

**WHITEWATER VALLEY  
RURAL ELECTRIC MEMBERSHIP CORPORATION**

**SCHEDULE IP – 3 UG  
INDUSTRIAL POWER SERVICE EFFECTIVE AUGUST 1, 2013**

**AVAILABILITY**

Available only to members that qualify and are approved for Hoosier Energy's Industrial Power Tariff (IPT) rate. This rate is designed for underground substation exits. Consideration of this rate is based on a minimum monthly demand of 7500kW.

**TYPE OF SERVICE**

Alternating current, 60-hertz, three-phase, 277/480 volts or other standard voltage values mutually agreeable to the member and the REMC. Standby or resale service is not permitted under this rate schedule.

**MONTHLY RATE**

Facilities Charge:	Industrial Power (IP004)	@\$250.00 per month
Energy Charge:		
On-Peak Purchased Power		@0.07141 per kWh
Off-Peak Purchased Power		@0.04041 per kWh
Billing Demand Charge:		
Distribution Delivery		@\$ 2.05 per kW
Purchased Power		@\$11.51 per kW
Connect Charge:		
First bill new/existing service (excluding seasonal service)		@\$50.00
Excess Net kVARh Charge:		@\$0.00616 per kVARh per month

**ENERGY**

**On peak:**

On-Peak – For the months of June through August, excluding Independence Day as defined by the NERC holiday schedule, On-peak energy shall be all Kilowatt-hours used during the period 12:00pm to 10:00pm – Monday through Friday, E.D.T., daily.

For the months of December through February, excluding Christmas and New Years Day as defined by the NERC holiday schedule, On-peak energy shall be all kilowatt-hours used during the periods 7:00am to 10:00am and 6:00pm to 9:00pm – Monday through Friday, E.S.T. daily.

E.D.T. = Daylight Savings Time is -4 hours of the UTC (Coordinated Universal Time)

E.S.T. = Eastern Standard Time is -5 hours of the UTC (Coordinated Universal Time)

**Off Peak:**

Off-Peak energy shall be all kilowatt-hours used during all hours other than on-peak hours as described above.

**MONTHLY BILLING DEMAND MINIMUM CHARGE**

The minimum monthly billing demand charge under this schedule shall be 7500kW.

**INDUSTRIAL WHOLESALE POWER ADJUSTMENT**

The above rates are subject to an industrial wholesale power adjustment clause as defined in Appendix "A".

**NON-COINCIDENT DEMAND**

Non-Coincident Demand at each member cooperative delivery point shall be the highest fixed 30-minute demand during the On-Peak Period of the month expressed in kilowatts. The On-Peak Demand period is defined as between 7:00 a.m. and 11:00 p.m., E.S.T. daily.

**DETERMINATION OF BILLING DEMAND**

The Billing Demand shall be the highest Non-Coincident adjusted for Power Factor expressed in kilowatts, but in no event less than 75% of the highest Billing Demand used in any of the preceding 11 months, or 7500 kilowatts, whichever is greater.

**POWER FACTOR ADJUSTMENT**

The member agrees to maintain loads, as close as possible, to unity power factor (100%). If the power factor (leading or lagging) at the time of the Non-Coincident Demand is determined to be less than 97%, the Non-Coincident Demand shall be adjusted separately by multiplying the Non-Coincident Demand by the ratio of the current target power factor percent (97%) and the measured actual power factor percent at the time of the Non-Coincident Demand.

The REMC also reserves the right to measure such power factor and to adjust the Billing Demand when the monthly average power factor is less than 95%. If the Average Monthly Power Factor (leading or lagging) is determined to be less than 95 percent, the "Excess Net KVARH" subject to the "Excess Net kVARh charge" is the difference between the actual measured Net kVARh amount and a calculated Net kVARh, based upon the recorded kWh for the month and the targeted average monthly power factor of 95%. The Net kVARh calculation is based upon the standard Average Monthly Power Factor equation of:

$$\text{Average Monthly Power Factor} = \text{AMPF} = \frac{kWh}{\sqrt{kWh^2 + \text{Net } kVARh^2}}$$

$$\text{Net } kVARh = kWh \times \sqrt{[1 \div (\text{AMPF})^2] - 1}$$

### **DETERMINATION OF MONTHLY AVERAGE POWER FACTOR**

Monthly average power factor shall be determined by means of reactive component meter to record reactive kilovolt-ampere hours, used in conjunction with a standard watt-hour meter. For the purpose of this schedule, monthly average power factor is defined to be the quotient obtained by dividing the kilowatt-hours used during the month by the square root of the sum of the squares of the kilowatt-hours used and the reactive kilovolt-ampere hours supplied during the same period.

### **WHOLESALE RATE CHANGES**

Should there be any changes in the Hoosier Energy Industrial Power Tariff under which Whitewater Valley REMC purchases power for service hereunder, the charges and provisions of this rate schedule shall change correspondingly such that the change in wholesale power cost is passed through to the member.

### **PRIMARY METERING**

If service is furnished at the primary distribution voltage (12.47/7.2kv), in which case the consumer owns, operates, and maintains the service transformers and all secondary facilities (including 12.47/7.2kv facilities) other than the metering equipment, a discount of \$1.42 of kW will apply to the demand charge.

### **INTERRUPTION OF SERVICE**

The REMC will make reasonable provisions to ensure satisfactory and continuous service, but does not guarantee a continuous supply of electrical energy and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by an act of God, or the public enemy, or any cause reasonably beyond its control, including but not limited to the failure or breakdown of generating or transmitting facilities, floods, fire strikes, or action or order of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the generating equipment or transmission and distribution system of the REMC.

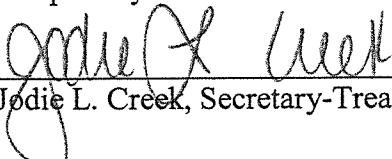
The member shall notify the REMC immediately of any defects, trouble or accident which may in any way affect the delivery of power by the REMC to the member.

**SPECIAL PROVISIONS**

1. The members will be required to give satisfactory assurance in writing as to the character, amount, and duration of the service required.
2. The REMC will, under the provisions of this rate, require the member to enter into an agreement with the REMC setting forth specific terms and conditions of implementing this rate schedule. Whenever the member increases his electrical load, which increase requires the REMC to increase facilities installed for the specific use of the member, a new agreement may be required.
3. The REMC will furnish service under this rate schedule at a single voltage. Equipment to supply additional voltages or additional facilities for the use of the member shall be furnished and maintained by the member. The member may request the REMC to furnish such additional equipment and the REMC, at its sole option, may furnish install, and maintain such additional equipment, and will charge the member for the use thereof.
4. The member will schedule and use service in such a manner as will not (a) cause objectionable voltage fluctuations; (b) result in an unbalanced load between phases by more than ten (10) percent; or (c) cause other electrical disturbances to the REMC'S system. If such disturbances become objectionable, the REMC (a) may require the member to install corrective equipment at the member's expense; (b) install corrective equipment and charge the member for the cost of equipment and installation thereof; or (c) terminate service to the member.

Effective Date: August 1, 2013

Adopted by the Whitewater Valley REMC Board of Directors: July 31, 2013

  
\_\_\_\_\_  
Jodie L. Creek, Secretary-Treasurer

