

Harford TER Solar Projects

Community Input Meeting

Harford County, Maryland
June 3, 2026



Purpose

- Introduce the Harford TER Solar Projects
- Provide information about the proposed community solar facilities
- Explain the local review and permitting process
- Listen to community feedback and answer questions

Agenda

- Maryland renewable energy goals
- Community Solar Overview
- Harford County Review Framework
- Project Overview & Site Design
- Q & A



Maryland's Energy Policy Objectives

- Diversify Maryland's energy supply
- Increase in-state electricity generation
- Reduce reliance on imported power
- Improve grid reliability and resilience
- Reduce greenhouse gas emissions
- Create opportunities for customer participation through community solar



What is Community Solar?



Community Solar Explained

- Community solar enables residents and businesses to realize economic benefits from solar energy without requiring on-site solar installations
- Energy output from the solar facility goes to the local distribution grid
- Electric utility provides bill credits for energy output, which residents and businesses can purchase at a discount and apply to their electricity bills

Key Benefits

- Opportunity for electric bill savings through program participation
- No rooftop installation required
- Accessible to renters and homeowners
- Expanded access to renewable energy resources
- Increase in property tax revenues
- Creates construction and maintenance jobs
- Increases reliability and resilience of electrical grid



Framework Established by the Renewable Energy Certainty Act (SB 931)

- Qualifying co-located community solar projects between 1 MW and 2 MW on the same or adjacent parcels, with a cumulative capacity not exceeding 5 MW, are subject to local review and approval by the county

Harford TER Solar Project

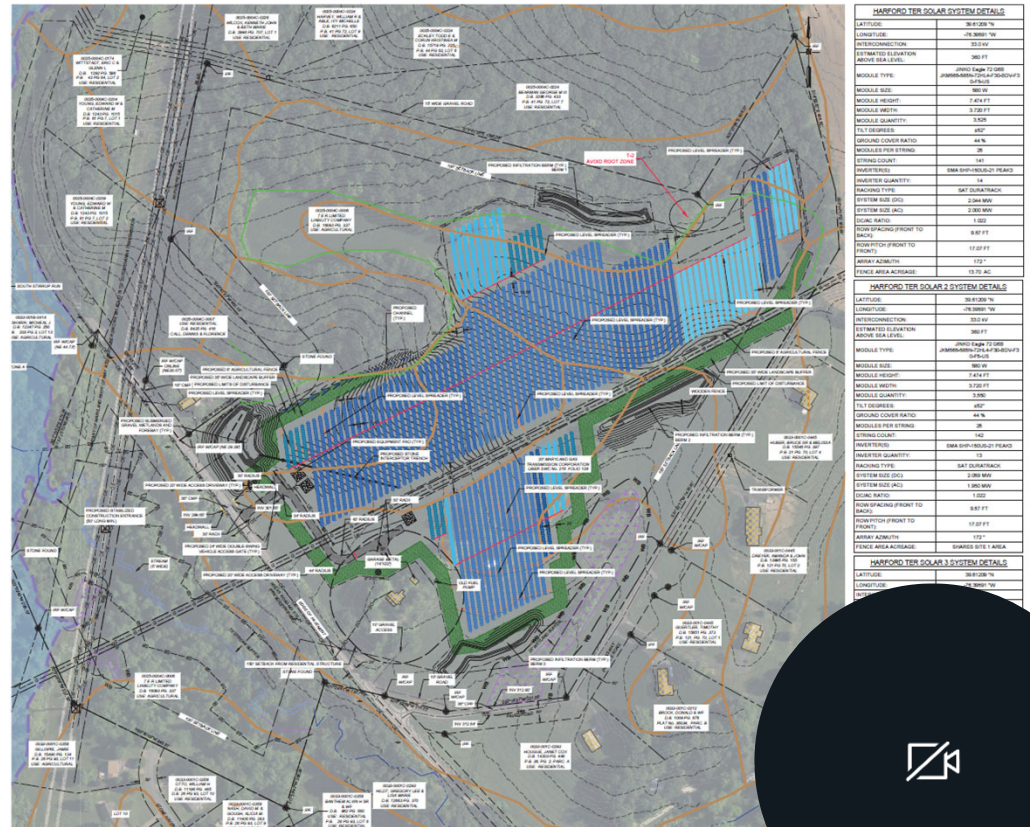
- Three individual community solar projects sized between 1 MW and 2 MW
- Cumulative generating capacity less than 5 MW
- Subject to applicable Harford County land use, development review, and permitting requirements
 - Environmental, stormwater management, sediment and erosion control, and other regulatory requirements



Project Details and Site Plan



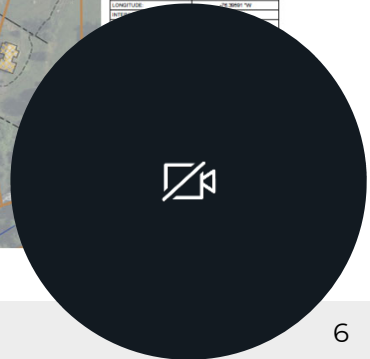
Facility	AC Capacity	Program	Utility	Expected Operation
Harford TER Solar	2.0 MW	Maryland Community Solar	BGE	Q1 2028
Harford TER Solar 2	1.95 MW	Maryland Community Solar	BGE	Q1 2028
Harford TER Solar 3	1.05 MW	Maryland Community Solar	BGE	Q1 2028



HARFORD TER SOLAR 1 SYSTEM DETAILS	
LATITUDE	39.2828 °N
LONGITUDE	-76.3860 °W
INTERCONNECTION	35.5 kV
ESTIMATED ELEVATION ABOVE SEA LEVEL	386.11'
MODULE TYPE	JSM60-T40-72-030
MODULE SIZE	960.39'
MODULE HEIGHT	1.424.51'
MODULE WIDTH	3.728.11'
MODULE QUANTITY	3,200
FILL COEFFICIENT	45%
GROUND COVER RATIO	44.4%
MODULES PER STRING	28
STRING COUNT	143
INVERTERS	EMA 50P-100KJ21-PEAK3
INVERTER QUANTITY	143
RACKING TYPE	SAT OVERTRACK
SYSTEM SIZE (DC)	2,000 MW
SYSTEM SIZE (AC)	2,000 MW
DC:AC RATIO	1.000
ROW SPACING (FRONT TO BACK)	9.87.11'
ROW SPACING (FRONT TO FRONT)	17.87.11'
ROW WIDTH	172.1'
FENCE AREA ACRES	19.70 AC

HARFORD TER SOLAR 2 SYSTEM DETAILS	
LATITUDE	39.2828 °N
LONGITUDE	-76.3860 °W
INTERCONNECTION	35.5 kV
ESTIMATED ELEVATION ABOVE SEA LEVEL	386.11'
MODULE TYPE	JSM60-T40-72-030
MODULE SIZE	960.39'
MODULE HEIGHT	1.424.51'
MODULE WIDTH	3.728.11'
MODULE QUANTITY	3,200
FILL COEFFICIENT	45%
GROUND COVER RATIO	44.4%
MODULES PER STRING	28
STRING COUNT	143
INVERTERS	EMA 50P-100KJ21-PEAK3
INVERTER QUANTITY	143
RACKING TYPE	SAT OVERTRACK
SYSTEM SIZE (DC)	2,000 MW
SYSTEM SIZE (AC)	2,000 MW
DC:AC RATIO	1.000
ROW SPACING (FRONT TO BACK)	9.87.11'
ROW SPACING (FRONT TO FRONT)	17.87.11'
ROW WIDTH	172.1'
FENCE AREA ACRES	19.70 AC

HARFORD TER SOLAR 3 SYSTEM DETAILS	
LATITUDE	39.2828 °N
LONGITUDE	-76.3860 °W
INTERCONNECTION	35.5 kV
ESTIMATED ELEVATION ABOVE SEA LEVEL	386.11'
MODULE TYPE	JSM60-T40-72-030
MODULE SIZE	960.39'
MODULE HEIGHT	1.424.51'
MODULE WIDTH	3.728.11'
MODULE QUANTITY	3,200
FILL COEFFICIENT	45%
GROUND COVER RATIO	44.4%
MODULES PER STRING	28
STRING COUNT	143
INVERTERS	EMA 50P-100KJ21-PEAK3
INVERTER QUANTITY	143
RACKING TYPE	SAT OVERTRACK
SYSTEM SIZE (DC)	2,000 MW
SYSTEM SIZE (AC)	2,000 MW
DC:AC RATIO	1.000
ROW SPACING (FRONT TO BACK)	9.87.11'
ROW SPACING (FRONT TO FRONT)	17.87.11'
ROW WIDTH	172.1'
FENCE AREA ACRES	19.70 AC



Questions?

