



Town of North Hampton Solar

Rooftop Solar PPA Proposal for New Library

Assuming 18% ↑ in Eversource T&D rates & System Benefits Charge

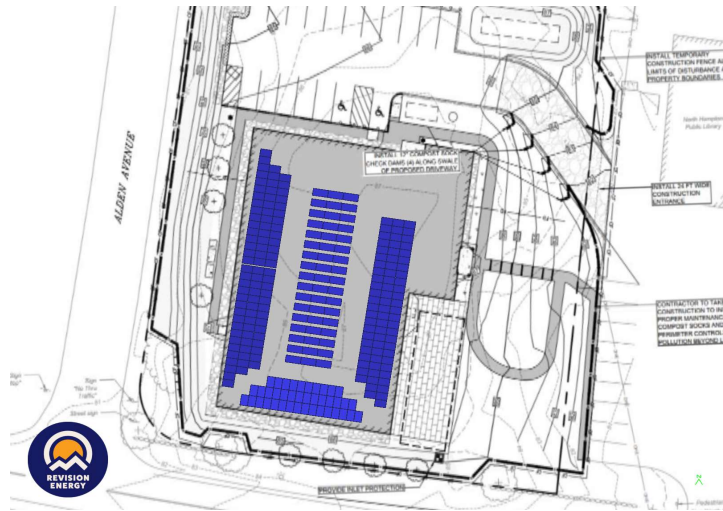
Solar Design Summary

Project size (DC)	254 Panels	86.40
Project size (AC)	5 Inverters	72.00
Year 1 generation (kWh)		95,159

PPA Financial Summary

Upfront cost to Town of North Hampton	\$0.00
O&M cost to Town of North Hampton	\$0.00
Year 1 PPA rate (per kWh)	\$0.1100
PPA rate escalator starting year 2	2.0%
Standard PPA term	5-25 Years
Year 6 early buyout price (optional)	\$119,689
Upfront cost financed by investor	\$188,784
<i>Investor applies federal/state incentives to lower PPA rate</i>	

Engineer's Rendering



239 Atlantic Ave. (2019 Satellite Data)

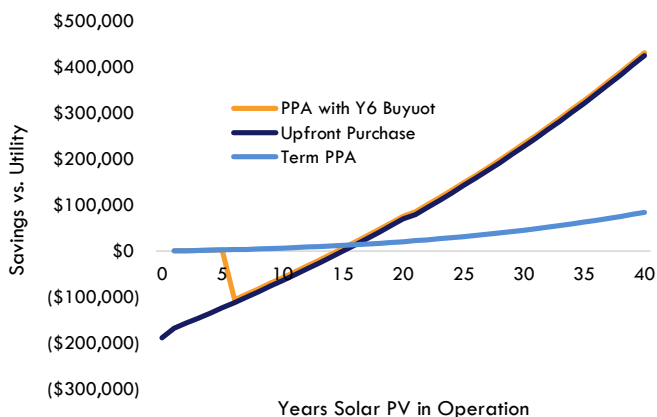
PPA Project Savings/Revenue

Estimated savings years 1-5 under PPA	\$2,290
Year 6 buyout (optional) less savings	\$117,399
O&M cost after buyout (optional)	\$878
25-year savings, no buyout (term PPA)	\$31,000
25-Year net savings with Y6 buyout	\$148,000
40-Year net savings with Y6 buyout	\$430,000

Environmental Benefits

Annual CO2e offset (lbs)	100,678
<i>Equivalent to...</i>	
Gallons of gasoline not burned	5,137
Passenger cars removed from the road	10
Gallons of propane not burned	7,930
Pounds of coal not burned	1,099

Sample Solar Savings vs. Utility



Levelized Cost of Energy

