

Exhibit 3: Sample Reliability Test Results from Companies' Analysis

Case: New Haven Harbor In Service – NY to NE Flow = 0 MW

| Most Severe Transmission Element Overloads | | | Project | East Shore Alternative (ESA) | |
|--|------------|--------------|--------------------------|------------------------------|--------------------------------------|
| From Bus | To Bus | Voltage (kV) | % of Rating ¹ | % of Rating | |
| PRE-CONTINGENCY OVERLOADS | | | | | |
| FLAX HILL | RYTNJB | 115 | 100.5 | none | Comparable or Better ESA performance |
| NORWALK | FLAX HILL | 115 | 121.0 | 120.5 | Comparable or Better ESA performance |
| RYTNJA | NORWALK | 115 | 112.7 | 112.2 | Comparable or Better ESA performance |
| POST-CONTINGENCY OVERLOADS | | | | | |
| SCOVL RK | E.SHORE | 345 | none | 106.0 | |
| SOUTHGTN | SGTN B | AUTO | 102.5 | 121.1 | |
| BCNFL PF | DRBY J B | 115 | 131.0 | 132.1 | |
| HADDAM | BOKUM | 115 | none | 109.3 | |
| SHAWSHIL | BUNKER H | 115 | none | 104.3 | |
| TRMB J A | PEQUONIC | 115 | none | 101.7 | |
| SINGNOR2 | NORSING2 | 345 | 109.5 | none | Comparable or Better ESA performance |
| GRAND AV | WEST RIV | 115 | 106.8 | 101.7 | Comparable or Better ESA performance |
| GRAND AV | WEST RIV-2 | 115 | 106.8 | 101.7 | Comparable or Better ESA performance |
| WATER ST | WEST RIV | 115 | 100.6 | none | Comparable or Better ESA performance |
| MIDDLRIV | TRIANGLE | 115 | NC ² | 223.2 | Comparable or Better ESA performance |
| PLUMTREE | MIDDLRIV | 115 | NC ² | 284.3 | Comparable or Better ESA performance |
| PLUMTREE | TRIANGLE | 115 | NC ² | 177.4 | Comparable or Better ESA performance |
| PLUMTREE | TRIANGLE-2 | 115 | 135.1 | 135.2 | |
| SO END | GLNBRK J | 115 | 123.2 | 123.2 | Comparable or Better ESA performance |
| WATERSIDE | COS COB | 115 | 124.8 | 124.8 | Comparable or Better ESA performance |
| WATERSIDE | GLNBRK | 115 | 102.5 | 102.5 | Comparable or Better ESA performance |
| CRRA JCT | ASHCREEK | 115 | 100.2 | 100.3 | |
| FLAX HIL | RYTN J B | 115 | 178.3 | 177.9 | Comparable or Better ESA performance |
| GLNBROOK | ELYAVE | 115 | 153.8 | 153.9 | |
| GLNBROOK | RYTN J A | 115 | 101.3 | 101.8 | |
| GLNBROOK | RYTN J B | 115 | 146.4 | 146.5 | |
| NORWALK | FLAX HIL | 115 | 195.6 | 195.3 | Comparable or Better ESA performance |
| NWLK HAR | ELYAVE | 115 | 158.1 | 158.4 | |
| NWLK HAR | RYTN J B | 115 | 104.4 | 104.3 | Comparable or Better ESA performance |
| RYTN J A | NORWALK | 115 | 181.2 | 180.8 | Comparable or Better ESA performance |
| RYTN J A | NWLK HAR | 115 | 144.0 | 144.4 | |

Source: ISO-NE, "Comparison of Middletown to Norwalk Project vs. East Shore Alternative," 2-18-04, Sec 4.1, Table 3

¹ A Higher % number implies a more severe overload. For pre-contingency overloads, the "% of Rating" is relative to the Normal rating, and for post contingency overloads, the "% of Rating" refers to the Long-Term Emergency (LTE) Rating. See Exhibit 1 for definition of Thermal Loading Performance Criteria.

² "NC" = Not converged in the analysis. This typically implies severe problems exist.