

**ANNEX A**

**SYSTEM PHASING DIAGRAMS**

# PJM VOLTAGE PHASE RELATIONS

## VOLTAGE PHASE RELATIONS – ROTATION COUNTERCLOCKWISE

|                                      | 500 KV | 345 KV                 | 230 KV | 138 KV | 115 KV | 69 KV | 46 KV | 34.5 KV | 25 KV | 22 KV | 13.2 KV       |
|--------------------------------------|--------|------------------------|--------|--------|--------|-------|-------|---------|-------|-------|---------------|
| PUBLIC SERVICE ELECTRIC & GAS CO.    |        |                        |        |        |        |       |       |         |       |       |               |
| BALTIMORE GAS & ELECTRIC CO.         |        |                        |        |        |        |       |       |         |       |       |               |
| POTOMAC ELECTRIC POWER CO.           |        |                        |        |        |        |       |       |         |       |       |               |
| PECO ENERGY                          |        |                        |        |        |        |       |       |         |       |       |               |
| PP&L INC.                            |        |                        |        |        |        |       |       |         |       |       |               |
|                                      |        | SAFE HARBOR & HOLTWOOD |        |        |        |       |       |         |       |       | LANCASTER<br> |
| GPU ENERGY JCP & L                   |        |                        |        |        |        |       |       |         |       |       |               |
| GPU ENERGY METROPOLITAN EDISON CO.   |        |                        |        |        |        |       |       |         |       |       |               |
| GPU ENERGY PENNSYLVANIA ELECTRIC CO. |        |                        |        |        |        |       |       |         |       |       |               |
| DELMARVA POWER AND LIGHT             |        |                        |        |        |        |       |       |         |       |       |               |
| DUQUESNE LIGHT COMPANY               |        |                        |        |        |        |       |       |         |       |       |               |

\* TYPICAL AT MOST INSTALLATION; ANY SPECIFIC AREA SHOULD BE CHECKED.