

## Project Details

Project Name	Example Property
Project Address	123 E West St. Grants Pass, OR
Contact	John Doe

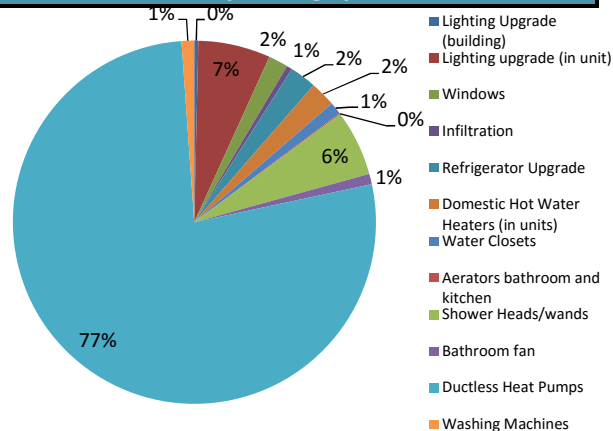
Project Sponsor	Affordable Housing 4 All
Number of Units	124
Square Feet	88,000
Date	8/5/2016

## MPower Efficiency Scope

Efficiency Measure	Detailed Description	Estimated Cost	Est Energy Savings/Yr	Est Water & Sewer Savings	Total Est Utility Savings/Yr
Lighting Upgrade (building)	Replace site lighting and wall packs with energy efficient	\$ 70,627	\$ 110	\$ -	\$ 110
Lighting upgrade (in unit)	Replace existing incandescent lights with LED lamps.	\$ 29,029	\$ 1,989	\$ -	\$ 1,989
Windows	Install existing vinyl windows with replacement vinyl windows with a 0.30 U value, or lower.	\$ 73,134	\$ 533	\$ -	\$ 533
Infiltration	Replace existing entry doors.	\$ 83,269	\$ 152	\$ -	\$ 152
Refrigerator Upgrade	Replace 118 refrigerators with ENERGY STAR rated appliances.	\$ 73,160	\$ 741	\$ -	\$ 741
Domestic Hot Water Heaters (in units)	Replace 124 WHs with EF 0.94 or greater and minimum 20 year tank warranty. Or, 93% efficiency.	\$ 80,600	\$ 691	\$ -	\$ 691
Water Closets	Replace 124 toilets with 1.28gpf toilets.	\$ 27,528	\$ -	\$ 335	\$ 335
Aerators bathroom and kitchen	Replace 248 kitchen and bathroom faucet aerators with 1.5 and 1.0gpm, respectively.	\$ 1,200	\$ 3	\$ 37	\$ 39
Shower Heads/wands	Replace 16 shower heads with 1.5gpm.	\$ 3,000	\$ 635	\$ 1,172	\$ 1,806
Bathroom fan	Replace 56 existing bath fans heat lamps with Panasonic	\$ 42,230	\$ 284	\$ -	\$ 284
Ductless Heat Pumps	Remove two Cadet heaters from each unit (dining room and	\$ 341,613	\$ 23,846	\$ -	\$ 23,846
Washing Machines Common	Replace two existing washing machines with new appliances meeting MEF 2.0 or greater; WF 6.0 or lower	\$ 11,900	\$ 340	\$ 10	\$ 350

Total \$ 837,290 \$ 29,324 \$ 1,553 \$ 30,877

## Total Utility Savings per Measure



**31**  
Carbon equivalent to taking 20 cars off the road/year.  
MTCO2/Yr: 381,827

**\$ 30877**

Dollars wasted each year the project is delayed

## Savings Opportunity

Owner's Annual Savings/Unit	\$ 16
Tenants' Annual Savings/Unit	\$ 233

Total Utility Savings: **40%**

## MPower Process



\* All savings and cost estimates are gross projections and are only intended as a guide to assist building owners and managers in deciding whether to pursue an MPower efficiency retrofit. MPower does not guaranty any specific utility savings through its assistance or financing program. Installation work is done by independent businesses that are solely responsible for the quality and performance of their installations. The financing terms contained in this project overview are for evaluative purposes only and do not constitute a promise to lend or grant funds.