

DIXON PUBLIC SCHOOLS #170

"A Place to Grow"

www.dps170.org

1335 Franklin Grove Road
Dixon, Illinois 61021

Phone: (815) 373-4966
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Margo Empen, Superintendent
Doug Stansford, Asst. Superintendent
Marc Campbell, Business Manager

Date: March 18, 2026
To: Board of Education Members
From: Margo Empen, Superintendent & Marc Campbell, CSBO
RE: DataWrangler – Information Presentation

Over the past month, Administration has notified the Board of the potential of implementing Data Wrangler. Data Wrangler uses proprietary software that links into electrical meters and HVAC control systems to compile usage data and work to lower electrical cost. Peak rates make up more than 50% of our electrical costs and this program can identify the peak times and provide solutions to avoiding these rate spikes. DataWrangler software is designed to identify these peak demand charges, provide data to adjust electrical usage, and lower peak demand charges and the transmission fees. Our HVAC control system upgrades been done through our 10-Year HLS work provides us with an opportunity to utilize this technology.

Summary of DataWrangler Program Proposal

- Last year's electric costs totaled \$244,153, with 52% driven by peak demand charges.
- The proposed program projects 15% annual savings, estimated at \$70,618.
- ROI varies by site, ranging from 4.7 to 19.1 months.
- Program costs include a \$39,395 installation fee plus \$2,000 per month.
- An optional solar performance and cost savings reporting package is available to provide detailed data once solar is installed.
- Current estimates indicate a one year overall return on investment.

The contract in accordance with Board Policy 2:20 Powers and duties of the Board of Education; Indemnification, one of the duties of the Board is to enter contracts in accordance with applicable federal and State law including using the public bidding procedure when required. In this situation, the software is considered technology and is exempt from the bidding requirements. The cost of the program is an unbudgeted cost, but offers a return on investment over time.

Timeline:

February – Initial notification

March – Distributed information to the Board in accordance with Open Meetings Act

March Board Meeting – Discussion

April – If interested move forward with approval

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 SCHOOL DISTRICT 170
 315 LINCOLN STATUE DR
 DIXON, IL 61021
 Utility Account Number
 6726068354
 BILL ACCOUNT NUMBER: 0000331698
 STATEMENT ID: 10285322

Aug 28, 2025 to Sep 29, 2025

Pay This Amount
AMOUNT DUE
 \$40,134.01
DUE DATE
 Nov 11, 2025

Online Billing
 accounts.engineersources.com
 Email Us
 care@engineersources.com

Dixon HS Electric Bill

September 2025

Charges for Billing Period for Aug 28, 2025 to Sep 29, 2025

Index Energy Charge 10801.54kWh @ \$0.03673
 Retail Adder Charge 151728.26kWh @ \$0.00345
 Price Lock Energy Charge 151728.26kWh @ \$0.0438
Subtotal Supplier Charges

Capacity Charge 263.26kW @ \$0.27043 for 32 days
 Ancillary Services Charge
 Transmission Charge 305.21kW @ \$0.1261 for 32 days
Subtotal Settlement Charges

Goal to Solar and Energy Storage Fund 151,728 kWh @ \$0.00005
 Carbon-Free Energy Resource Adj 151,728 kWh @ \$-0.01031
 Meter Lease
 Environmental Cost Recovery Adj 151,728 kWh @ \$0.0001
 Energy Transition Assistance 151,728 kWh @ \$0.00072
 Customer Charge
 Nonstandard Facilities Charge
 IL Electricity Distribution Charge 151,728 kWh @ \$0.00125

Distribution Facility Charge 344.51 kW @ \$14.6
 Standard Metering Charge
 Energy Efficiency Programs 151,728 kWh @ \$0.00835
 Single Bill Option Credit
 State Tax
 Renewable Portfolio Standard 151,728 kWh @ \$0.00502
 Franchise Cost 4,837.5 DO @ \$0.0164
 Zero Emission Standard 151,728 kWh @ \$0.00189
 Municipal Tax
Subtotal Utility Charges

Current Energy Charges
\$19,369.39

Total Charges for this Billing Period

\$19,369.39

Energy Consumed is \$7500 of \$19,000 bill
 Only 39% of Electric Bill

Peak Demand Charges =
 \$9500 of \$19,000 bill
 Demand Charges ~ 50%
 of Total Electric Bill

\$396.73
 \$523.46
 \$6,645.70
 \$7,565.89

\$2,278.22
 \$1,000.55
 \$1,231.59
 \$4,510.36

\$7.59
 -\$1,564.32
 \$3.31
 \$15.17
 \$109.24
 \$170.42
 \$78.32
 \$188.69
 \$5,029.85
 \$13.61

\$1,266.93
 -\$0.69
 \$464.85
 \$761.67
 \$79.34
 \$286.77
 \$381.42
 \$7,293.14

pts



Energy Data-as-a-Service from CLOCworks, Inc.
 "Our Knowledge Will Save You Power!"

1050 Regent Street, Suite 201 | Madison, WI 53715

SOFTWARE AS A SERVICE SUBSCRIPTION AGREEMENT

This Software as a Service Subscription Agreement (the "**Agreement**") is entered into as of _____ (the "**Effective Date**") by and between CLOCworks Inc., a Wisconsin corporation, having its principal place of business at 1050 Regent STE 201, Madison, Wisconsin 53715 ("**CLOCworks**"), and the entity identified below ("**Customer**"). Each of CLOCworks and Customer is, a "**Party**", and together, the "**Parties**."

CLOCworks Information			
Account Executive:	John Koscic	Email:	JohnK@datawrangler.us

Customer Information			
Customer:	Dixon Public Schools 170		
Address:	300 Lincoln Statue Dr. Dixon, IL 61021	Billing Address:	1335 Franklin Grove Rd. Dixon, IL 61021
Operations Contact Name:	Kevin Schultz	Billing Contact Name:	
Email:	kschultz@dps170.org	Billing Email:	
Telephone Number:		Billing Telephone Number:	
IT Contact and Email:		Purchase order (y/n)	

This Agreement consists of this cover page and the Initial Order Form (including any exhibits or schedules attached thereto) and [Terms and Conditions](#), each of which are attached hereto, as well as any other Order Forms entered into hereunder, all of which are incorporated herein by this reference.

IN WITNESS WHEREOF, the Parties have executed and delivered this Agreement as of the Effective Date set forth above.

Dixon Public Schools 170	CLOCworks, Inc.
Signature:	Signature:
Print Name:	Print Name: Jim Koeppel
Title:	Title: President
Date:	Date:



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INITIAL ORDER FORM

This Initial Order Form is entered into as of the Effective Date and is incorporated as part of the Agreement between CLOCworks and Customer. In the event of a conflict between this Initial Order Form and the Terms and Conditions, this Initial Order Form shall take precedence.

Products and Services	Description
Electrical Submeters, Onsite gateway, probes and cables, Professional Installation	4 x DENT PowerScout 12 HD on the Main Electrical Service with (30) 2000A CT's 1 x DENT PowerScout 3 HD on the Main Electrical Service with (3) 2000A CT's ML100G-52 Industrial Fanless Intel with Dual LAN Electrical Professional Installation
CLOCworks Install and Data Integration Services	1. Integrate electrical metering data access to CLOCworks platform 2. Network Configuration (IP addresses, device connectivity, connection to CLOCworks)

Install Locations	Fee
Dixon High School: 300 Lincoln Statue Dr. Dixon, IL 61021 Utility Meter #: 230168558	\$10,419
Reagan Middle School & Madison Elementary: 620 Division St. Dixon, IL 61021 Utility Meter #: 230211767 230211769	\$13,528
Jefferson Elementary School: 800 Fourth Ave. Dixon, IL 61021 Utility Meter #: 230095027	\$7,339
Washington Elementary School: 703 E. Morgan St. Dixon, IL 61021 Utility Meter #: 230273283	\$8,109
Total CLOCworks Install Price (USD, Taxes not Included):	\$39,395

CLOCworks Solutions	Description	Number of Buildings	Term (Years)	Monthly License Fee
CLOCworks EDaaS Application	CLOCworks provides Customer ongoing monthly: <ul style="list-style-type: none"> Analysis of building electrical usage data, with electric utility bills, outside weather, and other external information to provide insights to Customer on how to save energy, reduce peak demand charges, and lower carbon footprint while improving efficiency. Reports that summarize improvements, cost savings, and future recommendations. Unlimited Access to Data Wrangler Energy Portal 	4	5	\$3,200 \$2,000 Bundled Discount
CLOCworks Monthly License Fee Total (USD, Taxes not Included):				\$2,000

CLOCworks Solutions	Description	Number of Buildings	Term (years)	Monthly License Fee
CLOCworks EDaaS Application	CLOCworks provides Customer ongoing monthly: <ul style="list-style-type: none"> Solar Production and Bill Savings Reports 	4	Initially to be off until needed	\$800 \$400 Bundled Discount

CLOCworks Solutions	Description	Number of Buildings	Term (years)	Monthly License Fee
CLOCworks EDaaS Application	CLOCworks provides Customer ongoing monthly: <ul style="list-style-type: none"> Electrical sub metering and detailed monthly reports for 3rd party facility usage hours and electricity costs 	1	Initially to be off until needed	\$500 \$400 Bundled Discount

- Term:** The initial term of this Initial Order Form shall commence on the delivery of the first monthly reports and continue up to and through the period of time set forth above (the "Initial Term"). The Initial Order, except for the Third-Party Products and Professional Services, will automatically renew for additional successive twenty-four (24) month terms unless either Party gives the other Party written notice of non-renewal at least thirty (30) days prior to the expiration of the then-current term (each a "Renewal Term" and, collectively, together with the Initial Term, the "Term").
- Report Frequency:** A CLOCworks Report will be delivered to Customer every month during the term of this Order Form starting after the first electric utility billing cycle following completion of the CLOCworks install.
- Building Location:**
 Dixon High School: 300 Lincoln Statue Dr. Dixon, IL 61021
 Reagan Middle School & Madison Elementary: 620 Division St. Dixon, IL 61021
 Jefferson Elementary School: 800 Fourth Ave. Dixon, IL 61021
 Washington Elementary School: 703 E. Morgan St. Dixon, IL 61021
- Marketing:** Customer agrees that CLOCworks may issue press releases and devise case studies, each with respect to Customer's use of the CLOCworks Solutions (collectively, the "Publications"), and that CLOCworks may use the Publications for marketing of its CLOCworks Solutions to third parties; provided however, the Publications are subject to Customer's prior review and approval, which shall not be unreasonably withheld, conditioned, or delayed. Customer hereby authorizes CLOCworks to use Customer's trademarks and logos solely in connection with the Publications. Such trademarks and logos shall be deemed part of Customer Data. This Section shall survive termination or expiration of the Agreement.
- Fees & Payment:** CLOCworks shall invoice Customer for the one-time installation fee after the installation is complete with net 30-day payment terms. CLOCworks shall invoice Customer for ongoing Monthly License Fee one month after the installation is completed following delivery of the first monthly report through the end of the contract term. If Customer fails to make any payment when due, without limiting CLOCworks' other rights and remedies: (i) CLOCworks may charge interest on the past due amount at the rate of 1.5% per month calculated daily and compounded monthly or, if lower, the highest rate permitted under applicable Law.
- Future Hardware Integration:** Any new equipment installs and control integrations with CLOCworks solutions beyond the one-time installation will be treated under a separate contract between CLOCworks and the Customer.



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I. Customer Obligations.

A. Energy Invoices. Customer agrees to provide all pertinent energy invoices to CLOCworks within five (5) days of Customer's receipt of such invoices from the energy provider. (CLOCworks will set up automated access to gather energy invoices for the Customer)

B. Customer Building Data. In accordance with Section of the Terms and Conditions, Customer agrees to provide CLOCworks continuous access to building data.

C. Customer Operator Meetings. Customer shall provide access to facility operators for monthly meetings with CLOCworks data analytics team to review monthly reported savings and collaborate on additional savings and optimization opportunities.

*****End of Initial Order Form****

