



OPINION OF PROBABLE DECOMMISSIONING COST
MOO COW SOLAR PROJECT
PREPARED 9/29/2025

DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT	UNIT RATE	TOTAL ESTIMATED COST (2025)	ADJUSTED ESTIMATED COST (After 35 Years)**	LOGIC
I. DISASSEMBLY & DISPOSAL						
1 PV Modules***	7,464	EA	\$ 5.14	\$ 38,374	\$ 91,069	*Use Crew A-5 + L-1 (2 Electricians; 1 Truck Driver; 1 Flatbed Truck) = \$2,056.48/day. Assumes 400 modules/day.
2 String Inverters***	28	EA	\$ 128.53	\$ 3,599	\$ 8,541	*Use Crew A-5 + L-1 (2 Electricians; 1 Truck Driver; 1 Flatbed Truck) = \$2,056.48/day. Assume crews can remove 16/day.
3 Transformers***	2	EA	\$ 2,428.88	\$ 4,858	\$ 11,528	*Use Crew A-5 + L1 + A-3I (2 Electricians; 1 Truck Driver; 1 Flatbed Truck, 1 Crane, 1 Crane Operator) = \$4,857.75/day. Assume crews can remove 2/day. 1 day of work assumed.
4 Racking Frame (Fixed Tilt System)***	551	EA	\$ 37.29	\$ 20,547	\$ 48,763	*Use Crew A-5 (2 Laborers; 1 Truck Driver; 1 Flatbed Truck) = \$1,678.08/day. Assume crews can remove 45/day.
5 Racking Posts (To be Salvaged)***	2,204	EA	\$ 13.98	\$ 30,821	\$ 73,144	*Use Crew A-5 (2 Laborers; 1 Truck Driver; 1 Flatbed Truck) = \$1,678.08/day. Assume crews can remove 120 posts/day.
6 LVDC Wiring (To be Salvaged)***	10,000	LF	\$ 1.37	\$ 13,710	\$ 32,536	*Use Crew A-5 + L-1 (2 Electricians; 1 Truck Driver; 1 Flatbed Truck) = \$2,056.48/day. Assume crews can remove 1500 LF/day.
7 MV AC Wiring (To be Salvaged)***	2,000	LF	\$ 13.84	\$ 27,671	\$ 65,669	*Use Crew A-5 + L1 + B11M (2 Electricians; 1 Truck Driver; 1 Flatbed Truck, 1 Operator, 1 Laborer, 1 Excavator) = \$3,458.89/day. Assume 250 LF/day.
8 Fence (To be Salvaged)	3,000	LF	\$ 3.36	\$ 10,068	\$ 23,895	*Use Crew A-5 (2 Laborers; 1 Truck Driver; 1 Flatbed Truck) = \$1,678.08/day. Assume crews can remove 500 LF/day.
9 Equipment Pad Removal	4	EA	\$ 1,301.19	\$ 5,205	\$ 12,352	*Use Crew B-17 (2 Laborers; 1 Equip Oper; 1 Truck Driver; 1 Backhoe; 1 Dump Truck) = \$2,602.38/day. Assume 300 CY/day, assumed 1 day of work
10 Gravel Eq. Pad Area***	178	CY	\$ 29.28	\$ 5,205	\$ 12,352	*Use Crew B-17 + 4 trucks(2 Laborers; 1 Equip Oper; 4 Truck Drivers; 1 Backhoe; 4 Dump Trucks) = \$5,582.46/day. Assume 300 CY/day. 10,806 SF from CAD, assumed 1' depth, total is 400 CY.
11 Gravel Access Drive	1,418	CY	\$ 18.61	\$ 26,384	\$ 62,616	*Use Crew B-3B (2 Laborers; 1 Equip. Oper; 1 Truck Driver; 1 Backhoe; 1 Dump Truck) = 3,280.49/day. Assume one day of work.
12 General Demolition	0.2	WK	\$ 16,402.45	\$ 3,280	\$ 7,785	Rhode Island prevailing wage for a Power Equipment Operator is \$45.45/hr+20%(height is 30' or more) according to Wage Determination Report #RI20250001 from System of Award Management (SAM.gov)
13 Removal Utility Poles***	7	EA	\$ 727.20	\$ 5,090	\$ 12,081	*Use Crew B-3B (2 Laborers; 1 Equip. Oper; 1 Truck Driver; 1 Backhoe; 1 Dump Truck) = 3,280.49/day. Assume 2 days of work.
14 Landscaping Removal	3	D	\$ 1,093.50	\$ 3,280	\$ 7,785	*Use Crew B-3B (2 Laborers; 1 Equip. Oper; 1 Truck Driver; 1 Backhoe; 1 Dump Truck) = 3,568.44/day. Assume three day of work.
15 Trucking	10	TRK	\$ 117.16	\$ 1,172	\$ 2,780	Assume payload of 22T/truck with 58 mile round trip haul(Coventry to Providence). 2019 ATRI Report Ops Cost of \$2.02/mile. 1 trucks needed. (1*\$2.02*58) = \$117.16
16 Disposal	1	LS	\$ 312,218.75	\$ 312,219	\$ 740,959	Based on budgetary pricing provided by TCI of NY (2025) and RIRCC (2023). TCI Cost includes trucking to facility.
SUBTOTAL [†]				\$ 498,185	\$ 1,182,295	
II. SITE RESTORATION						
17 Re-Seeding	14	AC	\$ 1,099	\$ 15,124	\$ 35,892	*Re-Seeding of limit of disturbance. Cost includes:(Seed: 4-7 species (native types) Also with estimate is labor spraying; Disking; Planting; Mulch; One man & machine).
18 Re-Grading	178	CY	\$ 55.58	\$ 9,881	\$ 23,449	*Re-grading of 4 equipment pad areas. Use Crew B-17 (2 Laborers; 1 Equip Oper; 1 Truck Driver; 1 Backhoe; 1 Dump Truck) = \$2,831.43/day. Assume 500 CY/day, assumed 1 day of work.
SUBTOTAL [†]				\$ 24,355	\$ 57,798	
III. SALVAGE CREDIT ****						
19 Racking Posts (Steel)***	22,525	LBS	\$ 0.07	\$ 1,577	\$ 2,655	*Rsmeansonline.com, 1st quarter 2024, Site Work and Landscape Cost Data, Open Shop/ Non-Union Labor Rates, Providence, Rhode Island
20 LV Wiring (Insulated Cable)***	6,500	LBS	\$ 1.70	\$ 11,050	\$ 18,607	*Rsmeansonline.com, 1st quarter 2024, Site Work and Landscape Cost Data, Open Shop/ Non-Union Labor Rates, Providence, Rhode Island
21 MV Wiring (Insulated Cable)***	3,880	LBS	\$ 1.70	\$ 6,596	\$ 11,107	*Rsmeansonline.com, 1st quarter 2024, Site Work and Landscape Cost Data, Open Shop/ Non-Union Labor Rates, Providence, Rhode Island
22 Chain Link Fence (Steel)***	938	LBS	\$ 0.07	\$ 66	\$ 111	*Rsmeansonline.com, 1st quarter 2024, Site Work and Landscape Cost Data, Open Shop/ Non-Union Labor Rates, Providence, Rhode Island
23 Trucking Costs	1	TRK	\$ 117.16	\$ 117	\$ 197	Assume payload of 22T/truck with 58 mile round trip haul(Coventry to Providence). 2019 ATRI Report Ops Cost of \$2.02/mile. 1 trucks needed. (1*\$2.02*58) = \$117.16
SUBTOTAL				\$ 19,171	\$ 32,282	
TOTAL YEAR 35 DEMOLITION COST (Items I & II)					\$ 1,240,000	
YEAR 35 SALVAGE VALUE CREDIT (ITEM III)					\$ (32,000)	
TOTAL DECOMMISSIONING AMOUNT					\$ 1,208,000	
DECOMMISSIONING SURETY AMOUNT					\$ 1,208,000	

Legend:

*Crews and Costs derived from 2025 Site Work and Landscape Costs with RSMeans Data, Standard Non-Union labor Rates, Providence, Rhode Island

**Assumes 2.5% annual increase in labor costs and 1.5% annual increase in salvage value

ATRI = American Transportation Research Institute

***Quantities provided by PPE/APA Racking

****RSMeans salvage unit prices exclude material handling, packaging, container costs, and transportation for salvage or disposal

[†]Factor of 1.047 was used to account for cost in the Providence, RI region. Obtained from City Cost

Indexes - Year 2025 table from Site Work and Landscape Costs with RSMeans Data.

Notes:

- The opinion of probable costs is based on our experience in the design and construction of solar energy facilities and is subject to final engineering design. Costs assumes the work will be performed by a contractor experienced in the decommissioning and deconstruction of solar facilities.

- Economic or other factors may influence actual costs incurred for decommissioning.