

P.S.C.U. No. 50

First Revision of Sheet No. 140.11 Canceling Original Sheet No. 140.11

ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Notes for table 3a - HVAC equipment incentive table (continued)

AHRI = Air-Conditioning, Heating, and Refrigeration Institute

CEE = Consortium for Energy Efficiency

COP = Coefficient of Performance

EER = Energy Efficiency Ratio

HSPF = Heating Seasonal Performance Factor

HVAC = Heating, Ventilation and Air-Conditioning

- **IEER** = Integrated Energy Efficiency Ratio
- **IPLV** = Integrated Part Load Value
- **PTAC** = Packaged Terminal Air Conditioner
- **PTHP** = Packaged Terminal Heat Pump
- **SEER** = Seasonal Energy Efficiency Ratio
- **VFR** = Variable Refrigerant Flow

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Incentive "up to"
Evaporative Cooling Indirect-Direct Evaporative Cooling (IDEC) Chillers	All sizes All sizes All except chillers intended for backup service only	Direct or Indirect Serving primarily occupant comfort cooling loads (no more than 20% for process cooling loads)	Applicable system components must exceed minimum efficiencies required by energy code Must exceed minimum efficiencies required by energy code	\$0.06/ CFM \$0.15/kWh annual energy savings See Note 2 \$0.15/kWh annual energy savings See Note 3
365/366 day Programmable or Occupancy-based Thermostat	All sizes in portable classrooms with mechanical cooling	Must be installed in portable classroom unoccupied during summer months	365/366 day thermostatic or occupancy based setback capability	\$150/thermostat
Occupancy Based PTHP/PTAC control	All sizes with no prior occupancy based control		See Note 5	\$50/controller
Evaporative Pre-cooler (Retrofit Only)		For single air- cooled packaged rooftop or matched split system condensers only	Minimum performance efficiency of 75%. Must have enthalpy controls to control pre-cooler operation. Water supply must have chemical or mechanical water treatment.	\$75/ton of attached cooling capacity (See Note 5)

Table 3b – Other HVAC Incentives

Notes for Table 3b

- 1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
- 2. Incentives paid at \$0.15/kWh annual energy savings. IDEC energy savings subject to approval by the Company.
- 3. Incentives paid at \$0.15/kWh annual energy savings. Chiller energy savings subject to approval by the Company.
- 4. Controller units must include an occupancy based control and include the capability to set back the zone temperature during extended unoccupied periods and set up the temperature once the zone is occupied.
- 5. Incentives for Evaporative Pre-coolers are capped at 70 percent of Energy Efficiency Project Costs and incentives will not be available to reduce the Energy Efficiency Project simple payback below one year.
- 6. Energy Efficiency Project Costs are subject to Rocky Mountain Power approval.

CFM = Cubic Feet per Minute **HVAC** = Heating, Ventilating and Air Conditioning **IDEC** = Indirect Direct Evaporative Cooling **PTAC** = Packaged Terminal Air Conditioner **PTHP** = Packaged Terminal Heat Pump

(Continued)

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