



The Quarterly Meeting Presentation - The 3G Project

The quarterly meeting was held on March 20th at ConEdison's headquarters at Irving Place. Council delegates were treated to a preview of their 3G Power Distribution Initiative presentation, which will be given in full at the Tech Conference. The presentation outlined the history of power distribution in the city. It all started with overhead power lines that were initially used to conveying power throughout entire the city. It was soon discovered that overhead power lines have a major disadvantage, in that severe weather can bring them down, creating unreliable and unsafe conditions. After a major snowstorm, a law mandated all overhead power lines in Manhattan to be buried in the ground. Hence, 2G represents the underground cable method of transmitting power. The new concept for power distribution is being called 3G. The hallmark of 3G is to reduce the amount of redundancy while increasing reliability. This is accomplished with fewer substations and longer distribution runs while increasing the ability for substations to transfer power when situations demand. Another aspect of 3G is increasing efficiency by utilizing shared utility tunnels, allowing electricity, steam, water and other utilities to use the same tunnel. This presents some engineering challenges, but it has been done with proven reliability in other countries and even New York City decades ago. Other ConEdison initiatives include the sharing of engineering knowledge with other countries. For example, an employee from a Japanese utility company works as an employee of ConEdison providing computer programming expertise in exchange for learning how ConEdison maintains its superior electrical power quality.



The Green Building Collaborative

The Dormitory Authority of the State of New York has launched a collaborative initiative among state agencies involving green building called the Green Building Collaborative. Its goal is to "harness the financial and technical resources of all participating organizations in an effort to increase green components and energy efficiency measures in buildings throughout the state." The four core agencies include the Dormitory Authority of the State of New York (NYIEC member), the New York Power Authority (NYIEC Member), the Long Island Power Authority, and the New York State Energy Research and

Development Authority. Several other agencies provide best practices and knowledge to the collaborative.

The collaborative is working on several pilot projects, and new ones are being proposed each week. The current pilot projects include:

SUNY - Stony Brook, Delhi, Oswego, North Country Community College, Old Westbury Community College

CUNY - Borough of Manhattan Community College

Adam Clayton Powell NYS Office Building in Harlem

Cornell University

NYIEC will keep you information on the work of The Green Building Collaborative. To find out how your agency can get involved, email Gale Katzman or call (518) 2573460, or visit their website at [www. http://www.dasny.org](http://www.dasny.org) and click on the "DASNY Goes Green" heading



NEW YORK CITY. MAKE IT HERE.

New Member

Welcome to the New York City Economic Development Corporation (NYCEDC) to the council! The NYCEDC is a primary vehicle for promoting economic growth through out the city. Their mission statement, "New York City Economic Development Corporation's mission is to encourage economic growth in each of the five boroughs of New York City by strengthening the City's competitive position and facilitating the investments that build capacity, generate prosperity, and catalyze the economic vibrancy of City life as a whole." As such, they oversee major transportation, infrastructure, and waterfront development projects. The council's agency representative is David Kane, PE., AICP. A link to NYCEDC is now included in the NYIEC website.

In addition, a representative from the New York City Housing Authority has contacted us, and is very interested in joining the council. He is in the process of obtaining the agency's approval for membership.



The Technical Conference Update: Planning & Building for New York City's Future

Its official, we were able to reduce the conference registration fee for NYIEC member agencies to \$95.00, down from \$125.00. The date and venue has been finalized. It will be held on June 5th at the Frank Sinatra HS auditorium at 30-20 Thomson Avenue, in Long Island City. As in the past a breakfast buffet, and lunch will be provided, as well as a CD including most of the conference presentations. CEU credits will

once again be offered. Information has been, and will continue to be updated on the NYIEC web site.



Pennsylvania's Governor Rendell, California's Governor Schwarzenegger, and Mayor Bloomberg have formed this bipartisan coalition in response to address the neglect of the nation's infrastructure. The Coalition aims to bring together our nation's leaders to help create an environment where funding for infrastructure can be restored to the level of the national priority that it should be. The Coalition will be a repository of best practices on infrastructure funding issues, perform analysis, and offer opinions on emerging infrastructure issues. The Rockefeller Foundation has committed a grant to ensure that the Coalition has the resources to be fully staffed to carry out its mission. NYIEC has extended an invitation to Building America's Future, to attend our upcoming technical conference. The link to Building America's Future is on our website.



NYIEC website www.nyiec.org

Currently we have informational links to ENR, New York Construction News, Building America's Future, the Blue Book Contractors Register, NYC's prevailing wage rates, the NYC Building Code, and New York State's Office of General Service's forms and specifications. Would like to add any others that you think would be useful? Any news that you want included in the website or newsletter. If so, let us know via the contact us section of the website.