

DIXON PUBLIC SCHOOLS #170

"A Place to Grow"

www.dps170.org

1335 Franklin Grove Road
Dixon, Illinois 61021

Phone: (815) 373-4966
Fax: (815) 284-8576

Margo Empen, Superintendent
Doug Stansford, Asst. Superintendent
Marc Campbell, Business Manager

Date: November 19, 2025
To: Board of Education Members
From: Margo Empen, Superintendent & Marc Campbell, Chief School Business Official
RE: Solar One Contract Approval

Over the past several years, District Administration has engaged in work for the installation of solar energy systems at our schools. The Board has continued to express interest in this opportunity. As previously outlined, the One Big Beautiful Bill (OB BB) has made significant changes in the industry, the biggest being the timeline and expiration of credits and incentives. As a result, the final opportunity for solar contract companies and customers like our district to engage in this project ends in December. Without approval of this project, the district would recommend waiting until the industry shifts in the future.

At the Board meeting, final documents will be provided including the Power Purchase Agreement (PPA).

In the spreadsheet below, Solar One is offering a fixed rate over the course of the 7 years. The fixed rate is set at \$.036/kWh. As a point of reference, our current supply contract is \$.0438/kWh. Additionally, the spreadsheet considers a modest 1.7% increase in savings. If market prices increase more than 1.7% the savings would be higher, which is outlined in the columns to the right. The 7 year PPA includes a buyout at the end with a fair market value purchase at 0%.

Dixon Public Schools, in cooperation with the community, will provide students with a comprehensive educational program that produces well-educated, self-sufficient, and involved citizens.

Dixon Public Schools #170											
Summary of Savings with Solar One Project											
Solar Project Savings comparison w/Solar One						Increased Savings Do to Increased Market Rates					
Cash Flow w/\$.031/kWh for 15 years				Cash Flow \$.036/kWh for 7 years, buyout		3%		4%		5%	
Year	Savings	Cumulative		Savings (1.7% inc.)	Cumulative	Savings	Cumulative	Savings	Cumulative	Savings	Cumulative
1	\$ 91,853	\$ 91,853		\$ 82,480	\$ 82,480	\$ 82,480	\$ 82,480	\$ 82,480	\$ 82,480	\$ 82,480	\$ 82,480
2	\$ 93,274	\$ 185,127		\$ 83,947	\$ 166,427	\$ 84,954	\$ 167,434	\$ 85,779	\$ 168,259	\$ 86,604	\$ 169,084
3	\$ 94,701	\$ 279,828		\$ 85,422	\$ 251,849	\$ 87,503	\$ 254,937	\$ 89,210	\$ 257,470	\$ 90,934	\$ 260,018
4	\$ 96,136	\$ 375,964		\$ 86,903	\$ 338,752	\$ 90,128	\$ 345,066	\$ 92,779	\$ 350,248	\$ 95,481	\$ 355,499
5	\$ 97,579	\$ 473,543		\$ 88,392	\$ 427,144	\$ 92,832	\$ 437,898	\$ 96,490	\$ 446,738	\$ 100,255	\$ 455,754
6	\$ 99,028	\$ 572,571		\$ 89,887	\$ 517,031	\$ 95,617	\$ 533,514	\$ 100,350	\$ 547,088	\$ 105,268	\$ 561,022
7	\$ 100,485	\$ 673,056		\$ 91,390	\$ 608,421	\$ 98,485	\$ 632,000	\$ 104,364	\$ 651,451	\$ 110,531	\$ 671,553
8	\$ 101,949	\$ 775,005		\$ 123,835	\$ 732,256						
9	\$ 103,421	\$ 878,426		\$ 125,026	\$ 857,282						
10	\$ 104,900	\$ 983,326		\$ 126,226	\$ 983,508						
11	\$ 106,388	\$ 1,089,714		\$ 127,436	\$ 1,110,944						
12	\$ 107,882	\$ 1,197,596		\$ 128,654	\$ 1,239,598						
13	\$ 109,385	\$ 1,306,981		\$ 129,882	\$ 1,369,480						
14	\$ 110,895	\$ 1,417,876		\$ 131,118	\$ 1,500,598						
15	\$ 112,414	\$ 1,530,290		\$ 132,365	\$ 1,632,963						

Dixon Public Schools, in cooperation with the community, will provide students with a comprehensive educational program that produces well-educated, self-sufficient, and involved citizens.