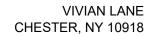
Decommissioning Estimate/Plan





Date: 02/13/2022

This Decommissioning Estimate has been prepared by Borrego Solar in an attempt to predict the cost associated with the removal of the proposed solar facility. The primary cost of decommissioning is the labor to dismantle and load as well as the cost of trucking and equipment. All material will be removed from the site, including the concrete equipment pads, which will be broken up at the site and hauled to the nearest transfer station.

No salvage values have been assumed in this calculation.

The following values were used in this Decommissioning Estimate:

| System Specifications | |
|-------------------------------------|---------|
| Number of Modules | 10,084 |
| Number of Racks | 561 |
| Number of Inverters | 2 |
| Number of Transformers | 2 |
| Electrical Wiring Length (ft) | 3,679 |
| Number of Foundation Screws | 2,244 |
| Length of Perimeter Fence (ft) | 4,079 |
| Number of Power Poles | 4 |
| Access Rd Material Volume (YD) | 1,223 |
| Total Disturbed Area (SF) | 50,711 |
| Total Fence Weight (lbs) | 2,896 |
| Total Racking Weight (lbs) | 476,850 |
| Total Foundation Screw Weight (lbs) | 89,760 |

| Labor and Equipment Costs | | | | | |
|-----------------------------------|----|----------|--|--|--|
| Labor Rate (\$/hr) | \$ | 31.74 | | | |
| Operator Rate (\$/hr) | \$ | 48.89 | | | |
| Bobcat Cost (\$/hr) | \$ | 96.10 | | | |
| Front End Loader Cost (\$/Day) | \$ | 797.63 | | | |
| Excavator Cost (\$/Day) | \$ | 1,287.74 | | | |
| Trucking Cost (\$/hr) | \$ | 120.13 | | | |
| Backhoe Cost (\$/hr) | \$ | 96.10 | | | |
| Power Pole Removal Cost (\$/pole) | \$ | 1,500.00 | | | |
| Grader Cost (\$/day) | \$ | 1,249.30 | | | |
| Gravel Export Cost (\$/YD) | \$ | 8.00 | | | |
| Loam Import Cost (\$/YD) | \$ | 20.00 | | | |
| Seeding Cost (\$/SF) | \$ | 0.10 | | | |
| Fuel Cost (\$/mile) | \$ | 0.50 | | | |
| | | | | | |

| Equipment & Material Removal Rates | |
|--|------|
| Module Removal Rate (min/module) | 0.5 |
| Rack Wiring Rem. Rate (min/mod) | 0.25 |
| Racking Dismantling Rate (min/rack) | 20 |
| Inverter Removal Rate (hr/unit) | 0.5 |
| Transformer Removal Rate (hr/unit) | 1 |
| Rack Loading Rate (min/Rack) | 10 |
| Elect. Wiring Removal Rate (min/LF) | 0.5 |
| Screw Rem. Rate (screws/day) | 600 |
| Fence Removal Rate (min/LF) | 1 |
| Days req. to break up concrete pads | 1 |
| Days req. with Rough Grader | 1 |
| Days req. with Fine Grader | 2 |
| Total Truckloads Required | 19 |
| Round-Trip Dist. to Trans. Sta.(miles) | 20.4 |
| Round-Trip Time to Trans, Sta. (hr) | 0.75 |



Labor, Material, and Equipment Costs

1. Remove Modules

The solar modules are fastened to racking with clamps. They slide in a track. A laborer needs only unclamp the module and reach over and slide the module out of the track.

Module Removal Rate • Total Number of Solar Modules • Labor Rate = Module Removal Cost

Total = \$2,667.22

2. Remove Rack Wiring

The modules are plugged together in the same manner as an electrical cord from a light is plugged into a wall socket. The string wires are in a tray. A laborer needs only unplug the module, reach into the tray and remove the strands of wire.

Wire Removal Rate • Total Number of Solar Modules • Labor Rate = Rack Wiring Removal Cost

Total = \$ 1,333.61

3. Dismantle Racks

The racking is supported by screw foundations. The racking will be disconnected from the foundation and removed seperately.

Number of Racks • Rack Dismantling Rate • Labor Rate = Rack Dismantling Cost

Total = \$5,935.38

4. Remove and Load Electrical Equipment

Electrical equipment includes transformers and inverters.

(Number of Inverters • Inverter Removal Rate + Number of Transformers • Transformer Removal Rate) • (Operator Rate + Bobcat Cost) = Electrical Equipment Removal Cost

Total = \$ 434.97

5. Break Up Concrete Pads

Concrede pads are broken up using an excavator and jackhammer.

Number of Demolition Days • (Excavator Cost + Operator Cost) = Total Concrete Pad Removal

Total = \$ 1,188.75



6. Load Racks

Once the racks have been dismantled, they will be loaded onto trucks for removal from the site. The trucking cost associated with this line item represents the additional time a truck will be needed during loading. Please see item # 13 for additional trucking costs.

Number of Racks • Rack Loading Rate • (Operator Cost + Front End Loader Cost + Trucking Cost) = Total Rack Removal Cost

Total = \$24,788.25

7. Remove Electrical Wiring

Electrical wiring will be removed from all underground conduits.

Cable Length • Cable Removal Rate • (Operator Cost + Backhoe Cost) =

Total Cable Removal Cost

Total = \$ 4,445.15

8. Remove Foundation Screws

Foundation screws will be backed out of the ground and loaded onto a truck to be removed from site.

(Total Number of Screws / Daily Screw Removal Rate) • (Operator Rate + Excavator Cost) = Total Screw Removal Cost

Total = \$6,278.94

9. Remove Fencing

Fencing posts, mesh, and foundations will be loaded onto a truck and removed from site. Trucking costs included in this line item are for the removal process. Trucking to a recycling facility are included in item #13.

(Total Length of Fence • Fence Removal Rate) • (Operator Rate + Bobcat Cost + Trucking Cost) =

Total = \$18,023.40

10. Remove Power Poles

Power poles will be removed and shipped off site.

Number of Power Poles • Pole Removal cost = Total Power Pole Removal Cost

Total = \$6,000.00



11. Gravel Road Reclamation

Reclamation of the gravel access road will entail removing the gravel material and exporting it off site. The area will then be backfilled with loam and graded.

(Days with Rough Grader + Days with Fine Grader) • (Grader Cost per Day+Operator Cost per Day) + [Roadway Material Volume • (Gravel Export Cost + Loam Import Cost)] =

Gravel Road Reclamation Cost

Total = \$39,160.59

12. Seed Disturbed Areas

Seeding cost includes labor and materials for reseeding all disturbed areas including the reclaimed gravel road area, former electrical areas, and areas disturbed by racking foundation removal.

Seeding Cost • Disturbed Area = Total Seeding Cost

Total = \$5,071.07

13. Truck to Transfer Station

All material will be trucked to the nearest Transfer station that accepts construction material. The nearest transfer station is Orange County Transfer

(Total Truckloads • Roundtrip Distance • Fuel Cost) + (Total Truckloads • Round Trip Time •

Trucking Cost) =

Total Trucking Cost to Transfer Station

Total = \$1,905.58



Salvage Values

Salvage Value Not Included



Summary of Decommissioning Costs and Salvage Values

| Line Item | Task | | Co | st | |
|-----------|---|-------------|----|------------|--|
| 1 | Module Removal | | \$ | 2,667.22 | |
| 2 | Rack Wiring Removal | | \$ | 1,333.61 | |
| 3 | Rack Dismantling | | \$ | 5,935.38 | |
| 4 | Electrical Equipment Loading and Removal \$ 4 | | | | |
| 5 | Break Up Concrete Pads \$ 1,1 | | | | |
| 6 | Load Racks | | \$ | 24,788.25 | |
| 7 | Electrical Wiring Removal | | \$ | 4,445.15 | |
| 8 | Foundation Screw Removal | | \$ | 6,278.94 | |
| 9 | Fence Removal | | \$ | 18,023.40 | |
| 10 | Power Pole Removal | | \$ | 6,000.00 | |
| 11 | Gravel Road Reclamation | | \$ | 39,160.59 | |
| 12 | Seed Disturbed Areas | | \$ | 5,071.07 | |
| 13 | Trucking to Transfer Station | | \$ | 1,905.58 | |
| | | Sub Total = | \$ | 117,232.91 | |

Total = \$ 117,232.91

| Task | | Future Value |
|------------------|----|--------------|
| <u>Inflation</u> | | |
| # of Years= | 25 | |

25

Inflation Rate= 2.5%

Total • (1+ Inflation Rate)^Number of Years = Grand Total

Grand Total = \$ 217,343.27