

**BEFORE THE
NEW JERSEY BOARD OF PUBLIC UTILITIES**

I/M/O OFFSHORE WIND TRANSMISSION

:
: **Docket No. QO20100630**
:

**RESPONSE OF JERSEY CENTRAL POWER & LIGHT COMPANY
TO
CLARIFYING QUESTIONS SET 2**

Clarifying Question:

JCP&L's first CQ response explains: "A gas insulated substation ("GIS") solution is under consideration for Smithburg substation to minimize environmental impact, although this may increase the estimated cost." (at 4) Please provide the amount of increased estimated cost for a GIS solution. Please compare the cost of the alternate GIS solution with the currently-proposed solution, and describe the incremental benefits of a GIS solution.

Response:

The difference in estimated cost for the alternate GIS solution (~\$113 million) and the currently proposed solution (~\$109 million) is approximately \$4 million. The benefit of a GIS Solution at Smithburg Substation is the reduced environmental impact to freshwater wetlands, transition areas, and the riparian zone since the footprint of the Smithburg Substation expansion would be reduced. Although still necessary with the GIS solution, mitigation requirements will be diminished by reducing the impacts to the wetlands, transition areas and riparian zone.

Respectfully submitted,

ROTHFELDER STERN, L.L.C.
COUNSEL FOR
JERSEY CENTRAL POWER & LIGHT COMPANY



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Martin C. Rothfelder, Esq.
Rothfelder Stern, L.L.C.
407 Greenwood Avenue, #301
Trenton, NJ 08609
(609) 394-1000
mrothfelder@rothfelderstern.com