



Unused landfill transformed into landmark renewable energy and economic development project for Kearsarge Energy and the City of Manchester

SOLAR FARMS

COMING TO WEST ROAD LANDFILL

THE TOWN OF HUDSON HAS THE POTENTIAL TO UTILIZE PORTIONS OF THE WEST ROAD LANDFILL SITE TO INSTALL SOLAR PANELS TO CREATE REVENUE THROUGH A LEASE AGREEMENT OR COST SAVINGS ON OUR ELECTRICAL BILL.

Due to many variables of the site and the permitting process, we followed a qualifications based selection process and we received eleven qualified submittals. The Board of Selectmen established a committee to recommend the best vendor for this project. Five of eleven firms were selected for the interview process and four were interviewed.

A committee established by the Board of Selectmen consisting of Department of Public Works, the Town Engineer, the Town Administrator and BOS selectmen, Bob Guessferd, selected Kearsarge Energy out of Boston, MA based on the most revenue and savings for the Town, the experience in New Hampshire and expertise on similar landfill projects.



Proposed site location for the solar farm at the West Road Landfill

As the leading developer based in New England, Kearsarge Solar will meet the growing demand for reliable and cost-effective commercial-scale renewable energy by focusing on landfills and underutilized land.

Kearsarge Solar was recently awarded rights to develop nearby projects at Belknap County, the city of Concord and the Pelham School District.

Here are a few bullet points:

Lease Revenue

- Annual lease payment of \$14,000 per MW DC beginning on COD with a 2.25% annual esc.
- Total Lease Revenue is expected to be \$48,440 in year 1, \$1,602,064 over 25 years, and \$3,089,802 over 40 years.
- Kearsarge will offer a lease payment during the construction period equal to 50% of the year 1 lease rate (\$7,000 per MW DC) which will provide an additional \$7,500+ lease revenue to the Town assuming a four month construction period.

Electricity Bill Savings for the Town and School Department

- 15% discount off the net metering rate with no floor.
- Hudson will receive net metering credits equal to 90% of our annual electric kWh load - appx. 2,250,000 kWh and sell the remaining kWh produced (roughly 2,080,000 kWh) to the School Department.
- Total savings for **Hudson** expected to be \$43,875 in year 1, \$1,403,089 over 25 years and \$2,642,968 over 40 years.
- Total saving for the **School Department** are expected to be \$40,560 in year 1, \$1,297,077 over 25 years and \$2,443,276 over 40 years.
- Total savings for **Hudson and School Department** are expected to be \$84,435 in year 1, \$2,700,166 over 25 years and \$5,086,244 over 40 years.