Transmission Modelling Data Form
Transformers

Project Number and Energization; or Facility Code:

Transformers

Transformer Name	Local Name	Cooling Type		

Winding	Connection	r	x	g	b	r0	x0	g0 from	b0 from

Grounded?	Rground	Xground		g0 to	b0 to
☐			*ohms*		

Winding Base (MVA)

Base Voltage (kV)

Tap Changer

high Step	neutral Step	low Step	normal Step	step Phase Shift Increment	step Voltage	initial Delay	neutral U	subsequent Delay

Regulating bus		Vmax	
Control Mode		Vmin	
tap-Changer Kind			

From Bus

To Bus

Circuit

Operational Limit

Operational Limit Type	Apparent Power Limit	Nominal Voltage	Operational Limit Type	Apparent Power Limit	Nominal Voltage
Summer Normal			Winter Normal		
Summer 4 Hours			Winter 4 Hours		
Summer 30 Min.			Winter 30 Min.		

	kW	I %
No Load Losses		

	kW	Z %
Load Losses		

Data submitted in this engineering document represents the electrical system components to a level adequate for powerflow, short-circuit, and dynamic modeling of (select one):
☐ An operational facility
or a project passing
☐ Gate 1
☐ Gate 2
☐ Gate 3
☐ Gate 5
of the AESO project process, and is subject to change as project design proceeds and as-built data becomes available.
It is not to be relied upon for construction.

APEGA Permit-to-Practice: