

# Nelson Town Buildings Committee

## September 28, 2015

### Attendees

- Dave U
- Sandy M
- Bert W
- Dave B
- Lisa S
- absent
  - Russ

### Action Items

- Dave B
  - Contact South Pack, Revision and Green Energy Options to get “turnkey” estimates, including monitoring panel, for solar panels on the Library roof
  - Talk to Curt Grasset at Hancock about how they funded their Solar projects.

### Meeting called to order at 6:04 PM

### Minutes July 27th, 2015

- Motion to approve by Sandy, second by Bert
  - all in favor

### Solar

- Dave B provides an update
  - 4 years of data on electrical usage for the municipal buildings, but not the school
  - should we also look at the school?
    - SAU29 pays the bill
    - Dave B spoke to Jenelle Swanson at the SAU29
      - requested her approval to get the data from Eversource
      - haven't received this approval yet
    - Dave has numbers from 4 years ago, from another project at the school, so he can make an estimate about the school's usage
      - under 2000kWh
  - Total electrical usage is around 38,000 kWh average per year, for the town municipal buildings including school
  - Dave B sent this information to ReVision energy, thinking this might be enough to get us into a power purchase agreement
    - spoke to them today
    - 38,000 kWh is not enough for ReVision
      - there's too much overhead up front
        - attorney fees
      - They won't consider PPA until over 75,000 kWh annually
  - An array on the roof of the Library would only cover 80% of the Library/Town Hall usage
    - Project cost: About \$30,000

- Do we still want to look at a private system?
    - A benefactor donates to purchase the system and take the 30% tax benefit
    - Still doesn't seem practical to pursue this
- We intend to bring the Library solar project to Town Meeting
  - How to get the right dollar amount?
  - Ask Greg to update his numbers
  - Specify micro-inverters
  - Dave B will contact South Pack, ReVSION, Green Energy Options.
  - We want a turnkey solution, ask them to specify anything that is not included.
- Dave B suggests that a monitoring system is also good.
  - Harrisville has a simple one
  - Shows how much power it has produced
  - Spec that with the project, from the bidders
    - Located in the Library
- Getting the word out
  - Sandy suggests that a couple weeks before Caucus
    - go door to door
  - Make a flyer
  - Grapevine article

## Archives and Meeting room

- Trevor bid John Waite's design at \$14,000
  - with a wall-mounted outside-vented propane heater
  - Trevor bid just the Archives at \$11,000
- Plumb-Bob came up with \$7,000 for Archives
  - humidifier in duct work
  - air conditioner in the wall
  - electric heater on the floor
  - This bid has been selected
- Meeting Room?
  - Can we try leaving it at 69 degrees?
    - No, this would be wasteful
    - Maybe after the solar panels go up when most of the electric usage will be generated, not purchased

## Next Meeting

- Monday October 12th 6 PM Town Offices