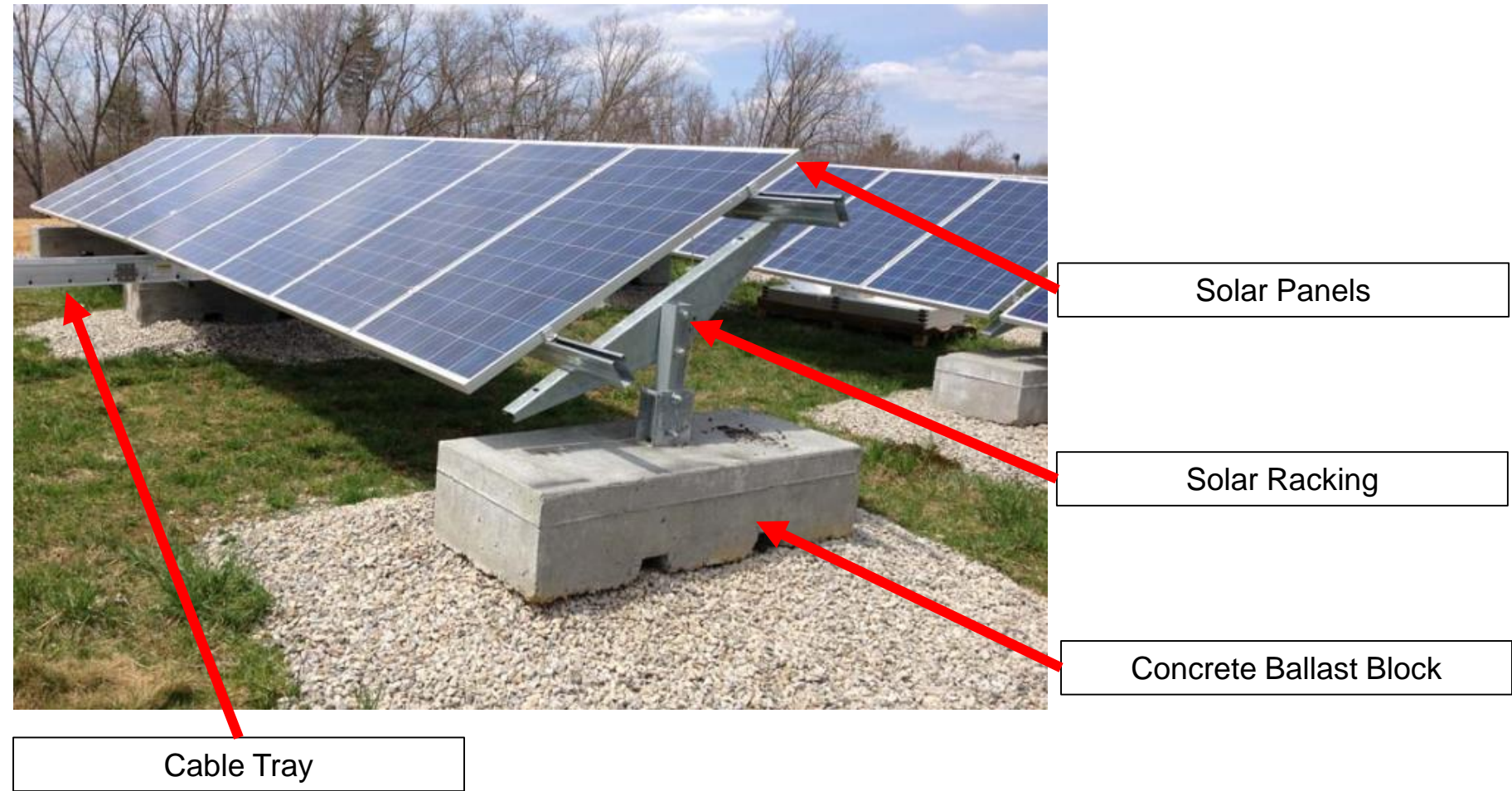




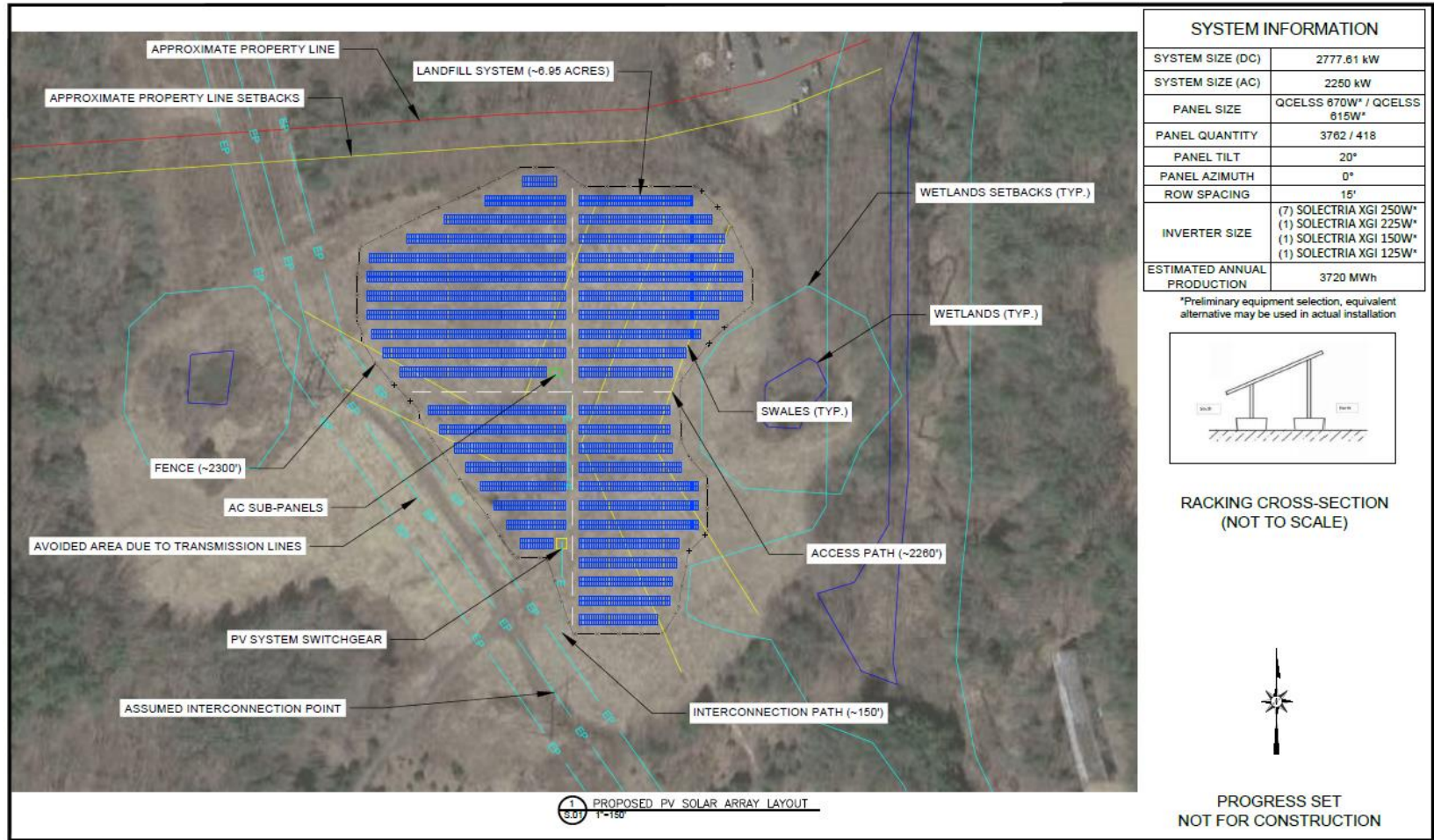
# East Granby Landfill Solar Presentation

1/10/2025

# Ballasted Solar Components

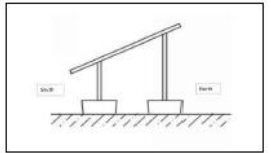


# East Granby Landfill Design



SYSTEM INFORMATION	
SYSTEM SIZE (DC)	2777.61 kW
SYSTEM SIZE (AC)	2250 kW
PANEL SIZE	QCELS5 070W* / QCELS5 815W*
PANEL QUANTITY	3762 / 418
PANEL TILT	20°
PANEL AZIMUTH	0°
ROW SPACING	15'
INVERTER SIZE	(7) SOLECTRIA XGI 250W* (1) SOLECTRIA XGI 225W* (1) SOLECTRIA XGI 150W* (1) SOLECTRIA XGI 125W*
ESTIMATED ANNUAL PRODUCTION	3720 MWh

\*Preliminary equipment selection, equivalent alternative may be used in actual installation



RACKING CROSS-SECTION (NOT TO SCALE)



PROGRESS SET  
NOT FOR CONSTRUCTION

<p>127 Washington Avenue North Haven, CT 06457 PH - 860.398.5408 FAX - 860.398.5423</p>	REVISIONS:		<p><b>PROPOSED SITE PLAN</b></p> <p><b>PV SOLAR ARRAY</b></p> <p><b>205 TURKEY HILLS ROAD</b></p> <p><b>EAST GRANBY, CT 06026</b></p>		BATCH NO.:	PROPOSAL	<p><b>PV.01</b></p>	
	NO.	DATE			DESCRIPTION	DRAWN BY:		AH
	SCALE:	AS NOTED						
	DATE:	20 DEC 2024						



# CT Solar Programs

## SCEF (Shared Clean Energy Facility)

- Applications are due on March 4<sup>th</sup>
- Solar power is sold to Eversource, who then will sell the power back to Low to Moderate Income (LMI) customers at a 10% discount
- Greenskies would retain 100% of the revenue sold to Eversource
- East Granby would receive a rental payment for granting GCE access to its land

## NRES (Non Residential Energy Solutions)

- Applications are due on March 17<sup>th</sup>
- Solar power is sold to Eversource
- System size must match the municipal energy demand in East Granby. GCE would need to review all town owned meters to make sure the size of the project is correct.
- Greenskies would retain 100% of the revenue sold to Eversource
- East Granby would receive a rental payment for granting GCE access to its land and meters
- Town owned meters can include, but not limited to Town Hall, Police Station, Community Center, Fire Dept., Library, Schools, Etc.

# Pricing

Lease pricing will change depending on which program the town would like to participate in.

Project Year	SCEF Lease	NRES Lease	NRES Revenue Share (No Lease)
1	\$ 80,000.00	\$ 100,000.00	\$ 104,160.00
2	\$ 80,000.00	\$ 100,000.00	\$ 103,639.20
3	\$ 80,000.00	\$ 100,000.00	\$ 103,121.00
4	\$ 80,000.00	\$ 100,000.00	\$ 102,605.40
5	\$ 80,000.00	\$ 100,000.00	\$ 102,092.37
6	\$ 80,000.00	\$ 100,000.00	\$ 101,581.91
7	\$ 80,000.00	\$ 100,000.00	\$ 101,074.00
8	\$ 80,000.00	\$ 100,000.00	\$ 100,568.63
9	\$ 80,000.00	\$ 100,000.00	\$ 100,065.79
10	\$ 80,000.00	\$ 100,000.00	\$ 99,565.46
11	\$ 80,000.00	\$ 100,000.00	\$ 99,067.63
12	\$ 80,000.00	\$ 100,000.00	\$ 98,572.29
13	\$ 80,000.00	\$ 100,000.00	\$ 98,079.43
14	\$ 80,000.00	\$ 100,000.00	\$ 97,589.03
15	\$ 80,000.00	\$ 100,000.00	\$ 97,101.09
16	\$ 80,000.00	\$ 100,000.00	\$ 96,615.58
17	\$ 80,000.00	\$ 100,000.00	\$ 96,132.51
18	\$ 80,000.00	\$ 100,000.00	\$ 95,651.84
19	\$ 80,000.00	\$ 100,000.00	\$ 95,173.58
20	\$ 80,000.00	\$ 100,000.00	\$ 94,697.72
<b>Total</b>	<b>\$1,600,000.00</b>	<b>\$2,000,000.00</b>	<b>\$ 1,987,154.47</b>

# Price Assumptions

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- 1.) Pricing seen on the previous page are net figures. If real estate or property taxes apply, the solar lease will need to decrease on a \$/\$ basis.
- 2.) East Granby has enough beneficial accounts (meters) to match the solar projects energy production
- 3.) Interconnection costs are unknown at this time but GCE has had preliminary discussions with Eversource and expect for the cost to lx to be \$350,000. If real lx costs come in higher then \$350k GCE will need to adjust the lease rate accordingly.
- 4.) After the initial 20 year lease terms, GCE may have the ability to extend the lease beyond 20 years.
- 5.) Pricing assumes the property qualifies as a landfill according to the IRS definition

# Next Steps

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- East Granby to determine which program it would like to submit into (SCEF vs NRES)
- Greenskies & East Granby work to execute a Letter of Intent or Lease Option Agreement
- Greenskies submit an Interconnection Application to Eversource to reserve a place in the electric grid
- Greenskies submit either a SCEF or NRES bid to the state of CT
- Late April/early May Eversource will release results