



Nexamp Solar: Hobbs Solar Proposal

Caroline County, Maryland



Opportunity Overview

Nexamp is proposing to finance, build, own and maintain solar facilities at the Caroline County landfill on Hobbs Road in Denton, MD and extend the financial benefits of the generated electricity, land lease and tax revenue to the Caroline County Government and Caroline County Public Schools.

- **Aggregate Net Energy Metering (ANEM)**

- › ANEM allows government entities in Maryland to take the generated electricity from offsite solar projects up to 2MW in size to realize cost savings.
- › Caroline County can receive approximately 875 kW of solar generation, resulting in **\$15,400+** in annual utility cost savings.
- › Remaining parcel will be used to build a separate 1.5 MW project for CCPS, providing approximately **\$32,000** in annual savings.

- **Land Lease Revenue**

- › Siting projects on the County landfill adds value through lease revenue.
- › Lease revenue equates to approximately **\$15,750** annually during operations.

- **Personal Property Tax Revenue**

- › Building this project in Caroline County means property taxes are going directly back to the County, resulting in over **\$1,200,000** in total revenue.

Project Details

Location: **26375 Hobbs Road, Denton MD**

Project Size: **875 KW AC**

Land Use: **15 Acres**

Production: **1,510,000 kwh**

Aerial View



Caroline County

ANEM Solar Financial Benefit

Year 1 Benefit		20 Year Benefit	
Year 1 Utility Savings (10%)	\$15,402	20 Year Utility Savings (10%)	\$357,592
Year 1 Lease Revenue (\$1,050/acre)	\$15,750	20 Year Lease Revenue	\$382,684
Year 1 Property Tax	\$90,000	20 Year Property Tax	\$1,230,000
Total Year 1 Benefit	\$121,152	Total Benefit	\$1,975,976

Term Savings + Revenue

System Year	kWh Produced Annually	Expected Credit Rate (\$/kWh)	Bill Credit Value	Fixed Discount	Credit Purchase Price	Savings	Lease Revenue	Personal Property Tax	Cumulative Benefit
1	1,510,000	\$0.10200	\$154,020	10.0%	\$138,618	\$15,402	\$15,750	\$90,000	\$121,152
2	1,503,205	\$0.10404	\$156,393	10.0%	\$140,754	\$15,639	\$16,065	\$87,030	\$239,886
3	1,496,441	\$0.10612	\$158,803	10.0%	\$142,923	\$15,880	\$16,386	\$84,060	\$356,213
4	1,489,707	\$0.10824	\$161,251	10.0%	\$145,126	\$16,125	\$16,714	\$81,090	\$470,142
5	1,483,003	\$0.11041	\$163,736	10.0%	\$147,362	\$16,374	\$17,048	\$78,120	\$581,684
6	1,476,329	\$0.11262	\$166,259	10.0%	\$149,633	\$16,626	\$17,389	\$75,150	\$690,849
7	1,469,686	\$0.11487	\$168,821	10.0%	\$151,939	\$16,882	\$17,737	\$72,180	\$797,648
8	1,463,072	\$0.11717	\$171,422	10.0%	\$154,280	\$17,142	\$18,092	\$69,210	\$902,092
9	1,456,489	\$0.11951	\$174,064	10.0%	\$156,657	\$17,406	\$18,454	\$66,240	\$1,004,192
10	1,449,934	\$0.12190	\$176,746	10.0%	\$159,072	\$17,675	\$18,823	\$63,270	\$1,103,960
11	1,443,410	\$0.12434	\$179,470	10.0%	\$161,523	\$17,947	\$19,199	\$60,300	\$1,201,406
12	1,436,914	\$0.12682	\$182,235	10.0%	\$164,012	\$18,224	\$19,583	\$57,330	\$1,296,542
13	1,430,448	\$0.12936	\$185,044	10.0%	\$166,539	\$18,504	\$19,975	\$54,360	\$1,389,382
14	1,424,011	\$0.13195	\$187,895	10.0%	\$169,106	\$18,790	\$20,374	\$51,390	\$1,479,935
15	1,417,603	\$0.13459	\$190,791	10.0%	\$171,712	\$19,079	\$20,782	\$48,420	\$1,568,216
16	1,411,224	\$0.13728	\$193,731	10.0%	\$174,358	\$19,373	\$21,197	\$45,450	\$1,654,237
17	1,404,873	\$0.14002	\$196,716	10.0%	\$177,045	\$19,672	\$21,621	\$42,480	\$1,738,010
18	1,398,551	\$0.14282	\$199,748	10.0%	\$179,773	\$19,975	\$22,054	\$39,510	\$1,819,548
19	1,392,258	\$0.14568	\$202,826	10.0%	\$182,543	\$20,283	\$22,495	\$36,540	\$1,898,866
20	1,385,993	\$0.14859	\$205,951	10.0%	\$185,356	\$20,595	\$22,945	\$33,570	\$1,975,976

Additional Details & Next Steps

Nexamp makes solar credit transactions simple and streamlined.

- 1 Power Purchase Agreement:** Nexamp agreement has been reviewed by County Attorney Stewart Barroll and all language has been agreed upon. Final step is agreement execution.
- 2 Land Lease:** Land leases associated with both projects have been reviewed by County Attorney Stewart Barroll and language has been agreed. Next step is lease execution.
- 3 Caroline County Schools:** Caroline County Public Schools have signed a Power Purchase Agreement to take the electricity from Hobbs Rd West and realize a 10% cost savings.
- 4 Interconnection Agreements:** Both Caroline County and Caroline County School's have signed a Delmarva Power interconnection agreement, which Nexamp has submitted and paid for. While not binding, these help Nexamp get a head start on the interconnection process.

About Nexamp

Your Local Solar Partner

Nexamp develops, builds, owns and operates commercial scale solar projects. Our comprehensive approach makes it simple for our clients and partners to benefit from solar power.

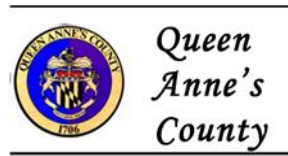
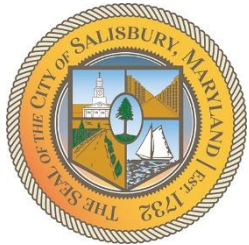


- We are **a veteran-founded, locally-owned solar** provider
- Named **Clean Energy Company of the Year** by the Northeast Clean Energy Center
- We have built **hundreds** of solar PV projects in **over 100** communities with over **450 Megawatts (MW)** currently operating, including arrays in Chester (CSEGS) and West Friendship (ANEM)
- Broad client and partner base including: the City of Salisbury, Queen Anne's County, the Elkton Housing Authority, Commonwealth of Massachusetts, University of Massachusetts and the Boy Scouts of America.

Nexamp Partners

We are proud to have partnerships with the following entities:

Municipalities



Nonprofit





Thank You

Jack Martell: Manager, Business Development
jmartell@nexamp.com

Joe Fiori, Vice President, Business Development
jfiori@nexamp.com

Greg Werner, Manager, Development
gwerner@nexamp.com

