# Duke Energy Carolinas Requirements for NAESB webRegistry Pseudo Tie Registrations

This document is provided as a guideline to customers who are trying to register a pseudo tie with Duke Energy Carolinas. Each pseudo tie can be different so registration may not be exactly as reflected below. The following criteria must be met in order for a NAESB webRegistry Pseudo Tie registration to be approved by Duke Energy Carolinas (Referred to as DEC or DUK). All new registrations will be validated against these rules. Questions can be directed to [scott.lewter@duke-energy.com](mailto:scott.lewter@duke-energy.com).

DEC will accept registrations for new Pseudo Ties no earlier than 120 days from the scheduled start of the Pseudo Tie providing all required communicating links are previously installed, otherwise 12 months. Registrations for new Pseudo Ties must be finalized 30 days prior to the scheduled start of the Pseudo Tie. Approval of a pseudo tie registration in webRegistry is not a blanket approval or commitment to implement a pseudo tie by Duke Energy Carolinas. A separate approval must be received by Duke Energy Carolinas prior to submitting for registration and approval in webRegistry.

For an import to DEC, DUK must be listed as both the last (sink) BA and the last TP

For an export from DEC, DUK must be listed as both the first (source) BA and the first TP

For a wheel across DEC, DUK must not be listed as a BA and DUK must be listed as a TP in the middle of two neighboring TPs

DUK may not be listed as a BA more than once

DUK may not be listed as a TP more than once

The listed BAs and TPs must have proper adjacency with respect to DEC. (entities adjacent to DEC must be directly connected to the DEC BA)

The POR and POD values on the DEC TP line should match the POR and POD on the related DEC Transmission Service Reservation(s)

The Scheduling Entity on the DEC TP line should list DUK

The Reliability Coordinator on the DEC BA and TP lines should be listed as VACS

The DEC Transmission Service Registrations that support the Pseudo Tie should be listed in the Transmission Contract Number field on the DEC TP line. If multiple TSRs are being used they should be separated by commas

If DUK is listed as the first (source) BA in the registration, the source value should reflect the DUK internal generator that is exporting to an external BA. (if a descriptive source does not already exist, it will need to be added separately to webRegistry)

If DUK is listed as the last (sink) BA in the registration, the sink value should reflect the DUK external load being served by DEC (if a descriptive sink does not already exist, it will need to be added separately to webRegistry). In the event a specific load is not being served, the sink point should be used.

The comment field should contain a brief description of the Pseudo Tie, including the max MW value.

The Existing Pseudo Tie flag should not be checked.

The Effective Start Date should reflect the actual start date of the Pseudo Tie.

The Effective Stop Date should reflect the end of the Pseudo Tie agreement between DEC and the Customer. In the event no formal stop date has been identified, the Effective Stop Date must be no later than the stop date of the related DEP Transmission Service Reservation(s). If multiple TSRs are being used, DEC will validate all TSRs against the stop date to ensure there are no gaps in service.

# Registration Guidelines

## Example Import Pseudo Tie Registration

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **BA** | **TP** | **POR** | **POD** | **Scheduling Entity** | **Reliability Coordinator** | **Transmission Contract Number** |
| *NeighborBA* | *Source: NeighborSourcePoint* | |  |  | *NeighborRC* | **N/A** |
|  | *NeighborTP* | *NeighborPOR* | *NeighborPOD* | *NeighborTP* | *NeighborRC* | *NeighborTSR#s* |
|  | **DUK** | *oasisPOR* | **DUK** | **DUK** | **VACS** | *oasisTSR#s* |
| **DUK** | *Sink: oasisSinkPoint* | |  |  | **VACS** | **N/A** |

Note: Bold text indicates literal values to all DUK pseudo-ties. Italicized text represents values specific to single pseudo-ties.

## Example Export Pseudo Tie Registration

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **BA** | **TP** | **POR** | **POD** | **Scheduling Entity** | **Reliability Coordinator** | **Transmission Contract Number** |
| **DUK** | *Source: Name* | |  |  | **VACS** | **N/A** |
|  | **DUK** | **DUK** | *oasisPOD* | **DUK** | **VACS** | *oasisTSR#s* |
|  | *NeighborTP* | *NeighborPOR* | *NeighborPOD* | *NeighborTP* | *NeighborRC* | *NeighborTSR#s* |
| *NeighborBA* | *Sink: NeighborSinkPoint* | |  |  | *NeighborRC* | **N/A** |

Note: Bold text indicates literal values to all DUK pseudo-ties. Italicized text represents values specific to single pseudo-ties.