

Equivalent step-up transformer pad-mounted transformer (SLD ID: Click or tap here to enter text.)

Two winding transformer data

Transformer rating (ONAN/FA/FA): Enter rating/Enter rating /Enter rating MVA

Voltage ratio (high/low): Click or tap here to enter text./Click or tap here to enter text. kV

Winding connections (high/low): Choose an item./ Choose an item.

Positive sequence Z_1 : Enter data % and Enter data X/R ratio on transformer ONAN MVA base

Zero sequence Z_0 : Enter data % and Enter data X/R ratio on transformer ONAN MVA base

Three winding transformer data

☐ Check here if buried tertiary (PNM prefers the tertiary not be included in the steady state model if buried)

Connection and winding

	H Winding Data	X Winding Data	Y Winding Data
Full Load Ratings (MVA)	Enter data / Enter data / Enter data	Enter data / Enter data / Enter data	Enter data / Enter data / Enter data
Rated voltage base (kV)	Enter data	Enter data	Enter data
Connection	Choose connection	Choose connection	Choose connection
Neutral grounding resistance (ohms). Enter 0.0 if solidly grounded.	Enter data	Enter data	Enter data

Impedance data

	H-X Winding Data	H-Y Winding Data	X-Y Winding Data
Transformer base for impedance (MVA)	Enter data	Enter data	Enter data
Positive Sequence impedance (Z_1)	Enter data % Enter data X/R	Enter data % Enter data X/R	Enter data % Enter data X/R
Zero Sequence impedance (Z_0)	Enter data % Enter data X/R	Enter data % Enter data X/R	Enter data % Enter data X/R

Taps Settings (check all that apply and provide applicable tap data)

☐ Fixed Tap

Location Choose winding

Available tap settings

Enter Tap / Enter Tap / Enter Tap / Enter Tap / Enter Tap kV or

Click or tap here to enter text. % and Number of steps Click or tap here to enter text.
Assumed operating tap setting: Click or tap here to enter text.

☐ TCUL Tap (if provided, taps will be enabled in the model)

Location Choose winding

Max TCUL ratio (kV or pu): Click or tap here to enter text.

Min TCUL ratio (kV or pu): Click or tap here to enter text.

of taps: Click or tap here to enter text.

Step Size: Click or tap here to enter text.

Voltage deadband (kV): Click or tap here to enter text.