

# Factorial Energy

## STATUS:

Operational

## LOCATION:

Methuen, MA (Essex County)

## CONGRESSIONAL DISTRICT:

Massachusetts 3rd

## TECHNOLOGY(S):

Battery Manufacturing

## RELEVANT TAX PROVISION(S):

- Manufacturing Production Tax Credit (45X)

## FAST FACTS:

- Factorial Energy opened its battery manufacturing facility in Methuen, MA in 2023. Factorial invested \$50 million and at full capacity, the facility will create 150 local jobs.
- The 200 MWh factory will be the largest solid-state battery assembly line in the U.S.
- Thanks to the Manufacturing Production Tax Credit (45X), Factorial will build its solid-state battery cells here in the U.S., bolstering the domestic supply chain for critical minerals and batteries.



## ADVANCED ENERGY IN MASSACHUSETTS BY THE NUMBERS:

**136,200**

Advanced Energy Jobs

**5%**

Advanced Energy Job Growth Rate

**22%**

EV Job Growth Rate

**5%**

Solar Job Growth Rate

## SOURCES

- "Factorial Energy Opens New Manufacturing Facility to House Largest Solid-State Battery Line in the US," Businesswire, October 2023
- "2024 Advanced Energy Employment Fact Sheets," Advanced Energy United, October 2024
- "National Solar Jobs Census 2023," Interstate Renewable Energy Council (IREC), September 2024