

**Wendell Case Study**  
**Town Office Building (5000 sq ft) / Library: (4200 sq ft)**  
**Population: 1000**

**Process:**

1. A public town charette was held with 42 participating residents. Brainstormed concepts, ideas; old vs. new, possible sites. The charette helped to tease out the important issues

Decision: 2 new energy efficient buildings will be built in the town center, to a comparable scale of buildings there. A local and available architect was selected for a lower carbon footprint for travel (Margo Jones).

2. Library Strategy:

- Conservation: 2X8 construction, max insulation, quality windows, natural light
- Efficient furnace
- Forced hot air to handle large open spaces
- PV – efficient lighting, and fans for forced hot air
- Meeting room – separate entrance when library is closed
- Hardi plank clapboard

3. Town Office Building:

- Conservation: 2X8 construction, max insulation, quality windows, natural light
- Efficient furnace
- Baseboard – hydronic
- Individual office thermostats
- Hardiplank clapboard (wood + cement)

**Financing Strategy:**

- Pay upfront as well as during construction
- Keep the conversation going each year regarding needs and development
- Used Clean Energy Choice funding to pay for 100% of solar panels

**Town Meeting:**

- Library requested \$10K each year – dedicated to “Library Building Fund” for stabilization fund. 60% state grant for libraries
- Town Offices: each department did the same as above

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*New Wendell Library*



*New Wendell Town Office Building*