



# Minnesota Business Rebate Programs

## 2017 Program Changes

There will be a number of changes to the Minnesota business rebate programs starting on January 1, 2017. The changes are reflected in the chart below. In order to receive 2016 rebate amounts/offers, invoices for qualifying equipment need to be dated no later than December 31, 2016.

### 2016/2017 comparison chart

Cooling Efficiency							
Product	Program year	Size	Minimum qualifying efficiency		Rebate		
			Full load	Part load	Base	Full load	Part load
Chiller – air cooled	2016	All	9.7 EER	12.0 SEER	\$8/ton	\$1.50	\$0.75
	2017	<150	9.71 EER	14.07 IEER	\$7/ton	\$1.25	\$0.75
		>150	9.71 EER	14.32 IEER			
Chiller – centrifugal	2016	All	Improve on ASHRAE 90.1 2004 by .016 kW/ton		\$15/ton	\$2.00	\$1.50
	2017	All	Improve on ASHRAE 90.1 2010 by .016 kW/ton		\$10/ton	\$1.00	\$0.75
Chiller – screw/scroll	2016	<150	0.74 kW/ton	0.63 kW/ton	\$15/ton	\$2.00	\$1.50
		150-300	0.67 kW/ton	0.58 kW/ton			
	2017	<75	0.74 kW/ton	0.59 kW/ton	\$10/ton	\$1.00	\$0.75
		75 – 150	0.73 kW/ton	0.57 kW/ton			
		150 – 300	0.63 kW/ton	0.53 kW/ton			
>300	0.57 kW/ton	0.49 kW/ton					
DX unit	2016	<5.5	NA	13.5 SEER	\$75/ton	\$5	n/a
		5.5 – 11.3	10.8 EER	NA			
		11.4 – 19.9	10.7 EER	NA			
		20.0 – 63.3	10.2 EER	NA			
	>63.3	9.5 EER	NA				
	2017	<5.5	NA	13.7 SEER	\$50/ton	\$4	\$3
		5.5 – 11.3	11.3 EER	12.2 IEER			
		11.4 – 19.9	11.1 EER	12.1 IEER			
20.0 – 63.3		10.9 EER	12.0 IEER				
>63.3	10.9 EER	12.0 IEER					

  

Product	Change type	Program year	Rebate type	Minimum efficiency	Rebate amount per ton	Notes
Mini-split heat pump	New measure	2016	Baseline	n/a	n/a	
		2017		16 SEER & 7 HSPF	\$50	
		2016	Incremental	n/a	n/a	
		2017		0.1 SEER	\$2	
Packaged terminal air conditioner (PTAC)	Minimum Efficiency/ Rebate Amount	2016	Baseline	10.8 EER	\$75	
		2017		11.5 EER	\$35	
	Rebate Amount	2016	Incremental	0.1 EER	\$5	
		2017		0.1 EER	\$4	
Plate and frame heat exchanger	Product Changing from Prescriptive to Custom Offering	2016	Prescriptive 2016	Wet bulb temperature		
				≤52° F and >45° F	\$300	
				≤45° F and >40° F	\$240	
				≤40° F and >35° F	\$180	
	≤35° F	\$120				
2017	Custom 2017	n/a	Custom rebate			
Water source heat pump	Minimum efficiency/ rebate amount	2016	Baseline	13.2 EER	\$75	
		2017		13.3 EER	\$50	
	Rebate amount	2016	Incremental	0.1 EER	\$5	
		2017		0.1 EER	\$4	

**Data Center Efficiency**

Product	Change type	Program year	Construction type	Rebate amount
Data center design assistance	New offer/rebate for projects with at least 1 MW of IT load	2016	New construction / renovation	n/a
		2017		Free energy modeling; \$400/kW + \$0.04/kWh
Waterside economizers	New rebate	2016	Retrofit	n/a
		2017		\$120 – \$300/ton, dependent on wet bulb temperature
Mini split air conditioning unit for data center space	New rebate	2016	Retrofit	n/a
		2017		\$50/ton + \$2 per SEER

**Efficiency Controls**

Product	Change type	Program year	Rebate amount	Notes
Electric projects	Rebate amount	2016	\$400/kW	Rebates higher in 2017.
		2017	\$600/kW	
Gas projects	Rebate amount	2016	\$5/Dth	Rebates higher in 2017.
		2017	\$7.50/Dth	

**Heating Efficiency**

Product	Change type	Program year	Construction type	Rebate amount	Notes
Pipe insulation	Different minimum equipment qualifiers	2016	Retrofit	Defined based on minimum R-value and pipe diameter.	See <a href="http://xcelenergy.com/heatingefficiency">xcelenergy.com/heatingefficiency</a> for more information.
		2017		Defined based on minimum insulation thickness and pipe diameter.	

**Lighting Efficiency**

Product	Change type	Program year	Construction type	Wattage	Rebate amount	Notes
LED downlight luminaires (CFL baseline)	New rebate	2016	Retrofit	n/a	n/a	This is in addition to the existing incandescent baseline measure.
		2017		Up to 50W	\$25 – \$35	
LED screw-in replacement for HID high bay	New rebate	2016	Retrofit	n/a	n/a	Sometimes referred to as "corn cob" lamps.
		2017		30W – 230W	\$30 – \$75	
LED pin-based replacement for CFL	New rebate	2016	Retrofit	n/a	n/a	Sometimes referred to as "PL" or "CFLED" lamps. 4-pin only.
		2017		n/a	\$7	
LED street lighting*	Rebate amount	2016	New construction	45W – 55W	\$15	Rebates higher in 2017.
		2017		45W – 55W	\$25	
LED street lighting*	Rebate amount	2016	New construction	56W – 79W	\$25	Rebates higher in 2017.
		2017		56W – 79W	\$35	
LED street lighting*	Rebate amount	2016	New construction	80W – 109W	\$25	Rebates higher in 2017. No changes to 110W – 139W rebate amount.
		2017		80W – 109W	\$55	
LED street lighting*	Rebate amount	2016	New construction	140W – 209W	\$50	Rebates higher in 2017.
		2017		140W – 209W	\$65	
LED street lighting*	Rebate amount	2016	New construction	120W – 140W	\$75	Rebates higher in 2017.
		2017		120W – 140W	\$85	
LED street lighting*	Rebate amount	2016	Retrofit	45W – 65W	\$30	Rebates higher in 2017.
		2017		45W – 65W	\$40	
LED street lighting*	Rebate amount	2016	Retrofit	80W – 109W	\$50	Rebates higher in 2017.
		2017		80W – 109W	\$75	
LED street lighting*	Rebate amount	2016	Retrofit	140W – 209W	\$75	Rebates higher in 2017.
		2017		140W – 209W	\$100	
LED street lighting*	Rebate amount	2016	Retrofit	120W – 140W	\$100	Rebates higher in 2017.
		2017		120W – 140W	\$125	
LED area lighting	Rebate amount	2016	New construction	45W – 65W	\$15	Rebates higher in 2017.
		2017		45W – 65W	\$55	
LED area lighting	Rebate amount	2016	New construction	66W – 89W	\$15	Rebates higher in 2017.
		2017		66W – 89W	\$65	
LED area lighting	Rebate amount	2016	New construction	90W – 119W	\$30	Rebates higher in 2017.
		2017		90W – 119W	\$75	
LED area lighting	Rebate amount	2016	New construction	120W – 140W	\$30	Rebates higher in 2017.
		2017		120W – 140W	\$85	

\*Customers must be on an A34 street light rate to qualify for LED street lighting rebate.

Lighting Efficiency						
Product	Change type	Program year	Construction type	Wattage	Rebate amount	Notes
LED area lighting	New wattage tier	2016	New construction	n/a	n/a	
		2017		141W – 199W	\$115	
LED area lighting	New wattage tier	2016	New construction	n/a	n/a	
		2017		200W – 550W	\$200	
LED area lighting	Rebate amount	2016	Retrofit	45W – 65W	\$25	Rebates higher in 2017.
		2017		45W – 65W	\$100	
LED area lighting	Rebate amount	2016	Retrofit	66W – 89W	\$25	Rebates higher in 2017.
		2017		66W – 89W	\$125	
LED area lighting	Rebate amount	2016	Retrofit	90W – 119W	\$50	Rebates higher in 2017.
		2017		90W – 119W	\$150	
LED area lighting	Rebate amount	2016	Retrofit	120W – 140W	\$50	Rebates higher in 2017.
		2017		120W – 140W	\$175	
LED area lighting	New wattage tier	2016	Retrofit	n/a	n/a	
		2017		141W – 199W	\$200	
LED area lighting	New wattage tier	2016	Retrofit	n/a	n/a	
		2017		200W – 550W	\$250	
LED refrigerated case lighting	Rebate amount	2016	New Construction	n/a	\$70	Rebates lower in 2017.
		2017		n/a	\$35	
LED refrigerated case lighting	Rebate amount	2016	Retrofit	n/a	\$100	Rebates lower in 2017.
		2017		n/a	\$45	
LED fuel canopy pump fixtures	Rebate amount	2016	Retrofit	25W – 60W	\$150	Rebates lower in 2017.
		2017		25W – 60W	\$100	
LED fuel canopy pump fixtures	Rebate amount	2016	Retrofit	61W – 150W	\$200	Rebates lower in 2017.
		2017		61W – 150W	\$125	
Integral occupancy sensor	New rebate	2016	Retrofit	n/a	n/a	For LED troffers, parking garage fixtures and case lights.
		2017		n/a	\$20	
Integral occupancy & photocell sensor	Rebate amount	2016	Retrofit	n/a	n/a	For LED troffers, parking garage fixtures and case lights.
		2017		n/a	\$28	
Integral photocell	New rebate	2016	Retrofit	n/a	n/a	For LED troffers, parking garage fixtures and case lights.
		2017		n/a	\$8	
LED parking garage fixtures	Rebate amount	2016	New construction	25W – 60W	\$35	No changes to retrofit rebate for 25W – 60W.
		2017		25W – 60W	\$25	
LED parking garage fixtures	New wattage tier	2016	New construction	n/a	n/a	No changes to 25W – 60W rebate amount. and case lights.
		2017		61W – 83W	\$35	
LED parking garage fixtures	New wattage tier	2016	Retrofit	n/a	n/a	No changes to 25W – 60W rebate amount.
		2017		61W – 83W	\$150	
Stairwell fixtures w/ integral occupancy sensor	Rebate amount	2016	Retrofit	n/a	\$25	Rebates higher in 2017.
		2017		20W – 30W	\$75	
Fluorescent high bay fixtures	Rebate amount	2016	New construction	Multiple	\$40 – \$65	Rebates lower in 2017.
		2017		Multiple	\$10 – \$20	
Fluorescent high bay fixtures	Rebate amount	2016	Retrofit	Multiple	\$85 – \$175	Rebates lower in 2017.
		2017		Multiple	\$35 – \$100	
Hardwired/modular CFL fixtures	Rebate amount	2016	New construction	All	\$10 – \$20	Rebates lower in 2017.
		2017		All	\$2	
Hardwired/modular CFL fixtures	Rebate amount	2016	Retrofit	Multiple	\$25 – \$35	Rebates lower in 2017.
		2017		Multiple	\$2 – \$4	
Fluorescent parking garage fixture (2- and 3-lamp)	Rebate amount	2016	Retrofit	n/a	\$85	Rebates lower in 2017.
		2017		n/a	\$50	
HID fixtures	Rebate no longer available	2016	New construction & retrofit	Multiple	Multiple	Includes Ceramic metal halide, Metal halide, pulse start metal Halide, high pressure sodium.
		2017		Multiple	n/a	
Advanced lighting controls	New rebate	2016	Retrofit	n/a	n/a	Rebates based on custom analyses. Additional details on ALC application form (available end of Dec).
		2017		n/a	\$600/kW	

**Additional information**

Please see 2017 rebate application forms for complete details. Please see LED Instant Rebate program page for the most current rebate amounts.

**Motors & Drives**

Product	Change type	Program year	Motor enclosure type	Rebate amount	Notes
VFDs	Qualification rule change	2016	Required	No change to rebate	Motor enclosure type optional for program approved RPMs and enclosures; projects must have invoices dated on or after January 1, 2017.
		2017	Optional		
Product	Change type	Program year	RPM	Prescriptive/ Custom	Notes
Motors and VFDs	New prescriptive rebate tier – 900 RPM	2016	900 RPM	Custom	900 RPM tier available for invoices dated on or after January 1, 2017.
		2017		Prescriptive	

**Multi-Family Building Efficiency**

Product	Change type	Program year	Lamp type	Notes
Direct install	Light bulbs starting in 2017 will be LEDs in the resident units instead of CFLs	2016	CFLs	Still no charge to the building owner.
		2017	LEDs	

**Recommissioning**

Product	Change type	Program year	Certification	Service type	Rebate amount	Notes
Building operator certification	New product	2016	n/a	n/a	n/a	See additional information below.
				n/a	n/a	
		2017		Electric	\$500	
				Combo	\$500	

**Additional information**

As an incentive to achieving the BOC certification, Xcel Energy will be offering partial tuition reimbursement of \$500 when building operators become certified. After earning BOC certification, tuition reimbursement will be applied for and granted with proof of certification. Incentives are \$500 flat regardless if the building is electric only, gas only, or combo. Only one building operator is eligible for the reimbursement per building, and buildings must be at least 50,000 square feet in size.

**Questions?**

For more information about rebates for cooling, custom projects, food service, heating and motors/drives, contact Pat Berger, trade relations manager at **612.330.6213** or **Patrick.J.Berger@xcelenergy.com**.

For more information about rebates for data centers, efficiency controls, engineering studies, fluid system optimization, lighting and recommissioning, contact Jeff Jackson, trade relations manager at **612.330.7749** or **Jeffrey.S.Jackson@xcelenergy.com**.