



# Appendix A

# Interchange Tables

January 25, 2007

**2011 SUMMER PEAK  
DUKE ENERGY CAROLINAS  
DETAILED INTERCHANGE**

Duke Energy Carolinas Scheduled Imports/Purchases

|                           | <u>Base Case</u> | <u>PEC TRM Case</u> |
|---------------------------|------------------|---------------------|
| CPLE (NCEMC)              | 200 MW           | 0 MW                |
| CPLE (City of Seneca)     | 31 MW            | 31 MW               |
| PJM (NCMPA1)              | 40 MW            | 40 MW               |
| SCEG (City of Greenwood)  | 57 MW            | 57 MW               |
| SCEG (NCEMC)              | 100 MW           | 100 MW              |
| SCPSA (New Horizons/NHEC) | 880 MW           | 880 MW              |
| SEPA (Hartwell)           | 156 MW           | 156 MW              |
| SEPA (Thurmond)           | 113 MW           | 113 MW              |
| SOCO (PMPA)               | <u>180 MW</u>    | <u>180 MW</u>       |
| Total                     | 1757 MW          | 1557 MW             |

Duke Energy Carolinas Scheduled Exports/Sales

|                               | <u>Base Case</u> | <u>PEC TRM Case</u> |
|-------------------------------|------------------|---------------------|
| CIN                           | 350 MW           | 350 MW              |
| CPLE (Broad River)            | 850 MW           | 850 MW              |
| CPLE (Lincoln)                | 50 MW            | 50 MW               |
| CPLE (NCEMC)                  | 100 MW           | 100 MW              |
| CPLE (PEC TRM VACAR Reserves) | 0 MW             | 506 MW              |
| TVA                           | <u>200 MW</u>    | <u>200 MW</u>       |
| Total                         | 1550 MW          | 2056 MW             |

|                                       |         |        |
|---------------------------------------|---------|--------|
| Duke Energy Carolinas Net Interchange | -207 MW | 499 MW |
|---------------------------------------|---------|--------|

Note:

Positive net interchange indicates an export and negative interchange an import.

**2011 SUMMER PEAK  
PROGRESS ENERGY CAROLINAS (EAST)  
DETAILED INTERCHANGE**

Progress Energy Carolinas (East) Scheduled Imports/Purchases

|                               | <u>Base Case</u> | <u>PEC TRM Case</u> |
|-------------------------------|------------------|---------------------|
| AEP (NCEMC)                   | 305 MW           | 305 MW              |
| AEP (PEC TRM)                 | 0 MW             | 97 MW               |
| AEP (Rockport)                | 250 MW           | 250 MW              |
| CPLW                          | 0 MW             | 150 MW              |
| DUKE                          | 50 MW            | 50 MW               |
| DUKE (Broad River)            | 850 MW           | 850 MW              |
| DUKE (NCEMC in Duke)          | 100 MW           | 100 MW              |
| DUKE (PEC TRM VACAR Reserves) | 0 MW             | 506 MW              |
| DVP (3 Towns plus Sharpsburg) | 20 MW            | 20 MW               |
| DVP (PEC TRM)                 | 0 MW             | 836 MW              |
| DVP (SEPA-Kerr Dam Project)   | 95 MW            | 95 MW               |
| SCEG (NCEMC)                  | 150 MW           | 150 MW              |
| SCEG (PEC TRM)                | 0 MW             | 200 MW              |
| SCPSA (Co-Gen)                | 9 MW             | 9 MW                |
| SCPSA (PEC TRM)               | 0 MW             | 196 MW              |
| SOCO (NCEMC)                  | <u>25 MW</u>     | <u>25 MW</u>        |
| Total                         | 1854 MW          | 3839 MW             |

Progress Energy Carolinas (East) Scheduled Exports/Sales

|                       | <u>Base Case</u> | <u>PEC TRM Case</u> |
|-----------------------|------------------|---------------------|
| CPLW                  | 50 MW            | 0 MW                |
| DUKE (City of Seneca) | 31 MW            | 31 MW               |
| DUKE (NCEMC)          | 200 MW           | 0 MW                |
| DVP (Littleton)       | 9 MW             | 9 MW                |
| DVP (NCEMPA)          | <u>165 MW</u>    | <u>165 MW</u>       |
| Total                 | 455 MW           | 205 MW              |

Progress Energy Carolinas (East) Net Interchange-1399 MW      -3634 MW

Note:

Positive net interchange indicates an export and negative interchange an import.

**2011 SUMMER PEAK  
PROGRESS ENERGY CAROLINAS (WEST)  
DETAILED INTERCHANGE**

Progress Energy Carolinas (West) Scheduled Imports/Purchases

|       | <u>Base Case</u> | <u>PEC TRM Case</u> |
|-------|------------------|---------------------|
| CPLE  | 50 MW            | 0 MW                |
| TVA   | <u>14 MW</u>     | <u>14 MW</u>        |
| Total | 64 MW            | 0 MW                |

Progress Energy Carolinas (West) Scheduled Exports/Sales

|       | <u>Base Case</u> | <u>PEC TRM Case</u> |
|-------|------------------|---------------------|
| CPLE  | <u>0 MW</u>      | <u>150 MW</u>       |
| Total | 0 MW             | 150 MW              |

|                                                         |        |
|---------------------------------------------------------|--------|
| Progress Energy Carolinas (West) Net Interchange -64 MW | 136 MW |
|---------------------------------------------------------|--------|

Note:

Positive net interchange indicates an export and negative interchange an import.

**2010-11 WINTER PEAK  
DUKE ENERGY CAROLINAS  
DETAILED INTERCHANGE**

Duke Energy Carolinas Scheduled Imports/Purchases

|                           | <u>Base Case</u> | <u>PEC TRM Case</u> |
|---------------------------|------------------|---------------------|
| CPLE (NCEMC)              | 100 MW           | 100 MW              |
| CPLE (City of Seneca)     | 22 MW            | 22 MW               |
| SCEG (City of Greenwood)  | 40 MW            | 40 MW               |
| SCEG (NCEMC)              | 60 MW            | 60 MW               |
| SCPSA (New Horizons/NHEC) | 859 MW           | 859 MW              |
| SEPA (Hartwell)           | 156 MW           | 156 MW              |
| SEPA (Thurmond)           | 113 MW           | 113 MW              |
| SOCO (PMPA)               | <u>61 MW</u>     | <u>61 MW</u>        |
| Total                     | 1411 MW          | 1411 MW             |

Duke Energy Carolinas Scheduled Exports/Sales

|                               | <u>Base Case</u> | <u>PEC TRM Case</u> |
|-------------------------------|------------------|---------------------|
| CIN                           | 350 MW           | 350 MW              |
| CPLE (Broad River)            | 850 MW           | 850 MW              |
| CPLE (NCEMC)                  | 100 MW           | 100 MW              |
| CPLW (PEC TRM VACAR Reserves) | 0 MW             | 200 MW              |
| TVA                           | <u>200 MW</u>    | <u>200 MW</u>       |
| Total                         | 1500 MW          | 1700 MW             |

|                                       |       |        |
|---------------------------------------|-------|--------|
| Duke Energy Carolinas Net Interchange | 89 MW | 289 MW |
|---------------------------------------|-------|--------|

Note:

Positive net interchange indicates an export and negative interchange an import.

**2010-11 WINTER PEAK  
PROGRESS ENERGY CAROLINAS (EAST)  
DETAILED INTERCHANGE**

Progress Energy Carolinas (East) Scheduled Imports/Purchases

|                               | <u>Base Case</u> | <u>PEC TRM Case</u> |
|-------------------------------|------------------|---------------------|
| AEP (NCEMC)                   | 305 MW           | 305 MW              |
| AEP (Rockport)                | 250 MW           | 0 MW                |
| DUKE (Broad River)            | 850 MW           | 850 MW              |
| DUKE (NCEMC in Duke)          | 100 MW           | 100 MW              |
| DVP (3 Towns plus Sharpsburg) | 20 MW            | 20 MW               |
| DVP (SEPA-Kerr Dam Project)   | 95 MW            | 95 MW               |
| FPC                           | 50 MW            | 50 MW               |
| SCEG (NCEMC)                  | 150 MW           | 150 MW              |
| SCPSA (Co-Gen)                | 9 MW             | 9 MW                |
| SOCO (NCEMC)                  | <u>25 MW</u>     | <u>25 MW</u>        |
| Total                         | 1854 MW          | 1604 MW             |

Progress Energy Carolinas (East) Scheduled Exports/Sales

|                       | <u>Base Case</u> | <u>PEC TRM Case</u> |
|-----------------------|------------------|---------------------|
| CPLW                  | 120 MW           | 100 MW              |
| DUKE (City of Seneca) | 22 MW            | 22 MW               |
| DUKE (NCEMC)          | 100 MW           | 100 MW              |
| DVP (Littleton)       | 9 MW             | 9 MW                |
| DVP (NCEMPA)          | <u>142 MW</u>    | <u>142 MW</u>       |
| Total                 | 393 MW           | 373 MW              |

Progress Energy Carolinas (East) Net Interchange-1461 MW      -1231 MW

Note:

Positive net interchange indicates an export and negative interchange an import.

**2010-11 WINTER PEAK  
PROGRESS ENERGY CAROLINAS (WEST)  
DETAILED INTERCHANGE**

Progress Energy Carolinas (West) Scheduled Imports/Purchases

|                               | <u>Base Case</u> | <u>PEC TRM Case</u> |
|-------------------------------|------------------|---------------------|
| AEP (Rockport)                | 0 MW             | 250 MW              |
| AEP (PEC TRM)                 | 0 MW             | 42 MW               |
| CPLE                          | 120 MW           | 100 MW              |
| DUKE (PEC TRM VACAR Reserves) | 0 MW             | 200 MW              |
| TVA                           | <u>14 MW</u>     | <u>14 MW</u>        |
| Total                         | 134 MW           | 606 MW              |

Progress Energy Carolinas (West) Scheduled Exports/Sales

|                | <u>Base Case</u> | <u>PEC TRM Case</u> |
|----------------|------------------|---------------------|
| None Scheduled | <u>0 MW</u>      | <u>0 MW</u>         |
| Total          | 0 MW             | 0 MW                |

|                                                   |        |         |
|---------------------------------------------------|--------|---------|
| Progress Energy Carolinas (West) Net Interchange- | 134 MW | -606 MW |
|---------------------------------------------------|--------|---------|

Note:

Positive net interchange indicates an export and negative interchange an import.