

***Integrated System
Transmission and Ancillary Services
2010 Rate True-up Calculation***

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

Integrated System Transmission and Ancillary Services 2010 Rate True-up Calculation

True-up Calculation Work Sheet	1
IS Transmission Rates - 2010 Actual	2 - 4
IS Transmission Rates – 2010 Estimated.....	5 - 7
IS 2010 Load Data	8 - 10
Western’s 2010 Actual Revenue Requirement Template.....	11 - 15
Western’s 2010 Estimated Revenue Requirement Template	16 - 20
Basin Electric’s 2010 Actual Revenue Requirement Template.....	21 - 24
Basin Electric’s 2010 Estimated Revenue Requirement Template.....	25 - 28
Heartland’s 2010 Actual Revenue Requirement Template	29 - 33
Heartland’s 2010 Estimated Revenue Requirement Template	34 - 38
Missouri River Energy Services 2010 Actual Revenue Requirement Template	39 - 42
Missouri River Energy Services 2010 Estimated Revenue Requirement Template	43 - 46
NWPS 2010 Actual Revenue Requirement Template.....	47 - 51
NWPS 2010 Estimated Revenue Requirement Template.....	52 - 56

IS Revenue Requirement True-up - 2010 Rate

A.	Projected Revenue Requirement	\$ 163,521,251		2010 Revenue Requirement Estimate
B.	Actual Revenue Requirement	\$ 153,347,703		2010 Revenue Requirement Actual
C.	Revenue Requirement Over Collected	\$ 10,173,548		(A - B)
D.	Estimated Load	4,605,000		2010 Load Estimate
E.	Actual Load	4,625,000		2010 Actual Load
F.	Actual Load to Estimated Load Comparison	(20,000)		(D - E)
G.	Over collection due to volume	\$ 710,200		(A *(B / D) * -1)
H.	Over Collection of Revenue Requirement	\$ 10,173,548		C
I.	Over Collection due to Volume	\$ 710,200		G
J.	Total Over Collection	\$ 10,883,748		(C + G)

***Integrated System
Transmission Rates
2010 Actual***

**INTEGRATED SYSTEM
ANNUAL REVENUE REQUIREMENT
FOR TRANSMISSION SERVICE
Effective January 1, 2010 - Actual**

Line
No.

1			
2			
3	<u>Annual IS Transmission Costs</u>		<u>Notes</u>
4	Basin Electric	\$44,777,301	Basin Electric Revenue Requirement Template
5	Western	\$98,337,403	Western Revenue Requirement Template
6	Heartland	\$1,017,192	Heartland Revenue Requirement Template
7		\$144,131,896	L4 + L5 + L6
8			
9			
10	<u>Transmission Customer Facility Credits</u>		
11		\$5,944,012	MRES Revenue Requirement Template
12		\$3,271,795	NWPS Revenue Requirement Template
13		\$9,215,807	
14			
15			
16	<u>Annual Revenue Requirement for IS Transmission Service</u>		
17		\$153,347,703	L7 + L13
18			

**INTEGRATED SYSTEM
FIRM POINT-TO-POINT RATE DESIGN
Effective January 1, 2010 - Actual**

Line

No.

1			
2			
3	<u>Annual Revenue Requirement for IS Transmission Service</u>		<u>Notes</u>
4			
5		\$153,347,703	IS Annual Revenue Requirement for
6			Transmission Service Worksheet, L33
7			
8	<u>IS Transmission System Total Load</u>		
9			
10		4,625,000 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		\$2.76 / KW-Mo	L5 / L10 / 12 months

**INTEGRATED SYSTEM
NON-FIRM POINT-TO-POINT RATE DESIGN
Effective January 1, 2010 - Actual**

Line

No.

1		
2		
3	<u>Firm Point-to-Point Transmission Rate in \$/KW-Mo</u>	<u>Notes</u>
4		
5	\$2.76 / KW-Mo	IS Firm Point-to-Point Rate Design Worksheet, L15
6		
7		
8		
9	<u>Maximum Non-Firm Point-to-Point Transmission Rate</u>	
10	3.78 Mills/KWh	(L5 * 1000) / 730 hours per month

***Integrated System
Transmission Rates
2010 Estimated***

**INTEGRATED SYSTEM
ANNUAL REVENUE REQUIREMENT
FOR TRANSMISSION SERVICE
Effective January 1, 2010**

Line

No.

1			
2			
3	<u>Annual IS Transmission Costs</u>		<u>Notes</u>
4	Basin Electric	\$43,991,644	Basin Electric Revenue Requirement Template
5	Western	\$109,858,592	Western Revenue Requirement Template
6	Heartland	\$1,050,126	Heartland Revenue Requirement Template
7		\$154,900,362	L4 + L5 + L6
8			
9			
10	<u>Transmission Customer Facility Credits</u>		
11		\$5,843,088	MRES Revenue Requirement Template
12		\$2,777,801	NWPS Revenue Requirement Template
13		\$8,620,889	
14			
15			
16	<u>Annual Revenue Requirement for IS Transmission Service</u>		
17		\$163,521,251	L7 + L13
18			

**INTEGRATED SYSTEM
FIRM POINT-TO-POINT RATE DESIGN
Effective January 1, 2010**

Line

No.

1			
2			
3	<u>Annual Revenue Requirement for IS Transmission Service</u>		<u>Notes</u>
4			
5		\$163,521,251	IS Annual Revenue Requirement for
6			Transmission Service Worksheet, L33
7			
8	<u>IS Transmission System Total Load</u>		
9			
10		4,605,000 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		\$2.96 / KW-Mo	L5 / L10 / 12 months

**INTEGRATED SYSTEM
NON-FIRM POINT-TO-POINT RATE DESIGN
Effective January 1, 2010**

Line

No.

1		
2		
3	<u>Firm Point-to-Point Transmission Rate in \$/KW-Mo</u>	<u>Notes</u>
4		
5	\$2.96 / KW-Mo	IS Firm Point-to-Point Rate Design Worksheet, L15
6		
7		
8		
9	<u>Maximum Non-Firm Point-to-Point Transmission Rate</u>	
10	4.05 Mills/KWh	(L5 * 1000) / 730 hours per month

***Integrated System
Load Data***

2010 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	01/07/10	1900	4,662	488	5,150
2	02/10/10	800	4,464	499	4,963
3	03/02/10	800	3,980	494	4,474
4	04/08/10	800	3,418	501	3,919
5	05/24/10	1700	3,691	476	4,167
6	06/30/10	1700	4,165	476	4,641
7	07/27/10	1700	4,624	476	5,100
8	08/09/10	1700	4,665	476	5,141
9	09/01/10	1700	3,581	476	4,057
10	10/29/10	800	3,694	476	4,170
11	11/23/10	800	4,299	476	4,775
12	12/31/10	1800	<u>4,472</u>	476	4,948
13					
14	12 CP		4,143	483	4,625

2010 Integrated System Network Load

(MW)

Line No.	(1) Date	(2) Hour Ending	(3) Basin Network System Load	(4) Basin Corn Behr	(5) Basin NIMECA	(6) Western Network System Load	(7) Heartland Network System Load	(8) MRES	(9) NWFS	(10) XCEL	(11) NWMT	(12) MDU	(13) Minnesota	(14) SMEC	(15) Total IS Network Loads
1															
2	01/07/10	1900	1,739	221	63	1,806	112	364	276	0.731	63	9	0.063	7	4,662
3	02/10/10	800	1,637	202	60	1,791	108	349	259	0.730	49	4	0.063	5	4,464
4	03/02/10	800	1,408	189	54	1,677	97	285	223	0.604	42	2	0.048	2	3,980
5	04/08/10	800	1,134	165	43	1,524	87	242	185	1.681	33	2	0.055	1	3,418
6	05/24/10	1700	1,425	207	71	1,313	94	302	234	0.452	40	3	0.022	1	3,691
7	06/30/10	1700	1,691	186	56	1,533	98	282	259	0.604	53	3	0.025	5	4,165
8	07/27/10	1700	1,790	236	75	1,702	108	354	297	0.550	54	0.343	0.426	6	4,624
9	08/09/10	1700	1,838	225	70	1,677	107	367	292	0.585	60	3	0.030	6	4,665
10	09/01/10	1700	1,640	0	55	1,336	80	219	213	0.554	37	0	0.024	0	3,581
11	10/29/10	800	1,913	0	51	1,162	90	239	196	0.524	35	4	2.483	7	3,694
12	11/23/10	800	1,866	0	57	1,626	100	335	245	0.690	50	12	0.095	7	4,299
13	12/31/10	1800	2,023	0	53	1,652	92	323	242	0.886	54	12	2.754	4	4,472
14															
15															
			Average Monthly Peak IS Network Load	136	59	1,566	98	305	244	0.651	48	4	0.548	4	4,145
			2009 Network Load	208	55	1,588	95	288	236	0.612	48	0	0	4	3,740
			Difference	-72	4	-22	3	17	8	0	0	0	0	0	403
			Percent Change	-53.17%	7.01%	-1.42%	3.49%	5.73%	3.23%	5.98%	-0.92%				9.72%

**2010 IS Transmission System Total Load Estimate
Transmission Rate
(MW)**

4,605

***Western's
2010 Actual
Revenue Requirement Template***

Revenue Requirement - Non-Levelized

Revenue Requirement Template
Utilizing Financial Statement Results of Operations

For 12 Months Ending 9/30/2010

Western Area Power Administration - UGPR & RMR

Line No.				Allocated Amount
1	GROSS REVENUE REQUIREMENT (page 3, line 29)			\$ 118,403,406
	REVENUE CREDITS (Note R)	Total	Allocator	
2	Short-Term Firm Point-to-Point Transmission Service Credit	4,077,358	NA 1.00000	4,077,358
3	Non-Firm Point-to-Point Transmission Service Credit	12,956,858	NA 1.00000	12,956,858
4	Revenue from Existing Transmission Agreements	2,819,738	NA 1.00000	2,819,738
5	Scheduling, System Control, and Dispatch Service Credit	132,967	NA 1.00000	132,967
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			20,066,003
9	NET REVENUE REQUIREMENT (line 1 minus line 8)			\$ 98,337,403

Revenue Requirement - Non-Levelized

Revenue Requirement Template
Utilizing Financial Statement Results of Operations

For 12 Months Ending 9/30/2010

Western Area Power Administration - UGPR & RMR

Line No.	(1) RATE BASE:	(2) ROOs Reference	(3) Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)
	GROSS PLANT IN SERVICE (Note A)				
1	Production	Schedule 1A Total	19,848,134	NA	
2	Transmission	Schedule 1A Total	1,002,914,580	TP	1,002,914,580
3	Distribution	Schedule 1A Total	29,480,682	NA	
		Bal Sheet - Other Assets			
4	General & Intangible	- SGL 175002		WS	0
5	Common		0	CE	0
6	TOTAL GROSS PLANT (sum lines 1-5)		1,052,243,376	GP=	95.312%
	ACCUMULATED DEPRECIATION				
7	Production	Schedule 4	8,810,342	NA	
8	Transmission	Schedule 4	480,195,289	TP	480,195,289
9	Distribution	Schedule 4	14,104,208	NA	
		Bal Sheet - Other Assets			
10	General & Intangible	- SGL 175902	0	WS	0
11	Common		0	CE	0
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)		502,909,839		480,195,289
	NET PLANT IN SERVICE				
13	Production	(line 1 - line 7)	11,237,792		
14	Transmission	(line 2 - line 8)	522,719,291		522,719,291
15	Distribution	(line 3 - line 9)	15,376,454		
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)		549,333,537	NP=	95.155%
	ADJUSTMENTS TO RATE BASE (Note B)				
19	Account No. 281 (enter negative)		0		zero
20	Account No. 282 (enter negative)		0	NP	0.95155
21	Account No. 283 (enter negative)		0	NP	0.95155
22	Account No. 190		0	NP	0.95155
23	Account No. 255 (enter negative)		0	NP	0.95155
24	TOTAL ADJUSTMENTS (sum lines 19 - 23)		0		0
25	LAND HELD FOR FUTURE USE (Note C)		0	TP	1.00000
	WORKING CAPITAL (Note D)				
26	CWC	calculated	14,686,357		0
		Bal Sheet - Other Assets			
27	Materials & Supplies (Note C)	- SGL 151191	0	TE	0.00000
28	Prepayments	Bal Sheet Other Assets	0	GP	0.95312
29	TOTAL WORKING CAPITAL (sum lines 26 - 28)		14,686,357		0
30	RATE BASE (sum lines 18, 24, 25, and 29)		584,019,894		522,719,291

Revenue Requirement - Non-Levelized

Revenue Requirement Template
Utilizing Financial Statement Results of Operations

For 12 Months Ending 9/30/2010

Western Area Power Administration - UGPR & RMR

Line No.	(1)	(2)	(3)	(4)	(5)
	Results of Operation Reference	Company Total	Allocator	Transmission (Col 3 times Col 4)	
O&M					
1	Transmission (Note E)	Schedule 11			
1a	Western UGP	54,819,774	PTP/UGP 0.95284	52,043,905	
1b	Western RMR	37,464,083	PTP/RMR 0.00925	346,543	
2	Less Account 565 (Note E)		NA 1.00000	0	
3	A&G (Note F)	Schedule 11			
3a	Western UGP	16,482,532	PTP/UGP 0.95284	15,705,216	
3b	Western RMR	8,924,463	PTP/RMR 0.00925	82,551	
4	Less FERC Annual Fees	0	WS 1.00000	0	
5	Less EPRI & Reg. Comm. Exp. & Non-safety Ad (Note G)	0	WS 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)	117,490,852		68,178,215	
DEPRECIATION EXPENSE					
9	Transmission (Note E)	Schedule 4			
9a	Western UGP	24,155,989	PTP/UGP 0.95284	23,016,793	
9b	Western RMR	14,220,442	PTP/RMR 0.00925	131,539	
10	General	0	WS 1.00000	0	
11	Common	0	CE 0.00000	0	
12	TOTAL DEPRECIATION (Sum lines 9 - 11)	38,376,431		23,148,332	
TAXES OTHER THAN INCOME TAXES (Note H)					
LABOR RELATED					
13	Payroll	0	WS 1.00000	0	
14	Highway and vehicle	0	WS 1.00000	0	
PLANT RELATED					
16	Property	0	GP 0.95312	0	
17	Gross Receipts	0	zero	0	
18	Other	0	GP 0.95312	0	
19	Payments in lieu of taxes	0	GP 0.95312	0	
20	TOTAL OTHER TAXES (sum lines 13 - 19)	0		0	
INCOME TAXES (Note I)					
21	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$	0.00%	NA		
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 I.	0.00%			
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 0.95155	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)]	29,216,231	NA	27,076,859	
29	REV. REQUIREMENT (sum lines 8, 12,20,27,28)	185,083,514		118,403,406	

Revenue Requirement - Non-Levelized

Revenue Requirement Template
Utilizing Financial Statement Results of Operations

For 12 Months Ending 9/30/2010

Western Area Power Administration - UGPR & RMR

Line No	SUPPORTING CALCULATIONS AND NOTES				
TRANSMISSION PLANT INCLUDED IN IS RATES					
1	Total transmission plant (page 2, line 2, column 3)				1,002,914,580
2	Less transmission plant excluded from IS rates (Note K)				0
3	Less transmission plant included in OATT Ancillary Services (Note L)				0
4	<u>Transmission plant included in IS rates (line 1 less lines 2 & 3)</u>				<u>1,002,914,580</u>
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)				0
7	Less transmission expenses included in OATT Ancillary Services (Note J)				0
8	<u>Included transmission expenses (line 7 less line 6)</u>				<u>0</u>
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)					
		\$	TP	Allocation	
12	Production	0	0.00	0	
13	Transmission	18,007,067	1.00	18,007,067	
14	Distribution	0	0.00	0	
15	Other	0	0.00	0	W&S Allocator (\$ / Allocation)
16	<u>Total (sum lines 12-15)</u>	<u>18,007,067</u>		<u>18,007,067</u>	= 1.00000
PERCENTAGE OF TOTAL PLANT ALLOCATOR PTP (Note M)					
		\$			
17	Transmission Plant in Service UGP	896,591,067			
18	<u>Total Plant in Service UGP</u>	<u>1,045,919,863</u>			
19	UGP Percentage of Transmission Plant to Total Plant (line 17 divided by line 18)			PTP/UGP	= 0.95284
20	Transmission Plant in Service RMR	6,323,513			
21	<u>Total Plant in Service RMR</u>	<u>683,875,642</u>			
22	RMR Percentage of Transmission Plant to Total Plant (line 20 divided by line 21)			PTP/RMR	= 0.00925
COMMON PLANT ALLOCATOR (CE) (Note N)					
		\$		% Electric (line 17 / line 20)	Labor Ratio (line 16)
23	Electric	0		0.00000	1.00000 =
24	Gas	0			CE
25	Water	0			0.00000
26	<u>Total (sum lines 17-19)</u>	<u>0</u>			
RETURN (R)					
		\$			
27	Long Term Interest Schedule 5	\$33,126,850			
		\$	%	Cost (Note O)	Weighted
	HFD Sch's 21RX & 21X Col 8 Lines				
28	Long Term Debt	23,25,26,29,30	639,640,371	100%	0.0518 =WCLTD
29	Proprietary Capital			0%	0.1238 =R
30	<u>Total (sum lines 22-23)</u>		<u>639,640,371</u>	100%	
31				Proprietary Capital Cost Rate =	12.38%
32				TIER =	1.00
REVENUE CREDITS					
					Load
ACCOUNT 447 (SALES FOR RESALE)					
33	a. Bundled Non-RQ Sales for Resale (Note P)				0
34	b. Bundled Sales for Resale Included in Divisor on page 1				0
35	<u>Total of (a)-(b)</u>				<u>0</u>
36	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note Q)				79,082
ACCOUNT 456 (OTHER ELECTRIC REVENUES)					
37	a. Transmission charges for all transmission transactions				
38	b. Transmission charges for all transmission transactions included in Divisor on page 1				
39	<u>Total of (a)-(b)</u>		<u>14</u>		<u>\$0</u>

Revenue Requirement - Non-Levelized

Revenue Requirement Template
Utilizing Financial Statement Results of Operations

For 12 Months Ending 9/30/2010

Western Area Power Administration - UGPR & RMR

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 <u>Letter</u>	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.		
	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.		

***Western's
2010 Estimated
Revenue Requirement Template***

Revenue Requirement - Non-Levelized

Revenue Requirement Template
Utilizing Financial Statement Results of Operations

Est for 12 Months Ending 9/30/2010

Western Area Power Administration - UGPR & RMR

<u>Line No.</u>					<u>Allocated Amount</u>
1	GROSS REVENUE REQUIREMENT (page 3, line 29)				\$ 113,951,904
	REVENUE CREDITS (Note R)	<u>Total</u>		<u>Allocator</u>	
2	Short-Term Firm Point-to-Point Transmission Service Credit	8,523	NA	1.00000	8,523
3	Non-Firm Point-to-Point Transmission Service Credit	145,017	NA	1.00000	145,017
4	Revenue from Existing Transmission Agreements	3,337,273	NA	1.00000	3,337,273
5	Scheduling, System Control, and Dispatch Service Credit	523,417	NA	1.00000	523,417
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				<u>4,093,312</u>
9	NET REVENUE REQUIREMENT (line 1 minus line 8)				<u>\$ 109,858,592</u>

Revenue Requirement - Non-Levelized

Revenue Requirement Template
Utilizing Financial Statement Results of Operations

Est for 12 Months Ending 9/30/2010

Western Area Power Administration - UGPR & RMR

Line No.	(1)	(2) ROOs Reference	(3) Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)
	RATE BASE:				
	GROSS PLANT IN SERVICE (Note A)				
1	Production	Schedule 1A Total	19,570,800	NA	
2	Transmission	Schedule 1A Total	970,893,029	TP	1.00000
3	Distribution	Schedule 1A Total	30,395,401	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)		1,020,859,230	GP=	95.105%
	ACCUMULATED DEPRECIATION				
7	Production	Schedule 4	9,707,844	NA	
8	Transmission	Schedule 4	481,014,194	TP	1.00000
9	Distribution	Schedule 4	15,077,247	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)		505,799,285		
	NET PLANT IN SERVICE				
13	Production	(line 1 - line 7)	9,862,956		
14	Transmission	(line 2 - line 8)	489,878,835		
15	Distribution	(line 3 - line 9)	15,318,154		
16	General & Intangible	(line 4 - line 10)	0		
17	Common	(line 5 - line 11)	0		
18	TOTAL NET PLANT (sum lines 13-17)		515,059,945	NP=	95.111%
	ADJUSTMENTS TO RATE BASE (Note B)				
19	Account No. 281 (enter negative)		0		zero
20	Account No. 282 (enter negative)		0	NP	0.95111
21	Account No. 283 (enter negative)		0	NP	0.95111
22	Account No. 190		0	NP	0.95111
23	Account No. 255 (enter negative)		0	NP	0.95111
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	13,212,510		
		Bal Sheet - Other Assets			
27	Materials & Supplies (Note C)	- SGL 151191	0	TE	0.00000
28	Prepayments	Bal Sheet Other Assets	0	GP	0.95105
29	TOTAL WORKING CAPITAL (sum lines 26 - 28)		13,212,510		
30	RATE BASE (sum lines 18, 24, 25, and 29)		528,272,455		

Revenue Requirement - Non-Levelized

Revenue Requirement Template
Utilizing Financial Statement Results of Operations

Est for 12 Months Ending 9/30/2010

Western Area Power Administration - UGPR & RMR

Line No.	(1)	(2)	(3)	(4)	(5)
	Results of Operation Reference	Company Total	Allocator		Transmission (Col 3 times Col 4)
O&M					
1	Transmission (Note E)	Schedule 11			
1a	Western UGP		48,746,696	PTP/UGP 0.95105	46,360,545
1b	Western RMR		31,175,667	PTP/RMR 0.01027	320,176
2	Less Account 565 (Note E)			NA 1.00000	0
3	A&G (Note F)	Schedule 11			
3a	Western UGP		17,049,060	PTP/UGP 0.95105	16,214,509
3b	Western RMR		8,728,433	PTP/RMR 0.01027	89,641
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)		<u>105,700,076</u>		<u>62,984,871</u>
DEPRECIATION EXPENSE					
9	Transmission (Note E)	Schedule 4			
9a	Western UGP		25,364,078	PTP/UGP 0.95105	24,122,506
9b	Western RMR		14,228,852	PTP/RMR 0.01027	146,130
10	General		0	W/S 1.00000	0
11	Common		0	CE 0.00000	0
12	TOTAL DEPRECIATION (Sum lines 9 - 11)		<u>39,592,930</u>		<u>24,268,636</u>
TAXES OTHER THAN INCOME TAXES (Note H)					
LABOR RELATED					
13	Payroll		0	W/S 1.00000	0
14	Highway and vehicle		0	W/S 1.00000	0
PLANT RELATED					
16	Property		0	GP 0.95105	0
17	Gross Receipts		0	zero	0
18	Other		0	GP 0.95105	0
19	Payments in lieu of taxes		0	GP 0.95105	0
20	TOTAL OTHER TAXES (sum lines 13 - 19)		<u>0</u>		<u>0</u>
INCOME TAXES (Note I)					
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 1.					
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 0.95111	0
27	Total Income Taxes (line 25 plus line 26)		<u>0</u>		<u>0</u>
28	RETURN [Rate Base (page 2, line 30) * Rate of Return (page 4, line 30)]		28,790,849	NA	26,698,397
29	REV. REQUIREMENT (sum lines 8, 12,20,27,28)		<u>174,083,855</u>		<u>113,951,904</u>

Revenue Requirement - Non-Levelized

Revenue Requirement Template
Utilizing Financial Statement Results of Operations

Est for 12 Months Ending 9/30/2010

Western Area Power Administration - UGPR & RMR

Line
No.

SUPPORTING CALCULATIONS AND NOTES

TRANSMISSION PLANT INCLUDED IN IS RATES

1	Total transmission plant (page 2, line 2, column 3)		970,893,029
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)		970,893,029
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)

	\$	TP	Allocation	
12	Production	0	0.00	0
13	Transmission	18,904,344	1.00	18,904,344
14	Distribution	0	0.00	0
15	Other	0	0.00	0
16	Total (sum lines 12-15)	18,904,344		18,904,344 = 1.00000

W&S Allocator
(\$ / Allocation)

PERCENTAGE OF TOTAL PLANT ALLOCATOR PTP (Note M)

	\$		
17	Transmission Plant in Service UGP	970,893,029	
18	Total Plant in Service UGP	1,020,859,230	
19	UGP Percentage of Transmission Plant to Total Plant (line 17 divided by line 18)		PTP/UGP = 0.95105
20	Transmission Plant in Service RMR	6,296,120	
21	Total Plant in Service RMR	612,929,825	
22	RMR Percentage of Transmission Plant to Total Plant (line 20 divided by line 21)		PTP/RMR = 0.01027

COMMON PLANT ALLOCATOR (CE) (Note N)

	\$	% Electric (line 17 / line 20)	Labor Ratio (line 16)	CE
23	Electric	0		
24	Gas	0	0.00000	
25	Water	0		
26	Total (sum lines 17-19)	0	1.00000 =	0.00000

RETURN (R)

27	Long Term Interest Schedule 5	\$33,461,987
----	-------------------------------	--------------

	\$	%	Cost (Note O)	Weighted
28	Long Term Debt	613,591,483	100%	0.0545 =WCLTD
29	Proprietary Capital		0%	0.0000
30	Total (sum lines 22-23)	613,591,483	100%	0.0545 =R

Proprietary Capital Cost Rate = 12.38%
TIER = 1.00

REVENUE CREDITS

		Load
33	ACCOUNT 447 (SALES FOR RESALE)	
	a. Bundled Non-RQ Sales for Resale (Note P)	0
34	b. Bundled Sales for Resale included in Divisor on page 1	0
35	Total of (a)-(b)	0

36	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note Q)	79,082
----	--	--------

ACCOUNT 456 (OTHER ELECTRIC REVENUES)

37	a. Transmission charges for all transmission transactions	
38	b. Transmission charges for all transmission transactions included in Divisor on page 1	
39	Total of (a)-(b)	\$0

Revenue Requirement - Non-Levelized

Revenue Requirement Template
 Utilizing Financial Statement Results of Operations

Est for 12 Months Ending 9/30/2010

Western Area Power Administration - UGPR & RMR

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.

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
2010 Actual
Revenue Requirement Template***

	Total	IS	West (MBPP)	Other
	Transmission	Transmission	Transmission	
	\$ 76,994,929	\$ 45,066,701	\$ 7,434,204	\$ 24,505,149
		\$ (6,943,569)		

	Total
	Transmission
	\$ 76,994,929

Line No. 1 **GROSS REVENUE REQUIREMENT (page 3, line 28)**
 (MBPP West Excluded - 1-065997)

	Total	Allocator
\$ (877,567) TP		1,00000
TP		1,00000

REVENUE CREDITS
 2 Third Party Receipts
 3
 4 Third Party Payments
 (line 2 + 4)
 5
 6 **NET REVENUE REQUIREMENT**
 (line 1+ 5)

7 **TOTAL REVENUE REQUIREMENT WITH MBPP EAST**

\$ (877,567)	
\$ 97,532	
\$ (780,035)	
44,286,886	490,635
	24,505,149
\$ 44,777,301	

Revenue Requirement Worksheet
Average Plant RUS form 12 Data
BASIN ELECTRIC POWER COOPERATIVE

For the twelve months ended 12/31/2010

Page 2

Line #	(1)	(2)	(3)	(4)	(4a)	(5)	(6)	(7)	(8)
		Worksheets		Allocator A	Allocator B	Total Trans	IS Transmission	West (MBPP) Transmission	Other
	GROSS PLANT IN SERVICE (Note A)								
1	Production	Worksheet 1, L. 1, C. c	2,021,665,957	NA	NA	-	-	-	-
2	Transmission	Worksheet 1, L. 2, C. c	536,403,460	DA	DA	636,403,460	362,202,765	91,475,634	182,725,061
3	Distribution			NA	NA	-	-	-	-
4	General			DA	DA	28,370,404	20,861,599	3,205,869	4,282,936
4a	Direct Assign - Transmission (Note B)	Worksheet 1, L. 3, C. c	132,835,813	DA	DA	-	-	-	-
4b	Direct Assign - Production		28,370,404	NA	NA	-	-	-	-
4c	Other		40,766,696	WS	WS	7,720,770	4,394,200	1,106,771	2,216,789
4d	Intangible	Worksheet 1, L. 4, C. c	63,698,713	WS	WS	68,982,595	32,102,767	2,617,629	34,262,189
5	TOTAL GROSS PLANT (sum lines 1, 2, 4, 5)	Worksheet 1, L. 5, C. c	<u>74,952,846</u>	DA	DA	<u>68,982,595</u>	<u>419,581,331</u>	<u>98,408,903</u>	<u>223,486,995</u>
6			<u>\$ 2,865,756,076</u>		GPI		56.914%	14.374%	28.712%
	ACCUMULATED DEPRECIATION								
7	Production (Note A)	Worksheet 1, L. 6, C. c	1,056,456,311	NA	NA	-	-	-	-
8	Transmission	Worksheet 1, L. 7, C. c	266,680,951	DA	DA	266,680,951	183,814,890	52,462,058	30,404,003
9	Distribution			NA	NA	-	-	-	-
10	General		93,426,900	DA	DA	16,480,505	12,463,628	2,355,137	1,661,742
10a	Direct Assign - Transmission		16,480,505	NA	NA	-	-	-	-
10b	Direct Assign - Production		31,037,170	WS	WS	5,564,549	3,167,008	799,839	1,597,702
10c	Other		45,909,225	WS	WS	45,221,224	20,736,001	1,308,251	23,176,972
11	Intangible	Worksheet 1, L. 9, C. c	45,909,225	DA	DA	45,221,224	220,181,525	56,925,285	56,840,415
12	TOTAL ACCUM. DEPR (sum lines 7, 8, 10, 11)	Worksheet 1, L. 10, C. c	<u>\$ 1,462,523,045</u>			<u>\$ 333,847,229</u>			
	NET PLANT IN SERVICE								
13	Production	(line 1 - line 7)	965,209,646	AUTO	AUTO	389,722,510	178,387,875	39,013,576	152,321,058
14	Transmission	(line 2 - line 8)	369,722,509	AUTO	AUTO	-	-	-	-
15	Distribution	(line 3 - line 9)		AUTO	AUTO	-	-	-	-
16	General	(line 4 - line 10)	39,408,913	AUTO	AUTO	11,889,899	8,417,973	850,732	2,621,194
16a	Direct Assign	(line 4a - line 10a)	11,889,899	AUTO	AUTO	-	-	-	-
16b	Production	(line 4b - line 10b)	9,729,525	AUTO	AUTO	2,156,222	1,227,192	309,932	619,097
16c	Other	(line 4c - line 10c)	17,889,488	AUTO	AUTO	23,761,371	11,366,766	1,308,378	11,065,227
17	Intangible	(line 5 - line 11)	28,893,963	AUTO	AUTO	-	-	-	-
18	TOTAL NET PLANT (sum lines 13, 14, 16, 17)		<u>\$ 1,403,235,031</u>			<u>\$ 407,530,002</u>	<u>\$ 199,395,806</u>	<u>\$ 41,483,618</u>	<u>\$ 166,646,576</u>
	WORKING CAPITAL								
19	CWC (Note C)	one eighth of line 9, page 3	9,525,050	DA	DA	3,928,378	2,712,131	384,505	831,742
20	Maintenance & Supplies Transmission	12b, Section G, L. 4, L. 5, C. d	5,978,297	GPI	GPI	5,978,297	3,402,489	859,311	1,716,497
21	Prepayments (Note C)	12a, B. 25		WS	WS	-	-	-	-
22	TOTAL WORKING CAPITAL (sum lines 19-21)		<u>\$ 15,503,347</u>			<u>\$ 9,906,675</u>	<u>\$ 6,114,620</u>	<u>\$ 1,243,816</u>	<u>\$ 2,548,239</u>
23	Rate Base		<u>\$ 1,418,738,378</u>			<u>\$ 417,436,677</u>	<u>\$ 205,514,426</u>	<u>\$ 42,727,434</u>	<u>\$ 169,194,815</u>

Revenue Requirement Worksheet
Average Plant RUS form 12 Data
BASIN ELECTRIC POWER COOPERATIVE

For the twelve months ended 12/31/2010

Line No.	(1)	(2)	(3)	Company Total	Allocator A	(4)	(5) Total - Transmission	(6)	(7)	(8)
	O&M									
1	Transmission less Account 565	12, L18 C 3 & b, Less L 8 C a	24,785,904		DA	100.000%	13,624,733	10,404,465	2,288,240	932,028
2	Direct Assignment (Note D)	Accounting Records	13,624,733		TPW	100.000%	11,161,171	7,418,610	-	3,742,561
3	Other	Accounting Records	11,161,171							
4	A&G	12a, Section A, L 14 C b	51,414,452		NA	0.000%	-	-	-	-
5	Less Regulatory Fees (Note E)	Accounting Records	160,640		NA	0.000%	-	-	-	-
6	Production	Accounting Records	2,570,054		NA	0.000%	-	19,669	787,798	34,913
7	Transmission (Note F)	Accounting Records	842,360		DA/TPW		842,360	3,854,308	-	1,944,432
8	Headquarters (Note G)	Accounting Records	47,841,378		WS	12.121%	5,788,740	-	-	-
9	TOTAL O&M (sum lines 1 and 4)		\$ 76,200,396				\$ 31,427,024	\$ 21,697,052	\$ 3,076,038	\$ 6,653,934
	DEPRECIATION & AMORTIZATION EXPENSE									
10	Depreciation and Amortization Expense	12a, Section A, L 22 C b								
11	Transmission	Accounting Records	11,147,383		DA	100.000%	11,147,383	5,053,667	1,176,558	4,917,158
12	Production	Accounting Records	33,289,356		NA	0.000%	-	-	-	-
13	General Plant	Accounting Records	8,470,886		NA	0.000%	-	-	-	-
14	Transmission	Accounting Records	1,719,123		DA	100.000%	1,719,123	1,206,607	180,850	331,666
15	Production	Accounting Records	3,246,261		NA	0.000%	-	-	-	-
16	Other General Plant	Accounting Records	3,505,502		WS	12.121%	424,894	241,824	61,074	121,996
17	Other Amortization	Accounting Records	2,246,315		DA	100.000%	1,507,194	911,148	65,397	930,649
18	TOTAL (sum lines 10,13,17)		\$ 55,153,940				\$ 15,198,594	\$ 7,413,246	\$ 1,463,879	\$ 6,301,469
	TAXES OTHER THAN INCOME TAXES									
19	PLANT RELATED	12a.A.23 C.b (less income tax)								
20	Property total	Accounting Records	2,288,218		NA	0.000%	-	-	-	-
21	Tax Reconciliation	Accounting Records	2,288,217		DA	100.000%	2,288,217	2,125,282	-	162,935
22	Gross Receipts (Note H)	Accounting Records	2,288,217		NA	0.000%	-	-	-	-
23	Production									
24	TOTAL OTHER TAXES		\$ 2,288,217				\$ 2,288,217	\$ 2,125,282	\$ -	\$ 162,935
25	TOTAL OPERATING EXPENSES (Sum 9+18+24)		\$ 133,642,553				\$ 48,913,835	\$ 31,295,560	\$ 4,559,917	\$ 13,116,338
26	Return		\$ 95,481,093		WCC	Rate Base	\$ 28,093,488	\$ 13,831,121	\$ 2,875,556	\$ 11,386,611
27	REV. REQUIREMENT (sum lines 25+26)		\$ 229,123,646				\$ 77,007,323	\$ 45,066,701	\$ 7,435,473	\$ 24,503,149

A & G Allocation

WAGES AND SALARY ALLOCATOR (WS)

Line #	(1) From Accounting Report	(2)	(3)	(4)	(5) Percent	(6) IS	(7) West (MBPP) Transmission	(8) Other
1	Production	Accounting Records	TOTAL	Allocator		\$3,007,560	\$1,109,147	1,403,434
2	Transmission-East	Accounting Records	225,620			56.914%	14.374%	28.712%
3	Transmission-West	Accounting Records	406,558	WS	Trans % of total wages			
4	Transmission-Allocated	Accounting Records	4,887,971	TPW	Trans % excluding MBPP West			
5	Distribution							
6	Other Transmission				(Note G)			
7	Total Wages and Salaries (sum lines 1-6) (exclude adm)		\$45,542,914					

Transmission Wage and Salary Dollar Split

Line #	Description	Weighted Cost of Capital	Percent	Rate	Weighted cost
8	IS Transmission Plant (p.2.c.6 L.2)	362,202,765	72.55%	5.17%	3.75%
9	West (MBPP) Transmission Plant (p.2.c.7 L.2)	91,475,634	27.45%	10.85%	2.98%
10	Other Transmission Plant (p.2.c.8 L.2)	182,725,061			
11	Total (sum lines 8-10)	\$636,403,460	100.00%		6.73%

24

Note

- A Line 1, page 2 excludes \$1,922,004 and is included in line 2, page 2. Line 2 also includes \$2,825,408 transmission acquisition adjustment
- B Accumulated Depreciation for 275,097, associated with the \$1,922,004 is excluded in line 7 and added to line 8
- 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 E-B
- E Prepayments are the electric related prepayments booked to Account No. 155 and reported on Section B, line 24, on the RUS 12 form.
- F Includes Lease payments of \$4,140,536 for member facilities in the IS system and O&M that is charged to specific lines or substations.
- G Line 5 - Regulatory Commission expenses directly related to transmission service, ISO filings, or transmission siting
- H A&G costs directly allocated to MBPP - Costs split between MBPP Production and MBPP Transmission based on MBPP Weights
- I Includes O&S costs for West Side and Common Use System plus legal fees for transmission
- J West (MBPP) plant for \$91,475,634 is excluded in the percentage calculations on page 4, GP2, columns 6, 7, and 8 for A&G and transmission O&M allocation as these are directly allocated to MBPP
- K SD Gross receipts taxes paid in lieu of property with a portion directly assigned to Common Use System (CUS)
- L Payroll taxes are included in the RUS 520 series of accounts along with the labor costs. ND Trans Line tax is included in O&M, line 2
- M Equity percent as a percent of total long term debt plus current portion of long term debt plus equity.

***Basin Electric's
2010 Estimated
Revenue Requirement Template***

Line No.	REVENUE CREDITS	Total Transmission	IS Transmission	West (MSPP) Transmission	Other Transmission
1	GROSS REVENUE REQUIREMENT (page 3, line 28) (MBPP West Excluded - 1-0565997)	\$ 84,082,625	\$ 44,328,373	\$ 8,572,116	\$ 31,182,136
2	Third Party Receipts				
3					
4	Third Party Payments		\$ 97,532		
5					
6	NET REVENUE REQUIREMENT (line 2 + 4) (line 1 + 5)		\$ 43,425,905	\$ 565,736	\$ 31,182,136
7	TOTAL REVENUE REQUIREMENT WITH MBPP EAST		\$ 43,991,639		

Total	Allocator
TP	1,00000
TP	1,00000

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

Projections for 2010

Page 2

(1)	(2) Worksheets	(3)	(4) Allocator A	(5) Total Trans	(6) IS Transmission	(7) West (MBPP) Transmission	(8) Other Transmission
GROSS PLANT IN SERVICE (Note A)							
1	Production		NA	0.000%	NA	-	-
2	Transmission	2,446,635,528	NA	100.000%	NA	364,446,406	216,840,852
3	Distribution	673,787,258	DA	0.000%	NA	92,500,000	-
4	General	-	NA	0.000%	NA	-	-
4a	Direct Assign - Transmission (Note B)	131,354,247	DA	100.000%	DA	4,181,570	15,572,132
4b	Direct Assign - Production	48,584,890	NA	0.000%	NA	-	-
4c	Other	23,130,076	WS	11.263%	GP1	922,158	2,161,747
5	Intangible	59,639,281	DA	100.000%	DA	2,617,629	34,382,020
6	TOTAL GROSS PLANT (sum lines 1,2,4,5)	\$ 3,323,460,213			GF1	\$ 100,221,357	\$ 266,936,751
						54.089%	32.182%
ACCUMULATED DEPRECIATION							
7	Production	1,085,942,527	NA	0.000%	NA	-	-
8	Transmission	275,397,227	DA	100.000%	DA	52,424,325	34,374,725
9	Distribution	-	NA	0.000%	NA	-	-
10	General	101,075,646	DA	100.000%	DA	3,199,998	3,493,847
10a	Direct Assign - Transmission	28,760,846	NA	0.000%	NA	-	-
10b	Direct Assign - Production	20,408,859	WS	11.263%	GP1	802,583	1,861,436
10c	Other	51,905,941	DA	100.000%	DA	1,854,209	18,118,277
11	Intangible	45,750,724	DA	100.000%	DA	58,280,115	57,824,285
12	TOTAL ACCUM. DEPR (sum lines 7,8,10,11)	\$ 1,508,166,124				\$ 58,280,115	\$ 77,824,285
NET PLANT IN SERVICE							
13	Production	1,360,693,001	AUTO		AUTO	-	-
14	Transmission	398,390,031	AUTO		AUTO	175,846,229	182,466,127
15	Distribution	-	AUTO		AUTO	-	-
16	General	30,278,801	AUTO		AUTO	6,719,187	12,122,285
16a	Direct Assign	19,824,044	AUTO		AUTO	582,572	-
16b	Production	2,721,217	AUTO		AUTO	119,575	260,311
16c	Other	7,733,340	AUTO		AUTO	763,420	16,243,743
17	Intangible	25,932,656	AUTO		AUTO	192,847,344	211,172,486
18	TOTAL NET PLANT (sum lines 13, 14, 16, 17)	\$ 1,815,294,288				\$ 41,941,242	\$ 211,172,486
WORKING CAPITAL							
19	CWC (Note C)	9,814,077	DA	100.000%	DA	2,091,932	1,046,396
20	Materials & Supplies Transmission	5,643,975	GP	100.000%	GP1	3,052,783	774,826
21	Prepayments (Note C)	-	GP		GP	-	-
22	TOTAL WORKING CAPITAL (sum lines 19-21)	\$ 15,458,052				\$ 5,144,715	\$ 2,862,761
23	Rate Base (sum lines 18 and 22)	\$ 1,830,752,341				\$ 497,992,059	\$ 213,975,227

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

Projections for 2010

Page 3

Line No.	(1)	(2)	(3)	(4)	(5)	(6a)	(6)	(7)	(8)
		Reference	Company Total	Allocator A	Total Transmission	Allocator B	IS Transmission	West (MIBPP) Transmission	Other Transmission
1	OS&M								27
2	Transmission less sub-account 555	Expense Worksheet #3, L 7&16, C 1	21,004,511	DA	11,105,760	DA	8,289,854	1,928,915	891,891
3	Direct Assignment (Note D)	Accounting Records	11,105,760	TPW	9,898,751	TPW	4,964,917	-	4,933,834
4	Other	Expense Worksheet L. 11, C.b	57,508,198	NA	-	NA	-	-	98,333
5	A&G	Accounting Records	533,335	DA	98,333	DA	-	-	98,333
5a	Less Regulatory Fees (Note E)	Accounting Records	98,333	DA	-	DA	-	-	-
6	Regulatory fees	Accounting Records	2,114,776	NA	-	NA	-	-	-
7	Production	Accounting Records	1,377,610	DA/TPW	1,377,610	DA/TPW	234,391	631,132	512,087
8	Transmission (Note F)	Accounting Records	53,384,054	WS	6,012,846	GP1	3,252,195	825,438	1,935,013
9	Headquarters		78,512,619		28,493,100		16,735,457	3,386,485	8,371,158
10	TOTAL OS&M (sum lines 2, 3, 5, 5a, 6, 7, 8)		\$ 78,512,619		\$ 28,493,100		\$ 16,735,457	\$ 3,386,485	\$ 8,371,158
10	DEPRECIATION & AMORTIZATION EXPENSE								
11	Depreciation and Amortization Expense	Accounting Records	52,358,387	100.0000%	15,497,470	DA	8,416,789	1,665,221	5,955,460
12	Transmission	Accounting Records	15,497,470	0.0000%	-	NA	-	-	-
13	Production	Accounting Records	52,358,387	0.0000%	-	NA	-	-	-
14	General Plant	Accounting Records	7,194,946	100.0000%	1,996,318	DA	1,233,193	190,606	512,519
15	Transmission	Accounting Records	1,936,318	0.0000%	-	NA	-	-	-
16	Production	Accounting Records	1,052,309	0.0000%	473,724	GP1	256,234	65,035	152,456
17	Other General Plant	Accounting Records	4,206,019	11.2653%	1,837,354	DA	841,387	65,397	590,570
18	Other Amortization	Expense Worksheet #3, L 20, C.b	1,837,673	100.0000%	1,837,673	DA	10,747,613	2,006,259	6,991,005
19	TOTAL (sum lines 10.13.17)		\$ 76,974,176		\$ 19,744,876		\$ 10,747,613	\$ 2,006,259	\$ 6,991,005
19	TAXES OTHER THAN INCOME TAXES								
20	PLANT RELATED								
21	Property tax	2008 RUS Form 12 less inc tx	2,303,288	0.0000%	2,303,288	NA	2,253,288	-	50,000
22	Tax Reclassification	Accounting Records	-	0.0000%	-	DA	-	-	-
23	Gross Receipts (Note G)	2008 RUS Form 12	2,303,288	0.0000%	2,303,288	NA	2,253,288	-	50,000
24	Production		-		-		-	-	-
24	TOTAL OTHER TAXES		\$ 1,489,303		\$ 2,303,288		\$ 2,253,288	\$ -	\$ 50,000
25	TOTAL OPERATING EXPENSES (sum 9+18+24)		\$ 156,890,988		\$ 50,541,264		\$ 28,736,358	\$ 5,392,744	\$ 15,412,162
26	Return		\$ 134,925,448		\$ 35,541,361		\$ 14,592,015	\$ 3,179,372	\$ 15,769,974
27	REV. REQUIREMENT (sum lines 25+26)		\$ 291,816,436		\$ 84,082,625		\$ 44,328,373	\$ 8,572,116	\$ 31,182,136

A & G Allocation

Line #	(1) From Accounting Report	(2)	(3)	(4) Allocator	(5) Percent	(6) IS Transmission	(7) West (MBPP) Transmission	(8) Other Transmission
1	Production	Accounting Records	39,025,624			\$2,266,978	\$433,400	\$2,252,765
2	Transmission-East	Accounting Records	211,446					
3	Transmission-West	Accounting Records	433,400					
4	Transmission-Allocated	Accounting Records	4,306,297	11.263%		54,089%	13.728%	32.182%
5	Distribution							
6	Other Transmission					50.157%	0.000%	49.843%
7	Total Wages and Salaries (sum lines 1-6) (exclude adm)		\$43,978,767			45.768%	8.750%	45.482%

Line #	Description	Weighted Cost of Capital	Percent	Rate	Weighted cost
8	IS transmission Plant (p.2.c.5.L.14, 16a, 17)	3,156,298,088	72.86%	6.08%	4.43%
9	West (MBPP) Transmission Plant (p.2.c.7.L.14, 16a, 17)	1,175,430,734	27.14%	10.85%	2.94%
10	Other transmission Plant (p.2.c.8.L.14, 16a, 17)	4,331,728,822	100.00%		7.37%
11	Total (sum lines 8-10)				
12	Percent of IS to Total Transmission (Note H)		47.711%		
13	Percent of Other to total Transmission (Line 10/Line 11-9)		52.289%		
14	IS Trans Wage & Salary Dollar (L.4 lines L.11)	2,055,532			
15	West Trans Wage & Salary Dollar (no allocation)				
16	Other Transmission Wage & Salary (L.4 lines L.12)	2,252,765			
17	Total Transmission Wage and Salary Allocated (L-4)	\$4,308,297			

Note

- 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-B. 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 \$4,319,842 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 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.
- H West (MBPP) net plant (\$41,821,668) 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 long term debt plus current portion of long term debt plus equity.

***Heartland's
2010 Actual
Revenue Requirement Template***

Revenue Requirement - Non-Levelized

Revenue Requirement Template
Annual Transmission Revenue Requirement
Heartland Consumers Power District

For the 12 months ending 12/31/2010

<u>Line No.</u>					<u>Allocated Amount</u>
1	GROSS REVENUE REQUIREMENT	(page 3, line 29)			\$ 1,053,849
	REVENUE CREDITS	(Note P)	<u>Total</u>	<u>Allocator</u>	
2	Account No. 454	(page 4, line 30)	24,738	TP 0.52108	\$12,890
3	Account No. 456.1	(page 4, line 33)	0	TP 0.52108	0
4	Revenue From Existing Transmission Agreements		23,767	NA 1.00000	23,767
5	Transmission Service Credits		0	NA 1.00000	0
6	TOTAL REVENUE CREDITS				<u>36,657</u>
	NET REVENUE REQUIREMENT	(line 1 minus line 6)			<u>\$ 1,017,192</u>

Revenue Requirement - Non-Levelized		Revenue Requirement Template Annual Transmission Revenue Requirement			For the 12 months ending 12/31/2010	
Heartland Consumers Power District						
Line No.	(1)	(2)	(3)	(4)	(5) Transmission (Col 3 times Col 4)	
		Reference	Company Total	Allocator		
RATE BASE:						
GROSS PLANT IN SERVICE						
1	Production	Schedule A	41,797,899	NA		
2	Transmission	Schedule A	14,570,251	TP	0.52108	7,592,266
3	Distribution		0	NA		
4	General & Intangible	Schedule A	5,425,652	W/S	0.06760	434,374
5	Common		0	CE	0.06760	0
6	TOTAL GROSS PLANT (sum lines 1-5)		62,793,802	GP=	12.783%	8,026,640
ACCUMULATED DEPRECIATION						
7	Production	Schedule A	31,135,354	NA		
8	Transmission	Schedule A	10,524,627	TP	0.52108	5,484,173
9	Distribution		0	NA		
10	General & Intangible	Schedule A	2,467,546	W/S	0.06760	166,806
11	Common		0	CE	0.08760	0
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)		44,127,527			5,650,979
NET PLANT IN SERVICE						
13	Production	(line 1 - line 7)	10,662,545			
14	Transmission	(line 2 - line 8)	4,045,624			2,108,093
15	Distribution	(line 3 - line 9)	0			
16	General & Intangible	(line 4 - line 10)	3,958,106			267,568
17	Common	(line 5 - line 11)	0			0
18	TOTAL NET PLANT (sum lines 13-17)		18,666,275	NP=	12.727%	2,375,661
ADJUSTMENTS TO RATE BASE (Note A)						
19	Account No. 281 (enter negative)		0		zero	0
20	Account No. 282 (enter negative)		0	NP	0.12727	0
21	Account No. 283 (enter negative)		0	NP	0.12727	0
22	Account No. 190		0	NP	0.12727	0
23	Account No. 255 (enter negative)		0	NP	0.12727	0
24	TOTAL ADJUSTMENTS (sum lines 19 - 23)		0			0
25	LAND HELD FOR FUTURE USE (Note B)		0	TP	0.52108	0
WORKING CAPITAL (Note C)						
26	CWC		447,357			50,188
27	Materials & Supplies (Note B)		0	TE	1.00000	0
28	Prepayments		333,617	GP	0.12783	42,646
29	TOTAL WORKING CAPITAL (sum lines 26 - 28)		780,974			92,832
30	RATE BASE (sum lines 18, 24, 25, and 29)		19,447,249			2,468,493

Revenue Requirement Template
Annual Transmission Revenue Requirement
Heartland Consumers Power District
For the 12 months ending 12/31/2010

Line No.	(1)	(2) Reference	(3) Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)
O&M					
1	Transmission	Schedule A	229,046	TE	229,046
1a	Less LSE Expenses included in Transmission O&M Accounts (Note D)		0		0
2	Less Account 565	Schedule A	57,925	NA	57,925
3	A&G (Note G)	Schedule A	3,407,737	W/S	230,363
4	Less FERC Annual Fees		0	W/S	0
5	Less EPRI & Reg. Comm. Exp. & Non-safety Ad (Note E)		0	W/S	0
5a	Plus Transmission Related Reg. Comm. Exp. (Note E)		0	TE	0
6	Common		0	CE	0
7	Transmission Lease Payments		0	NA	0
8	TOTAL O&M (sum lines 1, 3, 5a, 6, 7 less 2, 4, 5)		<u>3,578,857</u>		<u>401,484</u>
DEPRECIATION EXPENSE					
9	Transmission	Schedule A	846,400	TP	442,084
10	General	Schedule A	171,552	W/S	11,597
11	Common		0	CE	0
12	TOTAL DEPRECIATION (Sum lines 9 - 11)		<u>1,019,952</u>		<u>453,681</u>
TAXES OTHER THAN INCOME TAXES (Note F)					
LABOR RELATED					
13	Payroll	Schedule A	85,904	W/S	5,807
14	Highway and vehicle		0	W/S	0
PLANT RELATED					
16	Property	Schedule A	160,964	GP	20,576
17	Gross Receipts		0	NA	0
18	Other		0	GP	0
19	Payments in lieu of taxes		0	GP	0
20	TOTAL OTHER TAXES (sum lines 13 - 19)		<u>246,868</u>		<u>26,383</u>
INCOME TAXES (Note G)					
21	$T = 1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\}$		0.00%	NA	
22	$CIT = (T / (1 - T)) * (1 - (WCLTD / R))$ where WCLTD = (page 4, line 27) and R = (page 4, line 30) and FIT, SIT & p are as given in footnote G.		0.00%		
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
27	Total Income Taxes (line 25 plus line 26)		<u>0</u>		<u>0</u>
28	RETURN [Rate Base (page 2, line 30) * Rate of Return (page 4, line 24)]		1,357,418	NA	172,301
29	REV. REQUIREMENT (sum lines 8, 12, 20, 27, 28)		<u>6,203,095</u>		<u>1,053,849</u>

Revenue Requirement - Non-Levelized

Revenue Requirement Template
Annual Transmission Revenue Requirement

For the 12 months ending 12/31/2010

Heartland Consumers Power District

Line No.

SUPPORTING CALCULATIONS AND NOTES

TRANSMISSION PLANT INCLUDED IN IS RATES									
1	Total transmission plant (page 2, line 2, column 3)								14,570,251
2	Less transmission plant excluded from IS rates (Note H)								6,752,305
3	Less transmission plant included in OATT Ancillary Services (Note I)								<u>225,678</u>
4	Transmission plant included in IS rates (line 1 less lines 2 & 3)								7,592,268
5	Percentage of transmission plant included in IS Rates (line 4 divided by line 1)						TP=		0.52108
TRANSMISSION EXPENSES									
6	Total transmission expenses (page 3, line 1, column 3)								229,046
7	Less transmission expenses included in OATT Ancillary Services (Note J)								<u>0</u>
8	Included transmission expenses (line 7 less line 6)								229,046
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		0.52108
11	Percentage of transmission expenses included in IS Rates (Note K)						TE=		1.00000
WAGES & SALARY ALLOCATOR (W&S)									
			\$	TP		Allocation			
12	Production		1,038,795	0.00		0			
13	Transmission		155,222	0.52		80,715			
14	Distribution		0	0.00		0			
15	Other		0	0.00		0			
16	Total (sum lines 12-15)		<u>1,194,017</u>			<u>80,715</u>	=		0.06760 = W/S
COMMON PLANT ALLOCATOR (CE) (Note L)									
			\$		% Electric (line 17 / line 20)		Labor Ratio (line 16)		CE
17	Electric		62,793,802		1.00000		0.06760	=	0.06760
18	Gas		0						
19	Water		0						
20	Total (sum lines 17-19)		<u>62,793,802</u>						
RETURN (R)									
21	Long Term Interest	Schedule A	\$						\$2,029,487
RETURN (R) - Weighted									
			\$	%	Cost (Note M)		Weighted		
22	Long Term Debt	Schedule A	35,034,317	82%	6.79%		0.0475	=	WCLTD
23	Proprietary Capital	Schedule A	7,869,693	18%	12.38%		0.0223		
24	Total (sum lines 22, 23)		<u>42,904,010</u>	100%			<u>0.0698</u>	=	R
25					Proprietary Capital Cost Rate =		12.38%		
26					TIER =		1.21		
REVENUE CREDITS									
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								<u>0</u>
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								<u>\$0</u>
33	Total of (a)-(b)								\$0

***Heartland's
2010 Estimated
Revenue Requirement Template***

Revenue Requirement - Non-Levelized

Revenue Requirement Template
Annual Transmission Revenue Requirement

Est For the 12 months ending 12/31/2010

Heartland Consumers Power District

Line No.		Total	Allocator	Allocated Amount
1	GROSS REVENUE REQUIREMENT (page 3, line 29)			<u>\$ 1,072,929</u>
2	REVENUE CREDITS (Note P)			
	Account No. 454 (page 4, line 30)	24,588	TP 0.52394	\$12,863
3	Account No. 466.1 (page 4, line 33)	0	TP 0.52394	0
4	Revenue From Existing Transmission Agreements	9,920	NA 1.00000	9,920
5	Transmission Service Credits	0	NA 1.00000	<u>0</u>
6	TOTAL REVENUE CREDITS			22,803
	NET REVENUE REQUIREMENT (line 1 minus line 6)			<u>\$ 1,050,126</u>

Revenue Requirement - Non-Levelized		Revenue Requirement Template Annual Transmission Revenue Requirement		Est For the 12 months ending 12/31/2010	
Heartland Consumers Power District					
Line No.	(1)	(2)	(3)	(4)	(5)
	RATE BASE:	Reference	Company Total	Allocator	Transmission (Col 3 times Col 4)
GROSS PLANT IN SERVICE					
1	Production	Schedule A	41,649,775	NA	
2	Transmission	Schedule A	14,657,677	TP	0.52394
3	Distribution		0	NA	
4	General & Intangible	Schedule A	7,081,295	W/S	0.06760
5	Common		0	CE	0.06760
6	TOTAL GROSS PLANT (sum lines 1-5)		<u>63,388,747</u>	GP=	12.870%
ACCUMULATED DEPRECIATION					
7	Production		30,600,947	NA	
8	Transmission		11,087,299	TP	0.52394
9	Distribution		0	NA	
10	General & Intangible		3,168,544	W/S	0.06760
11	Common		0	CE	0.06760
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)		<u>44,856,790</u>		
NET PLANT IN SERVICE					
13	Production	(line 1 - line 7)	11,048,828		
14	Transmission	(line 2 - line 8)	3,570,378		1,870,664
15	Distribution	(line 3 - line 9)	0		
16	General & Intangible	(line 4 - line 10)	3,912,751		264,502
17	Common	(line 5 - line 11)	0		0
18	TOTAL NET PLANT (sum lines 13-17)		<u>18,531,957</u>	NP=	11.522%
ADJUSTMENTS TO RATE BASE (Note A)					
19	Account No. 281 (enter negative)		0		0
20	Account No. 282 (enter negative)		0	NP	0.11522
21	Account No. 283 (enter negative)		0	NP	0.11522
22	Account No. 190		0	NP	0.11522
23	Account No. 255 (enter negative)		0	NP	0.11522
24	TOTAL ADJUSTMENTS (sum lines 19 - 23)		<u>0</u>		<u>0</u>
25	LAND HELD FOR FUTURE USE (Note B)		0	TP	0.52394
WORKING CAPITAL (Note C)					
26	CWC		391,657		53,045
27	Materials & Supplies (Note B)		0	TE	1.00000
28	Prepayments		114,025	GP	0.12870
29	TOTAL WORKING CAPITAL (sum lines 26 - 28)		<u>505,682</u>		<u>67,720</u>
30	RATE BASE (sum lines 18, 24, 25, and 29)		<u>19,037,639</u>		<u>2,202,086</u>

Revenue Requirement - Non-Levelized

Revenue Requirement Template
Annual Transmission Revenue Requirement

Est For the 12 months ending 12/31/2010

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	331,172	TE	1.00000	331,172
1a	Less LSE Expenses included in Transmission O&M Accounts (Note D)		0		1.00000	0
2	Less Account 565		103,209	NA	1.00000	103,209
3	A&G (Note G)	Schedule A	2,805,296	W/S	0.06760	196,398
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)		<u>3,133,259</u>			<u>424,361</u>
	DEPRECIATION EXPENSE					
9	Transmission		883,749	TP	0.52394	463,031
10	General		262	W/S	0.06760	18
11	Common		0	CE	0.06760	0
12	TOTAL DEPRECIATION (Sum lines 9 - 11)		<u>884,011</u>			<u>463,049</u>
	TAXES OTHER THAN INCOME TAXES (Note F)					
	LABOR RELATED					
13	Payroll		69,029	W/S	0.06760	4,666
14	Highway and vehicle		0	W/S	0.06760	0
15	PLANT RELATED					
16	Property		160,866	GP	0.12870	20,703
17	Gross Receipts		0	NA	zero	0
18	Other		0	GP	0.12870	0
19	Payments in lieu of taxes		0	GP	0.12870	0
20	TOTAL OTHER TAXES (sum lines 13 - 19)		<u>229,895</u>			<u>25,369</u>
	INCOME TAXES (Note G)					
21	$T = 1 - ((1 - \text{SIT}) * (1 - \text{FIT})) / (1 - \text{SIT} * \text{FIT} * p)$		0.00%	NA		
22	$\text{CIT} = (T / (1 - T)) * (1 - (\text{WCLTD} / R))$ where WCLTD = (page 4, line 27) and R = (page 4, line 30) and FIT, SIT & p are as given in footnote G.		0.00%			
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	0.11522	0
27	Total Income Taxes (line 25 plus line 26)		<u>0</u>			<u>0</u>
28	RETURN (Rate Base (page 2, line 30) * Rate of Return (page 4, line 24))		1,384,036	NA		160,150
29	REV. REQUIREMENT (sum lines 8, 12, 20, 27, 28)		<u>5,631,201</u>			<u>1,072,929</u>

Revenue Requirement Template
Annual Transmission Revenue Requirement
Heartland Consumers Power District

Est For the 12 months ending 12/31/2010

Line No.	SUPPORTING CALCULATIONS AND NOTES				
TRANSMISSION PLANT INCLUDED IN IS RATES					
1	Total transmission plant (page 2, line 2, column 3)			14,657,677	
2	Less transmission plant excluded from IS rates (Note H)			6,752,305	
3	Less transmission plant included in OATT Ancillary Services (Note I)			<u>225,576</u>	
4	Transmission plant included in IS rates (line 1 less lines 2 & 3)			7,679,796	
5	Percentage of transmission plant included in IS Rates (line 4 divided by line 1)		TP=	0.52394	
TRANSMISSION EXPENSES					
6	Total transmission expenses (page 3, line 1, column 3)			331,172	
7	Less transmission expenses included in OATT Ancillary Services (Note J)			<u>0</u>	
8	Included transmission expenses (line 7 less line 6)			331,172	
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	0.52394	
11	Percentage of transmission expenses included in IS Rates (Note K)		TE=	1.00000	
WAGES & SALARY ALLOCATOR (W&S)					
		\$	TP	Allocation	
12	Production	813,014	0.00	0	
13	Transmission	121,485	0.52	63,172	
14	Distribution	0	0.00	0	
15	Other	<u>0</u>	<u>0.00</u>	<u>0</u>	
16	Total (sum lines 12-15)	934,499		63,172 = $\frac{63,172}{934,499} = 0.06760$ = W/S	
COMMON PLANT ALLOCATOR (CE) (Note L)					
		\$	% Electric (line 17 / line 20)	Labor Ratio (line 16)	CE
17	Electric	63,388,747			
18	Gas	0	1.00000	0.06760	= 0.06760
19	Water	<u>0</u>			
20	Total (sum lines 17-19)	<u>63,388,747</u>			
RETURN (R)					
		\$			
21	Long Term Interest	Schedule A		\$1,997,380	
		\$	%	Cost (Note M)	Weighted
22	Long Term Debt	Schedule A	83%	6.23%	0.0517 = WCLTD
23	Proprietary Capital	Schedule A	17%	12.38%	0.0210
24	Total (sum lines 22, 23)	<u>30,529,888</u>	100%		0.0727 = R
25				Proprietary Capital Cost Rate =	12.38%
26				TIER =	1.17
REVENUE CREDITS					
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			<u>0</u>	
29	Total of (a)-(b)			0	
30	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note O)			\$24,588	
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			<u>\$0</u>	
33	Total of (a)-(b)			\$0	

Revenue Requirement - Non-Levelized

Revenue Requirement Template
Annual Transmission Revenue Requirement

Est For the 12 months ending 12/31/2010

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 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.
- 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.

***Missouri River Energy Services
2010 Actual
Revenue Requirement Template***

Formula Rate - Cash Flow

Rate Formula Template
Utilizing EIA Form 412 Data

For the 12 months ended 12/31/10

Missouri River Energy Services

Line No.				Allocated Amount	
1	GROSS REVENUE REQUIREMENT	(page 2, line 23, col. 5)		\$ 11,408,835	
	REVENUE CREDITS	(Note Q)	Total	Allocator	
2	Account No. 454	(page 3, line 34)	135,812	TP 1.00000	
3	Account No. 456.1	(page 3, line 37)	57,906	TP 1.00000	
4	Revenues from Grandfathered Interzonal Transactions		0	TP 1.00000	
5	Revenues from service provided by the ISO at a discount		0	TP 1.00000	
6	TOTAL REVENUE CREDITS (sum lines 2-5)			<u>193,718</u>	
7	NET REVENUE REQUIREMENT	(line 1 minus line 6)		<u>\$ 11,215,117</u>	
Allocation of Net Revenue Requirements by Pricing Zones:					
		Irv Simmons	OTP	MBPP	Total
	Transmission Plant Investment	\$ 1,957,786	\$ 27,757,868	\$ 29,373,772	\$ 59,099,426
	% of Total Transmission Plant	3.3%	47.0%	49.7%	100.0%
	Net Transmission Revenue Requirement				
	(Allocated on Transmission Plant)	\$ 370,099	\$ 5,271,105	\$ 5,573,913	\$ 11,215,117
DIVISOR					
8	Average of 12 coincident system peaks for requirements (RQ) service			(Note A) 632,882	
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 P)			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)			<u>676,337</u>	
16	Annual Cost (\$/kW/Yr)	(line 7/ line 15)	\$ 16.825		
17	Network & P-to-P Rate (\$/kW/Mo) (line 11/ 12)		\$ 1.402		
			Peak Rate	Off-Peak Rate	
18	Point-To-Point Rate (\$/kW/Wk)	(line 16 / 52; line 16/ 52)	0.324	\$0.324	
19	Point-To-Point Rate (\$/kW/Day)	(line 18/ 5; line 18/ 7)	0.065	\$0.046	
20	Point-To-Point Rate (\$/MWh)	(line 19/ 16; line 19/ 24 times 1,000)	4.045	\$1.926	
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 - Cash Flow		Rate Formula Template Utilizing EIA Form 412 Data		For the 12 months ended 12/31/10		
Line No.	(1)	(2) EIA 412 Reference	(3) Missouri River Energy Services Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)	
O&M						
1	Transmission (Note X)		21,206,260	TE	0.9855	20,898,769
1a	Less LSE Expenses included in Transmission O&M Accounts (†)		0		1.0000	0
2	Less Account 565		17,690,335		0.9855	17,433,825
3	A&G	VII.13.d	7,838,939	W/S	0.1526	1,196,222
4	Less FERC Annual Fees		0	W/S	0.1526	0
5	Less EPRI & Reg. Comm. Exp. & Non-safety Ad (Note F)		456,872	W/S	0.1526	69,688
5a	Plus Transmission Related Reg. Comm. Exp. (Note F)		288,946	TE	0.9855	284,756
6	Common		0	CE	0.1526	0
7	Transmission Lease Payments		0		1.0000	0
8	TOTAL O&M (sum lines 1, 3, 5a, 6, 7 less 1a, 2, 4, 5)		<u>11,187,138</u>			<u>4,876,234</u>
DEBT SERVICE						
9a	Debt Service - Transmission Bond Resolution (Note T)		2,122,135		1.0000	2,122,135
9b	Debt Service- Excluding Transmission Bond Resolution (Note U)		24,836,214	GP 2	0.1144	2,841,263
10	Amortization of premium or discount (Note V)		0	GP	0.1721	0
11	TOTAL DEBT SERVICE (Sum lines 9 - 10)		<u>26,958,349</u>			<u>4,983,398</u>
TAXES OTHER THAN INCOME TAXES (Note G)						
LABOR RELATED						
13	Payroll		0	W/S	0.1526	0
14	Highway and vehicle		0	W/S	0.1526	0
PLANT RELATED						
16a	Property- Transmission Only (Note G)		399,060		1.0000	399,060
16b	Property- General Plant		59,619	GP	0.1721	10,260
17	Gross Receipts		0		0.0000	0
18	Other		0	GP	0.1721	0
19	Payments in lieu of taxes		0	GP	0.1721	0
20	TOTAL OTHER TAXES (sum lines 13 - 19)		<u>458,679</u>			<u>409,320</u>
21	SUBTOTAL (sum lines 8, 11, 20)		<u>38,604,166</u>			<u>10,248,952</u>
22	MARGIN REQUIREMENT (Note H)		6,739,587	GP	0.1721	1,159,883
23	REV. REQUIREMENT (sum lines 21 22)		<u>45,343,753</u>			<u>11,408,835</u>

Formula Rate - Cash Flow

Rate Formula Template
 Utilizing EIA Form 412 Data

For the 12 months ended 12/31/10

Missouri River Energy Services

Line No.	SUPPORTING CALCULATIONS AND NOTES		EIA 412 Reference	Company Total	Allocator	Transmission
	GROSS PLANT IN SERVICE					
1	Production	IV.6.f		282,783,853	NA	0.0000
2a	Transmission, excluding separate T	IV.7.f		31,331,558	TP	1.0000
2b	Separate Transmission Project (No T)	IV.7.f		27,757,868	TP	1.0000
3	Distribution	IV.8.f		0	NA	0.0000
4	General & Intangible	IV.9.f		13,511,488	W/S	0.1526
5	Common			0	CE	0.0000
6	TOTAL GROSS PLANT (sum lines 1-5)			<u>355,384,767</u>	GP	0.1721
6a	Gross Plant Allocator, excluding Separate Transmission Project			<u>327,626,899</u>	GP 2	0.1144
	TRANSMISSION PLANT INCLUDED IN ISO RATES					
7	Total transmission plant (line 2)					59,089,426
8	Less transmission plant excluded from ISO rates (Note J)					0
9	Less transmission plant included in OATT Ancillary Services (Note K)					0
10	Transmission plant included in ISO rates (line 7 less lines 8 & 9)					<u>59,089,426</u>
11	Percentage of transmission plant included in ISO Rates (line 10 divided by line 7)				TP=	1.00000
	TRANSMISSION EXPENSES					
12	Total transmission expenses (page 2, line 1, column 3)					21,206,260
13	Less transmission expenses included in OATT Ancillary Services (Note I)					<u>307,991</u>
14	Included transmission expenses (line 12 less line 13)					20,898,269
15	Percentage of transmission expenses after adjustment (line 14 divided by line 12)					0.98548
16	Percentage of transmission plant included in ISO Rates (line 11)				TP	1.00000
17	Percentage of transmission expenses included in ISO Rates (line 15 times line 16)				TE=	0.98548
	WAGES & SALARY ALLOCATOR (W&S) (Note L)					
			\$		Allocation	
18	Production		2,549,769	0.00	0	
19	Transmission		476,908	1.00	476,908	
20	Distribution		0	0.00	0	
21	Other		99,003		0	
22	Total (sum lines 18-21)		<u>3,125,680</u>		<u>476,908</u>	W&S Allocator (\$ / Allocation) = 0.1526
	COMMON PLANT ALLOCATOR (CE) (Note M)					
			\$		% Electric (line 23 / line 26)	Labor Ratio (line 22)
23	Electric		355,384,767		1.00000	0.1526
24	Gas		0			
25	Water		0			
26	Total (sum lines 23-25)		<u>355,384,767</u>			
	FINANCING DATA					
27	Long Term Debt	II.33.b + 34.b		<u>\$292,320,000</u>		
28	Debt Service			26,958,349		
29	Interest on Long Term Debt	III.16.b + III.17.b (Note R)		<u>10,363,327</u>		
30	Bond Principal Amortization (line 28 less line 29)			16,595,022		
	REVENUE CREDITS					
						Load
	ACCOUNT 447 (SALES FOR RESALE)					
31	a. Bundled Non-RQ Sales for Resale					(Note N)
32	b. Bundled Sales for Resale included in Divisor on page 1					
33	Total of (a)-(b)					0
34	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note O)					\$135,812
	ACCOUNT 456.1 (OTHER ELECTRIC REVENUES)					
35	a. Transmission charges for all transmission transactions					\$16,367,480
36	b. Transmission charges for all transmission transactions included in Divisor on page 1					<u>\$16,309,574</u>
37	Total of (a)-(b)					557,906

Formula Rate - Cash Flow

Rate Formula Template
Utilizing EIA Form 412 Data

For the 12 months ended 12/31/10

Missouri River Energy Services

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 Form 412 to provide this data.

Note
Letter

- A The utility's maximum monthly megawatt load (60-minute integration) for RQ service at time of ISO 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 ISO coincident monthly peaks.
- C LF as defined above at time of ISO coincident monthly peaks.
- D LF as defined above at time of ISO coincident monthly peaks.
- E The FERC's annual charges for the year assessed the Transmission Owner for service under this tariff, if any
- F 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.
- G 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. MRES segregates property taxes between generation, transmission, and general plant based on internal accounting records. Therefore, MRES transmission property taxes are directly assigned to the revenue requirement and general property taxes will be allocated based on the GP allocator. Work papers will be provided."
- H The Margin Requirement is the margin the utility uses in calculating rates applicable to its native load sales. The Margin Requirement as a percent of interest expense yields a TIER (times interest earned ratio), and the Margin Requirement as a percent of debt service is the DSR (debt service ratio), either of which may be referred to as a Margin Ratio (MR). Some utilities have MRs required by bond covenants and/or MRs that include expenses additional to interest or debt service (for example, an MR equal to a percentage of the sum of DS+O&M). The ISO will review such party's filings to assure that the MRs are consistent with those applicable to native load or required by bond covenants and utility must provide workpapers showing derivation of margin. The margin requirement will be allocated on GP.
- I Removes dollar amount of transmission expenses included in the OATT ancillary services rates, including all of Account No. 561.
- J 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).
- K Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed to 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.
- L If the utility has more employees assigned to A&G than to the sum of production, transmission, and distribution, set the W&S allocator at page 3, line 22 equal to the gross plant allocator (GP) at page 3, line 6.
- M Enter dollar amounts.
- N 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.
- O Includes income related only to transmission facilities, such as pole attachments, rentals and special use.
- P 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.
- Q 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.
- R From Reference II.17.b include only the amount from Account 430.
- 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 Represents only Debt Service that can be directly assigned to transmission assets and no other types of assets. Work papers will be provided.
- U Represents all Debt Service, other than transmission debt service included in line 9a, page 2. Work papers will be provided.
- V The amortization of debt discounts and premiums are excluded since amortization is a non-cash item that does not affect debt service cash flow. The principal and interest payments already reflect all discounts or premiums when the debt was originally issued.
- W Represents only transmission assets that can be directly assigned to the Transmission Service Agreements and no other types of assets. These transmission assets were financed under the Transmission Bond Resolution. Work papers will be provided.
- X Transmission Expense will be the sum of (a) Form 412 VII.B.d and (b) facility credits for the Irv Simmons project in the Integrated System (IS).

***Missouri River Energy Services
2010 Estimated
Revenue Requirement Template***

Confidential

Formula Rate - Cash Flow

Rate Formula Template
Utilizing EIA Form 412 Data

For the 12 months ended 12/31/08

Missouri River Energy Services

Line No.				Allocator	Allocated Amount
1	GROSS REVENUE REQUIREMENT	(page 2, line 23, col. 5)			\$ 11,433,059
2	REVENUE CREDITS	(Note Q)	Total		
2	Account No. 454	(page 3, line 34)	0	TP 1.00000	0
3	Account No. 456.1	(page 3, line 37)	70,250	TP 1.00000	70,250
4	Revenues from Grandfathered Interzonal Transactions		0	TP 1.00000	0
5	Revenues from service provided by the ISO at a discount		0	TP 1.00000	0
6	TOTAL REVENUE CREDITS (sum lines 2-5)				70,250

7 NET REVENUE REQUIREMENT (line 1 minus line 6) \$ 11,362,809

Allocation of Net Revenue Requirements by Pricing Zones:					Marshall Wind	Total
	Irv Simmons	OTP	MBPP	Circuit		
Transmission Plant Investment	\$ 1,957,786	\$ 27,309,547	\$ 29,052,153	\$ 1,084,245		\$ 60,303,731
% of Total Transmission Plant	3.2%	45.3%	48.2%	3.3%		100.0%
Net Transmission Revenue Requirement (Allocated on Transmission Plant)	\$ 368,898	\$ 5,145,837	\$ 5,474,190	\$ 373,884		\$ 11,362,809

DIVISOR					
8	Average of 12 coincident system peaks for requirements (RQ) service			(Note A)	675,337
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 P)				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)				675,337

16	Annual Cost (\$/kWYr)	(line 7/ line 15)	\$ 16.825
17	Network & P-to-P Rate (\$/kW/Mo)	(line 11/ 12)	\$ 1.402

		Peak Rate	Off-Peak Rate	
18	Point-To-Point Rate (\$/kW/Wk)	(line 16 / 52; line 16/ 52)	0.324	\$0.324
19	Point-To-Point Rate (\$/kW/Day)	(line 18/ 5; line 18/ 7)	0.065 Capped at weekly rate	\$0.046
20	Point-To-Point Rate (\$/MWh)	(line 19/ 16; line 19/ 24 times 1,000)	4.045 Capped at weekly and daily rates	\$1.926

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 - Cash Flow		Rate Formula Template Utilizing EIA Form 412 Data		For the 12 months ended 12/31/08	
Line No.	(1)	(2) EIA 412 Reference	(3) Missouri River Energy Services Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)
	O&M				
1	Transmission (Note X)		16,642,850	TE	1.0000 16,642,850
1a	Less LSE Expenses included in Transmission O&M Accounts (F)		0		1.0000 0
2	Less Account 565		13,138,692		1.0000 13,138,692
3	A&G	VII. 13.d	7,460,554	WS	0.1969 1,468,501
4	Less FERC Annual Fees		0	WS	0.1969 0
5	Less EPRI & Reg. Comm. Exp. & Non-safety Ad (Note F)		0	WS	0.1969 0
5a	Plus Transmission Related Reg. Comm. Exp. (Note F)		0	TE	1.0000 0
6	Common		0	CE	0.1969 0
7	Transmission Lease Payments		0		1.0000 0
8	TOTAL O&M (sum lines 1, 3, 5a, 6, 7 less 1a, 2, 4, 5)		10,962,712		4,972,659
	DEBT SERVICE				
9a	Debt Service - Transmission Bond Resolution (Note T)		2,215,634		1.0000 2,215,634
9b	Debt Service- Excluding Transmission Bond Resolution (Note U)		23,019,148	GP 2	0.1132 2,697,298
10	Amortization of premium or discount (Note V)		0	GP	0.1808 0
11	TOTAL DEBT SERVICE (Sum lines 9 - 10)		26,034,781		4,912,932
	TAXES OTHER THAN INCOME TAXES (Note G)				
	LABOR RELATED				
13	Payroll		0	WS	0.1969 0
14	Highway and vehicle		0	WS	0.1969 0
15	PLANT RELATED				
16a	Property- Transmission Only (Note G)		380,304		1.0000 380,304
16b	Property- General Plant		55,795	GP	0.1808 10,090
17	Gross Receipts		0	GP	0.0000 0
18	Other		0	GP	0.1808 0
19	Payments in lieu of taxes		0	GP	0.1808 0
20	TOTAL OTHER TAXES (sum lines 13 - 19)		416,099		370,394
21	SUBTOTAL (sum lines 8, 11, 20)		37,413,593		10,255,985
22	MARGIN REQUIREMENT (Note H)		6,508,696	GP	0.1808 1,177,074
23	REV. REQUIREMENT (sum lines 21 22)		43,922,289		11,433,059

Formula Rate - Cash Flow

Rate Formula Template
Utilizing EIA Form 412 Data

For the 12 months ended 12/31/08

Missouri River Energy Services

Line
No.

SUPPORTING CALCULATIONS AND NOTES

GROSS PLANT IN SERVICE		EIA 412 Reference	Company Total	Allocator	Transmission
1	Production	IV.6.f	275,166,065	NA	0.0000
2a	Transmission, excluding separate	IV.7.f	32,994,184	TP	1.0000
2b	Separate Transmission Project (No	IV.7.f	27,309,547	TP	1.0000
3	Distribution	IV.8.f	0	NA	0.0000
4	General & Intangible	IV.9.f	22,739,622	WS	0.1969
5	Common		0	CE	0.1969
6	TOTAL GROSS PLANT (sum lines 1-5)		<u>358,209,418</u>	GP	0.1808
6a	Gross Plant Allocator, excluding Separate Transmission Project		<u>330,899,871</u>	GP 2	0.1132
TRANSMISSION PLANT INCLUDED IN ISO RATES					
7	Total transmission plant (line 2)				60,303,731
8	Less transmission plant excluded from ISO rates (Note J)				0
9	Less transmission plant included in OATT Ancillary Services (Note K)				0
10	Transmission plant included in ISO rates (line 7 less lines 8 & 9)				<u>60,303,731</u>
11	Percentage of transmission plant included in ISO Rates (line 10 divided by line 7)			TP=	1.00000
TRANSMISSION EXPENSES					
12	Total transmission expenses (page 2, line 1, column 3)				16,642,850
13	Less transmission expenses included in OATT Ancillary Services (Note I)				0
14	Included transmission expenses (line 12 less line 13)				<u>16,642,850</u>
15	Percentage of transmission expenses after adjustment (line 14 divided by line 12)				1.00000
16	Percentage of transmission plant included in ISO Rates (line 11)			TP	1.00000
17	Percentage of transmission expenses included in ISO Rates (line 15 times line 16)			TE=	1.00000
WAGES & SALARY ALLOCATOR (W&S) (Note L)					
			\$	Allocation	
18	Production		1,713,972	0.00	0
19	Transmission		454,504	1.00	454,504
20	Distribution		0	0.00	0
21	Other		139,959		0
22	Total (sum lines 18-21)		<u>2,308,435</u>		<u>454,504</u> =
COMMON PLANT ALLOCATOR (CE) (Note M)					
			\$	% Electric	Labor Ratio
23	Electric		358,209,418	(line 23 / line 26)	(line 22)
24	Gas		0	1.00000	0.1969 =
25	Water		0		CE
26	Total (sum lines 23-25)		<u>358,209,418</u>		0.1969
FINANCING DATA					
			\$		
27	Long Term Debt	II.33.b +34.b	<u>\$232,070,418</u>		
28	Debt Service		26,034,781		
29	Interest on Long Term Debt	III.16.b + III.17.b (Note R)	<u>11,934,781</u>		
30	Bond Principal Amortization (line 28 less line 29)		<u>14,100,000</u>		
REVENUE CREDITS					
					Load
ACCOUNT 447 (SALES FOR RESALE)					
31	a. Bundled Non-RQ Sales for Resale			(Note N)	
32	b. Bundled Sales for Resale included in Divisor on page 1				
33	Total of (a)-(b)				<u>0</u>
34	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note O)				<u>\$0</u>
ACCOUNT 456.1 (OTHER ELECTRIC REVENUES)					
35	a. Transmission charges for all transmission transactions				\$70,250
36	b. Transmission charges for all transmission transactions included in Divisor on page 1				<u>\$0</u>
37	Total of (a)-(b)				<u>\$70,250</u>

Formula Rate - Cash Flow

Rate Formula Template
Utilizing EIA Form 412 Data

For the 12 months ended 12/31/08

Missouri River Energy Services

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 Form 412 to provide this data.

Note
Letter

- A The utility's maximum monthly megawatt load (60-minute integration) for RQ service at time of ISO 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 ISO coincident monthly peaks.
- C LF as defined above at time of ISO coincident monthly peaks.
- D LF as defined above at time of ISO coincident monthly peaks.
- E The FERC's annual charges for the year assessed the Transmission Owner for service under this tariff, if any
- F 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.
- G 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. MRES segregates property taxes between generation, transmission, and general plant based on internal accounting records. Therefore, MRES (transmission property taxes are directly assigned to the revenue requirement and general property taxes will be allocated based on the GP allocator. Work papers will be provided.*
- H The Margin Requirement is the margin the utility uses in calculating rates applicable to its native load sales. The Margin Requirement as a percent of interest expense yields a TIER (times interest earned ratio), and the Margin Requirement as a percent of debt service is the DSR (debt service ratio), either of which may be referred to as a Margin Ratio (MR). Some utilities have MRs required by bond covenants and/or MRs that include expenses additional to interest or debt service (for example, an MR equal to a percentage of the sum of DS+O&M). The ISO will review such party's filings to assure that the MRs are consistent with those applicable to native load or required by bond covenants and utility must provide workpapers showing derivation of margin. The margin requirement will be allocated on GP.
- I Removes dollar amount of transmission expenses included in the OATT ancillary services rates, including all of Account No. 561.
- J 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).
- K 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.
- L If the utility has more employees assigned to A&G than to the sum of production, transmission, and distribution, set the W&S allocator at page 3, line 22 equal to the gross plant allocator (GP) at page 3, line 6.
- M Enter dollar amounts.
- N 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.
- O Includes income related only to transmission facilities, such as pole attachments, rentals and special use.
- P 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.
- Q 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.
- R From Reference II.17.b include only the amount from Account 430.
- 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 Represents only Debt Service that can be directly assigned to transmission assets and no other types of assets. Work papers will be provided.
- U Represents all Debt Service, other than transmission debt service included in line 9a, page 2. Work papers will be provided.
- V The amortization of debt discounts and premiums are excluded since amortization is a non-cash item that does not affect debt service cash flow. The principal and interest payments already reflect all discounts or premiums when the debt was originally issued.
- W Represents only transmission assets that can be directly assigned to the Transmission Service Agreements and no other types of assets. These transmission assets were financed under the Transmission Bond Resolution. Work papers will be provided.
- X Transmission Expense will be the sum of (a) Form 412 VII.8.d and (b) facility credits for the Iv Simmons project in the Integrated System (IS).

NWPS
2010 Actual
Revenue Requirement Template

Formula Rate - Non-Levelized		Rate Formula Template Utilizing FERC Form 1 Data		For the 12 months ended 12/31/10	
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	Allocate		
2	Account No. 454 (page 4, line 34)	159,771	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)			\$ 3,271,795	
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	Loss 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 (\$/MWh) (line 7 / line 15)	12.688			
17	Network & P-to-P Rate (\$/MWh) (line 16 / 12)	1.057			
			Peak Rate	Off-Peak Rate	
18	Point-To-Point Rate (\$/MWh) (line 16 / 52; line 16 / 52)	0.244		\$0.244	
19	Point-To-Point Rate (\$/MWh) (line 18 / 5; line 16 / 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	

Formula Rate - Non-Levelized		Rate Formula Template Utilizing FERC Form 1 Data		For the 12 months ended 12/31/10	
(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
3	Distribution 206.89.g	231,388,884	NA		
4	General & Intangible 206.5.g & 83.g	10,589,800	W/S	0.08071	854,614
5	Common 358.1	21,084,142	CE	0.05060	1,065,893
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	105,195,863	NA		
8	Transmission 219.23.c	23,416,063	VEst.	75.178%	17,603,154
9	Distribution 219.24.c	89,702,256	NA		
10	General & Intangible 219.25.c	2,431,212	W/S	0.08071	196,221
11	Common 358.1	5,257,460	CE	0.05060	265,036
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)	227,002,853			18,065,412
NET PLANT IN SERVICE					
13	Production (line 1 - line 7)	54,613,880			
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)	15,826,883			809,857
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	-46,240,365	NP	0.06287	-2,906,935
21	Account No. 283 (enter negative) 277.5.k	-2,197,034	NP	0.06287	-138,118
22	Account No. 190 234.8.c	9,119,761	NP	0.06287	573,220
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.k.d (Note G)	0	VEst.	0.75178	0
WORKING CAPITAL (Note H)					
26	CWC calculated	820,434			110,946
27	Materials & Supplies (Note G) 227.5.c & .15.c	0		1.00000	0
28	Prepayments (Account 185) 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

Accumulated Depreciation of Joint Plant Transmission Facilities, see Assets file -5,612,809

Excluded transmission maintained and supplied by others

Formula Rate - Non-Levelized		Rate Formula Template Utilizing FERC Form 1 Data		For the 12 months ended 12/31/10		
		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)		
O&M						
1	Transmission	321,100.b	TE	0.83220	6,613,752	Reduce non-565 by TE Ratio
2	Less Account 565	321,88.b		1.00000	5,922,347	
3	A&G	323,168.b	WS	0.05060	296,163	
4	Less FERC Annual Fees		WS	0.05060	0	
5	Less EPRI & Reg. Comm. Exp. & Non-safety Ad. (Note I)		WS	0.05060	0	
5a	Plus Transmission Related Reg. Comm. Exp. (Note I)		TE	0.83220	0	
6	Common	356.1	CE	0.05060	0	
7	Transmission Lease Payments			1.00000	0	
8	TOTAL O&M (sum lines 1, 3, 5a, 6, 7 less lines 2, 4, 5)	6,563,474			867,568	
DEPRECIATION EXPENSE						
9	Transmission	336.7 b	VRB00	0.75175	1,011,240	Excluded 200,914
10	General	336.9.b	WS	0.05080	33,893	
11	Common	336.10.b	CE	0.05060	65,074	
12	TOTAL DEPRECIATION (Sum lines 9 - 11)	3,227,051			1,113,197	
TAXES OTHER THAN INCOME TAXES (Note J)						
LABOR RELATED						
13	Payroll	262.i	WS	0.05060	38,638	
14	Highway and vehicle	262.i	WS	0.05060	2,743	
PLANT RELATED						
16	Property	262.j	GP	0.07110	223,919	
17	Gross Receipts	262.i	NA	zero	0	
18	Other	262.j	GP	0.07110	17,317	
19	Payments in lieu of taxes		GP	0.07110	0	
20	TOTAL OTHER TAXES (sum lines 13 - 19)	4,357,003			282,618	
INCOME TAXES (Note K)						
21	$T = 1 - ((1 - SIT) * (1 - FIT)) / (1 - SIT * FIT * p)$	35.00%				
22	$CIT = (T(1-T) * (1 - (WCLTD/R)))$ 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	REYURN [Rate Base (page 2, line 30) * Rate of Return (page 4, line 30)]	16,321,891	NA		1,031,692	
29	REV. REQUIREMENT (sum lines 8, 12, 20, 27, 28)	32,976,294			3,473,760	

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/10

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								
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	1,562,518	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 = W&S
									0.08071 = W&Sact
									Wages & salaries by others for excluded facilities MEC, OTP, IDU
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	143,901,001	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 56a 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 (Note P)		Weighted		
27	Long Term Debt (112, sum of 16d through 19d)		905,205,000	0.5246	0.0587	0.0000	0.0308	=WCLTD	
28	Preferred Stock (112.3d)		0	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
31	ACCOUNT 447 (SALES FOR RESALE) (310-311) (Note Q)								220,080
32	a. Bundled Non-RQ Sales for Resale (311 x.1)								220,080
33	b. Bundled Sales for Resale included in Divisor on page 1								0
	Total of (a)-(b)								
34	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)								\$ 159,771
	ACCOUNT 456 (OTHER ELECTRIC REVENUES) (330 x.1)								
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 formula 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 48 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. 581.
- 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.

NWPS
2010 Estimated
Revenue Requirement Template

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/08

		Utilizing FERC Form 1 Data With 7-Factor Changes -EXCLUDES EXT. Joint Plant Transmission Facilities		Allocated
Line No.				Amount
1	GROSS REVENUE REQUIREMENT (page 3, line 29)			\$ 2,968,715
REVENUE CREDITS (Note T)		Total	Allocator	
2	Account No. 454 (page 4, line 34)	147,593	TP 0.85990	126,915
3	Account No. 456 (page 4, line 37)	74,426	TP 0.85990	63,999
4	Revenues from Grandfathered Interzonal Transactions	0	TP 0.85990	0
5	Revenues from service provided by the ISO at a discount	0	TP 0.85990	0
6	TOTAL REVENUE CREDITS (sum lines 2-5)			190,914
7	NET REVENUE REQUIREMENT (line 1 minus line 6)			\$ 2,777,801
DIVISOR				
8	Average of 12 coincident system peaks for requirements (RQ) service		(Note A)	231,667
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 Contract Demands from service over one year provided by ISO at a discount (enter negative)			0
15	Divisor (sum lines 8-14)			231,667
16	Annual Cost (\$/kW/Yr) (line 7 / line 15)	-11.990		
17	Network & P-to-P Rate (\$/kW/Mo) (line 16 / 12)	0.999		
		Peak Rate		Off-Peak Rate
18	Point-To-Point Rate (\$/kW/Wk) (line 16 / 52; line 16 / 52)	0.231		\$0.231
19	Point-To-Point Rate (\$/kW/Day) (line 18 / 5; line 18 / 7)	0.046	Capped at weekly rate	\$0.033
20	Point-To-Point Rate (\$/MWh) (line 19 / 16; line 19 / 24 times 1,000)	2.875	Capped at weekly and daily rates	\$1.375
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 FERC Form 1 Data

For the 12 months ended 12/31/08

Line No.	(1)	(2) Form No. 1 Page, Line, Col.	Utilizing FERC Form 1 Data With 7-Factor Changes -EXCLUDES EXT. Joint Plant Transmission Facilities			(5) Transmission (Col 3 times Col 4)
			(3) Company Total	(4) Allocator	(5) Transmission	
RATE BASE:						
GROSS PLANT IN SERVICE						
1	Production	206.42.g	157,385,947	NA		
2	Transmission	206.53.g	44,397,456	TP	0.85990	38,177,372
3	Distribution	206.69.g	198,004,315	NA		6,220,084
4	General & Intangible	206.5.g & 83.g	9,641,521	W/S	0.06219	599,606
5	Common	356.1	24,375,865	CE	0.04021	980,154
6	TOTAL GROSS PLANT (sum lines 1-5)		433,805,104	GP=	9.165%	39,757,132
ACCUMULATED DEPRECIATION						
7	Production	219.18-22.c	98,867,583	NA		
8	Transmission	219.23.c	34,291,203	VEst.	84.220%	28,880,122
9	Distribution	219.24.c	67,351,901	NA		
10	General & Intangible	219.25.c	2,643,284	W/S	0.06219	164,386
11	Common	356.1	9,052,317	CE	0.04021	363,994
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)		212,206,288			29,408,502
NET PLANT IN SERVICE						
13	Production	(line 1- line 7)	58,518,364			
14	Transmission	(line 2- line 8)	10,106,253			9,297,250
15	Distribution	(line 3- line 9)	130,652,414			
16	General & Intangible	(line 4 - line 10)	6,998,237			435,220
17	Common	(line 5 - line 11)	15,323,548			616,160
18	TOTAL NET PLANT (sum lines 13-17)		221,598,816	NP=	4.670%	10,348,630
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	-53,341,253	NP	0.04670	-2,491,037
21	Account No. 283 (enter negative)	277.9.k	-7,288,777	NP	0.04670	-340,386
22	Account No. 190	234.8.c	15,540,720	NP	0.04670	725,752
23	Account No. 255 (enter negative)	267.8.h	-2,640,059	NP	0.04670	-123,291
24	TOTAL ADJUSTMENTS (sum lines 19- 23)		-47,729,369			-2,228,962
25	LAND HELD FOR FUTURE USE	214.x.d (Note G)	0	VEst.	0.84220	0
WORKING CAPITAL (Note H)						
26	CWC	calculated	1,034,011			100,153
27	Materials & Supplies (Note G)	227.6.c & .15.c	0		1.00000	0
28	Prepayments (Account 165)	111.46.d	0	GP	0.09165	0
29	TOTAL WORKING CAPITAL (sum lines 26 - 28)		1,034,011			100,153
30	RATE BASE (sum lines 18, 24, 25, & 29)		174,903,458			8,219,821

Excluded tran:

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

1	Total transmission plant (page 2, line 2, column 3)	44,397,456
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)	38,177,212
5	Percentage of transmission plant included in ISO Rates (line 4 divided by line 1)	TP= 0.85990

TRANSMISSION EXPENSES

6	Total transmission expenses (page 3, line 1, column 3)	5,743,246
7	Less transmission expenses included in OATT Ancillary Services (Note L)	0
8	Included transmission expenses (line 6 less line 7)	5,743,246
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 0.85990
11	Percentage of transmission expenses included in ISO Rates (line 9 times line 10)	TE= 0.85990

WAGES & SALARY ALLOCATOR (W&S)

	Form 1 Reference	\$	TP	Allocation	
12	Production	354.18.b	467,893	0.00	0
13	Transmission	354.19.b	399,793	0.86	343,822
14	Distribution	354.20.b	3,842,059	0.00	0
15	Other	354.21,22,23.b	1,719,325	0.00	0
16	Total (sum lines 12-15)		6,429,070		343,822 = 0.05348 = WS 0.06219 = Wsact

COMMON PLANT ALLOCATOR (CE) (Note O)

		\$	% Electric (line 17 / line 20)	W&S Allocator (line 16)	CE
17	Electric	200.3.c	409,396,824	0.75192	0.04021
18	Gas	200.3.d	135,070,061		
19	Water	200.3.e	0		
20	Total (sum lines 17 - 19)		544,466,885		

RETURN (R)

		\$	%	Cost (Note P)	Weighted
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			
27	Long Term Debt (112, sum of 16d through 19d)	634,089,495.0000	0.4537	0.0000	0.0634 0.0000 0.0288 =WCLTD
28	Preferred Stock (112.3d)	0.0000	0.0000	0.0000	0.0000 0.0000 0.0000
29	Common Stock (line 26)	763,532,149.0000	0.5463	0.0000	0.1125 0.0000 0.0615
30	Total (sum lines 27-29)	#####	0.0000	0.0000	0.0000 0.0903 =R

REVENUE CREDITS

		Load
31	ACCOUNT 447 (SALES FOR RESALE) (310-311) (Note Q)	
32	a. Bundled Non-RQ Sales for Resale (311.x.h)	264,504
33	b. Bundled Sales for Resale included in Divisor on page 1	264,504
	Total of (a)-(b)	0
34	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)	\$147,593
35	ACCOUNT 456 (OTHER ELECTRIC REVENUES) (330.x.n)	
36	a. Transmission charges for all transmission transactions	\$206,577
37	b. Transmission charges for all transmission transactions included in Divisor on Page 1	\$132,151
	Total of (a)-(b)	\$74,426

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.