

# Solar P Power P urchase A greement

Town of Enfield, New Hampshire

Charles Clark

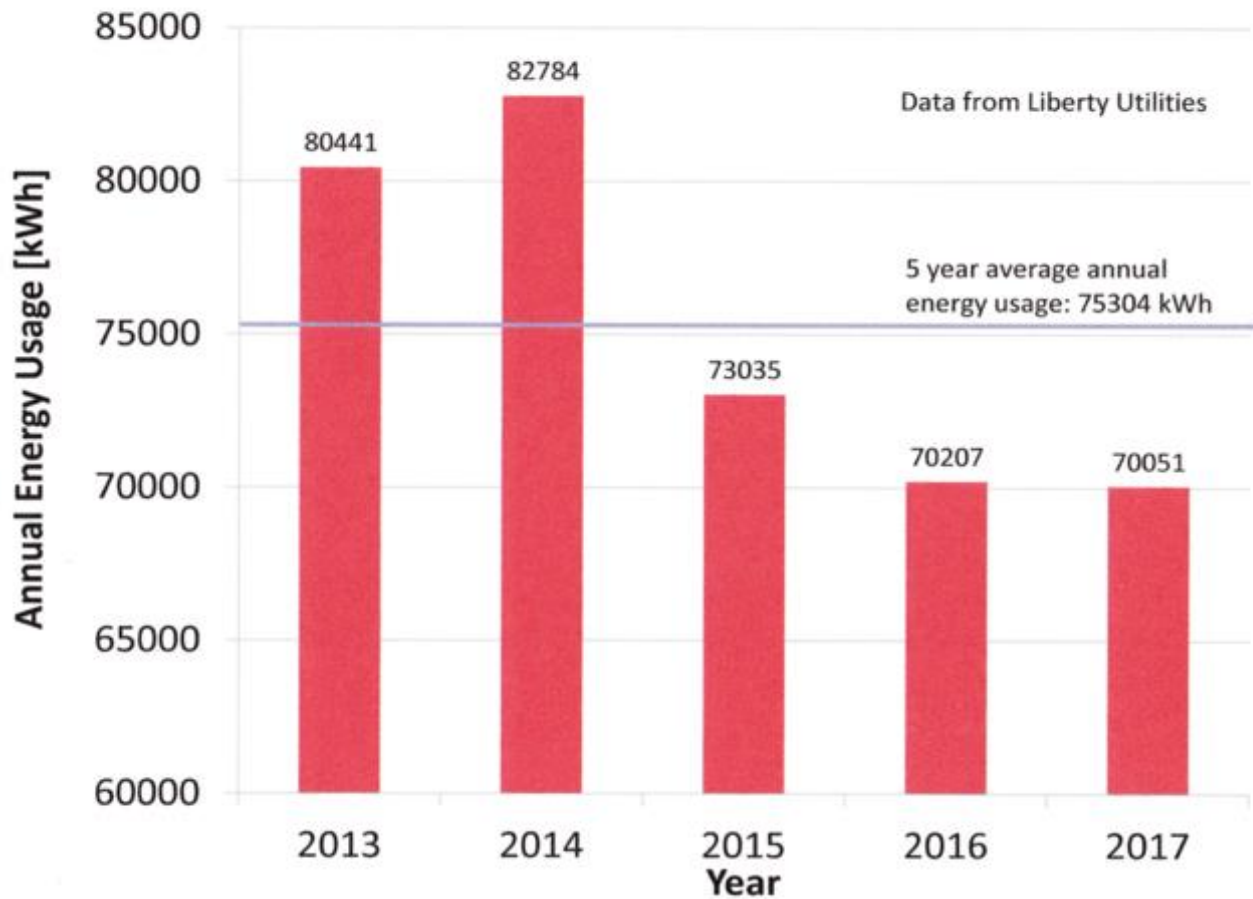
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Enfield DPW

03/05/2020

## ENFIELD, DPW Energy Savings 2013-17




Solar Panels

Hanover Police Dept





An aerial photograph of a large, flat roof covered with a vast array of solar panels. The panels are arranged in neat, rectangular rows, with some sections appearing slightly tilted. Several white, cylindrical ventilation units are spaced out across the roof. In the background, a large, white, dome-shaped structure is visible, surrounded by trees with autumn foliage. The sky is clear and blue. A white arrow points from the text 'Solar Panels' to one of the panels in the middle-left section of the array.

Solar Panels

Hanover Water Reclamation Dept





Lebanon Public Works Building

Solar Panels

Lebanon DPW Administration



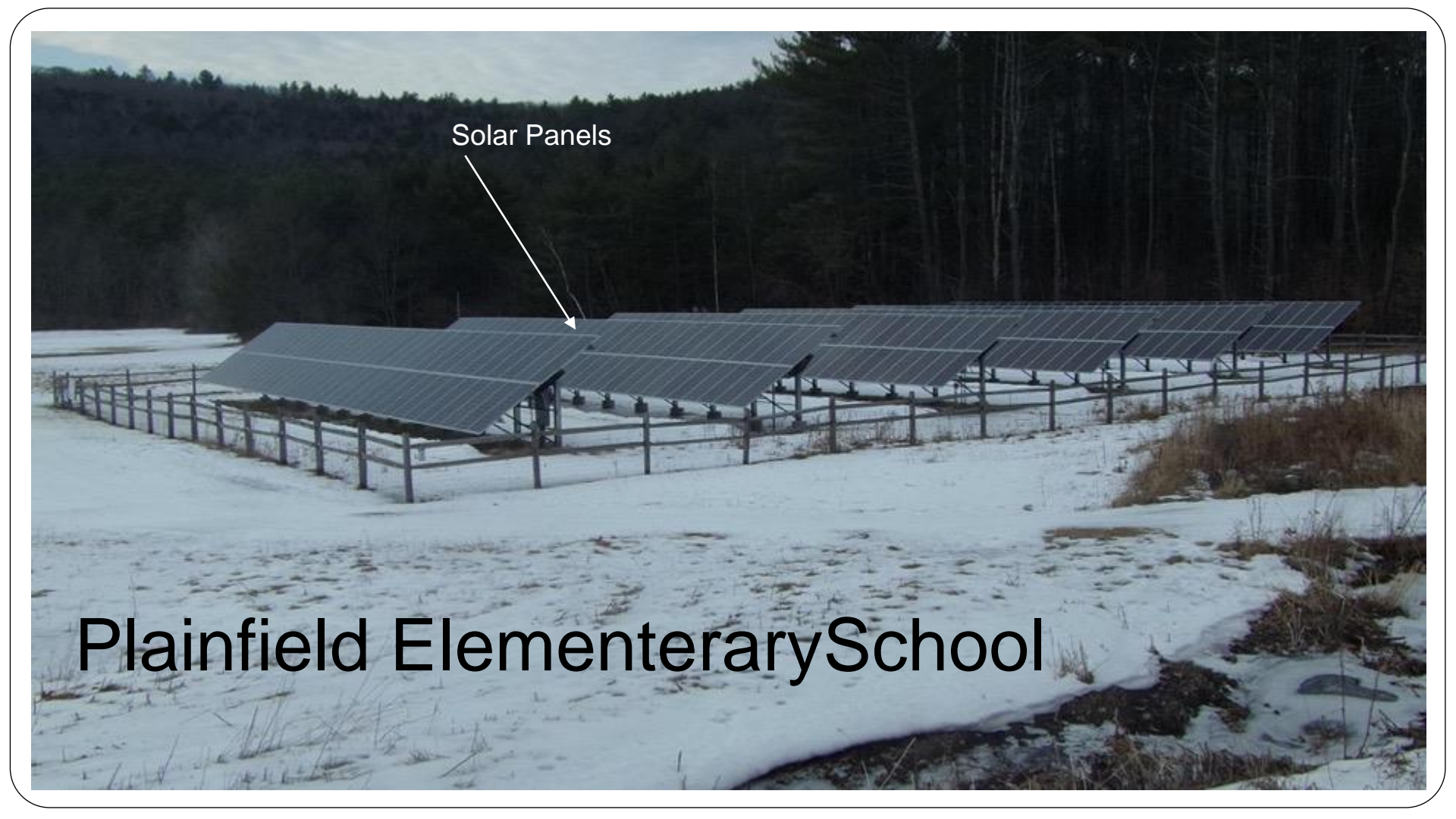


Solar Panels

Lebanon Police Dept

03/01/2020





Solar Panels

Plainfield Elementary School

***So Why Not Enfield?***



Enfield's DPW Salt Shed





96' x 55' roof with a 4/12 pitch



Room for lots of solar panels

03/05/2020

# *How will Enfield benefit?*

- × *Lower electrical costs.*
- × *No cost to have solar power.*
- × *An opportunity to purchase the system.*
- × *Environmentally green power.*





# ***A Power Purchase Agreement (PPA) is the Solution!***



## Liberty Utilities

- Provides regular electric service
- Provides net metering for Enfield

Regular kWh service

Extra PV kWh

## Enfield DPW

- Receives Solar Power
- Predictable prices

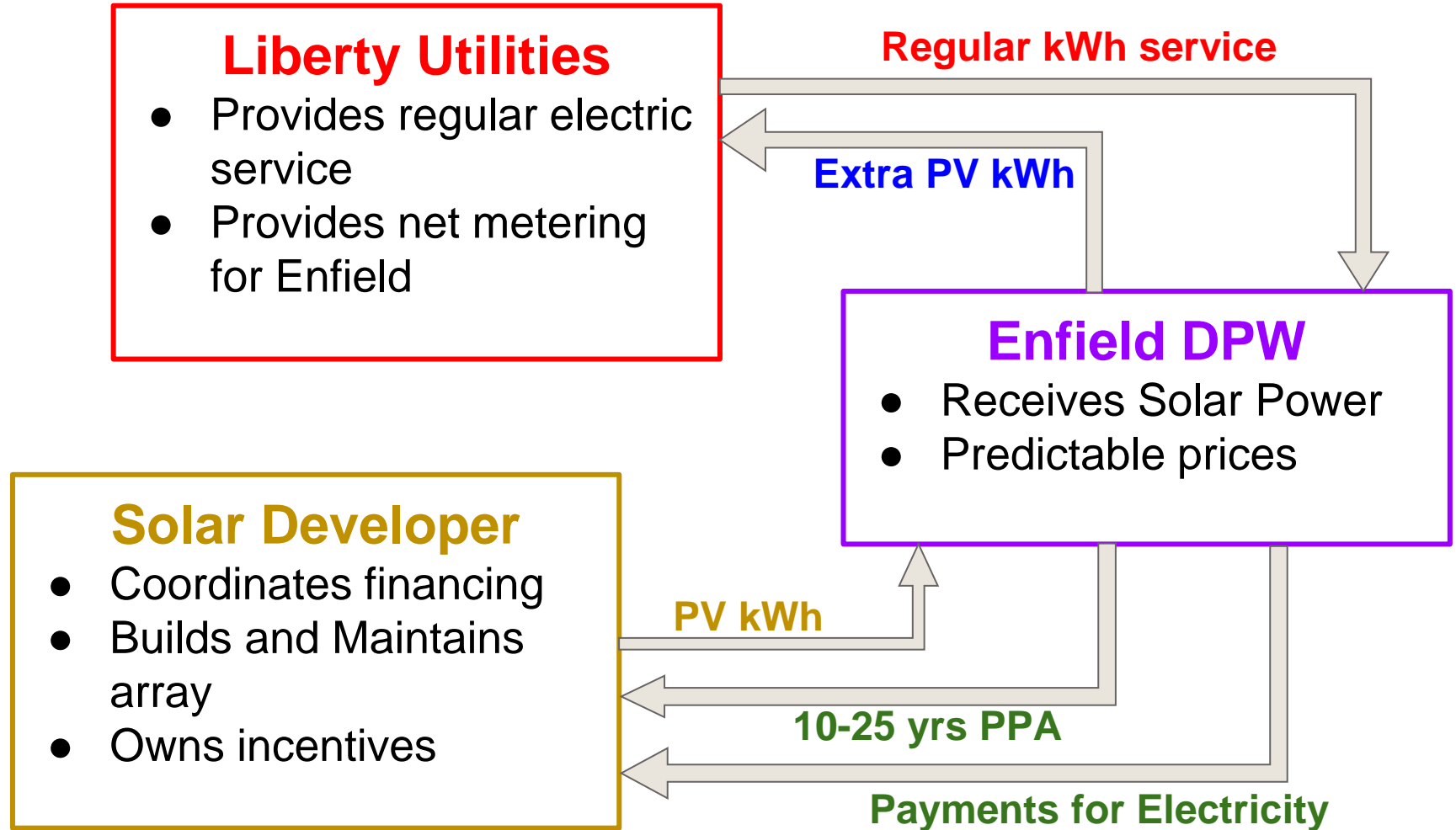
## Solar Developer

- Coordinates financing
- Builds and Maintains array
- Owns incentives

PV kWh

10-25 yrs PPA


Payments for Electricity



# *What happens next if Article 22 passes?*

- × A competitive bidding process will be used to identify a minimum of three solar providers that can install a solar system on the DPW salt shed under a power purchase agreement (PPA).*
- × Proposals will be evaluated by the Energy Committee and Town Manager before a recommendation is presented to the Board of Selectmen for final action (if no proposal/agreement is suitable, then no PPA).*



A photograph of a large industrial building at night. The building has a corrugated metal exterior and several large roll-up doors. It is brightly lit by a series of powerful LED floodlights mounted on the roof and along the side. The ground in the foreground is dark and appears to be a mix of dirt and snow, with some tire tracks visible. In the lower-left foreground, there is a black metal structure and an orange traffic cone. The sky is dark, and the overall scene is dominated by the intense light from the LEDs.

LED lights were installed at DPW

# *Questions?*

