PARTIAL TIMELINE OF CARBON-FREE GENERATION INTEGRATION:

**MMWEC & MEMBER UTILITIES**

- **1982**
  - 40 kW wind project built by Princeton MLP*

- **1984**
  - 32 Member utilities approve participation via MMWEC in Hydro-Quebec Phase 1

- **1985**
  - 2 MW Chicopee MLP Hydro in service

- **1986**
  - Millstone Unit 3 nuclear plant begins commercial operation

- **1990**
  - Seabrook Station nuclear plant begins commercial operation

- **2001**
  - Hull MLP builds first of two wind turbines totaling 2.46 MW

- **2004**
  - 7.9 MW Chicopee MLP landfill gas project comes online

- **2008**
  - MMWEC, 14 Members purchase and complete construction of 15 MW Berkshire Wind Project

- **2009**
  - 3 MW Princeton MLP wind project comes online

- **2010**
  - $65 million in Green Bonds issued to finance Berkshire Wind Project, giving institutional investors an alternative to carbon investments

- **2011**
  - 1.65 MW Ipswich MLP wind turbine comes online

- **2012**
  - First Chicopee MLP large-scale solar project constructed; to date, 10 non-residential solar projects built totaling 12.78 MW

- **2009**
  - MMWEC "Green Team" formed

- **2010**
  - 1.65 MW Templeton MLP wind turbine comes online

- **2011**
  - 359 kW West Boylston MLP solar project comes online; 1.5 MW project online in 2016

- **2012**
  - 2.5 MW Shrewsbury MLP solar project online; 3 MW solar project online in 2018

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* Municipal light plant