

Energy Conservation & CHP

INTEGRATED ENERGY CONCEPTS ENGINEERING P.C.

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The leader in energy efficiency and energy conservation

ENERGY
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- *Financing options*
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Fairway Market at Red Hook Wins

Recently the Fairway Supermarket in Red Hook's was recognized for its contribution to the neighborhood. The Municipal Art Society of New York presented the facility with the award for Best Neighborhood Catalyst, for a newly restored building that is "spurring revitalization in the surrounding neighborhood" at the Sixth Annual Masterwork Awards.

The supermarket occupies the first two floors of the newly renovated warehouse at 480 Van Brunt Street in Brooklyn, formerly an abandoned city owned warehouse.

Together developer Gregg O'Connell and Fairway Supermarket revitalized the abandoned structure to

house the new supermarket, café and apartments overlooking the city and the Stature of Liberty. As part of the development, Energy Concepts designed and coordinated the construction of the combined heat and power plant, consisting of modular Coast Intelligent cogeneration units totaling 600 KW, a 400 Ton Trane hot water absorber, using waste heat from the cogen units to cool the building, as well as modular hot water boilers to provide supplemental heating to the facility.



Important Links

- Energy Concepts
- Fairway Market
- NYSERDA
- KeySpan Energy
- NYS DEC

Financing a Central Plant Renovation

One of the most common problems that we run into these days, is facilities trying to keep ageing equipment running on a shoestring budget. As the economy gets more aggressive, and competition for business increases, often times the equipment at the heart of a process

or facility is the first to get overlooked.

Fortunately, there may be an answer. Coupling a renovation or remodel project with an energy conservation project may be just the help needed. An energy project with good

savings forecasts can provide a normally capital investment project with a means to realize a payback. We have been very successful in helping facilities to set up energy projects, taking a typical 3 to 5 year payback project, and stretching it out to 10 continued on next page

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Continued from first page. (Financing) to 15 years allowing the energy savings to payback the loan over the extended time frame.

With this, new boilers, chillers, HVAC system even electrical system upgrades, etc. can be accomplished with minimal or no capital investment from the facility.

There are tax laws and regulatory pro-

cedures that need to be followed when developing these types of projects, but the end result can be very rewarding for the facility and its operators.

Nursing Homes, Hospitals, schools etc, have all benefited from this process.

We need your input!!

Please give us your feed back on the newsletter. Is there a subject you would like us to talk about? Have a subject you would like to share with others?

Send your ideas, this can only be as good as your feedback.

Thanks,

EC.

Welcome Aboard

Energy Concepts would like to announce the most recent additions to the Rochester office. John Bailes, Gavin Campbell, and Robert Meyers have recently joined Energy Concepts in our effort to grow and provide more excellent service to our clients.



If we could only put energy into a glass!!