

REVOLVING ENERGY FUNDS

James Gudjonson



OVERVIEW

- **WHAT IS A REVOLVING ENERGY FUND- HOW DOES IT WORK?**
- **GETTING STARTED – SEED MONEY**
- **ACCOUNTING**
- **MONITORING & VERIFYING YOUR SAVINGS
(establishing credibility)**
- **RESOURCES**

REVOLVING ENERGY FUNDS

- THE \$ SAVINGS FROM ENERGY CONSERVATION PROJECTS FUND NEW ENERGY CONSERVATION PROJECTS
- THE REF GROWS EACH YEARS AS THE \$ SAVINGS ARE ADDED TO THE FUND

YEAR	2011	2012	2013	Totals
\$ PROJECTS (yearly value)	\$1.2 M (seed)	\$176,000	\$224,000	\$286,000
\$ SAVINGS	\$176,000	\$48,000	\$62,000	
% RETURN	14.7 %	27.3%	27.7%	23 % (average)
REF TOTAL \$	\$176,000	\$224,000	\$286,000	\$686,000
\$ TOTAL PROJECTS	1.2 M	1.38 M	\$166.2 M	\$1.95 M

SEED MONEY

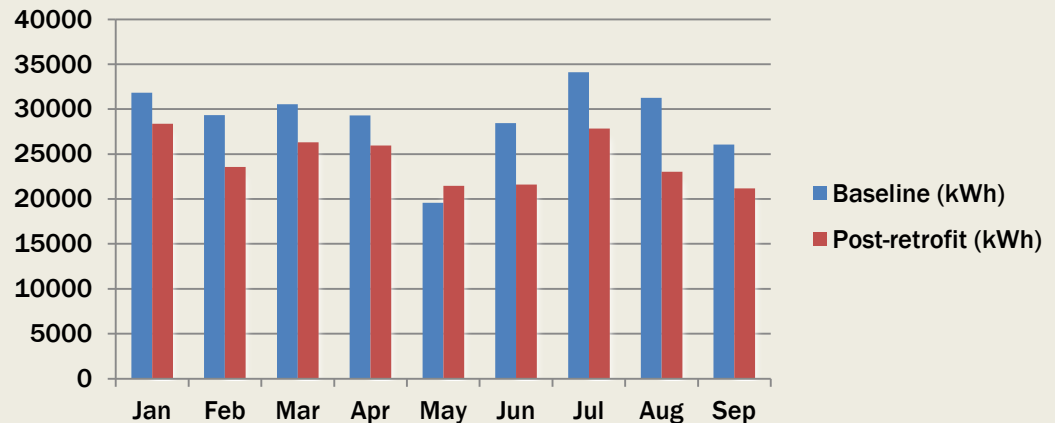
- USE A LARGER ENERGY CONSERVATION PROJECT AS THE SEED FUNDING TO ESTABLISH THE
- A DESIGNATED AMOUNT TO ESTABLISH FUND FOR EXAMPLE , \$250k PER YEAR OVER 4 YEARS
- START SMALL – EVERY PROJECT CONTRIBUTES TO FUND

ACCOUNTING

- SAVINGS ARE CALCULATED AND THEN DRAWN FROM SURPLUS ACCOUNTS – TRANSFERRED TO SPECIAL PURPOSE ACCOUNT – (NOT TIED TO FISCAL CYCLE)
- UTILITY BUDGET IS ANNUALIZED AND UNSPENT DOLLARS RETURN TO THE HOUSE
- UNSPENT DOLLARS GO TO THE YEAR END ALLOCATION, AND A CALL FOR PROPOSALS FOR 1-TIME FUNDING IS ISSUED

MONITORING & VERIFICATION PROVE SAVINGS (CREDIBILITY)

- **Option (A) Retrofit Isolation: Key Parameter Measurement** - a lighting retrofit, where the power drawn can be monitored and hours of operation can be estimated.
- **Option (B) Retrofit Isolation: All Parameter Measurement** - lighting retrofit where both power drawn and hours of operation are recorded
- **Option (C) Whole Facility** - several ECMs have been implemented



RESOURCES

- <http://greenbillion.org/>