LEEP – Local Energy Efficiency Program

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LEEP – Local Energy Efficiency Program

- Commerce program enabling Energy Studies to be used in cost-effective energy-savings projects
- Pre-qualified firms, standard documents & contracts, Supplemental Cash Flow Agreement
- Project Design & Implementation handled by LUG
- St Paul Port Authority provides financing agreements for LEEP participants through Energy Savings Partnership
LEEP + WWTF Hypothetical Project

- 20-30 year-old facility
- ~$50-70k per year energy costs
- ~50% energy spent on aeration
- Outdated, inefficient equipment
LEEP + WWTF – Project Intake

- General Commerce intake process
- Calls & emails to review site information utility data, past improvements to facilities, etc
- Determine if site is viable for LEEP or a better fit for other Commerce programs
• Sign Joint Powers Agreement
• LUG issues Site-Specific RFP to pre-qualified Providers
• Interested Providers perform site walk-through & submit response to SSRFP
• LUG uses Commerce-provided tools to evaluate & select a Provider to perform Investment Grade Audit
LEEP + WWTF – Investigation

- Provider completes a Preliminary Assessment & Analysis, recommends which ECMs to evaluate in detail
- Provider completes a full Detailed Investment Grade Audit and provides a report with cost and savings estimates
- Commerce reviews IGA with LUG
LEEP + WWTF – Investigation

Potential Findings:

- VFD & control system
- Building & lighting improvements
- ~$150,000 project cost with 5-7 year payback
- Longer-term payback ECMs or Renewable investments may also be possible
LEEP + WWTF – Design & Bids

- LUG contracts out engineering design work using standard procurement practices
- With design & drawings in-hand, LUG solicits construction bids
- Both happen outside the LEEP scope
LEEP + WWTF – Finance & Implementation

- LUG may independently finance a project, or seek financing through Commerce and the St Paul Port Authority
  - Peter Klein at SPPA manages ESP
- LUG implements project with contractor using standard practices
LEEP + WWTF – Operation

- LUG performs Provider Review to help improve future LEEP projects
- Supplemental Cash Flow Agreement
  - Optional savings shortfall loan program for LEEP participants
  - LUG agrees to perform M&V
  - 15-year, low-interest loan in the event of an annual savings shortfall
LEEP Launch Timeline

• RFP for Master Contract participants to release **February 1**
• Two-month response timeframe
• Master Contract negotiations mid-April
• Site-Specific RFPs at LUGs may begin after Master Contract signed

• **LUGs interested in LEEP should begin intake with Commerce in coming months**
Questions?

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