

Meeting Minutes – COOP Facilities Committee

August 6th, 2025

Attendees: Tom Solon, Mike Leavitt, Rob Mann, Brian Rater, Gina Bergskaug, Raul Blanche, Lance Finamore, Lance Flamino, Mike Pelzar, Matt Smith, Ben Gordesky, Rob Boggis, Jeff Murphy

Meeting Start

Minutes were transcribed from handwritten notes from Lance:

- Battery Systems
 - o Ben's PowerPoint presentation(attached)
- Battery Information
 - o Emergency Shelter
 - o NHDOE Regulations
 - 4 day run time as an emergency shelter
- Battery system
- Mike from Renon
 - o Been around since 2014
 - o Over a million projects worldwide
 - o Lithium something
- Battery specifics
 - o Swap zero export off once net-metering in place
- Jeff from SRC
 - o Fire Protection aspects
 - Battery fire safety point of view
- Question: Replacement
 - o Battery replacement included in initial quote
 - o Finite amount of money
 - o Decisions can't make a recommendation
 - Budgetary estimate
 - Cost being proposed for recommended
- Firm grasp on costs
 - o Ben will get us a cost breakdown for batteries
- Question: How much capacity will be lost during non-peak times
 - o If you're not net-metered, you're losing

- Three paths
 - Option 1: Like battery system
 - Option 2: Don't like the battery system
 - Option 3: Enough uncertainty, want to avoid risk, buy panels, wait for interconnect.
 - Question: Lead time for batteries, two months.
 - Peak shaving and resiliency can set priority ourselves
 - What can we order today and how it qualifies
 - Start of construction

- Which option are we choosing and how we relay.

Adjournment

Notes: September 3rd – Next Meeting

Attached PowerPoint Presentation:

Hollis Brookline Solar Plus Storage

Propose solar plus storage for High School and solar for Middle School

Hollis Brookline Solar Plus Storage

- Can be designed as zero export system, if needed
- Zero export system reduces Eversource interconnection costs which helps pay for battery storage system
- Can reduce peak demands substantially
- Can provide power when grid is down
- Eligible for grant from NH DOE up to \$200K if battery backup is used for emergency shelter

Hollis Brookline Solar Plus Storage

- Net cost same as for standard solar arrays for both schools
- Solar panel capacity of 838 KW total from both schools

Project	Total Cost	DOE/Eversource Energy Storage Incentive	Elective Pay	Net Cost	Average Annual Savings	Payback (yrs)
High School Roof Plus Storage	\$1,480,067	\$200,000	\$326,417	\$953,650	\$96,654	11.6
Middle School Roof	\$920,398	\$0	\$234,701	\$685,696	\$68,148	10.8
TOTAL / AVERAGE	\$2,400,465	\$200,000	\$561,118	\$1,639,346	\$164,802	11.2

Emergency Autonomy Battery vs Generator

- Existing Generator = 6 days
- Battery System = 20 hours
- Cost prohibitive for battery to equal generator (extra \$2.5M)
- Table below shows additional costs for increasing battery autonomy

Battery Autonomy Costs	
Hours of Autonomy	Extra Cost
20	\$0
24	\$150,000
48	\$550,000
60	\$850,000

Final Thoughts

- Battery system will enable high school project to happen in a timely fashion
- Due to current political situation time is of the essence in deciding the direction of this project
- Need to commence construction before end of year. Commencing high school should carry middle school as they are under one contract
- IRS definition of commence construction is still not completely known due to Trump EO
- Battery lead time = 2 months±
- Solar panel lead time = 1 month
- Need decision on battery system (yay/nay) before ordering solar panels as without batteries the solar arrays would be larger