



GO BEYOND

Pratt & Whitney: CPES - The Future of Energy

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PW Connecticut footprint

Headquarters, Manufacturing, Assembly & Test



East Hartford
4.4M square feet



Middletown
1.9M square feet

Distributed Generation

Co-Generation Facility

The combined heat and power plants:
Significantly reduce greenhouse gas emissions and operating costs, generating enough power to meet or exceed site electrical energy and the majority of the steam for winter heating, summer cooling and manufacturing process equipment.

East Hartford

31 MW

Middletown

7.5 MW + 800kW Fuel cells



Energy Efficiency

Projects

LED lighting upgrades

HVAC AHU and controls upgrades

Variable speed drives on fans and pumps

Compressed air uses

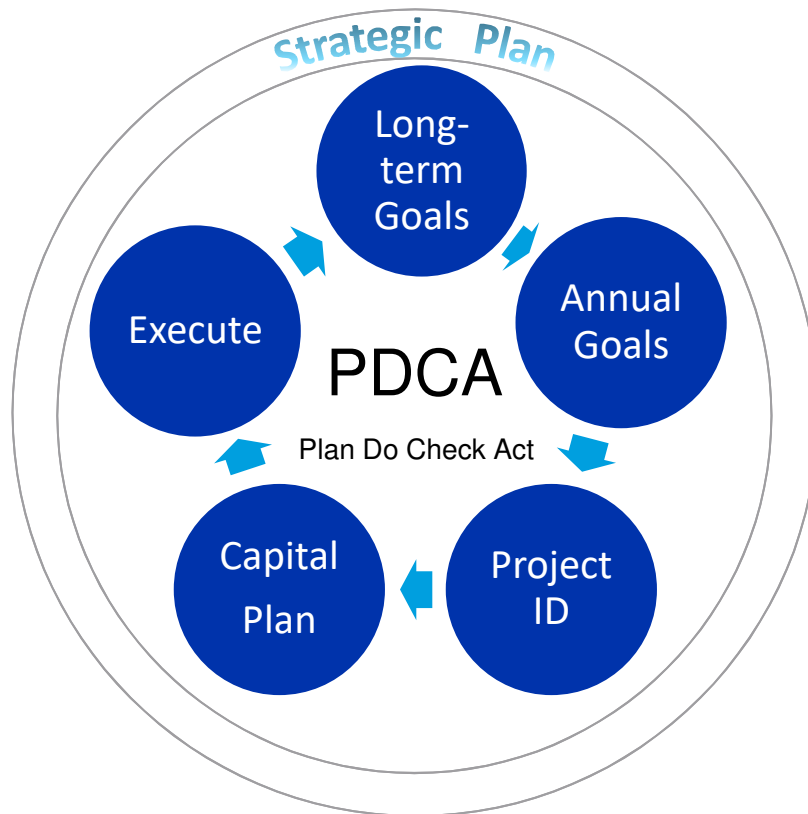
Steam and compressed air leaks audits and repairs

Shut it off program

Large motor management



Factory/Facility Approach



Project
Sharing

Effective
Practices

Education &
Training

Strategic
Tools

Leadership Commitment



“The whole future of our company is really going to be based on two things; innovation and sustainability.”

- Greg Hayes | Chairman and CEO, UTC

“Sustainable operations are good for employees, the environment and business... Whether it's shrinking our factories' footprint, developing innovative technologies or providing quieter, cleaner and more efficient products, we are committed to growing our company sustainably.”

- Bob Leduc | President, P&W



2020 Goals



Questions?

