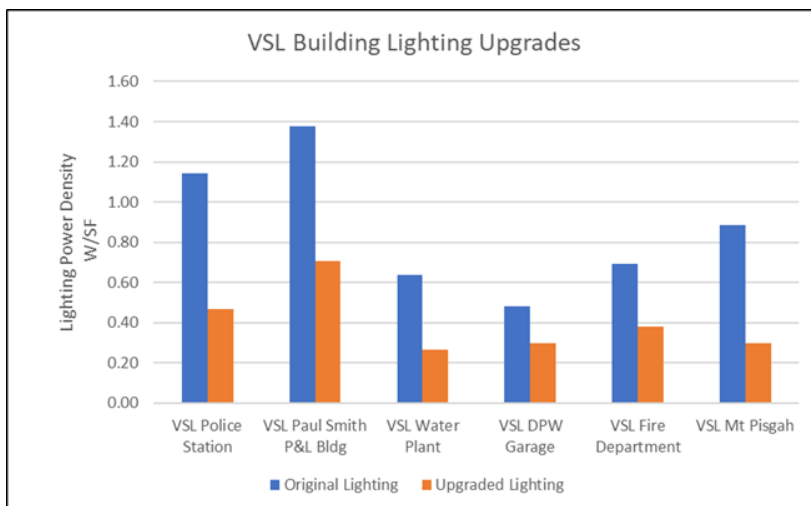


### PE 3 Action: Interior Lighting Upgrades for Local Government Buildings

The Village of Saranac Lake completed Interior Lighting Upgrades in the majority of Local Government Buildings.

1. Total building square footage of the local government’s entire building portfolio = 64,330 square feet
2. 84 percent of building square footage was updated with lighting fixtures that exceed ASHRAE 90.1 by more than three percent
3. Location: the buildings in which the lighting was installed are shown in the table below
4. Installation date: the updated lighting was installed in 2017
5. Efficiency: LED lighting was installed in the buildings that were updated. Based on the ASHRAE 90.1 allowable Lighting Power Density for each building type, the installed lighting is more efficient than ASHRAE 90.1 by significantly more than three percent

Building ID	Street Address	Bldg Type	Bldg Area - square feet	LED lighting upgrade SF of floor area	Install Date - Year	Upgraded lighting Watts	Upgraded Lighting Power Density W/SF	ASHRAE 90.1 2013 allowed LPD x 0.97	Meets CSC reqmts Y / N
VSL Police Station	1 Main St. Saranac Lake NY	Police Dept	2600	2600	2017	1220	0.47	0.84	Yes
VSL Paul Smith P&L Bldg	3 Main Street Saranac Lake NY	Office	8190	8190	2018	5780	0.71	0.80	Yes
VSL Water Plant	17 Main Street Saranac Lake NY	Services - public works	3840	3840	2017	1020	0.27	0.65	Yes
VSL DPW Garage	95 Van Buren St Saranac lake NY	Services - public works	27000	27000	2017	8020	0.30	0.65	Yes
VSL Fire Department	100 Broadway Saranac Lake NY	Fire Department	10500	10500	2017	4000	0.38	0.65	Yes
VSL Mt Pisgah	92 Mt Pisgah Lane Saranac Lake NY	Recreation	4800	4800	2017	1430	0.30	0.81	Yes
VSL Wastewater Treatment	Bloomingsdale Rd Saranac Lake NY	Wastewater Treatment	10000	0	NA				
<b>Total SF</b>			<b>64330</b>	<b>54330</b>		Percent:	84%		



The Lighting Upgrades that were completed in the Village of Saranac Lake Government Buildings replaced outdated fluorescent fixtures with current LED technology. ASHRAE 90.1 is based on the Lighting Power Density (LPD) for each building type. The allowable LPD for CSC = 0.73. The actual average installed LPD = 0.40

The Lighting Upgrades reduced the lighting energy cost for these Government Buildings by about 50 percent.