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CHP / Onsite Energy Technical Assistance Tools from US DOE's NY/NJ CHP TAP

The Pace Land Use Law Center for Sustainability (LULC) is pleased to announce the availability of *No Cost* Onsite Energy evaluations, supported by the U.S. Department of Energy's New York / New Jersey Combined Heat and Power Technical Assistance Partnership (NY/NJ CHP TAP).
Operated out of the Pace LULC, and with the assistance of three expert engineering / technical assistance contractors the NY/NJ CHP TAP offers free assistance for CHP and Onsite energy systems.

Technical Services
As leading experts in CHP (as well as microgrids, heat to power, and district energy) the CHP TAPs work with sites to screen for CHP opportunities as well as provide advanced services to maximize the economic impact and reduce the risk of CHP from initial CHP screening to installation.

Learn More about the LULC's NY/NJ CHP TAP, funded by the U.S. Department of Energy
https://chp.ecatalog.ornl.gov/chp-taps
https://betterbuildingssolutioncenter.energy.gov/chp/new-york-new-jersey-chp-technical-assistance-partnership
US DOE's CHP TAPs cover all 50 states and Puerto Rico. If you are outside of NY/NJ Region find more information about the US DOE's national network of CHP TAPs here at the Better Buildings Better Plants site
https://betterbuildingssolutioncenter.energy.gov/chp/chp-taps

Where are CHP/District Energy/Microgrid Systems Likely to be Sited?		
Hospitals	Health Care	Nursing Homes
Mixed Use Developments	Central Business District Core	Multifamily
Colleges / Universities	"Centers of Refuge", heat/cooling emergency center	Schools. YMCA
Wastewater Treatment Plants	Pharmaceuticals (lowers CO2 in ***many types*** of energy intensive Industries)	Hotels
Food Processing	Supermarkets	Police/Fire/Public Safety
"Smart" Uses of Food Waste	Data Centers	Urban Agriculture / Local food

Critical Infrastructure and Activities Requiring Resiliency

"Critical infrastructure" refers to those assets, systems, and networks that, if incapacitated, would have a substantial negative impact on national security, national economic security, or national public health and safety."

Patriot Act of 2001 Section 1016 (e)

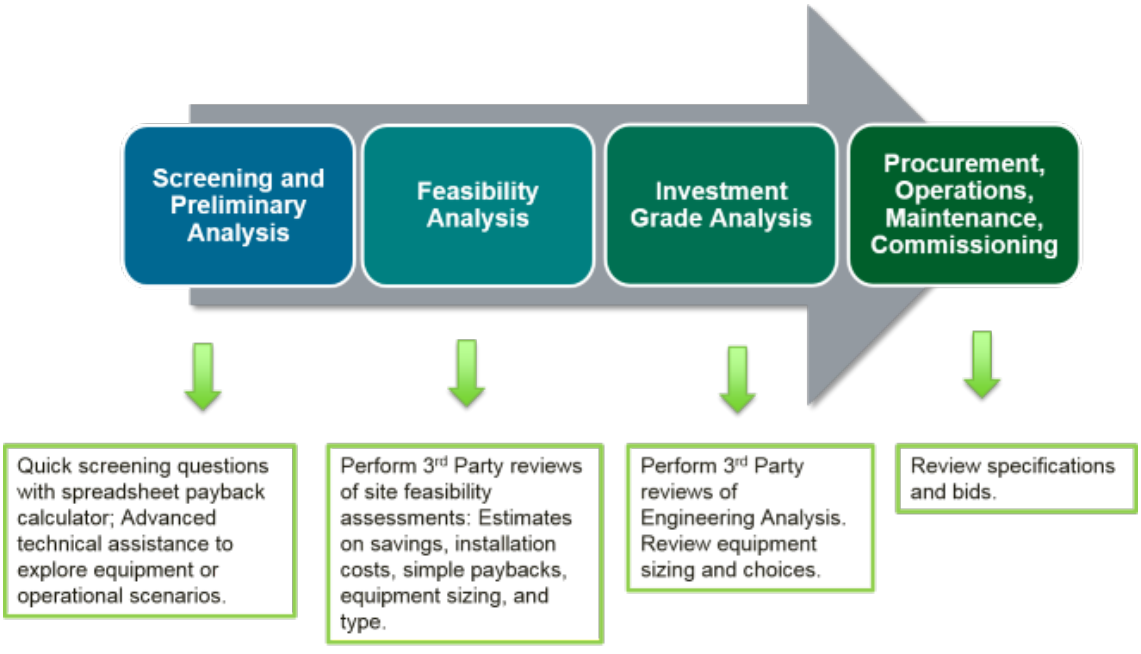
Applications:

- Hospitals and healthcare centers
- Water / wastewater treatment plants
- Police, fire, and public safety
- Centers of refuge (often schools or universities)
- Military/National Security
- Food distribution facilities
- Telecom and data centers
- Continuity of services

- Resiliency addresses life, health, safety matters
- It provides cooling and heating in emergencies
- It facilitates communication for first responders and emergency services
- It ensures adequate supplies of food and drink
- It allows financial transactions and avoids economic chaos

U.S. Department of Energy
CHP Technical Assistance Partnerships

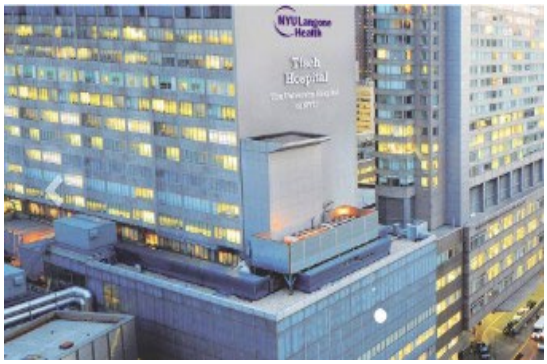
CHP TAP Role: Technical Assistance



Examples of Sites Using Microgrids



Wastewater treatment plants



NYU Langone Hospital

U.S. Department of Energy
CHP Technical Assistance Partnerships

Better Buildings
U.S. DEPARTMENT OF ENERGY

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NEW YORK-NEW JERSEY CHP TECHNICAL ASSISTANCE PARTNERSHIP

Are you considering a CHP project? The New York-New Jersey CHP Technical Assistance Partnership (CHP TAP) offers complimentary screenings, technical assistance, and expert advice to help determine if CHP is a good fit for your site. As leading experts in CHP—as well as microgrids, heat to power, and district energy—we work with sites to screen for CHP opportunities as well as provide advanced services to maximize the economic impact and reduce the risk of CHP from initial screening to installation. Contact us to set up a screening or ask us a question.

New York-New Jersey CHP TAP Contact:
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Partners: Pace University, University of Massachusetts
States: New Jersey, New York



New York/ New Jersey CHP TAP:

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For more information about the TAPs:
https://betterbuildingssolutioncenter.energy.gov/chp/chp-taps

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