3,227,051		1,113,197	
<b>TAXES OTHER THAN INCOME TAXES (Note J)</b>					
<b>LABOR RELATED</b>					
13	Payroll 262.i	763,562	W/S 0.05060	38,638	
14	Highway and vehicle 262.i	54,207	W/S 0.05060	2,743	
<b>PLANT RELATED</b>					
16	Property 262.i	3,149,405	GP 0.07110	223,919	
17	Gross Receipts 262.i	146,268	NA zero	0	
18	Other 262.i	243,562	GP 0.07110	17,317	
19	Payments in lieu of taxes 0	0	GP 0.07110	0	
20	TOTAL OTHER TAXES (sum lines 13 - 19)	4,357,003		282,616	
<b>INCOME TAXES (Note K)</b>					
21	$T = 1 - [(1 - \text{SIT}) * (1 - \text{FIT})] / (1 - \text{SIT} * \text{FIT} * p) =$	35.00%			
22	$\text{CIT} = (T / (1 - T)) * (1 - (\text{WCLTD} / \text{R})) =$ where WCLTD=(page 4, line 27) and R=(page 4, line 30) and FIT, SIT & p are as given in footnote K.	34.17%			
23	$1 / (1 - T) =$ (from line 21)	1.5385			
24	Amortized Investment Tax Credit (266.8f) (enter negative)	-1,996,006			
25	Income Tax Calculation = line 22 * line 28	5,577,651	NA	352,353	
26	ITC adjustment (line 23 * line 24)	-3,070,778	NP 0.06287	-193,047	
27	Total Income Taxes (line 25 plus line 26)	2,506,874		159,307	
28	RETURN [Rate Base (page 2, line 30) * Rate of Return (page 4, line 30)]	16,321,891	NA	1,031,092	
29	REV. REQUIREMENT (sum lines 8, 12, 20, 27, 28)	32,976,294		3,473,780	

Utilizing FERC Form 1 Data With 7-Factor Changes -EXCLUDES EXT. joint Plant Transmission Facilities

## SUPPORTING CALCULATIONS AND NOTES

Line No.	TRANSMISSION PLANT INCLUDED IN ISO RATES								Transmission Plant Grandfathered with Joint Plants from VRB00t 6,220,244	
1	Total transmission plant (page 2, line 2, column 3)				37,068,925					
2	Less transmission plant excluded from ISO rates (Note M)				6,220,244					
3	Less transmission plant included in OATT Ancillary Services (Note N)				0					
4	Transmission plant included in ISO rates (line 1 less lines 2 & 3)				30,848,681					
5	Percentage of transmission plant included in ISO Rates (line 4 divided by line 1)			TP=	0.83220					
TRANSMISSION EXPENSES										
6	Total transmission expenses (page 3, line 1, column 3)				6,633,001					
7	Less transmission expenses included in OATT Ancillary Services (Note L)				0					
8	Included transmission expenses (line 6 less line 7)				6,633,001					
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)				1.00000					
10	Percentage of transmission plant included in ISO Rates (line 5)			TP	0.83220					
11	Percentage of transmission expenses included in ISO Rates (line 9 times line 10)			TE=	0.83220					
WAGES & SALARY ALLOCATOR (W&S)										
		Form 1 Reference	\$	TP	Allocation					
12	Production	354.18.b	1,662,518	0.00	0					
13	Transmission	354.19.b	3,069,905	0.83	2,554,768					
14	Distribution	354.20.b	25,995,224	0.00	0					
15	Other	354.21,22,23.b	7,308,971	0.00	0					
16	Total (sum lines 12-15)		38,036,618		2,554,768	=	0.06717	= WS		Wages & salaries by others for excluded facilities MEC, OTP, MDU
							0.08071	= Wsact		
COMMON PLANT ALLOCATOR (CE) (Note O)										
			\$		% Electric		W&S Allocator			
17	Electric	200.3.c	439,875,046		(line 17 / line 20)		(line 16)		CE	
18	Gas	200.3.d	143,991,901		0.75338	*	0.06717	=	0.05060	
19	Water	200.3.e	0							
20	Total (sum lines 17 - 19)		583,866,947							
RETURN (R)										
21	Long Term Interest (117, sum of 56c through 60c)				\$					
					\$0					
22	Preferred Dividends (118.29c) (positive number)				\$					
					-					
Development of Common Stock:										
23	Proprietary Capital (112.14d)				0					
24	Less Preferred Stock (line 28)				0					
25	Less Account 216.1 (112.12d) (enter negative)				0					
26	Common Stock (sum lines 23-25)				0					
		\$	%		Cost		Weighted			
					(Note P)					
27	Long Term Debt (112, sum of 16d through 19d)	905,205,000	0.5246	0.0000	0.0587	0.0000	0.0308	=WCLTD		
28	Preferred Stock (112.3d)	0	0.0000	0.0000	0.0000	0.0000	0.0000			
29	Common Stock (line 26)	820,347,000	0.4754	0.0000	0.1125	0.0000	0.0535			
30	Total (sum lines 27-29)	1,725,552,000		0.0000	0.0000	0.0000	0.0843	=R		
REVENUE CREDITS										
							Load			
	ACCOUNT 447 (SALES FOR RESALE) (310-311) (Note Q)									
31	a. Bundled Non-RQ Sales for Resale (311.x.h)						220,080			
32	b. Bundled Sales for Resale included in Divisor on page 1						220,080			
33	Total of (a)-(b)						0			
34	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)						\$169,771			
	ACCOUNT 456 (OTHER ELECTRIC REVENUES) (330.x.n)									
35	a. Transmission charges for all transmission transactions						\$233,946			
36	b. Transmission charges for all transmission transactions included in Divisor on Page 1						\$161,004			
37	Total of (a)-(b)						\$72,942			

## Utilizing FERC Form 1 Data With 7-Factor Changes -EXCLUDES EXT. joint Plant Transmission Facilities

General Note: References to pages in this formulary rate are indicated as: (page#, line#, col #)  
References to data from FERC Form 1 are indicated as: #.y.x (page, line, column)

Note  
Letter

- A Peak as would be reported on page 401, column d of Form 1 at the time of the ISO coincident monthly peaks.
- B Labeled LF, LU, IF, IU on pages 310-311 of Form 1 at the time of the ISO coincident monthly peaks.
- C Labeled LF on page 328 of Form 1 at the time of the ISO coincident monthly peaks.
- D Labeled LF on page 328 of Form 1 at the time of the ISO coincident monthly peaks.
- E The FERC's annual charges for the year assessed the Transmission Owner for service under this tariff.
- F The balances in Accounts 190, 281, 282 and 283, as adjusted by any amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106 or 109. Balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note K. Account 281 is not allocated.
- G Identified in Form 1 as being only transmission related.
- H Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission at page 3, line 8, column 5. Prepayments are the electric related prepayments booked to Account No. 165 and reported on Pages 100-111 line 46 in the Form 1.
- I Line 5 - EPRI Annual Membership Dues listed in Form 1 at 353.f, all Regulatory Commission Expenses itemized at 351.h, and non-safety related advertising included in Account 930.1. Line 5a - Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting itemized at 351.h.
- J Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year. Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
- K The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = "the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) multiplied by (1/1-T) (page 3, line 26).
- |                  |       |   |
|------------------|-------|---|
| Inputs Required: | FIT = | 35 00%  |
|                  | SIT=  | 0 00% (State Income Tax Rate or Composite SIT)                      |
|                  | p =   | 0 00% (percent of federal income tax deductible for state purposes) |
- L Removes dollar amount of transmission expenses included in the OATT ancillary services rates, including all of Account No. 561.
- M Removes transmission plant determined by Commission order to be state-jurisdictional according to the seven-factor test (until Form 1 balances are adjusted to reflect application of seven-factor test).
- N Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed to be included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- O Enter dollar amounts
- P Debt cost rate = long-term interest (line 21) / long term debt (line 27). Preferred cost rate = preferred dividends (line 22) / preferred outstanding (line 28). ROE will be supported in the original filing and no change in ROE may be made absent a filing with FERC.
- Q Line 33 must equal zero since all short-term power sales must be unbundled and the transmission component reflected in Account No. 456 and all other uses are to be included in the divisor.
- R Includes income related only to transmission facilities, such as pole attachments, rentals and special use.
- S Grandfathered agreements whose rates have been changed to eliminate or mitigate pancaking - the revenues are included in line 4 page 1 and the loads are included in line 13, page 1. Grandfathered agreements whose rates have not been changed to eliminate or mitigate pancaking - the revenues are not included in line 4, page 1 nor are the loads included in line 13, page 1.
- T The revenues credited on page 1 lines 2-5 shall include only the amounts received directly (in the case of grandfathered agreements) or from the ISO (for service under this tariff) reflecting the Transmission Owner's integrated transmission facilities. They do not include revenues associated with FERC annual charges, gross receipts taxes, ancillary services, facilities not included in this template (e.g., direct assignment facilities and GSUs) which are not recovered under this Rate Formula Template.