Safe Haven for Schools: Optimizing Solar Systems at Schools with Other Sources for Emergency Power

- State of Connecticut – 2013
- Grant-Award Winning Interconnection and Microgrid Design for Benefit of Town of Windham
- Based upon Principles of DERP TECH Power Continuity Unit
“Resilient Communities are Better Places to Live, to Work and to Visit”

PCU Device is the heart of the Energy Resiliency System, designed to “Bridge the Gap Between the Legacy Grid and the Smart Grid”.

Customers: utility, private and institutional substation owners local communities PLUS Community/Shared Power

Energy Benefits: Distributed generation reduces risks (climate; continuity; peak load; cascading failure) may reduce wear/tear on older/“legacy” grid.

Economic Benefits: Decentralized Power –Improves “yield” Local ownership = local jobs

Security Benefits: Safer; prevents/reduces recovery time from power- losses jobs and
MEMORABLE IMAGES = LEARNING OPPORTUNITIES

- Carnival Cruises
- When the lights went on in the Superdome after Sheltering for Hurricane Katrina.
- Japan's Tsunami
WHEN "ENERGY JOBS" = "LOCAL JOBS"

SERVING THIS GROWING COMMUNITY SINCE 1896

WITH CHEAP and AMPLE ELECTRIC POWER

The Hagerstown and Frederick Railway Co. (a predecessor of The Potomac Edison Co.) purchased Hagerstown’s first light plant in 1896. Since this small beginning, P.E.’s electric power facilities have grown until today when 21 sources of power are now available to customers in this area.

And Reddy is already planning for a big electrical future here. New generating units, new power lines, new facilities to help you Live Better...Electrically.

THE POTOMAC EDISON COMPANY