

# Rooftop Units, Air Source Heat Pumps and Economizers



## 2012 Rebate Application

Connexus Energy  
14601 Ramsey Blvd NW  
Ramsey, MN 55303  
ConnexusEnergy.com  
763.323.2600

### Business Member Information

Company name \_\_\_\_\_ Date submitted \_\_\_\_\_  
Billing address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
Installation address (if different) \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
Account number \_\_\_\_\_  
Contact name (print) \_\_\_\_\_ Phone \_\_\_\_\_  
E-mail \_\_\_\_\_

### Vendor Information

Vendor name \_\_\_\_\_ Vendor contact name \_\_\_\_\_  
Vendor address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_  
E-mail \_\_\_\_\_

The undersigned does hereby certify that 1) The undersigned, and not the cooperative, is solely responsible for the accuracy of the information contained in this application, 2) all rules of the Rooftop Units, Heat Pumps and Economizers Rebate program have been followed, and 3) the installation is complete. Further, the undersigned acknowledges that nothing contained in the application shall impose any liability on the cooperative for the work performed or the information presented by the member's engineer, contractor or vendor. Connexus Energy will be referred to hereafter in this application as "the cooperative".

**I verify the information on this application is correct and request consideration for participation in this program.**

Member signature \_\_\_\_\_ Date \_\_\_\_\_

### How to Apply for This Rebate

1. Fill out and sign the Business and Vendor Information sections, page 1.
2. Fill out the Equipment and Rebate Information section, pages 3-4.
3. Attach a copy of the paid, itemized invoice(s). Be sure that the quantity, make, model number, and unit price appears on the invoice. Sending inadequate invoice documentation or incomplete/incorrect forms will delay the rebate payment.
4. Make a copy of this document for your records.
5. Mail completed form by November 16 to Connexus Energy 14601 Ramsey Blvd, Ramsey, MN 55303.

Application # \_\_\_\_\_



## Specific Rules and Qualifications

1. On the documents establishing proof-of-purchase, circle the energy-saving product(s) for which a rebate is requested and attach to the original application. If not indicated on the invoice, please add the number of units installed, manufacturer, model number and capacity (in tons).
2. Submit the manufacturer's data sheets with the rebate application. The sheets must show efficiency ratings in accordance with the most recent Air Conditioning and Refrigeration Institute (ARI) Standards and must contain efficiency information for the following:
  - Rooftop units, split systems, air source heat pumps, condenser units economizers
  - SEER, EER, or HSPF
  - IPLV (if applicable)

3. Only new and complete central air conditioning units and remote condensing unit retrofits qualify. Rebuilds do not qualify.
4. The new equipment must use a minimum ozone depleting refrigerant.
5. If the efficiency rating is in SEER where the application asks for EER, multiply SEER by .855 to calculate EER rating.
6. The cooperative retains the right to make adjustments to correct incentive calculations if necessary.

## Split Systems Rebate Rules

1. Both the condensing unit and the A-coil must be purchased to be eligible to receive a rebate.

## Economizer Rebate Rules

1. Must provide tonnage of unit economizer to be installed on.
2. Economizer must include both enthalpy and CO<sub>2</sub> control points.

## Warranty Information

Rebate qualifications do not imply any representation or warranty of such equipment, design or installation by the cooperative. The cooperative shall not be responsible or liable for any personal injury or property damage caused by this equipment. The cooperative does not guarantee that a specific level of energy or cost savings will result from the implementation of energy conservation measures or the use of products funded under this program. In no event shall the cooperative be liable for any incidental or consequential damages.

## Other Important Program Rules

1. Evaluation must be complete before funds will be issued for the rebate.
2. Members and vendors must submit itemized equipment invoices, along with rebate application and worksheet, to the cooperative. To ensure that the equipment installed meets the cooperative's performance standards, these invoices must itemize labor charges, quantity and price of the equipment installed, as well as information regarding the manufacturer and model numbers for all equipment included in the rebate.
3. The cooperative reserves the right to conduct random inspections of installations.
4. The member is responsible for checking with the cooperative to determine whether funding is available and to verify program parameters.
5. Rebate must comply with all program specific rules and qualifications.
6. The maximum rebate amount shall be the lesser of 50 percent of the project cost or \$100,000.
7. Qualifying members must apply for 2012 rebates no later than November 16, 2012.

# Rooftop Units, Heat Pumps and Economizers 2012 Rebate Application



## Equipment and Rebate Information

Rooftop Units, Split System, and Condensing Units Minimum Qualifying Criteria					
Equipment Type	Unit Tons	EER or SEER	Base Rebate \$/ton	Incremental rebate, \$/ton per 0.1 EER/SEER above base	Specific Rules
<b>Rooftop Units (RTU)</b> ≤ 65,000 Btuh ≥ 65,000 - < 135,000 ≤ 135,000 - < 240,000 ≤ 240,000 - < 760,000 ≥ 760,000	< 5.4	13.50 (SEER)	\$18.00	\$5.00	ARI Standards
	5.5 - 11.3	10.80	\$18.00	\$5.00	ARI Standards
	11.4 - 19.9	10.70	\$18.00	\$5.00	ARI Standards
	20.0 - 63.3	10.20	\$18.00	\$5.00	ARI Standards
<b>Split Systems</b> ≤ 65,000 ≥ 65,000 - < 135,000 ≥ 135,000 - ≤ 250,000	< 5.4	13.50 (SEER)	\$18.00	\$5.00	ARI Standards
	5.5 - 11.3	10.80	\$18.00	\$5.00	ARI Standards
	11.4 - 19.9	10.70	\$18.00	\$5.00	ARI Standards
<b>Condensers</b> > 65,000 - < 135,000 ≥ 135,000	5.5 - 11.3	10.80	\$18.00	\$5.00	ARI Standards
	≥ 11.4	10.70	\$18.00	\$5.00	ARI Standards

EER - Energy Efficiency Ratio (Btu/Watt)  
SEER - Seasonal Energy Efficiency Ratio (Btu/Watt)  
C.O.P. - Coefficient of Performance

HSPF - Heating Seasonal Performance Factor  
IPLV - Integrated Part Load Value  
FLV - Base Full Load Value (kW/ton)

NPLV - Non-Standard Part Load Value (kW/ton)

Rooftop Units		Split System	Condensing Units			Project Cost			
Manufacturer	Model Number	A-Coil Model Number	A	B	C	D	E	F	
			Tons/Unit	Base Rebate \$18 x A	SEER or EER	Minimum Qualifying Efficiency	Eff. Rebate \$5 x A x 10 x (C - D)	Number of Units	Rebate (B + E) x F
				\$			\$		\$
				\$			\$		\$
				\$			\$		\$
				\$			\$		\$
Total Rebate = [Base Rebate \$18 x Tons/Unit] + [Incremental Efficiency Rebate \$5 X Tons/Unit X (SEER or EER minus Min. Qualifying Eff) X 10] X Number of Units									
Project Cost									
Rebate									
\$									

Rebate must comply with all program specific rules and qualifications.

## Equipment and Rebate Information

### Air Source Heat Pumps Minimum Qualifying Criteria

Equipment Type	Unit Tons	EER or SEER	Base Rebate \$/ton	Incremental rebate, \$/ton per 0.1 EER/SEER above base	Specific Rules
<b>Air-Source Heat Pumps</b> ≤ 65,000 ≥ 65,000 - < 135,000 ≥ 135,000 - ≤ 250,000	< 5.4	13.00 (SEER)	\$118.00	\$5.00	ARI, 3.2 COP rated at 47° F
	5.5 - 11.3	10.10	\$118.00	\$5.00	ARI, 3.2 COP rated at 47° F
	11.4 - 20	9.30	\$118.00	\$5.00	ARI, 3.2 COP rated at 47° F

EER - Energy Efficiency Ratio (Btu/Watt)  
 SEER - Seasonal Energy Efficiency Ratio (Btu/Watt)  
 C.O.P. - Coefficient of Performance  
 HSPF - Heating Seasonal Performance Factor  
 IPLV - Integrated Part Load Value  
 FLV - Base Full Load Value (kW/ton)  
 NPLV - Non-Standard Part Load Value (kW/ton)

### Air Source Heat Pumps

Manufacturer	Model Number	A-Coil Model Number	A		B	C	D	E	F	Rebate (B + E) x F
			Tons/Unit	SEER or EER						
										\$
										\$
										\$
										\$
Total Rebate = (Base Rebate \$118 x Tons/Unit) + [Incremental Efficiency Rebate \$5 X Tons/Unit X (SEER or EER minus Min. Qualifying Eff) X 10] X Number of Units										Project Cost
<b>Rebate must comply with all program specific rules and qualifications.</b>										Rebate
										\$

### Economizers Minimum Qualifying Criteria

Equipment Type	Unit Tons	EER or SEER	Base Rebate \$/ton	Incremental rebate, \$/ton per 0.1 EER/SEER above base	Specific Rules
<b>RTU Economizers</b>			\$13 / RTU Ton		

### Economizers

Manufacturer	Model Number	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	JJ	JK	JL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LL	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NN	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	XG	XH	XI	XJ	XK	XL	XM	XN	XO	XP	XQ	XR	XS	XT	XU	XV	XW	XX	XY	XZ	YA	YB	YC	YD	YE	YF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	JJ	JK	JL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML
--------------	--------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----