

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I.U.C.

### ORIGINAL TARIFF NO. 1

Two Hundred-Twenty-Seventh Revised Sheet No. 57

Canceling Two Hundred-Twenty-Sixth Revised Sheet No. 57

#### Rider EAC – Energy Adjustment Clause

##### RESIDENTIAL SERVICE ENERGY ADJUSTMENT CLAUSE FACTORS

Billing Month	Billed EAC \$/kWh (A=B+C+D+E) (A)	Rider AEP – Alternate Energy Production Clause Factor \$/kWh (B)	Rider TBR - Tax Benefit Rider \$/kWh (C)	Energy (fuel) Cost Only \$/kWh (D)	Rider RCE- Rate Case Expense \$/kWh (E)
January 2024	\$0.02110	\$0.0054	-	\$0.0157	-
February	\$0.01950	\$0.0041	-	\$0.0154	-
March	\$0.01830	\$0.0040	-	\$0.0143	-
April	\$0.02240	\$0.0082	-	\$0.0142	-
May	\$0.01350	\$0.0082	-	\$0.0053	-
June	\$0.01100	\$0.0039	-	\$0.0071	-
July	\$0.01690	\$0.0011	-	\$0.0158	-
August	\$0.02200	\$0.0072	-	\$0.0148	-
September	\$0.02280	\$0.0045	-	\$0.0183	-
October	\$0.01520	\$0.0056	-	\$0.0096	-
November	\$0.00500	\$0.0038	-	\$0.0012	-
December	\$0.00840	\$0.0069	-	\$0.0015	-
January 2025	\$0.01160	\$0.0081	-	\$0.0035	-
February	\$0.01020	\$0.0065	-	\$0.0037	-
March	\$0.00020	\$0.0042	-	(\$0.0040)	-
April	(\$0.01100)	\$0.0068	-	(\$0.0178)	-
May	(\$0.01050)	\$0.0088	-	(\$0.0193)	-

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I.U.C.

One Hundred-Thirty-Second Revised Sheet No. 57.1

### ORIGINAL TARIFF NO. 1

Canceling One Hundred-Thirty-First Revised Sheet No. 57.1

#### Rider EAC – Energy Adjustment Clause

##### NON-RESIDENTIAL GENERAL SERVICE ENERGY ADJUSTMENT CLAUSE FACTORS

Billing Month	Billed EAC \$/kWh (A=B+C+D+E) (A)	Rider AEP – Alternate Energy Production Clause Factor \$/kWh (B)	Rider TBR - Tax Benefit Rider \$/kWh (C)	Energy (fuel) Cost Only \$/kWh (D)	Rider RCE- Rate Case Expense \$/kWh (E)
January 2024	\$0.02110	\$0.0054	-	\$0.0157	-
February	\$0.01950	\$0.0041	-	\$0.0154	-
March	\$0.01830	\$0.0040	-	\$0.0143	-
April	\$0.02240	\$0.0082	-	\$0.0142	-
May	\$0.01350	\$0.0082	-	\$0.0053	-
June	\$0.01100	\$0.0039	-	\$0.0071	-
July	\$0.01690	\$0.0011	-	\$0.0158	-
August	\$0.02200	\$0.0072	-	\$0.0148	-
September	\$0.02280	\$0.0045	-	\$0.0183	-
October	\$0.01520	\$0.0056	-	\$0.0096	-
November	\$0.00500	\$0.0038	-	\$0.0012	-
December	\$0.00840	\$0.0069	-	\$0.0015	-
January 2025	\$0.01160	\$0.0081	-	\$0.0035	-
February	\$0.01020	\$0.0065	-	\$0.0037	-
March	\$0.00020	\$0.0042	-	(\$0.0040)	-
April	(\$0.01100)	\$0.0068	-	(\$0.0178)	-
May	(\$0.01050)	\$0.0088	-	(\$0.0193)	-

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I.U.C.

### ORIGINAL TARIFF NO. 1

One Hundred-Thirty-Second Revised Sheet No. 57.2

Canceling One Hundred-Thirty-First Revised Sheet No. 57.2

#### Rider EAC – Energy Adjustment Clause

##### LARGE GENERAL SERVICE ENERGY ADJUSTMENT CLAUSE FACTORS

Billing Month	Billed EAC \$/kWh (A=B+C+D+E) (A)	Rider AEP – Alternate Energy Production Clause Factor \$/kWh (B)	Rider TBR - Tax Benefit Rider \$/kWh (C)	Energy (fuel) Cost Only \$/kWh (D)	Rider RCE- Rate Case Expense \$/kWh (E)
January 2024	\$0.02110	\$0.0054	-	\$0.0157	-
February	\$0.01950	\$0.0041	-	\$0.0154	-
March	\$0.01830	\$0.0040	-	\$0.0143	-
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May	\$0.01350	\$0.0082	-	\$0.0053	-
June	\$0.01100	\$0.0039	-	\$0.0071	-
July	\$0.01690	\$0.0011	-	\$0.0158	-
August	\$0.02200	\$0.0072	-	\$0.0148	-
September	\$0.02280	\$0.0045	-	\$0.0183	-
October	\$0.01520	\$0.0056	-	\$0.0096	-
November	\$0.00500	\$0.0038	-	\$0.0012	-
December	\$0.00840	\$0.0069	-	\$0.0015	-
January 2025	\$0.01160	\$0.0081	-	\$0.0035	-
February	\$0.01020	\$0.0065	-	\$0.0037	-
March	\$0.00020	\$0.0042	-	(\$0.0040)	-
April	(\$0.01100)	\$0.0068	-	(\$0.0178)	-
May	(\$0.01050)	\$0.0088	-	(\$0.0193)	-

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I.U.C.

### ORIGINAL TARIFF NO. 1

One Hundred-Thirty-Second Revised Sheet No. 57.3

Canceling One Hundred-Thirty-First Revised Sheet No. 57.3

#### Rider EAC – Energy Adjustment Clause

#### LARGE GENERAL SERVICE-HIGH LOAD FACTOR/LARGE VOLUME ENERGY ADJUSTMENT CLAUSE FACTORS

Billing Month	Billed EAC \$/kWh (A=B+C+D+E) (A)	Rider AEP – Alternate Energy Production Clause Factor \$/kWh (B)	Rider TBR - Tax Benefit Rider \$/kWh (C)	Energy (fuel) Cost Only \$/kWh (D)	Rider RCE- Rate Case Expense \$/kWh (E)
January 2024	\$0.02110	\$0.0054	-	\$0.0157	-
February	\$0.01950	\$0.0041	-	\$0.0154	-
March	\$0.01830	\$0.0040	-	\$0.0143	-
April	\$0.02240	\$0.0082	-	\$0.0142	-
May	\$0.01350	\$0.0082	-	\$0.0053	-
June	\$0.01100	\$0.0039	-	\$0.0071	-
July	\$0.01690	\$0.0011	-	\$0.0158	-
August	\$0.02200	\$0.0072	-	\$0.0148	-
September	\$0.02280	\$0.0045	-	\$0.0183	-
October	\$0.01520	\$0.0056	-	\$0.0096	-
November	\$0.00500	\$0.0038	-	\$0.0012	-
December	\$0.00840	\$0.0069	-	\$0.0015	-
January 2025	\$0.01160	\$0.0081	-	\$0.0035	-
February	\$0.01020	\$0.0065	-	\$0.0037	-
March	\$0.00020	\$0.0042	-	(\$0.0040)	-
April	(\$0.01100)	\$0.0068	-	(\$0.0178)	-
May	(\$0.01050)	\$0.0088	-	(\$0.0193)	-

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I.U.C.

One Hundred-Thirty-Second Revised Sheet No. 57.4

### ORIGINAL TARIFF NO. 1

Canceling One Hundred-Thirty-First Revised Sheet No. 57.4

#### Rider EAC – Energy Adjustment Clause

##### AREA AND STREET LIGHTING SERVICE ENERGY ADJUSTMENT CLAUSE FACTORS

Billing Month	Billed EAC \$/kWh (A=B+C+D+E) (A)	Rider AEP – Alternate Energy Production Clause Factor \$/kWh (B)	Rider TBR - Tax Benefit Rider \$/kWh (C)	Energy (fuel) Cost Only \$/kWh (D)	Rider RCE- Rate Case Expense \$/kWh (E)
January 2024	\$0.02110	\$0.0054	-	\$0.0157	-
February	\$0.01950	\$0.0041	-	\$0.0154	-
March	\$0.01830	\$0.0040	-	\$0.0143	-
April	\$0.02240	\$0.0082	-	\$0.0142	-
May	\$0.01350	\$0.0082	-	\$0.0053	-
June	\$0.01100	\$0.0039	-	\$0.0071	-
July	\$0.01690	\$0.0011	-	\$0.0158	-
August	\$0.02200	\$0.0072	-	\$0.0148	-
September	\$0.02280	\$0.0045	-	\$0.0183	-
October	\$0.01520	\$0.0056	-	\$0.0096	-
November	\$0.00500	\$0.0038	-	\$0.0012	-
December	\$0.00840	\$0.0069	-	\$0.0015	-
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February	\$0.01020	\$0.0065	-	\$0.0037	-
March	\$0.00020	\$0.0042	-	(\$0.0040)	-
April	(\$0.01100)	\$0.0068	-	(\$0.0178)	-
May	(\$0.01050)	\$0.0088	-	(\$0.0193)	-

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I.U.C.

### ORIGINAL TARIFF NO. 1

One Hundred-Thirty-Second Revised Sheet No. 57.5

Canceling One Hundred-Thirty-First Revised Sheet No. 57.5

#### Rider EAC – Energy Adjustment Clause

##### STANDBY POWER SERVICE ENERGY ADJUSTMENT CLAUSE FACTORS

Billing Month	Billed EAC \$/kWh (A=B+C+D+E) (A)	Rider AEP – Alternate Energy Production Clause Factor \$/kWh (B)	Rider TBR - Tax Benefit Rider \$/kWh (C)	Energy (fuel) Cost Only \$/kWh (D)	Rider RCE- Rate Case Expense \$/kWh (E)
January 2024	\$0.02110	\$0.0054	-	\$0.0157	-
February	\$0.01950	\$0.0041	-	\$0.0154	-
March	\$0.01830	\$0.0040	-	\$0.0143	-
April	\$0.02240	\$0.0082	-	\$0.0142	-
May	\$0.01350	\$0.0082	-	\$0.0053	-
June	\$0.01100	\$0.0039	-	\$0.0071	-
July	\$0.01690	\$0.0011	-	\$0.0158	-
August	\$0.02200	\$0.0072	-	\$0.0148	-
September	\$0.02280	\$0.0045	-	\$0.0183	-
October	\$0.01520	\$0.0056	-	\$0.0056	-
November	\$0.00500	\$0.0038	-	\$0.0012	-
December	\$0.00840	\$0.0069	-	\$0.0015	-
January 2025	\$0.01160	\$0.0081	-	\$0.0035	-
February	\$0.01020	\$0.0065	-	\$0.0037	-
March	\$0.00020	\$0.0042	-	(\$0.0040)	-
April	(\$0.01100)	\$0.0068	-	(\$0.0178)	-
May	(\$0.01050)	\$0.0088	-	(\$0.0193)	-

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I.U.C.

### ORIGINAL TARIFF NO. 1

Eighty-Fourth Revised Sheet No. 57.6

Canceling Eighty-Third Revised Sheet No. 57.6

#### Rider EAC – Energy Adjustment Clause

##### LARGE GENERAL SERVICE – SUPPLEMENTARY POWER ENERGY ADJUSTMENT CLAUSE FACTORS

Billing Month	Billed EAC \$/kWh (A=B+C+D+E) (A)	Rider AEP – Alternate Energy Production Clause Factor \$/kWh (B)	Rider TBR - Tax Benefit Rider \$/kWh (C)	Energy (fuel) Cost Only \$/kWh (D)	Rider RCE- Rate Case Expense \$/kWh (E)
January 2024	\$0.02110	\$0.0054	-	\$0.0157	-
February	\$0.01950	\$0.0041	-	\$0.0154	-
March	\$0.01830	\$0.0040	-	\$0.0143	-
April	\$0.02240	\$0.0082	-	\$0.0142	-
May	\$0.01350	\$0.0082	-	\$0.0053	-
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August	\$0.02200	\$0.0072	-	\$0.0148	-
September	\$0.02280	\$0.0045	-	\$0.0183	-
October	\$0.01520	\$0.0056	-	\$0.0096	-
November	\$0.00500	\$0.0038	-	\$0.0012	-
December	\$0.00840	\$0.0069	-	\$0.0015	-
January 2025	\$0.01160	\$0.0081	-	\$0.0035	-
February	\$0.01020	\$0.0065	-	\$0.0037	-
March	\$0.00020	\$0.0042	-	(\$0.0040)	-
April	(\$0.01100)	\$0.0068	-	(\$0.0178)	-
May	(\$0.01050)	\$0.0088	-	(\$0.0193)	-

**Rider EAC – Energy Adjustment Clause****Energy Adjustment Clause:**

The energy charge of this rate schedule shall be increased or shall be decreased 0.01¢ per kilowatt-hour (kWh) for each 0.01¢ (or major fraction thereof) increase above or decrease below a base cost per kWh in the average cost of total energy costs for all kWh-hours forecast for the month during which the Energy Adjustment Clause will be used and the prior month. The energy cost adjustment shall be determined for each month and shall apply to bills for meter readings on and after the first day of the billing month.

For any month, the energy adjustment shall be calculated as follows:

$$E_0 = \frac{EC_0 + EC_1}{EQ_0 + EQ_1} + \frac{A_1}{EJ_0 + EJ_1} + AEP$$

Where:

$E_0$  = The energy adjustment charge to be used in the next customer billing cycle rounded to the nearest 0.01¢/kWh.

$EC_0$  = The estimated expense for energy in the month that  $E_0$  will be used.

$EC_1$  = The estimated expense for energy in the month prior to the month of  $EC_0$ .

$AEP$  = The actual AEP factor from Rider AEP for the month that  $E_0$  will be used.

The estimated expense for  $EC_0$  and  $EC_1$  shall include the energy costs included in the following accounts of the Uniform System of Accts: 501.10, 501.20, 501.30, 501.40, 518.10, 518.11, 547.10, 547.20, and 547.30 plus the energy costs paid for energy purchased under arrangements or contracts for firm power, including amortization of the buyout payment associated with the amendment of the power purchase agreement with NextEra Energy Duane Arnold, LLC executed on July 31, 2012, related to the output from the Duane Arnold Energy Center, operational control energy, outage energy, participation power, peaking power and economy energy, as entered in account 555.10, less the energy revenues to be recovered from corresponding sales, as entered in account 447, the revenue from the low-load Auction Revenue Rights program, federal production tax credits (PTCs) grossed up for income tax effects, associated with the energy production from the AEP facilities constructed or being constructed as part of New Wind I and New Wind II, Duane Arnold Solar I, Duane Arnold Solar II, Creston Solar, and Wever Solar (net of the costs of transferring PTCs or other tax credits pursuant to the provisions of applicable tax law). Purchases of capacity and energy from qualifying alternate energy production facilities and qualifying small hydro facilities shall not be included in the estimated expenses. The estimated weighted average cost of inventoried allowances used in generating electricity, the approved amortization of the balance of contracted SO<sub>2</sub> emission allowances, and the estimated gains and losses from allowance sales shall also be included in the estimated expense.

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$EQ_0$  = The estimated electric energy to be consumed or delivered during the month of which  $E_0$  will be used.

$EQ_1$  = The estimated electric energy to be consumed or delivered during the month prior to  $EQ_0$ .



**Rider EAC – Energy Adjustment Clause**

The estimated energy for  $EQ_0$  and  $EQ_1$  shall include the energy consumed or delivered and entered in Accts. 440, 442, 444-7, excluding energy from distinct interchange deliveries entered in Account 447 and including intra-utility energy service as included in Accounts 448 and 929 of the Uniform System of Accts.

- $EJ_0$  = The estimated electric energy to be consumed under rates set by the Board in the month during which the energy adjustment charge ( $E_0$ ) will be used in bill calculations.
- $EJ_1$  = The estimated electric energy to be consumed under rates set by the Board in the months prior to the month of  $EJ_0$ .
- $A_1$  = The beginning of the month energy cost adjustment balance for the month of estimated consumption  $EJ_1$ . This would be the most recent month's balance available from actual accounting data.

The energy cost adjustment account balance (A) shall be the cumulative balance of any excess or deficiency which arises out of the difference between Board recognized energy cost recovery and the amount recovered through application of energy charges to consumption under rates set by the Board.

Each monthly entry (D) into the energy cost adjustment account shall be the dollar amount determined from solution of the following equation:

$$D = C_2 \times Q_2 - J_2 \times (E_2 - AEP_2)$$

Where:

- $C_2$  = The actual expense for energy recorded in the month prior to  $EJ_1$  in accounts: 501.10, 501.20, 501.30, 501.40, 518.10, 518.11, 547.10, 547.20 and 547.30 plus the energy costs paid for energy purchased under arrangements or contracts for firm power, including amortization of the buyout payment associated with the amendment of the power purchase agreement with NextEra Energy Duane Arnold, LLC executed on July 31, 2012, related to the output from the Duane Arnold Energy Center, operational control energy, outage energy, participation power, peaking power and economy energy, as entered in account 555.10, less the energy revenues to be recovered from corresponding sales, as entered in account 447, the revenue from the low-load Auction Revenue Rights program, federal production tax credits (PTCs) grossed up for income tax effects associated with the energy production from the AEP facilities constructed or being constructed as part of New Wind I and New Wind II, Duane Arnold Solar I, Duane Arnold Solar II, Creston Solar, and Wever Solar (net of the costs of transferring PTCs or other tax credits pursuant to the provisions of applicable tax law). Purchases of capacity and energy from qualifying alternate energy production facilities and qualifying small hydro facilities shall not be included. The weighted average cost of inventoried allowances used in generating electricity and the approved amortization of the balance of contracted  $SO_2$  emission allowances. The gains and losses from allowance sales occurring during the month.

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- $J_2$  = The actual energy consumed in the prior month under rates set by the Board and recorded in Accounts 440, 442 and 444-6 of the Uniform System of Accounts.

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I.U.B.

### ORIGINAL TARIFF NO. 1

Substitute Second Revised Sheet No. 59.1

Canceling Second Sub. First Revised Sheet No. 59.1

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#### Rider EAC – Energy Adjustment Clause

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$Q_2$  = The actual total energy consumed or delivered in the prior month and recorded in Accounts 440, 442, 444-7, and excluding energy from distinct interchange deliveries entered in account 447, and including intra-utility energy service as included in accounts 448 and 929 of the Uniform System of Accounts.

T

$E_2 - AEP_2$  = The energy adjustment charge used for billing in the prior month reduced by the AEP factor for that month.