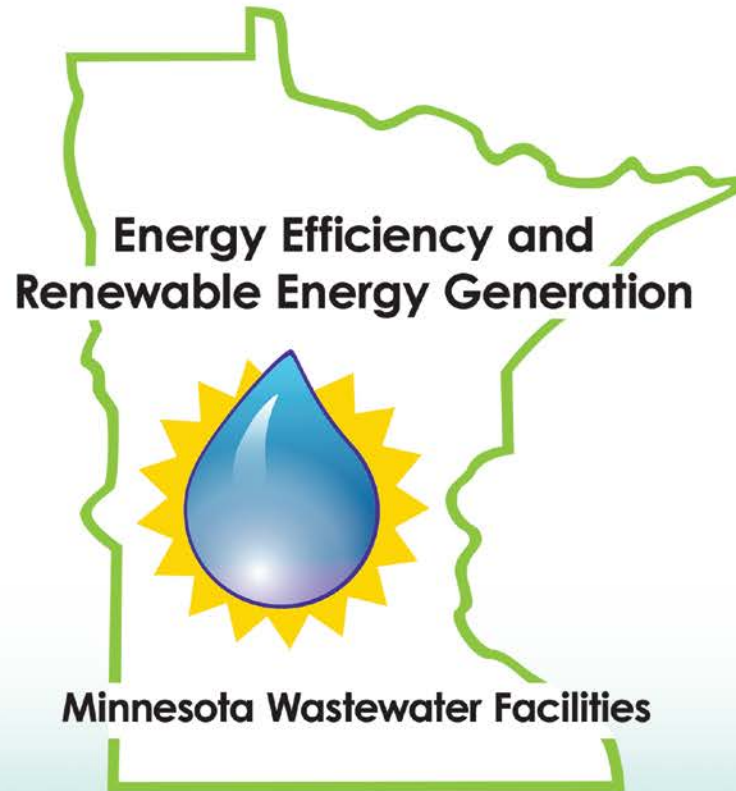


Financing Energy Efficiency and Renewable Energy at Minnesota Wastewater Treatment Plants

Welcome

GreenStep Cities Follow-up Session: January 13th, 2016





Agenda

2:00 – Welcome & Sign-in

2:15 – Case Study Presentations

- Marianne Bohren, Executive Director
 - *Western Lake Superior Sanitary District*
- Sara Smith, Sustainable Operations Manager
 - *Metropolitan Council Environmental Services*

3:15 - State Resources for Implementation and/or Financing EE/RE at WWTP

- Bill Dunn, Minnesota Pollution Control Agency, Clean Water Revolving Fund Administrator
- Becky Sabie, Minnesota Public Facilities Authority, Program Coordinator
 - *Clean Water Project Priority Listing, Financing, & Smaller Projects*
- Peter Berger, Department of Commerce, GESP Program Manager
 - *Guaranteed Energy Savings Program*
- Alex Cecchini, Department of Commerce, LEEP Program Manager
 - *Local Energy Efficiency Program*
- Peter Klein, St. Paul Port Authority, Vice President of Finance
 - *Energy Savings Partnership*
- Eric Rehm, Department of Commerce, Clean Energy Finance Manager
 - *Rev It Up*

4:15 - Question and Answer

4:30 - Conclude



Marianne Bohren is the Executive Director of Western Lake Superior Sanitary District. She provides strategic leadership in all aspects of the organization and is responsible for the operational, environmental and financial performance of the organization.

Marianne Bohren, Executive Director

WESTERN LAKE SUPERIOR SANITARY DISTRICT



Sara Smith works for the Metropolitan Council as the Sustainable Operations Manager for Environmental Services. She has a background in geology and environmental public policy. Sara works to help integrate environmental sustainability into the culture of Environmental Services. Amongst other things, she works to integrate and consider environmental sustainability in capital, maintenance, and operations projects and initiatives, help staff behave more environmentally sustainable in the work place, and assist the Council in advancing renewable energy in the region.

Sara Smith, Sustainable Operations Manager

METROPOLITAN COUNCIL

ENVIRONMENTAL SERVICES



Bill Dunn has been the MPCA's Clean Water Revolving Fund Coordinator for the past 12 years which has duties to establish an annual Project Priority List (PPL) that is used for state and federal funding awards. Financial assistance programs offer below-market rate interest loans, affordability grants and Clean Water Legacy pollutant-based grants.

Becky Sabie has worked with the Minnesota Public Facilities Authority (PFA) for 18 years. The PFA is an interagency financing authority that manages the Clean Water and Drinking Water State Revolving Funds and several other infrastructure financing programs. Ms. Sabie became the Program Coordinator for the PFA in 2013 and previously served as a senior loan officer. Prior to working with the PFA, Ms. Sabie worked with the Minnesota Small Cities Development Program during the first 10 years of her state service.

Bill Dunn, Clean Water Revolving Fund

Becky Sabie, PFA Program Coordinator

CLEAN WATER PROJECT PRIORITY LISTING, FINANCING, & SMALLER PROJECTS



Peter Berger is with the Minnesota Department of Commerce and is responsible for supporting state agencies, local units of government, school districts and institutions of higher education in the development, implementation and on-going measurement & verification of Energy Savings Performance Contracts. Peter has over 30 years of private sector experience in business development, marketing and management with some of the nation's prominent energy service companies.

Peter Berger, GESP Program Manager

GUARANTEED ENERGY SAVINGS PROGRAM (GESP)



Alex Cecchini is the Program Manager for the Local Energy Efficiency Program (LEEP) at the Department of Commerce. In the past year he has assisted in launching the Rev It Up Community Energy Efficiency and Renewable Energy Loan Program, assisted in clean energy economy programs, and is scheduled to release LEEP in the coming months. Previous to Commerce, Alex spent 7 years in the industrial process industry managing temperature products and the global service business. He has a background in marketing, product development, and mechanical engineering.

Alex Cecchini, LEEP Program Manager

LOCAL ENERGY EFFICIENCY PROGRAM (LEEP)



Peter Klein has issued over \$1 billion of bonds to finance projects for the expansion of private businesses, not-for-profits and public infrastructure during his time at the Port Authority.

He created and administers three State-wide energy financing programs:

- Trillion BTU
- PACE of Minnesota
- Energy Savings Partnership

He is assisting with the development of six biogas renewable energy projects throughout Minnesota. The first of these projects to be operational is in Becker at the Liberty Paper facility.

Peter Klein, SPPA Vice President of Finance

ENERGY SAVINGS PARTNERSHIP



Eric Rehm is Commerce's Energy Financing Programs Administrator, whose responsibilities include oversight of 12 clean energy financing programs, serving the residential, commercial business, and public sector markets. In this role, Eric works to leverage nearly \$24 million in credit enhancement funds, working with partners including the Minnesota Housing Finance Agency, the St. Paul Port Authority, the Center for Energy and Environment, and others to leverage additional private capital to expand access to low-cost capital to encourage cost-effective investment in energy efficiency and/or renewable energy projects.

Eric Rehm, Clean Energy Finance Manager

REV IT UP

Thank You!

Questions? Adam.zoet@state.mn.us or (651) 539-1798

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