



Proposed SHELD Battery Energy Storage (BESS) Project



Project FACTS

- To be located at SHELD Pineshed Substation on Pine Street, South Hadley
- Project is 3 megawatts/ 15 megawatt hours
- Capable of supplying 10% of SHELD's energy needs for 5 hours
- SHELD has partnered with Lightshift Energy, a leading distributed storage operator, which will manage the battery system on behalf of SHELD
- Lightshift is actively managing 6 systems in MLP territories built since 2024; 10+ currently under construction and development

Project BENEFITS



NO Cost to SHELD;
Project Forecasted to Save
Utility **\$6 Million** Over 20 Years



Using the system as a peak
shaving resource keeps
SHELD rates low



Will enable the transition to
renewable energy by leveraging
inexpensive mid-day solar and/or
overnight wind to support
charging of the system



Will discharge during peak
evening demand, displacing
higher cost, more carbon-
emitting energy

About SHELD

SHELD is the consumer-owned public power utility serving more than 7,900 customers in South Hadley. Since 1914, SHELD has been working to find the best, most efficient, and safest way to bring homes and businesses the power they need at the lowest possible rates.