



# Solar Project—Water Treatment Plant

Madbury, NH

SunRaise Investments LLC.  
10/19/2016

# SunRaise's partnership with Portsmouth

~The WHY~

~The WHAT~

~The WHO~



# The WHY- Environmental



## Greenhouse gas emissions from



53.4



Passenger vehicles driven for one year

-or-



606,352



Miles driven by an average passenger vehicle

## CO<sub>2</sub> emissions from



28,468



gallons of gasoline consumed

-or-



269,974



Pounds of coal burned

## Carbon sequestered by



6,557



tree seedlings grown for 10 years

-or-



239



acres of U.S. forests in one year

# The WHY- Electricity

- Large user of electricity, 24 / 7 / 365
- High quality electricity
- 5% discount on solar electricity
- Stable electricity source for 25+ years

Portsmouth Water Treatment Plant



# The WHAT

- Professionally engineering ground mount 286.7kW array
  - Northwest and Southeast array
  - 1 point of interconnection, behind the meter
- Installation begins in 3 weeks



# The WHO

- SunRaise: Developer, Financier, Owner, and long-term operator
- KW Management: Installer and long-term maintenance provider
- New England Commercial Solar Services: Solar design consultant
- City of Portsmouth: Electricity buyer
- Public Utilities Commission: Grant provider



QUESTIONS?