

***Brooklyn-Port Authority Marine Terminal –
Brooklyn Cruise Terminal – Shore Power
Installation – Project Re-Authorization***

**Committee on Construction
June 28, 2012**

Background – Brooklyn Cruise Terminal



Pier 12

Red Hook Container Terminal

Pier 11

Shore Power Installation Project

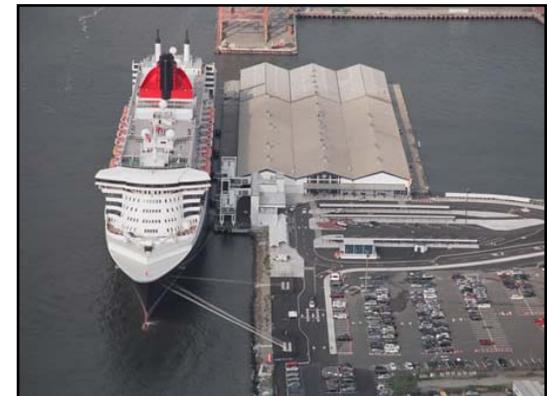
Scope of Work

- Project Scope:
 - construction of three isolation transformers, switchgear and an outdoor substation
 - routing of power via duct bank from the outdoor substation to the shore power substation
 - cable handling equipment for routing of power to the vessel interface



Project Benefits

- Improves air quality by reducing emissions from cruise ships berthed immediately adjacent to a densely populated residential area
- Reduces the amount of fuel used by cruise ships while at berth
- Results in health benefits to the local community
- Results in a projected total economic impact of 30 job-years, \$1.4 million in wages and \$22 million in economic activity



Shore Power Installation Project Requested Increase and Project Schedule

- Previously Authorized Amount: \$15.0 million*
- Additional Funding Requested: \$ 4.3 million**
- Revised Total Project Cost: \$19.3 million

- Staff: \$1.7 million
- Consultants: \$5 million (*including \$3.1 million for the purchase of equipment*)

- Forecasted Construction Completion: September 2014

** \$2.858 million funded through USEPA Grant*

*** Funding to be provided through the PA's Bi-State Dredging commitment at the request of the State of New York*