

Wood County Renewable and Sustainable Committee

Date: Thursday, September 26, 2019

Time: 10:00 am

Location: Room 115, Wood County Courthouse

- 1) Call to order
- 2) Public comments
- 3) Review/approve previous meeting minutes
- 4) Update on SolSmart and other Community solar initiatives
- 5) Update on recommendations made to Executive Committee
- 6) Review grant applications and send recommendations to Exec. Committee
- 7) Review draft of County goals and consider forwarding to Exec. Committee
- 8) Discuss development of County energy plan
- 9) Future agenda items
- 10) Next meeting
- 11) Adjourn

RENEWABLE & SUSTAINABLE COMMITTEE MEETING

DATE: Friday, July 12, 2019
TIME: 10:00 AM
LOCATION: Wood County Courthouse – Room 115, Wisconsin Rapids, WI

Present: Reuben Van Tassel, Nancy Turyk, Sue Knuferman, Jake Hahn, Bill Leichtnam, Nicole Gessert

Others
Present: Bill Clendenning, Adam Fischer

1. **Call Meeting to Order:** Nancy Turyk called the meeting to order at 10:00 a.m.
2. **Identify who will take meeting notes:** Nicole Gessert from Maintenance will be the note taker.
3. **Identify Chair and Vice Chair:**
Sue Knuferman nominated Reuben Van Tassel as Chair of the Renewable & Sustainable Committee. Second by Bill Leichtnam. No other nominations received. Van Tassel indicated he has a very full plate but will serve to the best of his ability. Vote: Unanimous. (Van Tassel abstained)

Reuben Van Tassel nominated Sue Knuferman as Vice Chair of the Renewable & Sustainable Committee. Second by Bill Leichtnam. No other nominations received. Vote: Unanimous (Knuferman abstained).
4. **Public Comments:**
Turyk thanked everyone for participating.
5. **Review committee composition and charge:**
Renewable and Sustainable Committee roles and responsibilities were discussed from the packet materials. Leichtnam questioned why items were crossed off. Van Tassel indicated the items crossed off involved more of a community involvement and the direction from the Executive Committee was to be more County focused. Leichtnam questioned who controls the grant approvals. Adam Fischer spoke on behalf of the Executive Committee (EC) that it was the impression that this committee would approve Renewable & Sustainable along with Lean Process Improvement grants pending EC final approval.
6. **Review current Wood County energy initiatives:**
 - (a) **Wood County energy website:**
Turyk stated the energy page is complete and is available on the Wood County Website.
 - (b) **Wood County efficiency and renewable grant program:**
Turyk stated that the grant deadline was extended till 9/25/19 so this Committee will need to review the applications and report their recommendations to EC by 10/1/19. Discussion ensued regarding getting the word out to Department Heads (DH) about the grants and the process involving the Maintenance Department for any upgrades as a result of the grants. Knuferman suggested a possible FAQ document to help DH through the process. Turyk suggested cataloging grant requests to get a sense of what topics are being considered. Knuferman suggested adding the grant program as a discussion item at the next DH meeting.
 - (c) **SolSmart:**
Turyk stated the SolSmart certification is almost complete. Discussion ensued regarding goal setting as related to SolSmart gold designation. Van Tassel noted that EC removed everything related to SolSmart as part of the Committee's roles and responsibilities. Fischer indicated he would get clarification from EC relating to goals.

(d) National Renewable Energy Labs (NREL):

Van Tassel presented information from an NREL evaluation on some County properties Turyk presented additional information from North Wind Renewable Energy on a couple specific County properties and a handout from a conversation with Alliant Energy. Discussion ensued. Fischer questioned whether the Renewable Energy Certificates (RECs) was being considered from a marketing stand point. Turyk indicated she will get more RECs information. Turyk also indicated she will identify Central Wisconsin Group Buy (CWGB) rebate deadlines.

7. Future Agenda Items:

Turyk questioned if the Committee is ok with emails as a form of communication. The committee consensus agreed.

- Review Grants if available
- Review other counties goals
- Review example energy plans - Van Tassel will reach out to Portage County to get more information regarding implementation of their program.

8. Next Meeting:

Thursday, September 26th. 10:00 a.m. @ Wood County Courthouse, Room 115

9. Adjourn Renewable & Sustainable Committee Meeting: Reuben Van Tassel adjourned @ 11:47 a.m.

Notes by Nicole Gessert, Maintenance Department

RENEWABLE & SUSTAINABLE COMMITTEE MEETING

DATE: Tuesday, August 20, 2019
TIME: 11:00 AM
LOCATION: Wood County Courthouse – Room 115, Wisconsin Rapids, WI

Present: Reuben Van Tassel, Nancy Turyk, Sue Knuferman, Jake Hahn, Bill Leichtnam, Nicole Gessert

Others

Present: Bill Clendenning, Mark Holbrook, Ken Curry, Doug Machon, Benjamin Nusz (MSTC)

1. **Call Meeting to Order:** Chair, Reuben Van Tassel called the meeting to order at 11:00 a.m.
2. **Public Comments:**
Introductions
3. **Review Renewable & Sustainable goals of other WI Counties:**
Committee discussed information provided in the packet. Nancy Turyk provided a hand-out to summarize various other Counties R&S goals. Discussion ensued.
 - a. **Discuss creating Renewable & Sustainable goals for Wood County:**
Nancy Turyk provided an Executive Order #38 hand-out from Governor Evers in reference to clean energy. Van Tassel asked for consensus from the group regarding the direction they would like to take for establishing goals. Discussion ensued. Sue Knuferman and Nancy Turyk will work up a draft of goals to be brought back to the next meeting.
4. **Review example energy plans:**
Committee discussed the value of a comprehensive energy plan. Turyk indicated the Renewable Energy Data Analysis Course which would provide an Intern for energy data analysis has a deadline of August to apply for the course.
 - a. **Discuss formulating energy plan for Wood County:**
Jake Hahn stated that the Committee should move forward with the Energy Data Analysis.

Motion: (Hahn/Knuferman) to send recommendations to the Executive Committee for funding of \$2,000.00 for the Renewable Energy Data Analysis. Motion carried unanimously.

5. **Discuss solar opportunities for Wood County:**
Committee reviewed solar opportunities recently presented to Wood County. Van Tassel indicated that some of the solar projects could help Wood County become a more marketable community. Bill Leichtnam suggested that a very visible project would be the most beneficial. Discussion ensued.

Motion: (Hahn/Leichtnam) to move forward with recommendations to the Executive Committee for a solar charging station at the Courthouse working with MSTC at their earliest convenience and the Nepco solar project with the Renewable & Sustainable grant funds. Motion carried unanimously.

Van Tassel advised that even with Executive Committee approval for funding, the Nepco solar project would still need to have HIRC Committee approval since Park's property is under their oversight.

Ben Nusz indicated the MSTC timeline may not fit the current goal for the charging station at the Courthouse but he is happy to partner with the County.

Turyk questioned the funding process for a larger project such as the Highway property solar project. Van Tassel explained it should be a request from the Highway Department to their oversight committee as

part of their CIP budget. Hahn indicated he will ask to have Nancy Turyk added to the HIRC agenda at the next meeting on 9/5/19 to present the proposed solar project at the Highway property.

6. **Review information previously provided to committee & Discuss information included in future Committee packets:**

Van Tassel questioned the Committee packet materials and consensus is to scale back the packet materials to a few relevant items associated with agenda items.

7. **Future agenda items:**

- Grant Applications
- Goals Draft
- Update from Executive Committee recommendations
- Develop Wood County Energy plan
- Approve Past meeting minutes

8. **Next Meeting:**

Thursday, September 26th. 10:00 a.m. @ Wood County Courthouse, Room 115

9. **Adjourn Renewable & Sustainable Committee Meeting:** Reuben Van Tassel adjourned @ 12:32 p.m.

Notes by Nicole Gessert, Maintenance Department

Kansas company plans solar project on proposed mega-dairy site in Saratoga

Karen Madden, **Wisconsin Rapids Daily Tribune** Published 6:11 p.m. CT Sept. 9, 2019

[Buy Photo](#)



The Wysocki Family of Cos. is part owner of the Central Sands Dairy in Armenia. The company proposed a 6,000-acre dairy in Saratoga, but now there are plans for a solar project on 1,650 acres of the land. (Photo: USA TODAY NETWORK-Wisconsin file photo)

SARATOGA - A Kansas company is proposing a 150-megawatt solar project on 1,200 acres owned by a company that has planned a proposed mega-dairy in the town.

The solar panels for the project proposed by the company, Savion, of Lenexa, Kansas, would cover 1,200 acres of land owned by the Wysocki Family of Companies, Saratoga Town Chairman Terry Rickaby said. It is unclear how the proposed solar project would affect the 5,300-cow dairy, Rickaby said.

The total project would use 1,650 of 6,000 acres the Wysocki Family of Companies planned to use for crops and spreading manure, according to a [Power Point presentation](#) from Savion posted on [Saratoga's website](#). The proposed solar project would produce enough electricity to power 40,000 homes, according to the company.

Savion is in the process of doing a wetlands survey and a threatened and endangered species report. The company plans to prepare and submit an application for the project in early 2020.

RELATED: [Still no charges against man suspected of killing elementary teacher while drunken driving](#)

RELATED: [Sentry Insurance Foundation will pay for new Stevens Point police dog after Luna's death](#)

If approved, the project would be located on the west side of State 13, on both sides of Rangeline Road in Saratoga, Rickaby said. The expected timeline for the project calls for construction in late 2021 and into 2022.

Rickaby said town officials and residents heard rumors about the proposed solar project, but the company didn't contact the town until about two weeks ago. A public meeting on the project is planned for Sept. 25, although the time has not been decided. Savion plans to create a Facebook page to keep residents informed about the project and answer questions, Rickaby said.

The Wisconsin Department of Natural Resources put a permit review and environmental impact statement process for the proposed Golden Sands Dairy on hold in August, because the company had not submitted information to complete its application, according to the DNR's website. The DNR is not actively working on the review for the dairy.

Wood County Energy Goals and Plan

DRAFT for September 25, 2019 Renewable and Sustainable Committee

Reducing unnecessary energy expenditures and consumption is on the forefront for many individuals, businesses, organizations, and local governments. Wood County seeks to achieve a feasible level of energy independence as a way of enhancing energy security, reducing costs, attracting new residents, and positively impacting health, the environment, and local natural resources for future generations. Plummeting costs associated with renewable energy systems make the local generation of energy attainable and economically beneficial and helps to keep money spent on energy in the local economy. In addition, implementing an energy plan is a first step to improving municipal credit ratings by investor services.

Setting targets, developing strategies, engaging employees, and planning for initial capital investments will pave the way for reductions in energy use and expanding the amount of energy generation by Wood County, resulting in saved tax dollars, greater energy security, and positive health and environmental outcomes.

Energy is undergoing swift transitions worldwide. As a result, this plan should be reviewed and updated at least annually by the Wood County Renewable and Sustainable Committee.

Goals:

Promote energy efficiency and conservation, and renewable energy for Wood County operations.

Short-term target: By 2025, reduce non-renewable energy by 15%.

Long-term target: By 2050, utilize 100% renewable energy.

Lead by example.

1. By 2025, reduce non-renewable energy by 10%.
 - a. Conduct focus groups with Wood County employees to discuss energy use and gather input and ideas for energy efficiencies and renewables.
 - b. Develop a mechanism to regularly distribute energy-saving tips to employees. Reward positive changes.
 - c. By February 29, 2020, work with UW-Madison to complete an energy audit of Wood County facilities.
 - d. Using the energy audit results, prioritize energy efficiency and renewable energy strategies.
 - e. By July 1, 2020, establish a plan to monitor the County's consumption of electricity, natural gas, liquid propane, and vehicle fuels.
 - f. By December 31, 2020, outline the steps needed to achieve a feasible level of energy independence. Include benchmarks.

Adopt renewable energy policies and practices as part of a strategy to meet future energy needs.

1. Take advantage of opportunities as they arise.
 - a. By October 31, 2019, achieve SolSmart Gold level designation for Wood County.

- i. Identify the SolSmart initiatives that should be continued or pursued by the County over the long term.
 - b. Monitor and emulate best practices as exemplified by other counties in the state and nation.
 - c. Stay informed on funding and incentive program opportunities and timelines for energy efficiencies and renewable energy.
 - i. Utilize experienced grant writers to pursue funding available from utilities, government agencies, and private foundations.
 - ii. Use experienced grant writers to apply for programs.
 - d. Ensure the continuation of the County's Renewable and Sustainable Committee.
 - e. Continue to invest in renewable energy for Wood County properties. If possible, identify a long-term funding stream such as a portion of funds received by renewable energy developments.
- 2. Identify and take steps to remove barriers to development of renewable energy.
 - a. Maintain updated permitting list for interested property owners.
 - b. Provide guidance to Wood County municipalities interested in reducing barriers to local renewable energy installations.
 - c. Assist to the extent possible, the location of renewable energy production facilities.
 - d. Maintain County energy webpages.
<https://www.co.wood.wi.us/Departments/UWEX/Energy.aspx>
- 3. Utilize sustainability and local renewable energy independence as tools to enhance economic stability and quality of life in the County.
 - a. When feasible, enhance renewable energy workforce development by partnering with Mid-State Technical College renewable energy program and their students.
 - b. Publicize county efforts associated with energy efficiencies and renewable energy to attract new residents and businesses.
 - c. Set standards for land management practices within solar developments that are beneficial to water resources in Wood County such as pollinator habitat, perennial cover, etc.

ENERGY EFFICIENCY & RENEWABLE ENERGY RESOURCES

FOR STATE & LOCAL LEADERS



SUMMER 2019

U.S. DEPARTMENT OF
ENERGY

Office of ENERGY EFFICIENCY
& RENEWABLE ENERGY

Energy efficiency and renewable energy are a win-win for state and local governments and K-12 schools.

Investments in energy efficiency and renewable energy technologies and infrastructure help create vibrant and healthy communities; provide a secure, reliable source of energy for homes and businesses; and produce well-paying local jobs. As key decision makers for American energy investments, state and local governments are valued partners to the U.S. Department of Energy (DOE). Energy innovations at the state and local level help power the nation's economy.

The Weatherization and Intergovernmental Programs Office (WIP) is part of DOE's **Office of Energy Efficiency and Renewable Energy (EERE)** and supports DOE's mission to create greater energy affordability, security, and resiliency. WIP's mission is to **enable strategic investments** in energy efficiency and renewable energy technologies using innovative practices across the United States in partnership with a wide range of stakeholders, including state and local organizations and community-based nonprofits. WIP supports DOE's strategic objective **to lower energy bills while expanding cost-effective energy choices** for all Americans through the Weatherization Assistance Program (WAP) and State Energy Program (SEP). For example:

- WAP has weatherized more than **7 million homes** and **annually supports 8,500 jobs** across the country. Through these weatherization improvements, households save an average of \$283 every year.
- States use SEP funds to implement their energy security, economic development, resiliency, and emergency preparedness plans. Since 2010, SEP has supported states in **reducing energy waste** in more than 38,800 public buildings (181 million square feet) through energy efficiency upgrades.

WIP also helps state and local governments meet their energy goals by **developing tools and solutions** to barriers; convening and creating peer exchanges to showcase public-sector leadership and effective private-public partnerships; and providing information from leading technical experts.

State and Local Leaders successfully leveraged resources to

ACHIEVE OVER
\$2 BILLION

IN PUBLIC-SECTOR ENERGY
EFFICIENCY INVESTMENTS VIA

**ENERGY SAVINGS PERFORMANCE
CONTRACTING (ESPC)**

COMMIT UP TO
\$335 MILLION

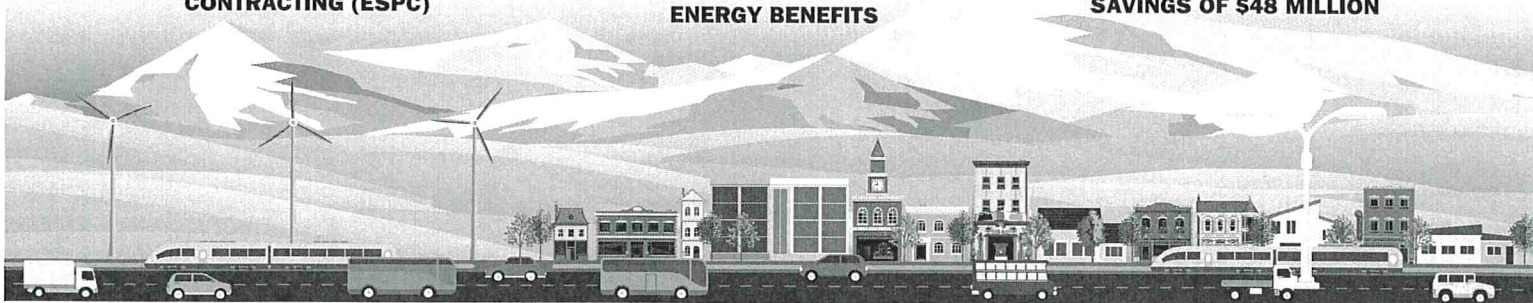
TO HELP LOW-INCOME HOUSEHOLDS
ACCESS ENERGY EFFICIENCY AND
RENEWABLE
ENERGY BENEFITS

ACHIEVE A COMMITMENT TO
UPGRADE

1.3 MILLION

STREET LIGHTS

**WITH AN EXPECTED ANNUAL
SAVINGS OF \$48 MILLION**



**Learn more:
ESPC Toolkit**

New Resource: Evaluating Results:
Three ESPC Measurement and
Verification Resources



**Learn more: Clean Energy for
Low Income Communities
Accelerator Toolkit**

New Resource: Reducing Energy
Burden for Low Income Residents in
Multifamily Housing with Solar Energy



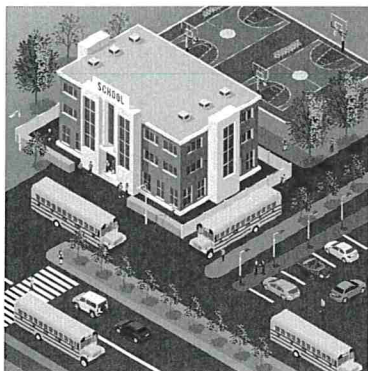
**Learn more:
Outdoor Lighting Toolkit**

New Resource: Street Lighting
Acquisition Evaluation Tool

Visit the State and Local Solution Center to find resources with valuable lessons learned and replicable solutions.

energy.gov/EERE/SLSC

Take A Closer Look



Benchmarking Building Energy Use

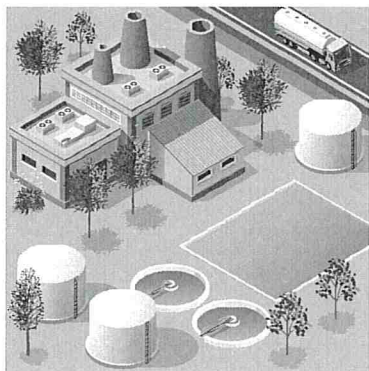
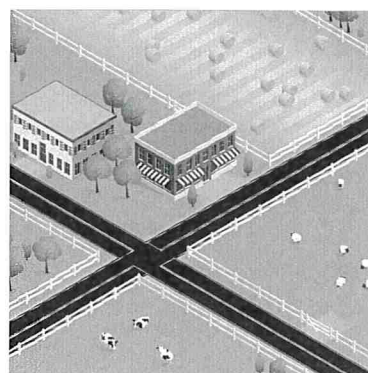
- Benchmarked buildings achieve average energy savings of 2.4% annually. Over 10 years, this results in cumulative energy savings of more than 20%
- **Potential energy cost savings for state and local governments are more than \$700 million per year**

Learn more and find resources: energy.gov/eere/slsc/benchmarking

Assisting Rural Communities

- Rural households spend on average 23% more annually than urban households on residential energy
- **Energy efficiency and distributed energy resources can reduce rural energy burden**

Learn more and find resources: energy.gov/eere/slsc/rural-resources



Supporting Sustainable Wastewater Infrastructure

- Water and wastewater treatment operating costs typically account for 30%-40% of annual municipal energy budgets
- **Upgrade projects in wastewater treatment facilities can reduce total facility energy consumption by up to 50%**

Learn more and find resources: energy.gov/eere/slsc/wastewater-infrastructure

WIP Project Map

This interactive project map allows users to click each state and open a new web page summarizing that state's SEP and WAP projects, recently published WIP success stories, and state-related Better Buildings initiatives.

Learn more and find resources: energy.gov/eere/wipo/weatherization-and-intergovernmental-program-office-projects-map

C-PACE Working Group

DOE is partnering with states, local governments, and market partners to improve access to Commercial Property Assessed Clean Energy (C-PACE) financing and drive \$60 million in investment for building energy improvements by 2022. The working group web page includes a Year in Review summary. Learn more and find resources: energy.gov/eere/slsc/commercial-pace-working-group

Keep the Conversation Going

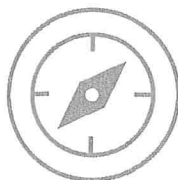
Subscribe to Updates: energy.gov/eere/slsc/subscribe

Explore Resources: energy.gov/eere/slsc/explore

Contact Us: stateandlocal@ee.doe.gov

Take Action

The State and Local Solution Center provides resources to support the energy priorities of states, local governments, and K-12 school districts. These resources, along with WIP activities, produce almost immediate results, saving taxpayer dollars, making full use of domestic energy resources, boosting local economic development, cutting energy waste, improving energy independence and security, and furthering the development of energy infrastructure. The resources are organized into four lead-by-example actions public sector leaders can take:



Develop an Energy Plan

The development of a long-term energy plan is a foundational step for establishing and meeting state and local energy objectives. Effective planning enables energy performance improvements, cost savings, job growth, and public health benefits for all.

Resources include:

- **Highlights of State and Local Planning for Energy Efficiency and Renewable Energy** – Features state and local government planning efforts that showcase model energy efficiency, renewable energy, and sustainable transportation technologies, along with promising practices across jurisdictions.
- **Low-Income Energy Affordability Data Tool** – Assists communities in program planning and making better energy policy decisions by improving their understanding of low-income household characteristics. It provides interactive state-, city-, and county-level graphs and data on low-income housing characteristics, fuel type, and average energy expenditure and burden.
- **Guide for Incorporating Energy Efficiency in State Energy Plans** – Provides guidance for incorporating energy efficiency into state plans and offers tips and examples at each stage in the energy-planning process. The Guide complements the National Association of State Energy Officials (NASEO) State Energy Planning Guidelines.
- **State-by-State Energy Efficiency Potential** – Shows economic energy efficiency potential in residential, commercial, and industrial buildings, plus a catalog of state and utility energy efficiency potential studies.



Design and Implement Energy Programs

State and local governments are uniquely positioned to identify and achieve their energy efficiency and renewable energy goals through programs leveraging their roles as both governing bodies and owners of facilities and infrastructure.

Resources include:

- **Energy Efficiency and Renewable Energy Resources for Rural K-12 School Energy Managers and Educators** – Provides resources and some best practices that can help rural states, local school administrators, school boards, and facilities personnel make prudent decisions regarding the use of operating funds, capital budgets, and other financing mechanisms for energy efficiency improvements as part of their master facilities management plan.
- **Low-Income Energy Burden Resource Summary** – Highlights important differences between electricity prices and energy burden, or the share of a household's income that is spent on energy, and how energy efficiency measures hold potential to reduce energy burden by eliminating energy waste in low-income households.
- **State Energy Program Implementation Models** – Describes state approaches to overcoming an energy barrier. Implementation models serve as “how-to” guides for other states who wish to replicate programs that are achieving energy efficiency savings.
- **Remote Alaskan Communities Energy Efficiency (RACEE) Competition** – Empowers remote Alaskan communities to develop reliable, affordable, and replicable solutions using energy efficiency and renewable energy technologies.

STATE AND LOCAL SOLUTION CENTER: energy.gov/eere/slsc/popular-tools-and-resources



Pay For Energy Initiatives

An important component of a successful strategy is finding a way to pay for energy initiatives. Many state and local governments have found ways to use both innovative financing mechanisms and traditional finance tools to support their energy goals. Some mechanisms include bonding tools, loans, Energy Savings Performance Contracting (ESPC), Property Assessed Clean Energy (PACE), and on-bill financing.

Resources include:

- **Commercial PACE Financing and the Special Assessment Process: Understanding Roles and Managing Risks for Local Governments** – Addresses barriers facing local governments uncertain about creating or joining a commercial PACE program. The issue brief discusses division of responsibilities among local governments and third-party partners, as well as potential risks associated with commercial PACE programs and strategies for risk management.
- **Expanding ESPC to New Markets** – Introduces ESPC through a series of sector specific guides to increase energy efficiency and upgrade facilities in certain market sectors. Sector guides are available for K-12 schools, fleets and fueling infrastructure, and wastewater treatment facilities. Upcoming guides will address small projects, multifamily public housing, and hospitals.
- **Low-Income Energy Efficiency Financing Through On-Bill Tariffs** – Explains how utilities use on-bill tariffs to help all customers—including those with limited incomes—pay for energy efficiency improvements that save money and can be repaid over time on the utility bill for that meter.
- **Current Practices in Efficiency Financing: An Overview for State and Local Governments** – Presents guidance to state and local governments as they determine which financing programs best suit the needs of their communities.



Access and Use Energy Data

States, local governments, and school districts are using data-driven energy management to cut energy waste and realize associated cost savings. The average commercial building wastes 30% of the energy it consumes, so capturing even 20% of that wasted energy has the potential to save states and local governments nearly \$6 billion per year. Whether for a single building, campus, or across a portfolio of assets, effective energy management includes activities such as establishing an energy baseline, benchmarking, using energy data to identify savings opportunities, and measuring and verifying results.

Resources include:

- **Benchmarking and Transparency: Resources for State and Local Governments** – Provides state and local leaders with streamlined access to key existing resources for developing and implementing high-impact building energy benchmarking and transparency programs in their jurisdictions.
- **Energy Data Management Guide** – Presents a seven step framework for establishing a robust and sustainable energy data management program in the public sector—the foundation for strategic energy management.
- **Putting Data to Work** – Examines how data from building performance ordinances can deliver an array of benefits for local governments, energy efficiency service providers, utilities, and building owners.
- **Evaluation, Measurement, and Verification of Energy Data** – Offers a web portal that provides a variety of resources on evaluating the performance of energy efficiency activities.

Engaging with EERE

EERE's mission is to create and sustain American leadership in the transition to a global clean energy economy. Its vision is a strong and prosperous America powered by clean, affordable, and secure energy.

Examples of EERE initiatives and resources for state and local governments in the areas of energy efficiency, renewable energy, and sustainable transportation are shown below. To learn more, visit the State and Local Solution Center: energy.gov/eere/slsc/other-state-and-local-resources.

RENEWABLE POWER



SOLAR

SolSmart helps communities across the country become "open for solar businesses" through no-cost technical assistance and national recognition.



GEOTHERMAL

Regulatory and Permitting Information Desktop Toolkit is a suite of tools to facilitate efficient state and federal permitting of new geothermal, solar, and transmission projects.



WIND

WINDExchange provides resources to help communities weigh the benefits and costs of wind energy and get data, analysis tools, and information about each step in the wind energy development process.



WATER

Hydropower Vision is a first-of-its-kind comprehensive analysis to evaluate future pathways for hydropower in the United States. It is focused on continued technical evolution, increased energy market value, and environmental sustainability.

ENERGY-SAVING HOMES, BUILDINGS, & MANUFACTURING



GOVERNMENT

The WIP Project Map enables users to explore recent SEP and WAP projects, WIP success stories, and public-sector Better Buildings initiatives.



HOMES

Home Energy Score provides homeowners, homebuyers, and renters directly comparable and credible information about a home's estimated energy use. Like a miles-per-gallon rating for a car, the Home Energy Score is based on a standard assessment of energy-related assets to easily compare energy use across the housing market.



BUILDINGS

The Standard Energy Efficiency Data Platform streamlines the process for cities and states to manage and standardize portfolio-scale building energy and attribute data. Users can leverage, combine, clean, store, analyze, and share building performance, audit, and other relevant data using this open-source database.

The Zero Energy Schools Accelerator provides school districts with technical guidance and resources to help break down barriers to achieving zero net energy.



ADVANCED MANUFACTURING

The Industrial Assessment Centers Program provides small- and medium-sized manufacturers with no-cost energy assessments from local engineering universities, while also training the next generation of energy engineers.

SUSTAINABLE TRANSPORTATION



VEHICLES

Clean Cities coalitions bring together cities and other key stakeholders to drive the development and use of affordable domestic transportation fuels, technologies, and energy-efficient mobility solutions.



BIOENERGY

Integrated Biorefineries Interactive Map showcases biorefineries by state at pilot, demonstration, and pioneer scales.



HYDROGEN AND FUEL CELLS

H2@Scale is an initiative that brings together national labs and industry to enable large-scale hydrogen production, storage, and use across sectors.

EERE FUNDING opportunities are available at the EERE Exchange: eere-exchange.energy.gov.

For other federal funding opportunities, visit grants.gov.

BETTER BUILDINGS is a DOE initiative designed to improve the lives of the American people by driving leadership in energy innovation. Through Better Buildings, DOE partners with leaders in the public and private sectors to make the nation's homes, commercial buildings, and industrial plants more energy efficient by accelerating investment and sharing of successful best practices. For more information, visit betterbuildingsinitiative.energy.gov.

U.S. DEPARTMENT OF
ENERGY

Office of **ENERGY EFFICIENCY
& RENEWABLE ENERGY**

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