



Solar for Schools Annual Legislative Report

Minnesota Statutes, section 216C.375, subd. 11

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Report Prepared By

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Introduction

Pursuant to Minnesota Statutes, section 216C.375, subd. 11, beginning January 15, 2022, and each year thereafter until January 15, 2035, the Minnesota Department of Commerce (Commerce) must report to the chairs and ranking minority members of the legislative committees with jurisdiction over energy regarding:

1. grants and amounts awarded to schools under this section during the previous year;
2. the amount of electricity generated by solar energy generating systems awarded a grant; and
3. the impact on school electricity expenses.¹

Background

The Solar for Schools (SFS) grant program established under Minnesota Statutes, section 216C.375 provides financial assistance to enable eligible schools to install and operate solar energy systems that can be used as teaching tools and be integrated into the school curriculum.² SFS is funded through General Fund (GF) and Renewable Development Account (RDA) appropriations, outlined in *Table 1*.

In total, \$48,932,000 has been appropriated to the program. Appropriations in FY22-23 were passed as part of the 2021 Minnesota Special Session.³ Appropriations for FY24 were passed as part of the 2023 Minnesota Legislative Session.⁴

Table 1 Solar for Schools Program Appropriations

	MN State (GF)	K-12 (GF)	Colleges (RDA)	K-12 (RDA)	Total
FY22-23 Appropriation	\$1,242,000	\$8,000,000	\$1,242,000	\$8,000,000	\$18,484,000
FY24 Appropriation	\$1,138,000	\$15,000,000	\$0	\$14,310,000	\$30,448,000
Program Total					\$48,932,000

2025 Program Year Summary

Commerce held two Request for Proposal (RFP) funding rounds, detailed in *Table 2*. This section includes high-level metrics of the Commerce SFS program including the number of grants, grant values, total remaining funds, a cumulative summary of previous years' projects, and other project information.

¹ The original statute required reporting on (a) financial assistance, including amounts per award, provided to schools under section during the previous year; and (b) any remaining balances available under this section but the reporting requirements were amended by the enactment of [Laws of Minnesota 2023, Chapter 60, article 12, section 36](#).

² The 2023 Minnesota Legislative Session resulted in significant program updates and improvements. See [Law of Minnesota 2023, Chapter 60, Article 12, Section 36 and Section 69](#) for details.

³ [Laws of Minnesota 2021, 1st Spec. Sess. Chapter 4, Article 1, Section 2, Subd. 8\(c\)-\(d\), Article 2, Section 3, Subd 6, and Article 8, Section 24, Subd. 5\(a\)](#)

⁴ [Law of Minnesota 2023, Chapter 60, Article 10, Section 2, Subd 2\(c\) and \(e\) and Article 11, Section 2, Subd. 12](#)

Table 2 SFS 2025 Funding Round Dates

Funding Round	Readiness Assessment	Full Grant Application
Round 1	January 10 – February 10	Due May 30
Round 2	July 1 – July 31	Due by December 8

Independent, Special, and Cooperative School Districts, as well as Tribal Contract schools and Minnesota state colleges and universities that are under the jurisdiction of the Board of Trustees were eligible to apply for grants throughout the 2025 program year. Grant awards covered up to 40-70% of the cost to purchase and install a solar energy system. The various 2025 grant levels are detailed in *Table 3*.

Table 3 Maximum Allowable Grant Award Levels

School Type	System Size (kW _{dc})	Grant Value (% System Cost)	Greater Minnesota Grant Cap (\$)	Inside Xcel Grant Cap (\$)
ANTC/APU ⁵ ≤ \$5,000	≤ 50	70%	\$84,000	\$84,000
	> 50 and ≤ 125		\$175,000	\$175,000
	> 125 and ≤ 625		\$500,000	\$675,000
	> 625 and ≤ 1250		\$500,000	\$675,000
ANTC/APU >\$5,000 & ≤ \$9,250 Or Tribal Contract Schools	≤ 50	60%	\$72,000	\$72,000
	> 50 and ≤ 125		\$150,000	\$150,000
	> 125 and ≤ 625		\$500,000	\$600,000
	> 625 and ≤ 1250		\$500,000	\$675,000
ANTC/APU >\$9,250 & ≤ \$17,750 Or Minn. State	≤ 50	50%	\$60,000	\$60,000
	> 50 and ≤ 125		\$125,000	\$125,000
	> 125 and ≤ 625		\$500,000	\$500,000
	> 625 and ≤ 1250		\$500,000	\$675,000
ANTC/APU >\$17,750 Or Cooperative Districts	≤ 50	40%	\$48,000	\$48,000
	> 50 and ≤ 125		\$100,000	\$100,000
	> 125 and ≤ 625		\$400,000	\$400,000
	> 625 and ≤ 1250		\$500,000	\$600,000

As of December 2025, three schools that submitted full applications in the first funding round (R1) of 2025 have executed grant contracts with Commerce, representing an installed solar capacity just over 362kW_{dc}. An additional six schools have been invited to submit full applications as part of the second funding round (R2) of

⁵ For K-12 schools, the maximum allowable grant is determined by the [Adjusted Net Tax Capacity](#) (ANTC) divided by the [Adjusted Pupil Unit](#) (APU)

2025, representing an estimated installed solar capacity of nearly 1.2MW_{dc}. The 2025 R1 grantees along with a combined summary of the 2025 R2 applicants are detailed in *Table 4*. A full list of program grantees and public project details is provided in *Attachment 1: Comprehensive List of Solar for Schools Grantees*.

Table 4 2025 Grantees as of December 2025

SFS ID	District Name	Install Location	Grant Award	Size (kW _{dc})
SFS24-6010	Kingsland Public School District	Kingsland K12	\$183,198	204.00
SFS24-6016	Duluth Public Schools	Lincoln Park Middle	\$125,000	100.44
SFS25-7006	Red Lake Schools	Red Lake Elementary Complex	\$126,791	57.60
Combined Potential for 2025 R2 Applicants Invited to Submit Full Applications			\$1,335,441	1,149.92
			Total	\$1,770,430
				1,511.96

The total number of projects this year is down from previous cycles. Through conversations with stakeholders throughout the 2025 Program Year, including developers and school districts, the following market factors have been identified as likely having impacted overall reduction in program demand and applications:

- Low Hanging Fruit: As many early adopters have likely already taken advantage of the SFS funding, increased outreach and technical assistance will be necessary for the next wave of adopters. Planning is underway to increase outreach efforts to these schools.
- Funds Outside Xcel Running Low: Schools within Xcel territory have, throughout the program, submitted fewer grant applications. This may be because most solar schools pre-SFS were within Xcel territory, before the program launched in Xcel territory. In addition, more time and effort are necessary to identify schools within a non-congested interconnection zone within Xcel compared to other Greater Minnesota utilities. Grant funds for schools in Greater Minnesota are anticipated to be fully allocated during the 2026 program year, incentivizing developers to put in the extra time and effort necessary to identify optimal schools within Xcel territory.
- Solar on Public Buildings: Modeled after SFS, Solar on Public Buildings (SPB) launched in April 2024 awarding grants to public buildings in Xcel territory. With the sunset of the solar ITC imminent, in July 2025, eligibility was expanded to Greater Minnesota alongside \$14.5 million in additional grant funds and the percentage of the system cost covered by the grant increased significantly. As there had been no prior program available to public buildings in Greater Minnesota, SPB has seen significant interest receiving over 200 applications. Developers have prioritized outreach to this largely untapped market to secure contracts prior to the end of 2025 and thus meet solar ITC eligibility under 2025 rules.
- Market Uncertainty and Volatility: Throughout the 2025 program year, several schools have withdrawn applications (or never initiated an application at all) due to overall market uncertainty and concerns surrounding availability of the federal solar ITC, with some also expressing concern about the availability of the SFS funds, despite it being a fully state-funded program. Moving forward, these funds will provide essential stability to support school solar adoption.

Grantee Annual System Reporting

Solar*Rewards for Schools (S*RFS)

Xcel submitted their annual compliance filing December 1, 2025, reporting on system annual production and production incentive payments for the 2024 calendar year. Of the nine projects that had been reported on in the 2024 SFS Annual Report, one received permission to operate (PTO) in late 2022, six additional throughout 2023, and one in 2024. The ninth, and final outstanding S*RFS project, withdrew its application in 2025. The cumulative, and final, solar capacity of the eight S*RFS projects is 2.05MW_{dc}.

In total, two S*RFS projects withdrew their applications after incentives had been allocated to the projects, a total amount of \$213,769.78. See the *Grant Budget Reservations* section for further discussion on these withdrawn project funds.

Up-front incentives valued at \$1,506,914 have been paid to eight grantees. There remain no allocated up-front incentives yet to be paid. Through 2024, a combined \$101,767 PBI has been paid out of the cumulative \$952,719.02 10-year allocation. *Table 5* summarizes expected versus actual production through 2024 for systems reporting full calendar year data. On average, each project has produced 4.3% less than the expected calculated production. A *Table 5* summarizes this information collectively by calendar year.

*Table 5 Production Summaries for S*RFS Projects Reporting Complete Calendar Year Data*

Calendar Year	# Project Years Reported	Est. Production (kWh)	Actual Production (kWh)	Variance (%)
2023	1	NON-PUBLIC	NON-PUBLIC	-16.15%
2024	7	NON-PUBLIC	NON-PUBLIC	-2.65%
Average Project Variance⁶				-4.34%

Solar for Schools

Of the 162 combined SFS and S*RFS projects to date, 148 are SFS grantees with fully executed, or since closed, grant contracts with Commerce. The cumulative solar capacity of these 148 projects is 16.26MW_{dc}. An additional six schools have been invited to submit full applications as part of the 2025 R2 funding round. The final eight projects represent the S*RFS projects discussed in the *Solar*Rewards for Schools* section.

SFS grantees are obligated as part of their grant contract to annually report system production and electric usage information to Commerce by March 31 for the prior calendar year. *Table 6* summarizes the expected versus actual system production through 2024 for systems reporting full calendar year production data. On average, each project has produced 1.55% more than the expected calculated production.

⁶ Average Project Variance calculated by averaging the cumulative individual project variances across all program years to establish the accuracy on a project-level basis. This contrasts with summing the estimated and actual production across all projects and years to calculate an overall program variance.

Table 6 Production Summaries for SFS Projects Reporting Complete Calendar Year Data

Calendar Year	# Project Years Reported	Est. Production (kWh)	Actual Production (kWh)	Variance (%)
2023	5	327,894	317,288	-16.48%
2024	37	2,417,944	2,469,623	2.21%
Average Project Variance				1.55%

Grant Budget Reservations

On *Table 7*, it details the total, allocated, and remaining available program grant funds. Allocated funds encompasses the 148 SFS schools with fully executed or closed SFS contracts, the eight S*RFS grantees, and the six schools invited to submit full applications in 2025 R2 with funds tentatively reserved pending full applications. There has been a noticeable decline in program demand through the 2025 program year which has resulted in a greater amount of remaining program funds than previously had been anticipated. However, Commerce remains optimistic regarding the program's ability to utilize all remaining program funds by 2032.⁷ Relevant market and other factors impacting this decline have been outlined in the *2025 Program Year Summary* section.

Table 7 SFS Program Unallocated Grant Funds

	Total Grant Budget	Grant Reservations	2025 Round 2	Remaining
K-12 GF	\$21,012,000	\$16,148,588	\$926,791	\$3,936,621
K-12 RDA	\$20,514,324	\$7,255,721	\$408,650	\$12,849,953
MN State GF	\$2,142,000	\$135,111	-	\$2,006,889
MN State RDA	\$1,117,800	-	-	\$1,117,800

Except for the 'K-12 RDA Total Grant Budget,' the 'Total Grant Budget' for each category in *Table 7* is calculated using the sum of appropriated funds less admin costs. The \$20,514,324 'K-12 RDA Total Grant Budget' value represents the sum of (1) unallocated S*RSFS funds transferred to Commerce upon the rescission of S*RFS (\$5,175,691), (2) the cumulative allocated funds for the eight remaining (and final) S*RFS projects (\$2,459,633),⁸ and (3) the added appropriations from the 2023 Minnesota Legislative Session (\$14,310,000) less 10% for

⁷ Pursuant to Minn. Stat. § 216C.375, subd. 10, no SFS application may be submitted after December 31, 2032. But funds appropriated to the SFS account do not cancel to the general fund until June 30, 2034. See Minn. Stat. § 216C.375, subd. 3.

⁸ Commerce notes that the 2024 Solar for Schools Annual Report incorrectly listed the cumulative allocated funds for the nine remaining S*RFS projects (at that time) as \$2,106,334 due to a misunderstanding that the S*RFS upfront incentive was based on DC system size when it was in fact based on AC system size, in addition to a reporting error on one S*RFS project's system size. Both have since been corrected. The accurate cumulative allocated funds for those nine S*RFS projects were \$2,584,713.61.

administrative. Roughly \$365,000 of the original \$8,000,000 appropriation to S*RFS has yet to be transferred to Commerce.

Program Impact and Outlook

There are roughly 360 Independent, Special, and Cooperative school districts in Minnesota, comprised of an estimated 1500 individual school buildings, excluding any duplicate addresses, administrative buildings, and virtual classrooms.⁹ Prior to the SFS program, Minnesota had around 150 on-site solar photovoltaic (PV) systems across 57 school districts with a total installed capacity of around 13MW_{dc}.

To date, SFS has resulted in 162 additional on-site solar PV systems that have already been installed, or are on track to be installed, across 80 school districts. Of those 80, an estimated 65 are districts that previously had no on-site solar, bringing the state's district total to around 122 of the state's 364 districts¹⁰. This represents a combined grant award total of \$22.9 million. These projects, combined, are anticipated to produce over 19 million kWh of electricity annually, delivering over \$1.6 million in electricity costs savings annually, and saving schools over \$60 million in electric costs over the systems' 25-year lifetimes. These numbers are broken down by grantee application year in *Table 8*.

Of note, several grant projects are not represented in the cumulative grant values, annual production, and electric savings summed in *Table 8* data, as evident in the differences across the 'Grants Awarded' versus 'Grants Reporting' fields. Footnotes to the pertinent values explain these differences.

⁹ [Minnesota Department of Education Schools and Districts Database](#)

¹⁰ The total number of eligible districts occasionally fluctuates due to changes in cooperative districts operating in the state.

Table 8 Cumulative Impact of Grants by Grantee Application Year

Year	Grants Awarded	Grants Reporting	Cumulative Grant Values	Est. Annual Production (kWh)	Est. Year 1 Electric Savings	Est. Lifetime (25Y) Electric Savings
2022	59	53	\$5,176,993.00 ¹¹	3,329,280	\$249,696.00	\$8,087,086.00
2023	40	38	\$3,593,479.00	2,485,386	\$182,204.00	\$5,807,374.00
2024	54	54 ¹²	\$11,874,327.20	12,931,362	\$1,150,171.23	\$45,201,149.00
2025	9	3 ¹³	\$889,500.00	452,564	\$35,539.02	\$1,180,490.00
TOTAL	162	148¹⁴	\$21,534,299.20	19,198,592	\$1,617,610.25	\$60,276,099.00

Considering the remaining program funds in each of the four program funding accounts in combination with their respective average system size and anticipated grant award in subsequent program year, SFS is estimated to result in another 90 or more on-site solar school projects, bringing the program total to 250 solar installations and the state total to 400.

In total, once the program funding is fully expended, SFS funded projects are likely to increase the state's solar school capacity by over 32MW_{dc}, more than tripling its pre-SFS solar school capacity to 45MW_{dc}. Once installed, these 400 solar schools will result in Minnesota having solarized over 30% of eligible school buildings, triple the current national average.¹⁵

¹¹ The 2022 'Cumulative Grant Value' of \$5,177,168.00 (as cited in the 2024 Annual Report) was reduced by \$175 due to one grantee's final project cost coming in \$250 less than what had been submitted on the school's contract with their developer. The final grant award was subsequently reduced by \$175 as the school was eligible to receive a grant no more than 70% of the total project cost.

¹² The 2024 Annual Report cited 46 grants, reporting on 41 with fully executed grant contracts. Only one additional school moved forward with their grant, with the remaining four withdrawing their applications. These represented only the first funding round of 2024. The second funding round of 2024 resulted in an additional 12 fully executed grants. The 54 projects listed in *Table 8* represent the final list of 2024 SFS grantees.

¹³ Of the nine projects approved for 2025 grants, three have fully executed grant contracts. The remaining six, all of which are a part of the 2025 R2 cohort, will be included in future Annual Reports should those contracts become fully executed.

¹⁴ Of the 2022-2023 grantees, nine were awarded grants under S*RSFS, previously managed by Xcel Energy. Eight of the nine projects have received permission to operate (PTO) with the ninth project withdrawing their application. While the estimated system production and total grant award are known, data on the 'Est. Year 1 Electric Savings' and 'Est. Lifetime (25Y) Electric Savings' fields was not collected or calculated during Xcel's S*RSFS application process. As a result, we have excluded these eight projects from the cumulative grant impacts

¹⁵ [Brighter Future: A Study on Solar in U.S. K-12 Schools](#)

Attachment 1: Comprehensive List of Solar for Schools Grantees

Table 9: Solar for Schools Grant Recipients Organized by ISD#

ISD#	District	Install Location	Size kWdc	Est. Y1 Production kWh	Est. Y1 Electric Savings \$	Est. Lifetime Electric Savings \$	Grant
2	Hill City Public School District	High School	59.04	66,420	6,110.64	195,414	102,000
3	Minneapolis Public Schools	Hall STEM Academy	230.3	286,005	47,133.62	1,606,855	183,107
3	Minneapolis Public Schools	Franklin STEAM Middle	314.2	382,864	63,095.99	2,151,036	238,562
11	Anoka-Hennepin Public School District	Adams Elementary	102.91	121,869	TBD	TBD	141,366
11	Anoka-Hennepin Public School District	Hoover Elementary	287	335,588	TBD	TBD	335,135
12	Centennial School District	Golden Lake Elementary	59.2	66,600	3,563.10	113,945	102,000
13	Columbia Heights Public Schools	Valley View Elementary	60.96	68,580	5,952.74	217,969	90,690
13	Columbia Heights Public Schools	Highland Elementary	94.56	106,380	9,233.78	338,110	125,000
16	Spring Lake Park Schools	Centerview Elementary	187.4	228,219	11,981.50	833,643	219,287
16	Spring Lake Park Schools	Westwood Middle	328	391,432	20,550.18	1,321,206	336,862
25	Pine Point Public Schools	K-12	500.8	696,700	32,744.90	983,173	500,000
38	Red Lake Schools	Ponemah Elementary	56.64	64,105	4,750.18	164,506	87,500
38	Red Lake Schools	Secondary	56.64	64,423	4,773.74	165,322	87,500
38	Red Lake Schools	Red Lake Elem. Complex	57.6	72,614	5,446.05	174,760	126,791
77	Mankato Area Public Schools	Dakota Meadows Middle	49.5	61,788	5,746.28	184,969	84,000
77	Mankato Area Public Schools	Prairie Winds Middle	49.5	61,788	5,746.28	184,969	84,000
84	Sleepy Eye Public Schools	Elementary	59.2	66,600	5,148.18	164,635	66,000
84	Sleepy Eye Public Schools	High School	59.2	66,600	5,148.18	164,635	66,000
93	Carlton Public Schools	South Terrace Elementary	175.68	197,640	22,886.71	837,977	167,868
94	Cloquet Public Schools	Secondary Campus	45.92	47,717	3,120.69	106,389	107,458
97	Moose Lake Public Schools	PK-12	49.6	64,661	7,112.71	242,484	96,968
99	Esko Public Schools	Athletic Center/Forest Classroom	29.52	38,350	3,268.31	112,901	86,700
146	Barnesville Public Schools	High School	46.56	64,388	7,069.80	226,087	84,000
152	Moorhead Public Schools	Horizon Middle	59.2	66,600	3,336.66	106,704	102,000

ISD#	District	Install Location	Size kWdc	Est. Y1 Production kWh	Est. Y1 Electric Savings \$	Est. Lifetime Electric Savings \$	Grant
152	Moorhead Public Schools	Probstfield Elementary	59.2	66,600	3,336.66	106,704	102,000
152	Moorhead Public Schools	Horizon East Middle	59.04	66,420	2,430.97	77,741	102,000
152	Moorhead Public Schools	Dorothy Dodds Elementary	59.04	66,420	2,430.97	77,741	102,000
152	Moorhead Public Schools	High School	59.04	66,420	2,430.97	77,741	102,000
152	Moorhead Public Schools	S.G. Reinertsen Elementary	59.04	66,420	2,430.97	77,741	102,000
152	Moorhead Public Schools	Alternative	59.04	66,420	2,430.97	77,741	102,000
194	Lakeville Public School District	Kenwood Trail Middle	59.2	66,000	3,689.40	117,998	102,000
194	Lakeville Public School District	Century Middle	59.2	66,600	3,722.94	119,057	102,000
194	Lakeville Public School District	Eastview Elementary	59.04	66,420	5,253.82	168,013	102,000
194	Lakeville Public School District	Orchard Lake Elementary	59.04	66,420	4,709.18	150,596	102,000
194	Lakeville Public School District	Highview Elementary	59.04	66,420	4,709.18	150,596	102,000
194	Lakeville Public School District	Oak Hills Elementary	59.04	66,420	4,709.18	150,596	102,000
194	Lakeville Public School District	Cherry View Elementary	59.04	66,420	4,709.18	150,596	102,000
196	Rosemount, Apple Valley, Eagan Schools	School of Environmental Studies	26	29,250	1,638.00	52,382	62,900
196	Rosemount Apple Valley Eagan Schools	Emerald Trail Elementary	328	370,027	33,302.43	1,071,981	361,133
197	West St. Paul-Mendota Heights-Eagan Schools	Friendly Hills Middle	162.24	182,520	15,842.74	580,107	167,860
197	West St. Paul-Mendota Heights-Eagan Schools	Two Rivers High	330.24	371,520	32,247.94	1,180,810	299,148
197	West St. Paul-Mendota Heights-Eagan Schools	Heritage E-STEM Magnet	216.96	244,080	21,186.14	775,765	207,888
200	Hastings Public Schools	High School	239.94	269,933	23,430.18	858,147	265,520
200	Hastings Public Schools	Kennedy Elementary	320.85	409,084	35,385.77	1,295,127	403,810
238	Maybel-Canton Public School	K-12	110.4	129,645	14,261.00	459,050	80,770
241	Albert Lea Area Schools	Halverson Elementary	59.2	66,600	4,195.80	134,178	102,000
241	Albert Lea Area Schools	Southwest Middle	59.2	66,304	4,183.78	133,794	102,000
241	Albert Lea Area Schools	High School	59.04	66,420	5,194.04	166,101	102,000
241	Albert Lea Area Schools	Sibley Elementary	59.04	66,420	5,194.04	166,101	102,000
261	Ashby Public School District	K-12	48.23	55,264	4,734.00	158,238	102,000

ISD#	District	Install Location	Size kWdc	Est. Y1 Production kWh	Est. Y1 Electric Savings \$	Est. Lifetime Electric Savings \$	Grant
271	Bloomington Public Schools	John F. Kennedy High School	492.82	572,592	40,253.20	1,287,266	574,011
271	Bloomington Public Schools	Normandale Hills Elementary	130.56	146,880	12,749.18	466,832	114,452
279	Osseo Area Public Schools	Basswood Elementary	59.2	66,600	4,788.54	153,134	84,000
279	Osseo Area Public Schools	Oak View Elementary	59.2	65,712	4,731.26	151,302	84,000
279	Osseo Area Public Schools	Park Center High	524.8	610,181	42,895.73	1,371,772	611,432
279	Osseo Area Public Schools	Cedar Island Elementary	59.04	66,420	4,722.46	151,021	84,000
279	Osseo Area Public Schools	Maple Grove Middle	59.04	66,420	4,722.46	151,021	84,000
280	Richfield Public Schools	STEM	202.54	234,290	16,470.57	526,716	235,494
287	Intermediate. District 287	South Education Center	371.5	414,245	35,956.47	1,316,603	328,484
294	Houston Public Schools	High School	49.6	59,548	3,632.43	123,836	111,674
294	Houston Public Schools	Elementary/Bus Garage	49.6	59,560	3,633.16	123,860	113,575
297	Spring Grove School District	Elementary/ Secondary	47.97	64,388	7,069.80	226,087	102,000
299	Caledonia Area Public Schools	Middle/High	\$ 50	70,096	5,117.01	164,713	101,575
299	Caledonia Area Public Schools	Elementary	59.04	70,197	5,124.38	164,950	102,000
306	Laporte Public School District	High School	59.04	66,420	4,981.50	159,304	84,000
309	Park Rapids Public Schools	High School	729.6	930,240	91,256.54	3,343,370	500,000
314	Braham Area Schools	High School	49.6	57,875	3,472.50	118,383	101,902
314	Braham Area Schools	Elementary	40.8	47,609	2,856.54	97,383	92,603
318	Grant Rapids School District	Bigfork Elementary	402.52	493,087	48,389.51	1,760,198	500,000
332	Mora Public Schools	Elementary	59.2	65,416	5,141.70	164,427	102,000
332	Mora Public Schools	High School	59.2	66,600	5,221.44	166,978	102,000
345	New London - Spicer Schools	Prairie Wood Elementary	59.04	65,545	4,457.06	142,509	84,000
345	New London - Spicer Schools	Middle School	59.04	66,420	3,520.26	112,575	84,000
345	New London - Spicer Schools	High School	59.04	65,534	4,456.31	142,509	84,000
347	Willmar Public Schools	Lakeland Elementary	59.52	66,960	5,182.70	189,792	109,992
347	Willmar Public Schools	High School	59.52	66,960	5,182.70	189,792	109,992
347	Willmar Public Schools	Middle School	59.52	66,960	5,182.70	189,792	109,992
347	Willmar Public Schools	Roosevelt Elementary	59.52	66,960	5,182.70	189,792	109,992

ISD#	District	Install Location	Size kWdc	Est. Y1 Production kWh	Est. Y1 Electric Savings \$	Est. Lifetime Electric Savings \$	Grant
361	International Falls	High School	410.9	581,300	44,760.10	1,201,391	500,000
404	Lake Benton Public Schools	Elementary	45.6	62,000	7,322.20	249,593	41,796
413	Marshall Public Schools	High School	49.6	65,670	3,743.19	126,368	101,809
413	Marshall Public Schools	Middle School	49.6	65,670	3,677.52	126,301	99,913
413	Marshall Public Schools	Park Side Elementary	49.6	65,670	3,743.19	126,368	101,809
413	Marshall Public Schools	Southview Elementary	49.6	66,223	3,708.49	126,428	99,913
413	Marshall Public Schools	CTE Center	49.6	66,197	5,295.76	180,541	93,691
414	Minneota Public School	K-12	47.56	53,114	5,417.63	187,178	60,000
482	Little Falls Community School District	High School	274.35	336,079	32,981.37	1,207,899	421,884
486	Swanville Public Schools	K-12	39	50,145	6,569.00	223,947	101,937
497	Lyle Public School District	Elementary	59.04	66,420	5,027.99	160,791	102,000
508	Saint Peter Public School District	High School	51.06	55,539	4,165.00	151,853	102,000
508	Saint Peter Public School District	Middle School	51.06	55,539	4,165.43	151,853	102,000
531	Byron School District	High School	59.2	66,008	4,653.56	148,817	102,000
534	Stewartville School District	Bear Cave Intermediate	49.6	58,628	3,634.94	123,922	96,078
535	Rochester Public Schools	Dakota Middle	59.2	66,600	4,788.54	153,134	84,000
535	Rochester Public Schools	Longfellow Elementary	59.2	66,600	4,788.54	153,134	84,000
535	Rochester Public Schools	Overland Elementary	50.4	60,353	3,922.95	126,277	84,000
535	Rochester Public Schools	Bishop Elementary	50.4	59,618	6,557.98	211,097	83,967
535	Rochester Public Schools	Elton Hills Elementary	66.7	78,704	5,666.69	182,407	81,374
535	Rochester Public Schools	Hoover Elementary	59.52	66,960	4,238.57	136,393	82,715
553	New York Mills Public School	K-12	59.2	66,600	4,355.64	139,290	102,000
622	North St. Paul Maplewood-Oakdale Schools	Richardson Elementary	59.52	70,283	7,703.02	2,824,533	83,495
622	North St. Paul Maplewood-Oakdale Schools	Carver Elementary	327.8	368,820	32,013.58	1,172,229	362,275
622	North St. Paul Maplewood-Oakdale Schools	Justice Alan Page Elementary	196.8	221,400	19,217.52	703,681	228,000
623	Roseville Public School District	Little Canada Elementary	234.93	273,249	19,209.40	614,302	273,751

ISD#	District	Install Location	Size kWdc	Est. Y1 Production kWh	Est. Y1 Electric Savings \$	Est. Lifetime Electric Savings \$	Grant
623	Roseville Public School District	Edgerton Elementary	144.32	167,729	11,791.33	377,077	196,979
623	Roseville Public School District	Harambee Elementary	57.4	66,300	4,660.91	149,052	91,464
624	White Bear Lake Public Schools	High School	469.44	528,120	45,840.82	1,678,535	457,930
624	White Bear Lake Public Schools	Vadnais Elementary	171.84	193,320	16,780.18	614,433	217,070
625	Saint Paul Public Schools	Bruce Vento Elementary	311.46	376,832	35,799.04	1,236,850	291,199
700	Hermantown Community Schools	Senior High	59.2	66,008	6,151.95	196,734	102,000
700	Hermantown Community Schools	Middle School	59.2	66,600	7,798.86	249,401	102,000
704	Proctor Public Schools	Pike Lake Elementary	59.2	66,600	7,792.20	249,188	102,000
704	Proctor Public Schools	Bay View Elementary	59.2	66,600	7,792.20	249,188	102,000
704	Proctor Public Schools	High School	59.04	66,420	5,732.05	183,306	102,000
709	Duluth Public Schools	Lincoln Park Middle	100.44	115,395	11,574.12	370,168	125,000
720	Shakopee Public School District	East Middle	51.87	65,055	5,100.31	135,377	102,000
720	Shakopee Public School District	Sweeney Elementary	51.87	65,013	5,097.02	135,292	102,000
786	Bertha-Hewitt Public Schools	Elementary	386.88	435,240	50,400.79	1,845,381	486,630
813	Lake City Public Schools	High School	266.4	301,432	19,292.00	620,984	322,828
813	Lake City Public Schools	Elementary	238.8	268,613	17,191.00	553,373	177,172
818	Verndale Public School District	Elementary	59.2	65,712	7,694.88	246,076	114,000
820	Sebeka Public Schools	Elementary	338.1	380,130	38,393.13	1,701,824	361,091
821	Menahga Public School District	High School	59.04	65,534	5,583.50	178,556	114,000
821	Menahga Public School District	Elementary	59.04	66,420	5,658.98	178,556	114,000
840	St. James Public Schools	Middle/High	59.2	66,600	3,762.90	120,335	102,000
840	St. James Public Schools	Northside Elementary	59.2	66,600	3,762.90	120,335	102,000
850	Rothsay Public Schools	PK-12	48.23	55,997	4,457.36	148,962	84,000
857	Lewiston Altura Public Schools	High School	218.5	290,580	20,631.18	1,006,711	214,130
857	Lewiston Altura Public Schools	Elementary	186.3	223,311	15,855.08	847,194	210,519
858	St. Charles Public Schools	High School	59.52	66,960	6,528.60	210,151	83,030
858	St. Charles Public Schools	Elementary	59.52	66,960	6,528.60	210,151	81,960
879	Delano Public Schools	High School	59.2	66,600	4,375.62	139,929	102,000

ISD#	District	Install Location	Size kWdc	Est. Y1 Production kWh	Est. Y1 Electric Savings \$	Est. Lifetime Electric Savings \$	Grant
879	Delano Public Schools	Intermediate School	59.2	66,304	4,356.17	139,307	102,000
2071	Lake Crystal Wellcome Memorial School District	Secondary	59.04	66,420	2,723.22	87,086	84,000
2071	Lake Crystal Wellcome Memorial School District	Elementary	59.04	66,420	2,723.22	87,086	84,000
2137	Kingsland Public School District	Kingsland K12	204	264,555	18,518.85	635,562	183,198
2164	Dilworth-Glyndon-Felton Public Schools	Elementary	336	378,000	32,810.40	1,201,406	453,960
2165	Hinckley-Finlayson School District	High School	59.2	66,600	7,792.20	249,188	102,000
2165	Hinckley-Finlayson School District	Hinckley Elementary	59.2	66,600	7,792.20	249,188	102,000
2711	Mesabi East School District	Elementary	59.04	66,420	5,658.98	180,970	102,000
2769	Morris Area Schools	Elementary/High School	49.05	58,381	6,818.90	217,474	84,000
2835	Janesville Waldorf Pemberton Schools	High School	59.04	66,420	7,113.58	227,487	84,000
2888	Clinton-Graceville-Beardsley Schools	Secondary	74.9	88,960	9,874.56	320,004	62,340
2899	Plainview Elgin Millville Com Schools	4-6 Building	59.2	66,600	4,695.30	150,152	102,000
2899	Plainview Elgin Millville Com Schools	PK-3	59.2	66,600	4,695.30	150,152	102,000
2899	Plainview Elgin Millville Com Schools	Junior High	59.52	66,960	4,218.48	135,790	81,460
2899	Plainview Elgin Millville Com Schools	High School	59.52	66,960	4,218.48	135,790	83,030
2905	Tri-City United Schools	High School	59.2	66,600	4,681.98	149,726	102,000
2905	Tri-City United Schools	Le Center Elem./Middle	59.2	66,600	4,681.98	149,726	102,000
2905	Tri-City United Schools	Montgomery PK-8	59.04	66,420	4,071.55	130,205	102,000
2908	Brandon-Evansville Public Schools	Brandon High	52	61,559	6,974.63	237,776	63,200
2908	Brandon-Evansville Public Schools	Evansville Elementary	52	62,283	6,844.90	233,310	64,247
2909	Rock Ridge Public Schools	Laurentian Elementary	348.48	392,040	33,302.43	1,662,217	460,476
6083	Southern Minn. Educ. Consortium (SMEC)	Main Education Building	54	64,682	7,762.00	249,848	47,996
N/A	Minnesota West Community & Technical College	Canby Campus	50	65,512	5,383.12	134,578	48,000
N/A	Anoka Ramsey Community College	Cambridge Campus	49.92	64,311	3,762.19	147,162	87,111