

**FILED WITH
Executive Secretary
July 17, 2009
IOWA UTILITIES BOARD**

**BEFORE THE
IOWA UTILITIES BOARD**

**Docket No. RPU-2009-0002
LARGE ENERGY GROUP**

**Direct Exhibits
of
Robert J. Latham**

July 17, 2009

Large Energy Group

List of Participants

AG Processing	Mason City
Agri-Industrial Plastics	Fairfield
City of Cedar Rapids	Cedar Rapids
Deere & Company	Dubuque, Ottumwa
Genencor	Cedar Rapids
General Mills	Cedar Rapids
Griffin Wheel	Keokuk
Guardian Glass	DeWitt
Hormel Foods	Osceola
International Paper-CR Mill	Cedar Rapids
International Paper-Shaver Rd	Cedar Rapids
Lehigh Cement	Mason City
Keokuk Steel Casting	Keokuk
Keokuk Water Works	Keokuk
Kinze Manufacturing	Williamsburg
Mercy Medical Center	Cedar Rapids
Henniges Automotive	Keokuk
Penford Products	Cedar Rapids
FMI Climax Molybdenum	Fort Madison
PMX industries	Cedar Rapids
Quaker Oats	Cedar Rapids
Ralston Foods	Cedar Rapids
Rockwell Collins	Cedar Rapids
Roquette America	Keokuk
St. Lukes Hospital	Cedar Rapids

Interstate Power and Light Company**ELECTRIC TARIFF**

Filed with the I.U.B.

First Revised Sheet No. 27

ORIGINAL TARIFF NO. 1

Canceling Substitute Original Sheet No. 27

Electric Large General Service Usage

Rate Codes: 300, 307-8, 320, 327-8, 440, 447-8, 807-8

Time of Day:

On-Peak/Off-Peak Definition: On-peak hours shall be from 7 a.m. to 8 p.m. CST (8 a.m. to 9 p.m. during daylight savings time), Monday through Friday. Off-peak hours are all other times.

Excess Facilities Charge:

Any standard facilities required to provide non standard service, in excess of that permitted under this Schedule or the Company's Rules and Regulations, shall be provided at a monthly amount equal to 1.6% of the Company's investment in such facilities.

Primary Service Discounts:

Where primary service is available and provided the Customer purchases primary service and furnishes the approved transformation and protective devices, the following discounts on demand charges will be allowed: 4.42% for 4,160 to 34,500 volt service, 7.50% for 69,000 and 34,500 volt service (Customer assumes all responsibility transforming voltage from transmission level), and 10.00% for 115 kV service and above. A customer is not eligible for both point of delivery discounts and primary service discounts.

less than

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N, D

Meter not at point of delivery:

Where metering is not done at the point of delivery such as primary metering with secondary voltage delivery or secondary voltage metering with primary voltage, there will be a 2.0% decrease or increase in metered kW demand and kWh respectively before above rate schedule is applied. A customer is not eligible for both point of delivery discounts and primary service discounts.

Power Factor:

The above rate schedule is based on a power factor of 90% or higher. Where the power factor is less than 85%, the net demand charges will be increased by 1% for each whole 1% the power factor is below 90%; likewise where the power factor is higher than 95%, the demand charges will be decreased by 1% for each whole percent point the power factor is above 90%. The power factor shall be determined by suitable recording instruments. A power factor of 100% will be used in the event the Customer is providing kilovars to the IPL system at the time the billing demand is set.

N
N**Second Nature Program:**

A voluntary program, which allows customers to support generation technologies that rely on renewable energy resources. The Second Nature program affects the Energy Cost Adjustment, see Rider SECNAT.

Energy Cost Adjustment:

Billing under this schedule will include an adjustment per kWh, computed monthly to compensate for changes in the cost of fuel as described in the Energy Adjustment Clause, Rider EAC.

Tax Adjustment Clause:

This price is subject to a Tax Adjustment, see Rider TAX.

Economic Development Clause:

See Rider ECON.

Energy Efficiency Bill Credit:

See Rider EEBC.

Energy Efficiency Cost Recovery Clause:

See Rider EECR.

Interstate Power and Light Company

ELECTRIC TARIFF

Filed with the I.U.B.

Third Revised Sheet No. 29

Canceling Second Revised Sheet No. 29

ORIGINAL TARIFF NO. 1**Electric Large General Service – Bulk Usage**

Rate Code: 510

Applicable:

Available only for bulk transmission voltage level supply at transmission voltage level ^{1 or above} or above. A service contract will be required. Service hereunder is also subject to Company's Rules and Regulations. Customer assumes all responsibility transforming voltage from transmission level. N, D
N, D
N

*1 of 34 KV***Service Agreements:**

New Customers will be required to contract for the Large General Service – Bulk Usage for a term not less than one year with an appropriate cancellation charge covering the cost of installation and removal of facilities if service is terminated in less than one year. All Customers shall provide Company with one year notice of intent to change to an alternative rate.

Billing Provisions**Rate 510 Large General Service - Bulk Usage**

Bulk Capacity Demand Charge	\$9.82 per kW of Billing Demand
Bulk Capacity Energy Charge	0.274¢/kWh

R
R**Determination of Demands:**

The metered demands shall be measured by a 15 minute interval integrating demand meter and shall include the loss adjustments provided for in a contract for metering at other than 69 kV.

Minimum Billing Demand:

The Monthly Billing Demand shall be the largest metered demand in the twelve months ending with the current billing month but not less than 25,000 kW.

Minimum Energy Purchase:

The minimum number of kWh to be billed in any billing month shall be that quantity equal to the Billing Demand multiplied by 400.

Minimum Monthly Bill:

The minimum bill to be rendered for any billing period will be the demand charges for the Minimum Billing Demand for that month plus the energy charges for 400 kWh per kW of that Minimum Billing Demand.

Excess Facilities Charge:

Any standard facilities required to provide non standard service, in excess of that permitted under this Schedule or the Company's Rules and Regulations, shall be provided at a monthly amount equal to 1.6% of the Company's investment in such facilities.

Reactive Demand Charge:

In any billing month in which the maximum total reactive demand delivered exceeds 50% of the maximum total kilowatt demand, a charge will be made for such excess reactive in the amount of \$1.22 per kilovar.

Energy Cost Adjustment:

Billing under this schedule will include an adjustment per kWh, computed monthly to compensate for changes in the cost of fuel as described in the Energy Adjustment Clause, Rider EAC.

Tax Adjustment Clause:

This price is subject to a Tax Adjustment, see Rider TAX.

ELECTRIC TARIFF

Filed with the I.U.B.

ORIGINAL TARIFF NO. 1

Rider RTS – Regional Transmission Service Clause

The Regional Transmission Service Clause provides a mechanism to recover transmission expenditures of FERC approved Open Access Transmission Tariff of the Midwest Independent Transmission System Operator (MISO) through retail rates as approved by the Iowa Utilities Board (Board) through the application of cost recovery factors.

Applicable:

To all kW and kWh sales under retail electric rate schedules. The cost recovery factors are applied on a monthly basis to either base kilo-Watt-hours (energy) or base kiloWatt (demand) units, depending upon customer class, for the purpose of billing. The RTS factor shall be applied as a separate charge. The cost recovery factors shall be determined annually per the formula below and shall apply monthly to bills. All provisions of the customer's current applicable rate schedule will apply in addition to this charge.

Cost Recovery Factors to be applied to all uses for all bills rendered on and after January 1, 2010:

<u>Class</u>	<u>Price Codes</u>	<u>RTS \$/kWh</u>	<u>RTS \$/kW</u>
Residential Service Usage	040, 047-8, 050, 057-8, 060, 067-8, 100, 107-8, 150, 157-8, 400, 407-8, 450, 457-8, 460, 467-8, 470, 477-8, 550, 557-8, 560, 567-8, 570, 577-8	\$0.01386	n/a
General Service Usage	200, 207-8, 240, 247-8, 250, 257-8, 500, 507-8, 520, 527-8, 600, 607-8, 650, 657-8, 810, 817-8, 820, 827-8	\$0.01192	n/a
Large General Service Usage	300, 307-8, 320, 327-8, 440, 447-8, 807-8,	n/a	\$3.92 *
Large General Service Bulk Usage	510	n/a	\$3.88
Lighting Usage	080, 090, 190, 210, 270, 280, 620, 630, 640	\$0.01299	n/a
Standby	840	n/a	\$3.95

** To be adjusted by the Primary Service Discounts provisions of the LGS tariff.*

Alliant Energy Corporate Services, Inc.
Rate Schedule FERC No. 5

First Revised Sheet No. 1

SYSTEM COORDINATION
AND
OPERATING AGREEMENT

Among

Interstate Power and Light Company
Wisconsin Power and Light Company
Alliant Energy Corporate Services, Inc.

- August 1, 2007 -

Issued by: Catherine A. Briggs
Manager Regulatory Pricing
Issued on: March 18, 2008

Effective Date: August 1, 2007

Alliant Energy Corporate Services, Inc.
Rate Schedule FERC No. 5

Substitute First Revised Sheet No. 24
Superseding First Revised Sheet No. 24

6.07 Energy Exchanges With Non-Affiliated Utilities

The Agent shall coordinate and direct off-System purchases of Energy necessary to meet System requirements or improve System economies. The Agent shall coordinate and direct off-System sales of Energy available after meeting all of the requirements of the System including the energy associated with contractual requirements for off-System capacity sales. Any off-System economy Energy purchases or sales shall be implemented by decremental or incremental Economic Dispatch as appropriate. Any Margin on Energy purchases from off-System utilities or Margin on Energy sales to off-System utilities shall be distributed to the Companies in accordance with Schedule E.

ARTICLE VII

TRANSMISSION

7.01 Availability of Intertransmission Facilities

Each Company shall make its Intertransmission Facilities available to the RTO.

7.02 Availability of Direct Assignment Facilities

Each Company shall make Direct Assignment Facilities available to the RTO as may be required to provide transmission service to non-affiliated utilities.

7.03 Transmission Service Revenues

(a) The Companies shall share all OATT transmission service revenues obtained from the use of the Intertransmission Facilities that comprise the Alliant Energy Operating

Issued by: Catherine A. Briggs
Manager Regulatory Pricing
Issued on: March 18, 2008

Effective Date: August 1, 2007

INTERSTATE POWER AND LIGHT COMPANY

FILED WITH
Executive Secretary

IOWA ELECTRIC UTILITY

March 17, 2009

PRO FORMA ADJUSTMENT FOR CHANGES IN FIRM WHEELING EXPENSE RPU-2009-0002

IOWA UTILITIES BOARD

YEAR ENDED DECEMBER 31, 2008

Line No.

1	Firm wheeling expense for year 2009	\$ 153,711,056 WP B-9(b)
2	Firm wheeling expense in test year 2008	91,640,567 WP B-9(a)
3	Net increase in wheeling expense	<u>62,070,489</u>
4	Iowa electric amount (94.11%, on system coincident peak basis)	<u>\$58,414,537</u>

IPL PURCHASED WHEELING DEMAND CHARGES FOR 2008 (Sale-Made To ITC)

COMPANY	Contract	Actual	TOTAL												
	End Date	Jan 09	Feb 09	Mar 09	Apr 09	May 09	Jun 09	Jul 09	Aug 09	Sep 09	Oct 09	Nov 09	Dec 09		
IPL Wheeling Charges															
<u>MMW</u> <u>MMW/Mth</u>															
28 \$1,152	MEC: Neal 4 (our share)	\$28,800	\$28,800	\$28,800	\$28,800	\$28,800	\$28,800	\$28,800	\$28,800	\$28,800	\$28,800	\$28,800	\$28,800	\$28,800	\$245,600
27	MEC: Louisa	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$21,008
134	MEC: Neal 4	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$1,652,416
3	WAPA: Every Load	\$8,678	\$8,678	\$8,678	\$8,678	\$8,678	\$8,678	\$8,678	\$8,678	\$8,678	\$8,678	\$8,678	\$8,678	\$8,678	\$108,032
	Total MEC/WAPA	\$194,430	\$2,337,056												
New Ollier Wheeling Expenses Post ITC (1)															
Com Belt Power Coop															
Mid American Energy															
NE Missouri Electric Power Coop															
		\$36,574	\$46,492	\$54,639	\$35,368	\$42,022	\$42,670	\$37,004	\$37,422	\$38,556	\$39,593	\$38,688	\$42,667	\$491,795	
Total Other Firm Wheeling		\$36,574	\$46,492	\$54,639	\$35,368	\$42,022	\$42,670	\$37,004	\$37,422	\$38,556	\$39,593	\$38,688	\$42,667	\$491,795	
PJM Wheeling															
<u>MMW</u> <u>MMW/Mth</u>															
IPL's % of PJM															
PJM Adders (sched, dispatch, reactive, black start)															
		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total PJM Wheeling		\$0	\$0												
Total IPL Firm Wheeling		\$231,004	\$240,913	\$248,945	\$235,019	\$242,193	\$242,844	\$237,190	\$237,604	\$238,836	\$239,890	\$238,887	\$238,400	\$3,011,724	
IPL Other Wheeling (CIPCO, NE Missouri, NW Power Coop)															
		\$231,004	\$240,913	\$248,945	\$235,019	\$242,193	\$242,844	\$237,190	\$237,604	\$238,836	\$239,890	\$238,887	\$238,400	\$3,011,724	
Total IPL Wheeling (Excl Network)		\$231,004	\$240,913	\$248,945	\$235,019	\$242,193	\$242,844	\$237,190	\$237,604	\$238,836	\$239,890	\$238,887	\$238,400	\$3,011,724	
MISO Network: Transm Service															
Portion of Row 41 that are Schedule 9 charges (ITC)		\$7,885,218	\$6,928,982	\$7,109,522	\$6,228,302	\$6,916,254	\$7,216,822	\$6,650,714	\$8,375,430	\$8,017,121	\$7,096,459	\$7,326,914	\$7,679,726	\$88,628,043	
		\$6,793,894	\$6,162,755	\$6,257,752	\$5,481,019	\$5,989,120	\$6,200,355	\$7,559,551	\$7,318,842	\$7,004,870	\$6,114,298	\$6,317,210	\$6,551,462	\$77,391,227	
Total IPL Wheeling (non-network + network)		\$7,815,222	\$7,169,265	\$7,358,467	\$6,461,321	\$6,958,457	\$7,459,666	\$6,887,904	\$8,613,033	\$8,255,957	\$7,336,349	\$7,565,801	\$8,058,126	\$91,640,567	

(1) These expenses were in the T&S budget prior to the sale to ITC. After the sale, they needed to be moved to corporate wheeling expense, so starting 4/09 there are included in these outbooks. Nothing budgeted as it was thought these would go away w/

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 IOWA UTILITIES BOARD
 RPU-2009-0003**

IPL PURCHASED WHEELING DEMAND CHARGES FOR 2009

COMPANY	Contract End Date	Actual Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	TOTAL
IPL Wheeling Charges														
MEC: NEAL 4 (our share)	12/31/11	\$20,800	\$20,800	\$20,800	\$20,800	\$20,800	\$20,800	\$20,800	\$20,800	\$20,800	\$20,800	\$20,800	\$20,800	\$245,600
MEC: LOUISA	1/1/11	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$2,584	\$31,008
MEC: NEAL 4	12/31/11	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$154,368	\$1,852,416
MEC: To Serve Coaster Load	4/30/20	\$0	\$1,700	\$1,700	\$1,700	\$1,700	\$1,700	\$1,700	\$1,700	\$1,700	\$1,700	\$1,700	\$1,700	\$18,700
MEC: WAPA, Everly Load	7/31/11	\$9,198	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$108,198
Total MEC/WAPA		\$194,300	\$196,452	\$2,355,922										
Other Wheeling Expenses Post ITC (1)														
Com Best Power Coop		\$3,424	\$3,424	\$3,424	\$3,424	\$3,424	\$3,424	\$3,424	\$3,424	\$3,424	\$3,424	\$3,424	\$3,424	\$41,088
Mid American Energy		\$1,836	\$1,836	\$1,836	\$1,836	\$1,836	\$1,836	\$1,836	\$1,836	\$1,836	\$1,836	\$1,836	\$1,836	\$22,032
NE Missouri Electric Power Coop		\$5,260	\$5,260	\$5,260	\$5,260	\$5,260	\$5,260	\$5,260	\$5,260	\$5,260	\$5,260	\$5,260	\$5,260	\$63,120
Total Other Firm Wheeling		\$10,520	\$126,640											
PJM Wheeling														
MEC: PJM		\$50,310	\$46,000	\$46,000	\$46,000	\$46,000	\$46,000	\$46,000	\$46,000	\$46,000	\$46,000	\$46,000	\$46,000	\$546,000
Total PJM Wheeling		\$50,310	\$46,000	\$546,000										
Total IPL Wheeling (Exact Network)		\$299,130	\$297,712	\$3,511,084										
MISO Network Tramm Expense		\$12,227,653	\$11,020,354	\$11,295,847	\$10,379,616	\$11,664,428	\$14,127,296	\$14,972,939	\$15,144,313	\$13,154,499	\$12,158,026	\$11,487,639	\$12,696,462	\$150,600,172
Portage of MISO Network Util is Schedule B related to ITC		\$11,124,784	\$10,078,056	\$10,303,439	\$9,489,473	\$10,631,474	\$12,964,870	\$13,725,400	\$13,883,367	\$12,656,611	\$11,132,675	\$10,513,076	\$11,620,007	\$137,560,863
Total IPL Wheeling + Network		\$12,778,173	\$11,768,045	\$11,514,558	\$10,627,328	\$11,915,140	\$14,375,008	\$15,270,651	\$15,392,045	\$13,402,211	\$12,405,728	\$11,735,361	\$13,079,468	\$153,711,055

(1) These expenses were in the T&E budget prior to this sale to ITC. After the sale, they needed to be moved to corporate wheeling expense, so starting 1/1/09 there are included in these outflows. Nothing budgeted in 2008 as it was thought these would go to Com Best Annual Invoice processed by Joel Duffy
 MEC: Monthly Invoices processed by Joel Duffy
 NE Missouri: Monthly invoice processed by IPL Acctg