

Wayland Solar Project – Sensitivity Analysis

Scenarios		1st Year Eversource Credit Rate (\$/kWh)	1st Year Solar PPA Price (\$/kWh)	Town's Estimated Benefits	
				<u>1st Year</u>	<u>Possible 20 year</u>
A.	<u>Ameresco Base Case:</u> Eversource assigns B5 rate for net metering credits. Rate includes this winter's generation cost spike. Town has net benefits every year.	\$0.25	\$0.15	\$180,000	\$4,200,000
B.	<u>Town Base Case:</u> (from Town's consultant: Peregrine Energy Group). Eversource's credit rate excludes this winter's generation cost spike. Town has net benefits every year.	\$0.22	\$0.15	\$140,000	\$3,300,000
C.	<u>Generation Cost Decline:</u> Generation cost portion of Eversource rate has to fall 85% to eliminate electricity savings in first year. Town has net benefits every year. In 1st year, Town only gets property taxes, thereafter gets taxes and electricity savings.	\$0.15	\$0.15	\$30,000	\$700,000

Notes:

Town's estimated benefits include utility bill savings and property tax payments.

Solar PPA rate to increase 2% per year. Scenarios assume Eversource's credit rate increases at same rate.