



Town of Chester PV Solar

Preliminary PPA Proposal for Town of Chester PV

Preliminary proposal date

June 1, 2022

Solar Design Summary

Project Size (DC)	292 Panels	140.16 kW
Project Size (AC)	2 Inverters	100 kW
Year 1 Generation (kWh)		174,429

PPA Financial Summary

Upfront cost to Town of Chester PV	\$0.00
O&M cost to Town of Chester PV	\$0.00
Year 1 PPA rate (per kWh)	\$0.1120
PPA rate escalator starting year 2	2.0%
PPA term (minimum 5 years)	5-25 years
Year 6 early buyout estimate (optional)	\$249,386
Upfront cost financed by investor partner	\$395,851

PPA rate offer good for 30 days from date above

Engineer's Rendering: Ground



84 Chester St, Chester, NH 03036 (Satellite Data)

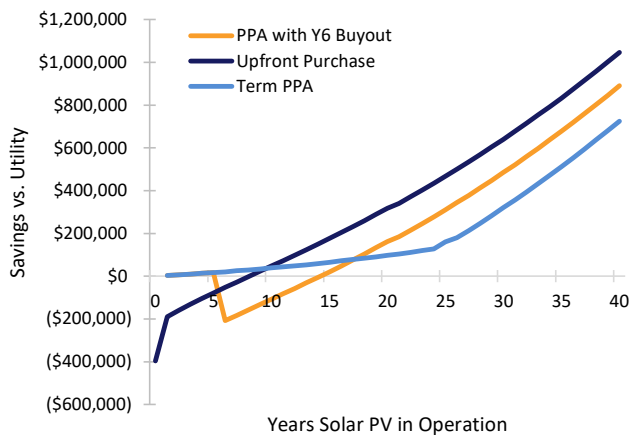
PPA Project Savings/Revenue

Estimated savings years 1-5 under PPA	\$17,000
Year 6 early buyout estimate (optional)	\$232,386
O&M cost after buyout (per year, optional)	\$1,524
Term PPA savings, no buyout	\$160,000
25-Year net savings with year 6 buyout	\$311,000
40-Year net savings with year 6 buyout	\$890,000

Environmental Benefits

Annual CO2e offset (lbs)	170,940
Equivalent to...	
Gallons of gasoline not burned	8,725
Passenger cars removed from the road	17
Pounds of coal not burned	85,431
Tons of waste recycled	26

Solar Savings vs. Utility



Levelized Cost of Energy

