



Ground Source Heat Pump Rebate  
(Pilot Program through September 2010)

**GUIDELINES**

1. To qualify for rebates, the installation address must receive electricity from Austin Energy.
2. Ground source heat pump rebates are available for equipment that is greater than 1.5 tons (nominal) and up to 6 tons (nominal) in new and existing residential construction where new well design is implemented.
3. Rebate applications must be submitted and approved by Austin Energy prior to installation.
4. Supporting documents are required as part of the rebate application. These documents include: 1) manufacturer's specification sheet; 2) Manual J Cooling Load Analysis; and 3) software supported ground source heat exchange size calculation by approved International Ground Source Heat Pump Association (IGSHPA).
5. The designer and installer of the ground source heat pump system must be IGSHPA certified.

**TECHNICAL SPECIFICATONS**

1. Ground source heat exchanger design must use the loads calculated in the Manual J.
2. The heat exchanger model must use inputs consistent with the Manual J and appropriate soil conditions for the location.
3. The design must document the summer peak entering water temperature to the HP units is 90°F or less.
4. The unit efficiency will be determined based on ARI ratings at 77°F EWT in accordance with the IECC 2006 Energy Code and ARI/ASHRAE 13256-1.
5. The well hole must be back filled with grout, sealed, and confirmed through an Austin Energy site visit.
6. Heat exchangers, such as slinky, lake plates, and others will be reviewed and approved on a case-by-case basis.
7. A desuperheater water heater is not required; however, an additional rebate is available if this feature is added in conjunction with domestic hot water storage. Back up hot water source must be electric.
8. The heating COP must exceed 3.1 per IECC 2006 and ARI/ASHRAE-13256-1.
9. This rebate applies to new installation of both ground sources and HVAC/water heating. Replacement of ground source HVAC equipment only must be applied for through the AEP program as currently provided.

## INTERIM INSPECTION

1. The contractor shall call Austin Energy for an interim Bore Hold inspection to confirm the Bore Holes are installed in accordance with these guidelines and the IGSHPA design calculations.

## FINAL INSPECTION

1. At the final inspection, a copy of the State of Texas Well Drilling Report shall be provided.
2. Where permits are required they shall be obtained and recorded on the Application as required by Austin Energy and the City of Austin's Development, Review & Inspection Department, 974-2875.
3. All work must be performed in accordance with all applicable national, state, and local codes and standards.

## REBATE PAYMENT

1. Rebates are available on a first come, first served basis.
2. Once the installation has passed a final inspection, the rebate will be submitted for payment.
3. Rebate payments take up to 6 weeks after the final inspection has been passed.

## REBATE SCHEDULE

<b><u>Ground Source Heat Pump (w/o Desuperheater)</u></b>	<b><u>EER</u></b>	<b><u>Rebate Amt</u></b>
City of Austin Level 1	16.0 – 17.99	\$500.00
City of Austin Level 2	18.0 – and up	\$1,000.00

  

<b><u>Ground Source Heat Pump (w/Desuperheater)</u></b>	<b><u>EER</u></b>	<b><u>Rebate Amt</u></b>
City of Austin Level 1	16.0 – 17.99	\$750.00
City of Austin Level 2	18.0 –and up	\$1,250.00

*The Austin Energy guidelines and rebate levels are subject to change at any time, without notice.*

**Austin Energy – Power Saver™ Program – Commercial Rebate**  
721 Barton Springs Road, Austin, TX 78704. Phone (512) 482-5346. FAX (512) 482-5455  
email: [conservation@austinenergy.com](mailto:conservation@austinenergy.com) website: [www.austinenergy.com](http://www.austinenergy.com)