

Leading Multi-Family Developer Achieves Penalty Reduction Through Data Analysis & Audits

The owner of a large multi-family real estate portfolio needed help organizing their energy usage and emissions data. This allowed them to prioritize projects that resulted in energy savings and reduced regulatory compliance penalties.



10-Site Pilot with Leading Multi-Family Developer

- Conducted data analysis and building audits for sites most at-risk of compliance penalties
- Worked across the developer’s capital planning, sustainability and redevelopment groups to deliver projects that meet internal criteria
- Developed actionable energy project proposals for every site

Analysis of energy conservation measures to reduce carbon and penalties

ECM#	ECM	Estimated Annual Electricity Savings (kWh)	Estimated Annual Gas Savings (Therms)	Estimated Annual Energy Savings	Fine Avoidance	Capital ROM Pricing	Estimated Rebates	Payback Incl. Fines & Rebates (Years)
1	LED Lighting Upgrade	10,880		\$2,796	\$843	\$9,700	\$2,40	1.9
2	New DHW Heaters		2,806	\$4,563	\$4,403	\$60,800	\$7,560	5.9
3	New Heat Pump Rooftop Units	27,727	8,136	\$6,103	\$10,618	\$92,200	\$46,100	2.8
4	Pipe & Duct Insulation		27	\$44	\$42	\$300	\$16	3.3
5	Boiler Economizer		12,219	\$19,868	\$19,171	\$117,600		3.0
	TOTALS	(16,847)	23,188	\$35,077	\$35,077	\$280,600	\$56,316	3.3

Maximum Fine Potential: **\$53,332**