

[참고자료]

1. 발전기 모델 리스트

PSS/E 모델명	모델명
CDSMS1	American Superconductor DSMES device model
CIMTR1	Induction generator model with rotor flux transients
CIMTR2	Induction motor model with rotor flux transients
CIMTR3	Induction generator model with rotor flux transients
CIMTR4	Induction motor model with rotor flux transients
CSVGN1	SCR controlled static var source model
CSVGN3	SCR controlled static var source model
CSVGN4	SCR controlled static var source model
CSVGN5	WSCC controlled static var source model
CSVGN6	WSCC controlled static var source model
FRECHG	Salient pole frequency changer model
GENCLS	Classical generator model
GENDCO	Round rotor generator model with dc offset torque component
GENROE	Round rotor generator model (exponential saturation)
GENROU	Round rotor generator model (quadratic saturation)
GENSAE	Salient pole generator model (exponential saturation on both axes)
GENSAL	Salient pole generator model (quadratic saturation on d-axis)
GENTRA	Transient level generator model

2. 조속기 모델 리스트

PSS/E 모델명	모델명
CRCMGV	Cross compound turbine-governor model.
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DEGOV	Woodward diesel governor model.
DEGOV1	Woodward diesel governor model.
GAST	Gas turbine-governor model.
GAST2A	Gas turbine-governor model.
GASTWD	Gas turbine-governor model.

GGOV1	GE general purpose turbine-governor model
HYGOV	Hydro turbine-governor model.
IEEEG1	1981 IEEE type 1 turbine-governor model.
IEEEG2	1981 IEEE type 2 turbine-governor model.
IEEEG3	1981 IEEE type 3 turbine-governor model.
IEESGO	1973 IEEE standard turbine-governor model.
PIDGOV	Hydro turbine and governor model.
SHAF25	Torsional-elastic shaft model for 25 masses.
TGOV1	Steam turbine-governor model.
TGOV2	Steam turbine-governor model with fast valving.
TGOV3	Modified IEEE type 1 turbine-governor model with fast valving.
TGOV5	Modified IEEE type 1 turbine-governor model with boiler controls.
WEHGOV	Woodward electronic hydro governor model.
WESGOV	Westinghouse digital governor for gas turbine.
WPIDHY	Woodward P.I.D. hydro governor model.

3. 여자기 모델 리스트

PSS/E 모델명	모델명
ESAC1A	1992 IEEE type AC1A excitation system model.
ESAC2A	1992 IEEE type AC2A excitation system model.
ESAC3A	1992 IEEE type AC3A excitation system model.
ESAC4A	1992 IEEE type AC4A excitation system model.
ESAC5A	1992 IEEE type AC5A excitation system model.
ESAC6A	1992 IEEE type AC6A excitation system model.
ESAC8B	Basler DECS model.
ESDC1A	1992 IEEE type DC1A excitation system model.
ESDC2A	1992 IEEE type DC2A excitation system model.
ESST1A	1992 IEEE type ST1A excitation system model.
ESST2A	1992 IEEE type ST2A excitation system model.
ESST3A	1992 IEEE type ST3A excitation system model.
ESST4B	IEEE type ST4B potential or compounded source-controlled rectifier exciter.
EX2000	EX2000 Excitation System.

EXAC1	1981 IEEE type AC1 excitation system model.
EXAC1A	Modified type AC1 excitation system model.
EXAC2	1981 IEEE type AC2 excitation system model.
EXAC3	1981 IEEE type AC3 excitation system model.
EXAC4	1981 IEEE type AC4 excitation system model.
EXBAS	Basler static voltage regulator feeding dc or ac rotating exciter model.
EXDC2	1981 IEEE type DC2 excitation system model.
EXELI	Static PI transformer fed excitation system model.
EXPIC1	Proportional/integral excitation system model.
EXST1	1981 IEEE type ST1 excitation system model.
EXST2	1981 IEEE type ST2 excitation system model.
EXST2A	Modified 1981 IEEE type ST2 excitation system model.
EXST3	1981 IEEE type ST3 excitation system model.
IEEET1	1968 IEEE type 1 excitation system model.
IEEET2	1968 IEEE type 2 excitation system model.
IEEET3	1968 IEEE type 3 excitation system model.
IEEET4	1968 IEEE type 4 excitation system model.
IEEET5	Modified 1968 IEEE type 4 excitation system model.
IEEEX1	1979 IEEE type 1 excitation system model and 1981 IEEE type DC1 model.
IEEEX2	1979 IEEE type 2 excitation system model.
IEEEX3	1979 IEEE type 3 excitation system model.
IEEEX4	1979 IEEE type 4 excitation system, 1981 IEEE type DC3 and 1992 IEEE type DC3A models.
IEET1A	Modified 1968 IEEE type 1 excitation system model.
IEET1B	Modified 1968 IEEE type 1 excitation system model.
IEET5A	Modified 1968 IEEE type 4 excitation system model.
IEEX2A	1979 IEEE type 2A excitation system model.
SCRX	Bus or solid fed SCR bridge excitation system model.
SEXS	Simplified excitation system model.
URST5T	IEEE proposed type ST5B excitation system.

4. 계통안정화장치(P.S.S) 모델 리스트

PSS/E 모델명	모델명
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IEE2ST	Dual-input signal power system stabilizer model.
IEEEEST	1981 IEEE power system stabilizer model.
PSS2A	1992 IEEE type PSS2A dual-input signal stabilizer model.
PTIST1	PTI microprocessor-based stabilizer model.
PTIST3	PTI microprocessor-based stabilizer model.
ST2CUT	Dual-input signal power system stabilizer model.
STAB1	Speed sensitive stabilizer model.
STAB2A	ASEA power sensitive stabilizer model.
STAB3	Power sensitive stabilizer model.
STAB4	Power sensitive stabilizer model.
STBSVC	WECC supplementary signal for static var system.