



Town of Waitsfield 102kW PV Array

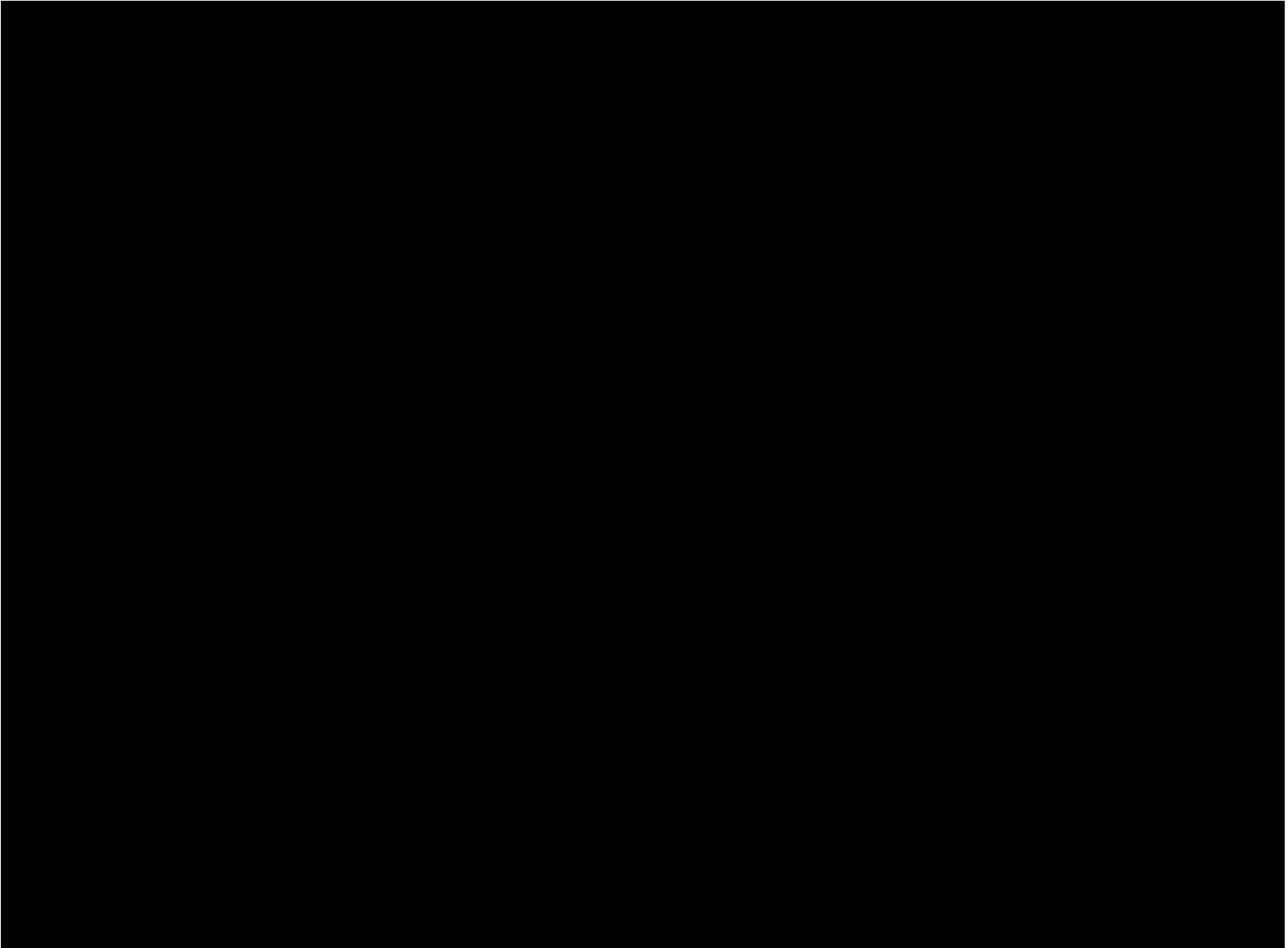
May 5th, 2014

Proposed Project - Summary

- Project Location:
 - Town Garage, Tremblay Rd
- System Size:
 - 102,300 Watts DC
- Number of Solar Panels:
 - 330
- Estimated Production:
 - 102,106 kWh
- Percentage of Town and School Electric Bill
 - 89%
- Area Required:
 - 110' x 160'

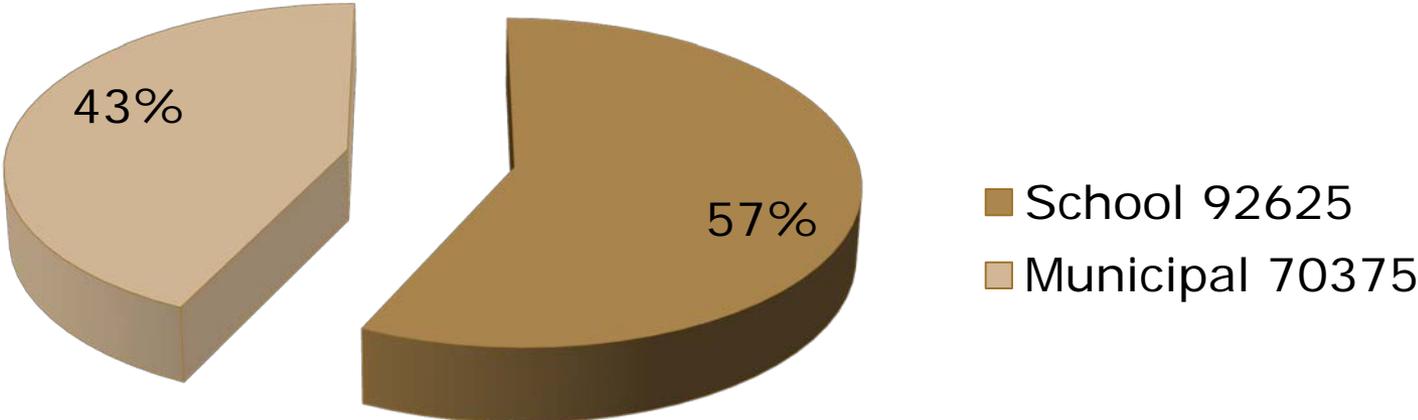


Site Video Tour



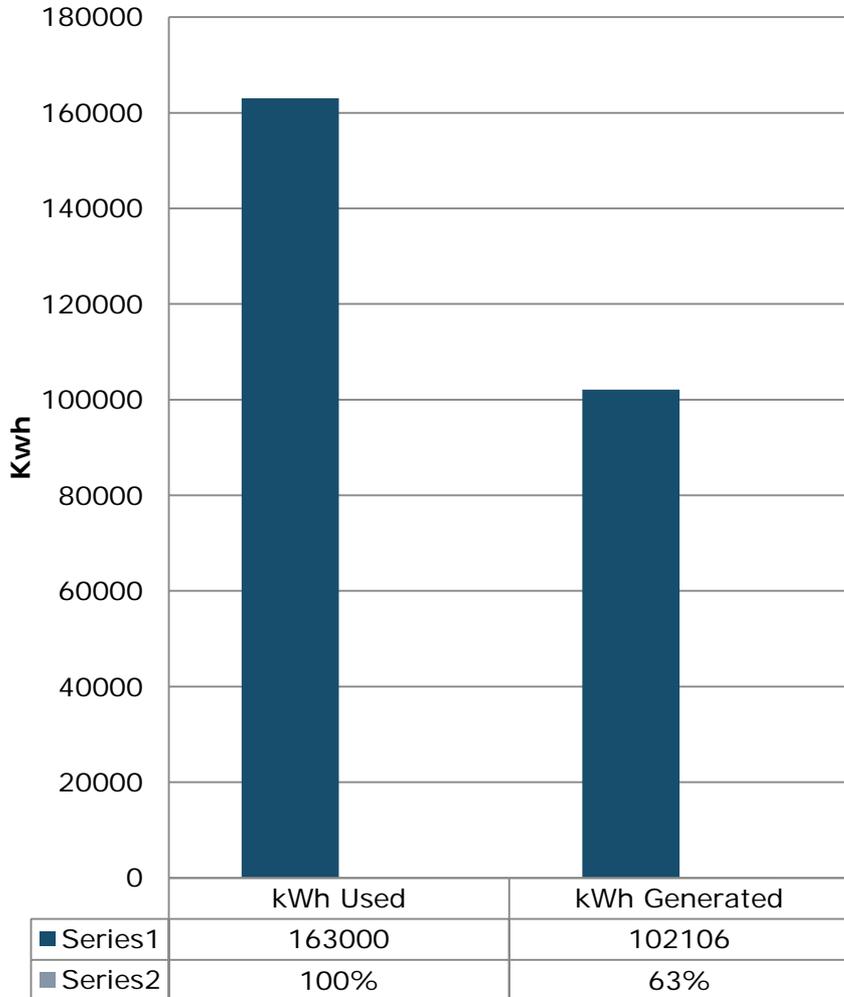
Production and Usage Summary

School and Municipal Electric Usage

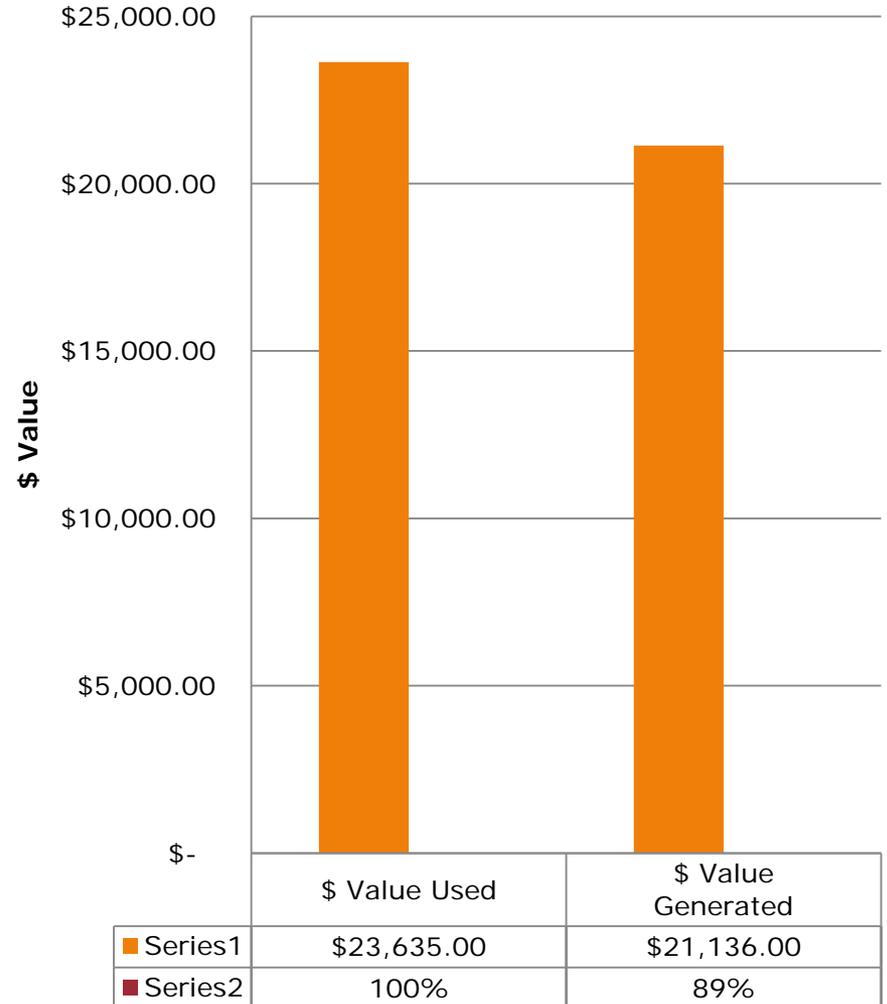


Production and Usage Summary

kWh Used vs. Generated



Electric Price Paid Vs. Net Metering Value



Environmental Benefits

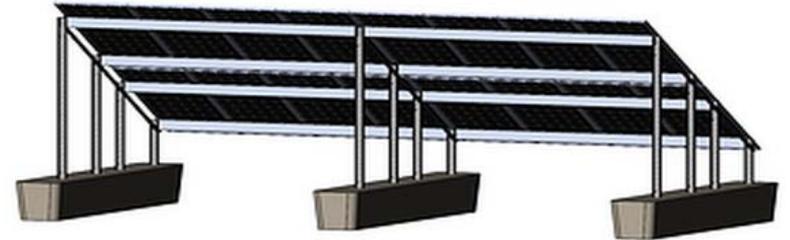
Emmissions

Annual CO² emissions avoided:	123,038 lbs
Lifetime CO² emissions avoided:	3,075,950 lbs

Which is equivalent to any of the following:

- ❖ 10.92 cars per year, or 273.05 cars over system lifetime.
- ❖ 6256 gallons of gasoline per year, or 156410 gallons over system lifetime.
- ❖ 130 barrels of oil consumed per year, or 3250 barrels over system lifetime.
- ❖ 0.3 railcars of coal per year, or 7.6 railcars over system lifetime
- ❖ 2325 propane barbeque cylinders per year, or 58136 cylinders over system lifetime.
- ❖ 17.2 New England Households per year, or 431 Households over system lifetime.

Major Equipment



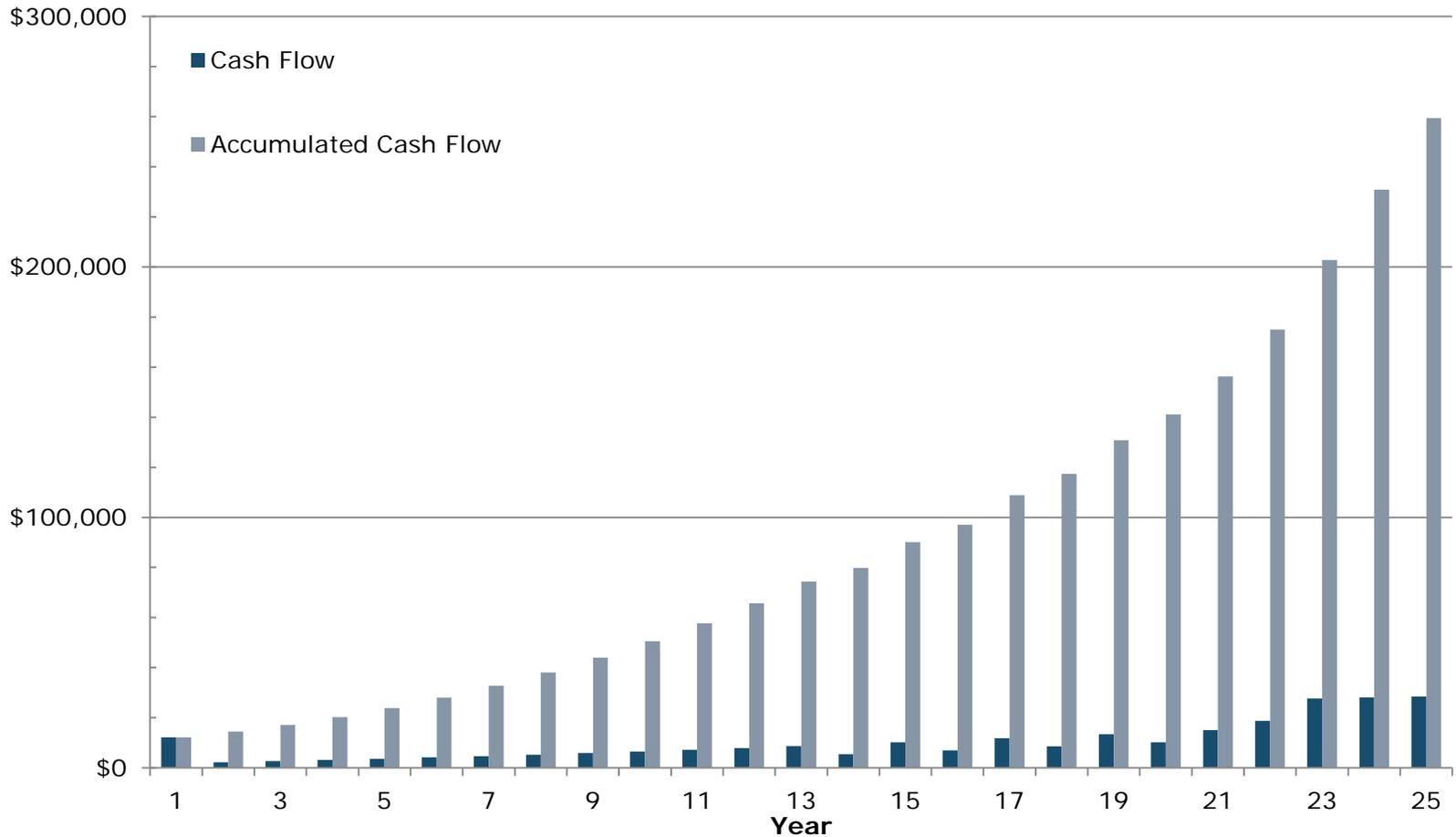
System Monitoring – 24/7

System Includes a customized web based monitoring system with 5 years of 24/7 monitoring included



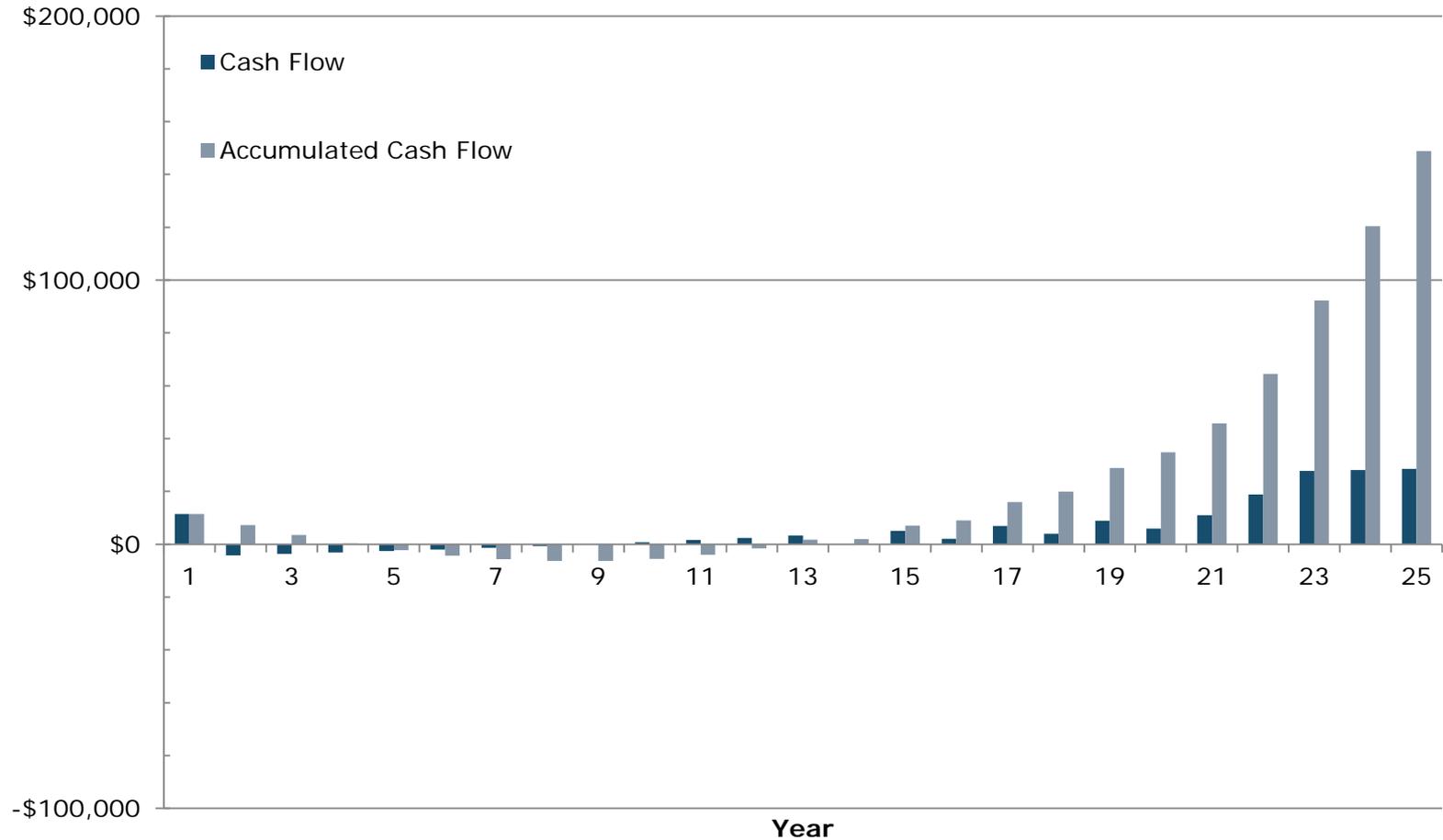
Cash Flow 20 Year Bond With Grant

Cash Flow Summary - 25 Year Life



Cash Flow 20 Year Bond No Grant

Cash Flow Summary - 25 Year Life



Project Timing

- Town Vote Tuesday **May 6th**
- CEDF Grant Proposal Due Friday **May 9th**
- Permit Issued: Tuesday **May 27**
- Engineering and Order Long leads: Wednesday **May 28**
- All Material Onsite, Start Construction: **Monday July 14nd**
- Construction Complete: Thursday **August 14st**
- Commissioning / Interconnection: Friday **August 15th**

Total Time 3 Months



Major Equipment



For more information, please contact:

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