

**FILED WITH  
Executive Secretary**

**April 20, 2012**

**IOWA UTILITIES BOARD**



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April 20, 2012

Ms. Joan Conrad, Executive Secretary  
Iowa Utilities Board  
1375 East Court Avenue, Room 69  
Des Moines, IA 50319-0069

RE: Interstate Power and Light Company  
Docket Nos. EAC-2011-0007 and TF-2011-0129  
Regional Transmission Service Rider Compliance Filing

Dear Secretary Conrad:

Enclosed please find Interstate Power and Light Company's proposed electric tariff sheets and revised supporting schedules of the Regional Transmission Service Rider Compliance Filing, in accordance with the Iowa Utilities Board's Order Regarding CIPCO True-Up Costs issued April 10, 2012, as filed today on EFS.

Very Truly Yours,

/s/ Paula N. Johnson

Paula N. Johnson  
Senior Attorney - Regulatory

PNJ/kjf  
Enclosures

Interstate Power and Light Co.  
An Alliant Energy Company

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**April 20, 2012**

**Interstate Power and Light Company**

**IOWA UTILITIES BOARD**

April 20, 2012

**COMPLIANCE FILING  
REGIONAL TRANSMISSION SERVICE RIDER  
FIRST YEAR COMPLIANCE FILING**

**Interpretation No. IPL E2011-19**

RE: Docket Nos. EAC-2011-0007  
TF-2011-0129

General Information

IPL is filing a First Substitute Third Revised Sheet No. 86 to reflect revised rates for IPL's proposed Regional Transmission Service (RTS) Rider for 2012. IPL is filing the revised tariff sheet to reflect the Iowa Utilities Board (Board) Order Regarding CIPCO True-up Costs (Order) in Docket Nos. TF-2011-0129 and EAC-2011-0007 issued on April 10, 2012. In that Order, the Board accepted IPL's proposal to pass \$205,792 of annualized CIPCO True-up Costs through IPL's Transmission Rider. In addition, the Board allowed IPL to recover five months of the annualized amount (\$85,720) for 2011. In IPL's November 18, 2011, initial filing in this docket, IPL had proposed eight months of the annualized amount for 2011 recovery (\$137,152). The revision in the CIPCO True-up cost can be found on Revised Schedule A-2. As a result of the reduction in 2011 CIPCO True-cost recovery, there is a slight reduction to the 2012 Transmission Riders factors versus what was initially proposed (with the exception of the Large General Service and Standby customer classes).



Schedule A4: 2012 FERC Account 456 transmission revenues.  
Schedule A5: Projected electric billing units for calendar year 2012.  
Revised Schedule A6: Calculation of Standby Reservation Fee  
Workpapers: AED Allocator  
2011 Net Iowa Retail Transmission Expense (Excel  
Format)

Tariff Changes:

Replace Second Substitute Second Revised Sheet No. 86 with Substitute Third Revised Sheet No. 86.

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Interstate Power and Light Company  
Electric Utility

Revised Schedule A-1

Calculation of Regional Transmission Rider Factors

	Residential	GS	LGS/Bulk	Lighting	Standby	Total
Projected kWh Sales	3,753,189,514	2,046,230,659	NA	77,908,984	NA	5,877,329,157
KW Sales (Billing Demands)	na	na	17,575,076	na	2,532,186	20,107,262
<b>2012 transmission expenses for RTS Recovery:</b>						
2012 Transmission Expense	\$67,924,555	\$38,389,176	\$98,275,954	\$1,521,235	\$14,307,688	\$220,418,607
AED Allocator (2010)	32.9553%	18.6255%	47.6811%	0.7381%		100%
" rates" per kWh	0.01811	0.01877		0.01954		\$ 0.03750
"In rates" per kW	na	na	\$ 5.59	na	\$ 5.65	

Customer Class	Final Rates without RTS	2011 RTS	Final Tariff Rate with 2011 RTS	Total	2012 RTS
<b>Residential</b>					
Summer	\$ 0.11444	\$ 0.01712	\$ 0.09732	\$ 0.11444	0.01811
Winter 1st Block (kWh)	\$ 0.09781	\$ 0.01712	\$ 0.08069	\$ 0.09781	\$ 0.01811
Winter 2nd Block (kWh)	\$ 0.07606	\$ 0.01712	\$ 0.05894	\$ 0.07606	\$ 0.01811
Winter 3rd Block (kWh)	\$ 0.03935	\$ 0.01712	\$ 0.02223	\$ 0.03935	\$ 0.01811
<b>General Service</b>					
Summer 1st Block (kWh)	\$ 0.11749	\$ 0.01652	\$ 0.10097	\$ 0.11749	0.01877
Summer 2nd Block (kWh)	\$ 0.09928	\$ 0.01652	\$ 0.08276	\$ 0.09928	\$ 0.01877
Winter 1st Block (kWh)	\$ 0.09366	\$ 0.01652	\$ 0.07714	\$ 0.09366	\$ 0.01877
Winter 2nd Block (kWh)	\$ 0.06890	\$ 0.01652	\$ 0.05238	\$ 0.06890	\$ 0.01877
<b>LGS</b>					
Summer 1st Block (kW)	\$ 20.74	\$ 5.13	\$ 15.61	\$ 20.74	\$ 5.59
Summer 2nd Block (kW)	\$ 20.61	\$ 5.13	\$ 15.48	\$ 20.61	\$ 5.59
Summer 3rd Block (kW)	\$ 20.40	\$ 5.13	\$ 15.27	\$ 20.40	\$ 5.59
Summer 4th Block (kW)	\$ 20.31	\$ 5.13	\$ 15.18	\$ 20.31	\$ 5.59
Summer 5th Block (kW)	\$ 17.42	\$ 5.13	\$ 12.29	\$ 17.42	\$ 5.59
Winter 1st Block (kW)	\$ 13.34	\$ 5.13	\$ 8.21	\$ 13.34	\$ 5.59
Winter 2nd Block (kW)	\$ 12.62	\$ 5.13	\$ 7.49	\$ 12.62	\$ 5.59
Winter 3rd Block (kW)	\$ 11.99	\$ 5.13	\$ 6.86	\$ 11.99	\$ 5.59
Winter 4th Block (kW)	\$ 11.81	\$ 5.13	\$ 6.68	\$ 11.81	\$ 5.59
Winter 5th Block (kW)	\$ 10.11	\$ 5.13	\$ 4.98	\$ 10.11	\$ 5.59
Bulk/High Load Factor	\$ 13.58	\$ 5.13	\$ 8.45	\$ 13.58	\$ 5.59
Standby	\$ 5.03	\$ 5.03	\$ 5.03	\$ 5.03	\$ 5.65

Interstate Power and Light  
2012 Net Iowa Retail Transmission Expense

Revised Schedule A-2

2012 IPL Transmission Expense	\$ 247,322,157	Schedule A3
2012 IPL Transmission Revenue	<u>\$ (5,272,670)</u>	Schedule A4
Net Transmission Expense	\$ 242,049,487	
Iowa electric amount (94.04%, on system coincident peak basis)		
	\$ 227,623,337	
Iowa wholesale allocation (3.09%, on system coincident peak basis)		
	<u>\$ (7,033,561)</u>	
Iowa Retail 2012 Net Transmission Expense	\$ 220,589,776	
2012 Tracker Balance over/under recovery	\$ (256,889)	EAC-2011-0007
CIPCO Investment True-up (5 months)	<u>\$ 85,720</u>	
Net recoverable expense	\$ 220,418,607	

Interstate Power and Light  
FERC Account 565

Revised Schedule A3

Estimated IPL 2012 Transmission Expense for RTS Rider:

Line No.	IPL Transmission Charges	Forecast Jan-12	Forecast Feb-12	Forecast Mar-12	Forecast Apr-12	Forecast May-12	Forecast Jun-12	Forecast Jul-12	Forecast Aug-12	Forecast Sep-12	Forecast Oct-12	Forecast Nov-12	Forecast Dec-12	Total
FERC 565 Transmission Expense:														
Non-MISO														
1	WAPA: Every Load	\$9,785	\$9,785	\$9,785	\$9,785	\$10,079	\$10,079	\$10,079	\$10,079	\$10,079	\$10,079	\$10,079	\$10,079	119,772
2	CIPCO NITS charge	203,172	229,079	224,631	173,092	219,867	219,044	246,278	240,861	235,417	156,004	175,674	233,859	2,556,979
3	CIPCO trans. investment credit/true-up	17,144	17,144	17,144	17,144	17,144	17,144	17,144	17,144	17,144	17,144	17,144	17,144	205,729
4	CIPCO Massena-Grant	12,100	12,382	11,063	8,517	-	22,096	12,787	12,571	10,675	8,081	11,662	13,068	135,002
5	NIPCO Wheeling	3,547	3,009	2,935	3,055	2,364	2,460	3,614	3,824	4,265	2,769	3,608	2,788	38,238
6	NEMO Wheeling	49,155	38,314	35,977	27,872	28,180	34,197	51,224	43,521	33,546	31,364	38,995	50,643	462,991
7	NEMO Facility Charge	1,337	1,321	1,425	1,379	1,313	1,245	1,245	1,245	1,247	1,440	1,455	1,289	15,940
8	Corn Belt Power Coop	\$135,534	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	135,534
9	Corn Belt Schedule 23 Charges	\$700	\$700	\$700	\$700	\$700	\$700	\$700	\$700	\$700	\$700	\$700	\$700	8,400
10	Total Other Firm Transmission	\$432,474	\$311,734	\$303,661	\$241,545	\$279,647	\$306,965	\$343,071	\$329,945	\$313,075	\$227,581	\$259,317	\$329,569	3,678,585
11	IPL's 37% of PJM													
12	PJM Adders (sched, dispatch, reactive)	22,200	22,200	22,200	22,200	22,200	22,200	22,200	22,200	22,200	22,200	22,200	22,200	266,400
13	Total PJM Transmission	22,200	22,200	22,200	22,200	22,200	22,200	22,200	22,200	22,200	22,200	22,200	22,200	266,400
14	Transmission Wheeling -													
MISO Transmission Charges:														
15	Schedule 1 Charge	\$138,726	\$127,055	\$130,270	\$121,416	\$139,275	\$156,956	\$172,910	\$171,370	\$148,306	\$135,881	\$134,403	\$144,917	1,721,486
16	Schedule 2 Charge	\$319,661	\$292,769	\$300,176	\$279,774	\$320,927	\$361,667	\$398,429	\$394,882	\$341,735	\$313,106	\$309,699	\$333,927	3,966,754
17	Schedule 9 Charge	\$17,274,658	\$15,821,394	\$16,221,693	\$15,119,165	\$17,343,072	\$19,544,693	\$21,531,340	\$21,339,657	\$18,467,558	\$16,920,416	\$16,736,300	\$18,045,625	214,365,570
18	Schedule 10 Charge (MISO Adder)	\$235,203	\$212,469	\$220,942	\$200,270	\$213,070	\$241,275	\$273,926	\$272,632	\$238,559	\$226,432	\$218,704	\$239,622	2,793,102
19	Less Schedule 10 Charge in Ferc Acct 561.4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20	Less Schedule 10 Charge in Ferc Acct 561.8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21	Less Schedule 10 Charge in Ferc Acct 575.5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22	Schedule 11 Charge (Pnor Mth Adj)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	Schedule 23 Charge (GFA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24	Schedule 26 Charge	\$1,573,496	\$1,441,122	\$1,477,584	\$1,377,159	\$1,579,727	\$1,780,266	\$1,961,224	\$1,943,764	\$1,682,153	\$1,541,229	\$1,524,458	\$1,643,721	19,525,904
25	FERC Assessment Sch 10	\$80,936	\$74,127	\$76,003	\$70,837	\$81,256	\$91,572	\$100,890	\$99,981	\$86,525	\$79,276	\$78,414	\$84,548	1,004,354
26	Total MISO Charges	\$19,622,680	\$17,968,937	\$18,426,668	\$17,168,621	\$19,677,328	\$22,176,429	\$24,438,708	\$24,222,287	\$20,964,836	\$19,216,340	\$19,001,978	\$20,492,360	\$243,377,172
27	Total all transmission lines 10, 13, and 26)	\$20,077,354	\$18,302,872	\$18,752,528	\$17,432,366	\$19,979,176	\$22,505,594	\$24,803,979	\$24,574,432	\$21,300,112	\$19,466,121	\$19,283,495	\$20,844,129	247,322,157

Note 1: The CIPCO NITS charge amounts have been updated based on the actual monthly invoices paid during 2011.

Note 2: The CIPCO Investment True-up charge amounts are fixed at RPU-2010-0001 amounts (1/10/2011 Final Order at page 66).

Note 3: The CIPCO Massena-Grant wheeling charges are based on actual monthly amounts paid (credited to CIPCO) during 2011 as part of the monthly CIPCO O&T agreement.

Note 4: The NIPCO wheeling charges are based on actual monthly invoices accrued during 2011.

Note 5: The NEMO wheeling and facility charges are based on actual monthly invoices accrued during 2011.

Note 6: The MISO Schedule 10 Admin charges are based on fixed accrued during 2011.

**Total 2012** \$247,322,157

**Revenue Items:**

IPL Transmission Revenue (Ancillary Services only)

2012 IPL Budget Forecast

	January		February		March		April		May		June		July		August		September		October		November		December		Total			
	Estimate	Actual	Estimate	Actual																								
Schedule 2	437,878		391,477		410,940		376,463		475,516		477,181		431,708		403,636		425,918		373,701		396,106		437,875		5,038,399		-	
RPGI Dist (Note 2)	11,081		11,081		11,081		11,081		11,081		11,081		11,081		11,081		11,081		11,081		11,081		11,081		11,081		132,967	-
CBPC Disc (Note 2)	8,442		8,442		8,442		8,442		8,442		8,442		8,442		8,442		8,442		8,442		8,442		8,442		8,442		101,304	-
<b>TOTAL</b>	<b>457,401</b>	<b>-</b>	<b>411,000</b>	<b>-</b>	<b>430,462</b>	<b>-</b>	<b>395,986</b>	<b>-</b>	<b>495,038</b>	<b>-</b>	<b>496,704</b>	<b>-</b>	<b>451,230</b>	<b>-</b>	<b>423,159</b>	<b>-</b>	<b>445,441</b>	<b>-</b>	<b>393,223</b>	<b>-</b>	<b>415,628</b>	<b>-</b>	<b>457,398</b>	<b>-</b>	<b>5,272,670</b>	<b>-</b>	<b>-</b>	

- Notes:
- 1) Schedules 2 has been estimated using 2009 actuals where available multiplied by the forecasted increase/decrease in load (see table on far right).
  - 2) RPGI and CBPC are fixed charges and will not change month-to-month.
  - 3) Actual revenue is derived from the MISO Day 5 MR files after sorting.

Inerstate Power and Light  
2012 Billing Determinants

Schedule A-5

	Residential (kWh)	General Service (kWh)	Lighting (kWh)	Large General Service (kW)
Sales January	390,678,392	189,818,697	6,488,807	1,411,571
Sales February	348,355,663	176,531,801	6,488,807	1,406,624
Sales March	294,296,562	178,166,026	6,488,807	1,330,791
Sales April	259,566,540	147,872,233	6,497,554	1,399,819
Sales May	243,710,303	142,332,506	6,499,786	1,460,305
Sales June	280,269,984	156,366,951	6,496,093	1,519,119
Sales July	369,702,670	178,638,163	6,505,728	1,544,311
Sales August	432,421,288	200,724,820	6,489,983	1,565,942
Sales September	325,607,960	168,992,459	6,486,998	1,588,549
Sales October	226,161,868	159,382,504	6,488,807	1,501,294
Sales November	234,411,611	159,382,504	6,488,807	1,418,802
Sales December	348,006,673	188,021,995	6,488,807	1,427,946
Total	3,753,189,514	2,046,230,659	77,908,984	17,575,076

## Standby Transmission Reservation Fee

Line				<u>Reference</u>
1	2011 Total IPL Transmission Charges	\$	196,219,604	Workpaper A6, Line 6
2	2012 Total IPL Transmission Charges	\$	220,418,607	Schedule A2, Net Recoverable Expenses
3	2012 Increase percentage		12%	(Line 2 - Line 1 )/ Line 1
4	2011	\$	5.03 Contract Demand KW/Month	Rider RTS Tariff (Sheet No. 86)
5	2012	\$	5.65 Contract Demand KW/Month	1 plus line 3 times line 4

Interstate Power and Light  
2011 Net Iowa Retail Transmission Expense

Revised Workpaper A-6

<u>Line</u>			<u>Reference</u>
1	2011 IPL Transmission Expense (Net of 2009 true-up)	\$ 220,653,475	Septmber Transmission Expense Report, Exhibit 3 total less true-up of \$22,006,872.
2	2011 IPL Transmission Revenue	<del>\$ 5,344,972</del>	Septmber Transmission Expense Report, Exhibit 5 Monthly Actuals YTD plus Oct - Dec estimates
3	Net Transmission Expense	\$ 215,308,503	Line 1 less Line 2
4	Iowa electric amount (94.04%, on system coincident peak basis)	\$ 202,476,116	Line 3 times 0.9404
5	Iowa wholesale allocation (3.09%, on system coincident peak basis)	\$ (6,256,512)	Line 4 times -0.0309
6	Iowa Retail 2011 Net Transmission Expense	\$ 196,219,604	Line 4 plus line 5

IPL COST OF SERVICE STUDY  
 Load Factor - Diversity Factor Method  
 Iowa Load Only - All Pro-Formas

	Booked			Total kW		Generation			Energy Loss Factor	Annual kWh at Generator	Average Hourly kW	Excess Demand	Avg. Share	Excess Share	Total Share
	kW Class	Peak before Loss	Date/Time	Interruption Taken	Losses	Loss Factor	Annual Peak mW	Cls Peak Percent							
Residential	887,354	6/25 at 18	-14,111	873,243	0.0741	943,128	33.320%	3,555,200,231	0.0575	3,772,095,736	430,605	512,524	15.7452%	17.2101%	32.9553%
Total General Service	492,541	6/23 at 14	0	492,541	0.0741	531,959	18.794%	2,108,897,138	0.0575	2,237,556,645	255,429	276,530	9.3399%	9.2856%	18.6255%
General Service	490,688		0	490,688	0.0741	529,957	18.723%	2,097,102,376	0.0575	2,225,042,309	254,000				
Farm	0		0	0	0.0741	0	0.000%	0	0.0575	0	0	0			
Other Public Auth.	1,853		0	1,853	0.0741	2,001	0.071%	11,794,762	0.0575	12,514,336	1,429				
Large General Svc.	1,195,429	6/23 at 11	0	1,195,429	0.0630	1,275,851	45.075%	7,567,447,122	0.0486	7,954,393,954	908,036	367,816	33.2027%	12.3509%	45.5536%
Transmission	19,203		0	19,203	0.026	19,716	0.697%	119,256,247	0.0192	121,590,790	13,880	5,835	0.5075%	0.1959%	0.7035%
Primary	726,267		0	726,267	0.057	770,166	27.210%	4,624,001,372	0.0439	4,836,315,628	552,091	218,076	20.1874%	7.3228%	27.5102%
Secondary	449,959		0	449,959	0.0741	485,969	17.169%	2,824,189,503	0.0575	2,996,487,536	342,065	143,905	12.5077%	4.8322%	17.3399%
Bulk	56,915	9/29 at 17	0	56,915	0.026	58,434	2.064%	475,586,210	0.0192	484,896,217	55,353	3,081	2.0240%	0.1035%	2.1275%
Lighting (1)	19,904		0	19,904	0.0577	21,123	0.746%	79,573,028	0.0575	84,427,616	9,638	11,485	0.3524%	0.3857%	0.7381%
Resale			0												
Total	2,652,142		-14,111	2,638,031		2,830,496	100%	13,786,703,729		14,533,370,169	1,659,061	1,171,435	60.6642%	39.3358%	100.0000%

(1) Class peak kW before losses are annual sales divided by 4,030 hours. Energy losses used due to the fact that the class kW is average kW.

AED