



MINNESOTA

# 2013 New Home Construction Rebates

[alliantenergy.com/rebates](http://alliantenergy.com/rebates)

For more information, please call

**1-866-ALLIANT**  
**(1-866-255-4268)**

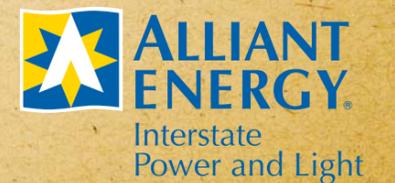
8:00 a.m. - 5:00 p.m. Monday - Friday  
or visit [alliantenergy.com/newconstruction](http://alliantenergy.com/newconstruction)

#### Help neighbors in need

*All programs provide customers with a reward payment option in which they can help local families in need stay warm by donating their reward to the Hometown Care Energy Fund, Alliant Energy low-income heat fund. Every dollar of the tax deductible donation will be used to provide energy assistance to families in the area.*



*We're on for you.™*



## 2013 Minnesota New Home Construction

Alliant Energy is the trade name of Interstate Power and Light Company (IPL). The utility providing rebates is IPL, an Alliant Energy company, and shall hereafter be referred to as Alliant Energy.

### Alliant Energy Builder Option Package (BOP) – see specific requirements on page 3

Heating and cooling customers .....	\$2,000
Heating only customers .....	\$1,400
Cooling only customers.....	\$600
Geothermal customers .....	\$1,000
	(plus prescriptive geothermal rebate)

### ENERGY STAR® Qualified Home - see specific requirements on page 4.

Heating and cooling customers .....	\$3,500
Heating only customers .....	\$2,450
Cooling only customers.....	\$1,050
Geothermal customers .....	\$1,500
	(plus prescriptive geothermal rebate)

Alliant Energy offers two rebate options for new single-family homes constructed in the Minnesota service territory.

### Terms and conditions for both New Home Construction rebate options:

**Note:** The conditions listed below are in addition to the specific terms and conditions associated with each rebate option. Those terms and conditions are listed with the program details on an alternate page.

- Program subject to change due to proposed state building energy code changes.
- These programs are eligible for single family homes or duplexes only.
- Heating and cooling customers are defined as customers where Alliant Energy provides the fuel to both the heating and cooling sources installed in the home.
- Heating only customers are defined as customers where Alliant Energy provides the fuel to the heating source installed in the home but not the cooling source.
- Cooling only customers are defined as customers where Alliant Energy provides the fuel to the cooling source to the home, but not the heating source.
- HVAC and water heating equipment processed through the Prescriptive Rebate Program disqualify the project from receiving a new home construction rebate.

### Prescriptive Geothermal Rebates (system 180,000 Btuh or 15 ton total system size or less)

Closed loop: minimum EER = 14.1 and COP 3.3

(\$300 x tons) + [(EER-14.1) x \$50 x tons]

Plus \$100 for desuperheater

Open loop: minimum EER = 16.2 and COP 3.6

(\$300 x tons) + [(EER-16.2) x \$50 x tons]

Plus \$100 for desuperheater

### Disclaimer:

Tonnage is defined as the System's total tonnage. One geothermal rebate is paid per well field, additional units drawing from the well field are eligible for equipment only Rebates. Geothermal rebates are paid per the formula not to exceed \$5,000. Systems totaling 15 tons or more are paid through the Custom Rebate Program and are not subject to the formulas on this page.

For more information, please call 1-866-ALLIANT (1-866-4268)

7:30 a.m. – 5:30 p.m. Monday – Friday or visit [alliantenergy.com/newconstruction](http://alliantenergy.com/newconstruction).





## Energy-Efficient Construction: It's just plain smart

Most homebuyers assume that all newly constructed homes are energy efficient. As a builder, you know this is not true. Some builders only build homes to meet current building code. This is far below the higher standard of energy efficiency.

To earn the ENERGY STAR® or to qualify for new home construction rebates from Alliant Energy, homes are required to have more insulation, better windows, and more efficient heating and cooling equipment, among other things.

These things do add some cost to construction – about an extra \$3,500 - \$7,000, according to ENERGY STAR. Your cost will be on the lower end of this range, since most Midwestern homebuilders already build to greater energy efficiency. Even with this extra cost, your homebuyer can save money – in the form of lower energy bills.

**As a builder, it's your job to insist on energy-efficient construction.** Energy-efficient construction is the hallmark of quality and workmanship, and should not be compromised. When speaking with new clients, remind them of these facts:

- An energy-efficient home can lower the average residential home's utility bill by about \$26 a month\*. The bigger the home, the more you can expect to save.
- Put that \$26 saved on energy costs towards the mortgage, and your homebuyer can now afford an additional \$25,000 worth of home (figured with 30 year loan at five percent interest).
- This \$25,000 can now be put towards the energy-efficiency upgrades. More than likely, there will be some money left over to spend little luxuries like upgraded cabinets, wood floors and granite countertops.
- Putting that \$26 a month towards a more efficient home instead of giving it to the utility company every month is just plain smart.
- As a cherry on top you or your homebuyer can get up to \$3,500 in rebates from Alliant Energy.

\*Estimated monthly energy savings of \$26 for energy-efficient home is based on the average annual residential Alliant Energy heating and cooling bill of \$1,044 and an expected heating/cooling savings of 30 percent (source: ENERGY STAR).

### Other benefits include:

- Increased comfort (reduced drafts, more even temperatures throughout home)
- Improved air quality (lower moisture levels, fewer mold and humidity issues)
- Less maintenance (reduced moisture levels helps preserve building materials)
- Quieter home (extra insulation reduces outside noise)
- More satisfied homebuyers
- Fewer repair/issue call-backs for you

## Alliant Energy Builder Option Package (BOP)

Heating and cooling customers .....	\$2,000
Heating only customers .....	\$1,400
Cooling only customers.....	\$600
Geothermal customers .....	\$1,000
	(plus prescriptive geothermal rebate)

### BOP terms and conditions:

**Note:** The conditions listed below are in addition to the specific terms and conditions associated with all new home construction rebate options. Those terms and conditions are listed with the program details on page 2.

- Builder must meet all of the prescriptive requirements detailed in this brochure to receive a rebate (e.g. a heating only customer must still meet all of the cooling requirements).
- Alliant Energy will provide an expert to inspect all homes prior to paying the BOP rebate.
- Rebate levels will be prorated for homes less than 1,800 square feet in size.
- All buildings must be completed within 3 years to be eligible for a rebate. The rebate is paid per the program requirements and rebate rates available when construction started.
- Rebate payment for the rebate (identified above) can be paid to the builder or the homeowner, but cannot be split. The geothermal prescriptive rebate may be paid to either the builder or homeowner.
- Rebates paid to the builder or homeowner must be specified on the claim form.

Builder Option Package Requirements	
Equipment	Requirement
<b>Cooling</b>	
Electric, forced air, central air conditioners	14.5 SEER or better
Electric, forced air, air-source heat pumps	14.5 SEER or better
Electric, ground-source heat pumps (closed loop)	14.1 SEER or better
Electric, ground-source heat pumps (open loop)	16.2 SEER or better
<b>Heating</b>	
<b>Manual J required</b>	
Natural gas, forced air furnaces	92% AFUE or better
Natural gas, boilers	90% AFUE or better
Electric, forced-air, air source heat pumps	8.5 HSPF or better
Electric, ground-source heat pump (closed loop)	3.3 COP
Electric, ground-source heat pump (open loop)	3.6 COP
ECM Motors	For new furnaces and motor retrofits
Air-source heat pumps (65,00 Btuh or smaller)	14.0 SEER or better 7.70 HSPF or better Must meet both SEER and HSPF requirements
Clock-programmable thermostat	Set back with 2 or more temperature settings – down to a minimum of 55 degrees F and up to 85 degrees F for each HVAC system
Ductwork	6% or less duct leakage unconditioned spaces
Infiltration	7 ACH
Mechanical ventilation	Shall have dampers
<b>Insulation</b>	
Ceiling	R-49
Wood frame wall	R-20 or R-13 +5
Mass frame wall	R-15 continuous/R-19 cavity
Floor, above unheated space	R-30 in contact with subfloor
Basement wall (entire)	R-15 continuous/R-19 cavity
Rim Joist	R-19 (insulated and blocked)
Slab	R-10 under edge next to slab edge – 4' down
Crawl space	R-10 continuous/R-13 cavity
Thermally isolated sunrooms (if applicable)	Minimum R-24 in ceilings/minimum R-13 in side walls
Windows (must have NFRC window stickers)	• U-factor 0.30 or less • 18 percent or less of conditioned floor area
Skylights (if applicable)	U-factor 0.60 or less
Doors	R-5
Attic doors and hatches (from conditioned to unconditioned spaces)	• Weather stripped & insulated to equivalent of surrounding surfaces • Must have a barrier around to prevent spilling

Builder Option Package Requirements (continued)	
Equipment	Requirement
<b>Water Heaters</b>	
Natural gas, 40-60 gallons	0.67 EF or greater
Natural gas, 60-80 gallons	0.85 EF or greater
Natural gas, tankless	0.80 EF or greater
Natural gas, condensing	90% TE or greater
Electric	0.93 EF or greater
Electric heat pump 40 gallons	Energy Star qualified
Circulation hot water system	Hot water piping shall be insulated to a minimum of R-2 & have an automatic manual switch to turn off the pump when the system is not in use.
<b>Lighting</b>	
Recessed lighting	<ul style="list-style-type: none"> <li>• Shall be sealed and IC rated</li> <li>• Labeled to meet ASTM 283</li> </ul>
High-efficiency lamps	Minimum 50% of lamps in permanently installed lighting fixtures shall be high-efficiency (i.e. CFLs, LEDs)
<b>Fireplaces</b>	
Fireplaces	Wood-burning fireplaces shall have gasketed doors and outdoor combustion air.

## ENERGY STAR® Qualified Home

Heating and cooling customers .....	\$3,500
Heating only customers .....	\$2,450
Cooling only customers.....	\$1,050
Geothermal customers .....	\$1,500
	(plus prescriptive geothermal rebate)

### ENERGY STAR qualified home terms and conditions:

**Note:** The conditions listed below are in addition to the specific terms and conditions associated with all new home construction rebate options. Those terms and conditions are listed with the program details on page 2.

- Homes beginning January 1, 2012 or later are required to meet ENERGY STAR V 3.0 requirements.
- Specifications for the ENERGY STAR V 3.0 qualified homes are available at [energystar.gov](http://energystar.gov).
- Builder must provide certification from a RESNET-certified HERS rater showing the home meets or exceeds the ENERGY STAR V 3.0 requirements.
- Builder and/or customer is responsible for the cost of the HERS rating.
- Builder must provide a copy of the fuel summary report, thermal bypass and HERS certificate with claim form.
- Rebate levels will be prorated for homes less than 1,800 square feet in size.
- All buildings must be completed within three years to be eligible for a rebate. The rebate is paid per the program requirements and rebate rates available when construction started.
- Rebate payment for the base rebate (identified above) can be paid to the builder or the homeowner, but cannot be split. The geothermal prescriptive rebate may be paid to either the builder or homeowner.
- Rebates paid to the builder or homeowner must be specified on the claim form.

Geothermal rebates are based on the total system size, therefore systems with one well field and multiple units need to total the tonnage of each unit to determine the total system. Example a well field with 25 two-ton units = 50 tons.

## Prorated Rebate Amounts

Applicable for homes less than 1,800 square feet in size.

### Builder Option Package (BOP)

Sq. Footage	Heating and Cooling	Heating Only	Cooling Only	Geothermal
1,800 +	\$2,000	\$1,400	\$600	\$1,000
1,799 – 1,200	\$1,800	\$1,260	\$540	\$900
1,999 - 700	\$1,600	\$1,120	\$480	\$800

### ENERGY STAR

Sq. Footage	Heating and Cooling	Heating Only	Cooling Only	Geothermal
1,800 +	\$3,500	\$2,450	\$1,050	\$1,500
1,799 – 1,200	\$3,150	\$2,205	\$945	\$1,350
1,999 - 700	\$2,800	\$1,960	\$840	\$1,200

**Note:** Homes with geothermal systems also qualify for the prescriptive geothermal rebate, in addition to the base new home construction rebate identified above. Geothermal systems comprised of multiple units, should total the tonnage of each individual unit to determine the total tons of the geothermal system. Rebates are paid based on the system total.

