

### **17.5.10 Rate Designation: Alternative Energy Production (AEP) (Optional Rate)**

**Class of Service:** Any single-phase or multi-phase member-consumer with a certified, qualifying alternate energy production facility or a qualifying small hydro facility.

**Service Area:** All Areas.

**Availability:** This section shall apply to any member-consumer with qualifying alternate energy production facilities or qualifying small hydro facilities as defined in Section 199-15.1, Iowa Administrative Code. Service will be accepted by the Cooperative pursuant to the provisions above and to the Cooperative's Electric Interconnection Requirements.

**Rate:** The member-consumer must purchase electricity on Rates 3, 4, 5, 11, 12 or 13. Alternate energy provided by the member-consumer to the Cooperative is netted against recorded kWh provided by the utility to the member-consumer on a monthly basis. If a member-consumer purchases energy on Rates 11, 12, or 13, alternate energy provided by the member-consumer to the Cooperative is netted against recorded kWh provided at the individual time-block by the utility to the member-consumer on a monthly basis.

The cooperative will pay a monthly rate "Avoided Cost" per kWh as determined by the cooperative's power supplier for kWh's in excess of net for AEP projects up to 100 kW nameplate rating. AEP projects greater than 100 kW nameplate rating requires a separate purchase agreement for the balance of the facility's capacity.

**Restrictions:**

1. Demand Requirement. The Cooperative's Board of Directors will review AEP projects where the nameplate rating of the facility is over 100 kW to ensure that the project or the total of all AEP projects do not adversely affect the distribution system or the members of the distribution system.
2. The AEP site shall be in the Cooperative's service territory and shall be a member of the Cooperative.
3. The AEP facility shall be for the purpose of supplying energy for the member-consumer's sole use.