

# Transmission Modelling Data Form

Dynamic Simulation Models



Project Number and Energization; or Facility Code: 728\_1

## Power System Simulation

Equipment	Control System	Programme	MODEL
BSR_G1	Generator	PSSE	WT3G1

**Description** This generator model (example) is taken from P728 Stage 5 PDUP

Array #	Value	Description
M 0	83	Number of lumped wind turbines
J 0	0.8	Xeq Equivalent reactance for current injection (pu)
J 1	30	Kpll PLL first integrator gain
J 2	0	Kipll PLL second integrator gain
J 3	0.1	Plimax PLL maximum limit
J 4	1.8	Prated Turbine MW rating

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 below):

- 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:**

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