



Appendix A

Interchange Tables

DRAFT – December 6, 2007

**2012 SUMMER PEAK
DUKE ENERGY CAROLINAS
DETAILED INTERCHANGE**

Duke Energy Carolinas Modeled Imports/Purchases

	<u>Base Case</u>	<u>PEC TRM Case</u>
CPLE (City of Seneca)	32 MW	32 MW
CPLE (NCEMC)	100 MW	0 MW
SCEG (City of Greenwood)	59 MW	59 MW
SCPSA (New Horizons/NHEC)	915 MW	915 MW
SEPA (Hartwell)	156 MW	156 MW
SEPA (Thurmond)	113 MW	113 MW
SOCO (EU2)	150 MW	150 MW
SOCO (NCMPA1)	60 MW	60 MW
SOCO (PMPA)	<u>208 MW</u>	<u>208 MW</u>
Total	1793 MW	1693 MW

Duke Energy Carolinas Modeled Exports/Sales

	<u>Base Case</u>	<u>PEC TRM Case</u>
CPLE (Broad River)	850 MW	850 MW
CPLE (Lincoln)	50 MW	50 MW
CPLE (NCEMC/Catawba)	122 MW	122 MW
CPLE (PEC TRM VACAR Reserves)	0 MW	508 MW
CPLW (Rowan)	150 MW	150 MW
DVP	<u>100 MW</u>	<u>100 MW</u>
Total	1272 MW	1780 MW

Duke Energy Carolinas Net Interchange	-521 MW	87 MW
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Note:

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

**2012 SUMMER PEAK
PROGRESS ENERGY CAROLINAS (EAST)
DETAILED INTERCHANGE**

Progress Energy Carolinas (East) Modeled Imports/Purchases

	<u>Base Case</u>	<u>PEC TRM Case</u>
AEP (NCEMC)	205 MW	205 MW
AEP (PEC TRM)	0 MW	97 MW
AEP (Rockport)	250 MW	250 MW
CPLW	200 MW	200 MW
DUKE	50 MW	50 MW
DUKE (Broad River)	850 MW	850 MW
DUKE (NCEMC/Catawba)	122 MW	122 MW
DUKE (PEC TRM VACAR Reserves)	0 MW	508 MW
DVP (PEC TRM)	0 MW	835 MW
DVP (SEPA-KERR)	95 MW	95 MW
DVP (3 Towns plus Sharpsburg)	23 MW	23 MW
SCEG (NCEMC)	250 MW	250 MW
SCEG (PEC TRM)	0 MW	200 MW
SCPSA (Co-Gen)	9 MW	9 MW
SCPSA (PEC TRM)	0 MW	195 MW
Total	2054 MW	3889 MW

Progress Energy Carolinas (East) Modeled Exports/Sales

	<u>Base Case</u>	<u>PEC TRM Case</u>
DUKE (City of Seneca)	32 MW	32 MW
DUKE (NCEMC)	100 MW	0 MW
DVP (Littleton)	9 MW	9 MW
DVP (NCEMPA)	156 MW	156 MW
DVP (PJM-Cravenwood)	47 MW	47 MW
Total	344 MW	244 MW

Progress Energy Carolinas (East) Net Interchange	-1710 MW	-3645 MW
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Note:

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

**2012 SUMMER PEAK
 PROGRESS ENERGY CAROLINAS (WEST)
 DETAILED INTERCHANGE**

Progress Energy Carolinas (West) Modeled Imports/Purchases

	<u>Base Case</u>	<u>PEC TRM Case</u>
DUKE (Rowan)	150 MW	150 MW
TVA (SEPA)	14 MW	14 MW
Total	164 MW	164 MW

Progress Energy Carolinas (West) Modeled Exports/Sales

	<u>Base Case</u>	<u>PEC TRM Case</u>
CPL	200 MW	200 MW
Total	200 MW	200 MW

Progress Energy Carolinas (West) Net Interchange	36 MW	36 MW
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Note:

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

**2016 SUMMER PEAK
DUKE ENERGY CAROLINAS
DETAILED INTERCHANGE**

Duke Energy Carolinas Modeled Imports/Purchases

	<u>Base Case</u>	<u>PEC TRM Case</u>
CPLE (City of Seneca)	34 MW	34 MW
CPLE (NCEMC)	100 MW	0 MW
SCEG (City of Greenwood)	64 MW	64 MW
SCPSA (New Horizons/NHEC)	1034 MW	1034 MW
SEPA (Hartwell)	156 MW	156 MW
SEPA (Thurmond)	113 MW	113 MW
SOCO (EU2)	295 MW	295 MW
SOCO (NCMPA1)	140 MW	140 MW
SOCO (PMPA)	<u>263 MW</u>	<u>263 MW</u>
Total	2199 MW	2099 MW

Duke Energy Carolinas Modeled Exports/Sales

	<u>Base Case</u>	<u>PEC TRM Case</u>
CPLE (Broad River)	850 MW	850 MW
CPLE (Lincoln)	50 MW	50 MW
CPLE (NCEMC/Catawba)	222 MW	222 MW
CPLE (PEC TRM VACAR Reserves)	0 MW	508 MW
CPLW (Rowan)	150 MW	150 MW
DVP	<u>100 MW</u>	<u>100 MW</u>
Total	1372 MW	1880 MW

Duke Energy Carolinas Net Interchange	-827 MW	-219 MW
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Note:

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

**2016 SUMMER PEAK
PROGRESS ENERGY CAROLINAS (EAST)
DETAILED INTERCHANGE**

Progress Energy Carolinas (East) Modeled Imports/Purchases

	<u>Base Case</u>	<u>PEC TRM Case</u>
AEP (NCEMC)	205 MW	205 MW
AEP (PEC TRM)	0 MW	97 MW
AEP (Rockport)	250 MW	250 MW
CPLW	200 MW	200 MW
DUKE	50 MW	50 MW
DUKE (Broad River)	850 MW	850 MW
DUKE (NCEMC/Catawba)	222 MW	222 MW
DUKE (PEC TRM VACAR Reserves)	0 MW	508 MW
DVP (PEC TRM)	0 MW	835 MW
DVP (SEPA-KERR)	95 MW	95 MW
DVP (3 Towns plus Sharpsburg)	25 MW	25 MW
SCEG (NCEMC)	250 MW	250 MW
SCEG (PEC TRM)	0 MW	200 MW
SCPSA (Co-Gen)	9 MW	9 MW
SCPSA (PEC TRM)	0 MW	195 MW
Total	2156 MW	3991 MW

Progress Energy Carolinas (East) Modeled Exports/Sales

	<u>Base Case</u>	<u>PEC TRM Case</u>
DUKE (City of Seneca)	34 MW	34 MW
DUKE (NCEMC)	100 MW	0 MW
DVP (Littleton)	11 MW	11 MW
DVP (NCEMPA)	165 MW	165 MW
DVP (PJM-Cravenwood)	47 MW	47 MW
Total	357 MW	257 MW

Progress Energy Carolinas (East) Net Interchange	-1799 MW	-3734 MW
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Note:

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

**2016 SUMMER PEAK
PROGRESS ENERGY CAROLINAS (WEST)
DETAILED INTERCHANGE**

Progress Energy Carolinas (West) Modeled Imports/Purchases

	<u>Base Case</u>	<u>PEC TRM Case</u>
DUKE (Rowan)	150 MW	150 MW
TVA (SEPA)	14 MW	14 MW
Total	164 MW	164 MW

Progress Energy Carolinas (West) Modeled Exports/Sales

	<u>Base Case</u>	<u>PEC TRM Case</u>
CPL	200 MW	200 MW
Total	200 MW	200 MW

Progress Energy Carolinas (West) Net Interchange	36 MW	36 MW
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Note:

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