



Town of Maynard

Maynard High School  
Solar Project

Greg Johnson  
Town Administrator

# Maynard High School

2





# Maynard High School

3

- **Beacon Integrated Solutions**
  - Consultant, on board since 2021
- **SunPower**
  - Original contractor, but project scaled down and they pulled out
- **Solect Energy**
  - Contractor/Manager, through PowerOptions program
- **Eversource**
  - Utility

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4

- SMART Solar Incentive Program with utility: Eversource
  - Incentive Rate: 0.14827; Incentive Term: 20 years
- Size of canopy and size of roof top:
  - Total system = 600.44kW (DC) / 430kW (AC)
    - ✦ Solar Canopy = 239kW (DC) / 180kW (AC)
    - ✦ Solar Rooftop - 361.44 (DC) / 250kW (AC)
- Energy generation for both
  - Annual Energy Production = 704,596kWh
    - ✦ Solar Canopy - Year 1 production = 281,422
    - ✦ Solar Rooftop - Year 1 production = 423,174kWh
    - ✦ % of onsite usage: 70.6%
    - ✦ Savings over term: ~\$895,000

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5

- Tax and other costs for Select:
  - Real Property Tax = \$6,500/year for 20 years
- Town level approvals:
  - Town Meeting: Authorizing Select Board to lease School property and for Board of Assessors to set taxes on project
  - School Committee
  - Select Board
  - Planning Board
  - Building & Inspection Division
  - Fire Department
- Online as of August 2024



# Maynard

6

- **Future Solar Projects:**

- New Elementary School (Net Zero) (under construction)
- Fire Station roof top (new station completed)
- Town Hall (roof replacement needed)
- Public Works Garage (replacement and relocation of facility)

