* Network Interface variables differ among application programs

Synchronous Generator Interconnection Variables

Name	Units	Description	Source
Inputs:			
Efd	PU	Field voltage on base of Ifag * Rfd, where Ifag - Field current at rated voltage Rfd - Field resistance	Excitation system
Pm	PU	Mechanical shaft power to the generator	Turbine-Governor
or Tm	PU	Mechanical shaft torque to the generator	Turbine-Governor
Outputs:			
ω,Pe,f	PU	Generator (electrical) speed, active power, frequency	
Ifd	PU	Field current on Ifag base	
Vsi	various	Signals may be of multiple types, which are enumerated by the InputSignalKind class	