**Enter the Internal ISO Project Code:**

**Network Applications Information Requirements:**

 Please complete this form in its entirety. If the items does not apply please enter in “N/A”

For section A and B Please complete in entirety

For Section C- Please complete if 3 Party Interconnection Agreement

For Section D-F: Please complete for synchronous Generators. Please enter in all Data or Enter N/A

V2

1. Generating Unit data (Required for all resources)

|  |  |
| --- | --- |
| MVA rating | MVA Rating |
| Rated power factor at PMax | Power Factor rating |
| Nominal terminal voltage | kV Rating |
| Reactive power capability curve (limits) | Limits |
| Terminal voltage control target/range | Target Ranges |
| Identify bay or bank of substation at ISO control areaORPole number(s) at tap | Bay/bank/pole number(s) |

1. Curve Data: At least 3 MW points with corresponding MVar points should be provided to represent the resource from the minimum operating power (can be negative) to the maximum operating power (nameplate MW defined for the project in RIMS)

|  |  |  |
| --- | --- | --- |
| X value (MW) | Y1 value (MVAR) | Y2 value (MVAR) |
| X Value (MW) | Y1 Value (MVAR) | Y2 Value (MVAR) |
| X Value (MW) | Y1 Value (MVAR) | Y2 Value (MVAR) |
| X Value (MW) | Y1 Value (MVAR) | Y2 Value (MVAR) |
| X Value (MW) | Y1 Value (MVAR) | Y2 Value (MVAR) |
| X Value (MW) | Y1 Value (MVAR) | Y2 Value (MVAR) |
| X Value (MW) | Y1 Value (MVAR) | Y2 Value (MVAR) |
| X Value (MW) | Y1 Value (MVAR) | Y2 Value (MVAR) |
| X Value (MW) | Y1 Value (MVAR) | Y2 Value (MVAR) |
| X Value (MW) | Y1 Value (MVAR) | Y2 Value (MVAR) |
| X Value (MW) | Y1 Value (MVAR) | Y2 Value (MVAR) |

1. Generator Transformer data (Required for all resources)

|  |  |
| --- | --- |
| MVA ratings (normal and emergency ratings in different seasons) | Enter MVA Rating Here |
| Nominal kilo voltages for all terminal sides | Enter Kv Here |
| Impedances (listing voltage base and MVA base where the impedance is calculated) | Enter Impedences Here |
| LTC data, if applicable |  |
| Max tap and min tap | Enter Text Here |
| Voltage control range | Enter Text Here |
| Tap step size and range | Enter Text Here |
| Normal tap position | Enter Text Here |

1. Generating Unit interconnection facility or gen-tie line data (Required for ISO controlled grid connected resources e.g. 3party interconnection agreements with the ISO)

|  |  |
| --- | --- |
| Line impedance (this generally comes from connecting utility) | Enter Impedances Here |
| MVA ratings (normal and emergency ratings in different seasons) | Enter MVA Rating Here |

1. Breaker data (which includes Main, Line, Generator Breakers) Required for all resources

|  |  |
| --- | --- |
| If the Normal Breaker positions are not shown in the Single line diagram then it needs to be included here | Enter Text Here (Example: 52A,N.C. ; 52G1,N.O.) |

1. Aux load *(Required if Aux load is greater than 1 MW)*

|  |  |
| --- | --- |
| Aux Mega Watt Max Value | Min/Max MW Value |
| Aux Mega VAR Min/Max Value | Min/Max MVAR Value |

F. Reactive support devices (shunt capacitor/reactor, SVC, synchronous condenser)

|  |  |
| --- | --- |
| Rated nominal kilo voltage | Enter Text Here |
| Rated MVAR capacity | Enter Text Here |
| Number of banks and size of each bank if it has multiple bank | Enter Text Here |
| Voltage control target/range | Enter Text Here |