

Geothermal System Efficiency Check

A quick guide for Sioux Valley Energy members

1

Check Thermostat Mode & Setpoint

-  Ensure system is in **HEAT** or **AUTO**, not **EMERGENCY HEAT**.
-  Set temperature between 68–72°F for best efficiency.
-  Avoid raising the setpoint more than 2–3°F at once to prevent **AUX** heat.

4

Check Auxiliary Heat Usage

-  **AUX** heat significantly increases electric consumption.
-  Look for **AUX** or **EM HEAT** indicators on the thermostat.
-  If **AUX** runs frequently above 20–25°F outdoor temps, the system may be undersized or malfunctioning.

2

Inspect Airflow

-  Replace or clean filters if dirty.
-  Confirm all supply vents are open.
-  Check return air pathways for blockages.

5

Review Recent Weather and Home Usage

-  Extreme cold snaps can temporarily increase bills.
-  Consider additional hot water use, laundry, guests, or holiday occupancy.

3

Listen for Unusual Operation

-  Rattling, grinding, or rapid on/off cycling may indicate pump or compressor issues.
-  If noises persist, schedule a technician visit.



Maintenance Tips to Keep Bills Low

-  Replace filters every 1 to 3 months.
-  Schedule a professional check of refrigerant, pumps, and loop pressure.
-  Keep vents open and ductwork clean.
-  Maintain insulation and weather-sealing around windows and doors.

Visit us at: www.sioxvalleyenergy.com

SERVING OUR MEMBERS. *Always.*



(800) 234-1960

@SVECOOP

SIoux-VALLEY-ENERGY

@SIOUXVALLEY

Sioux Valley Energy is an equal opportunity provider and employer.