

Xcel Energy Services, Inc.
Public Service Company of Colorado
Comanche Unit 2
(Repl-2024-001)

Retirement & Replacement Study Addendum
Appendices



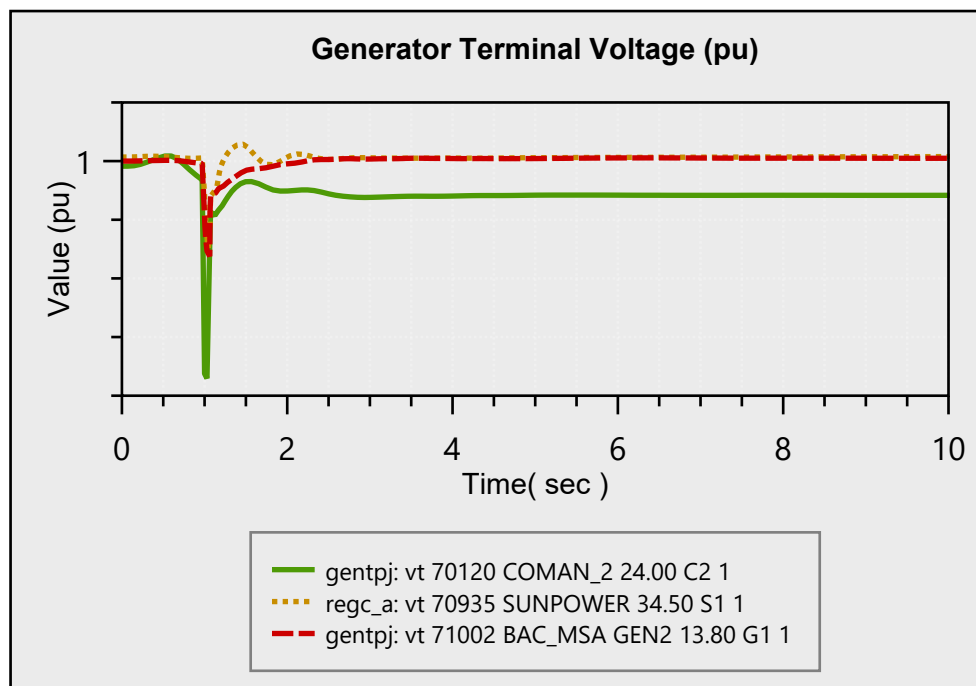
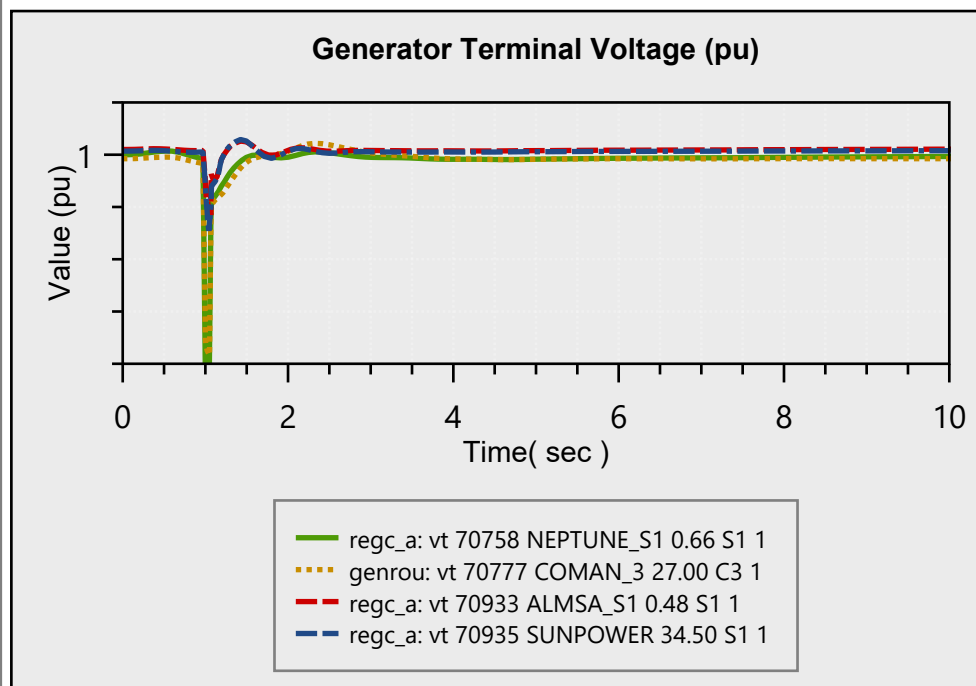
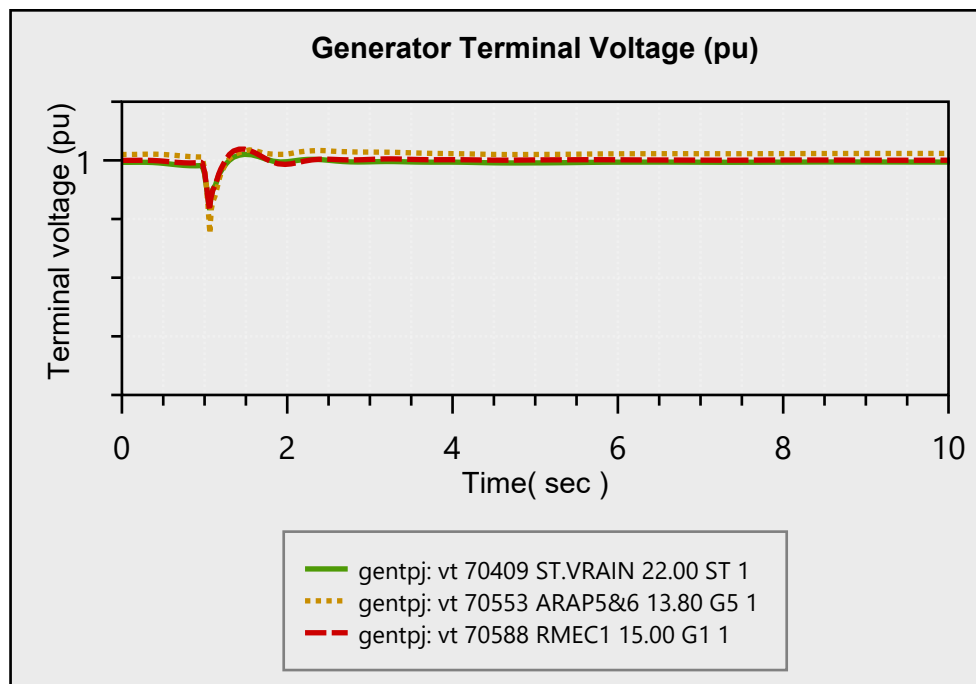
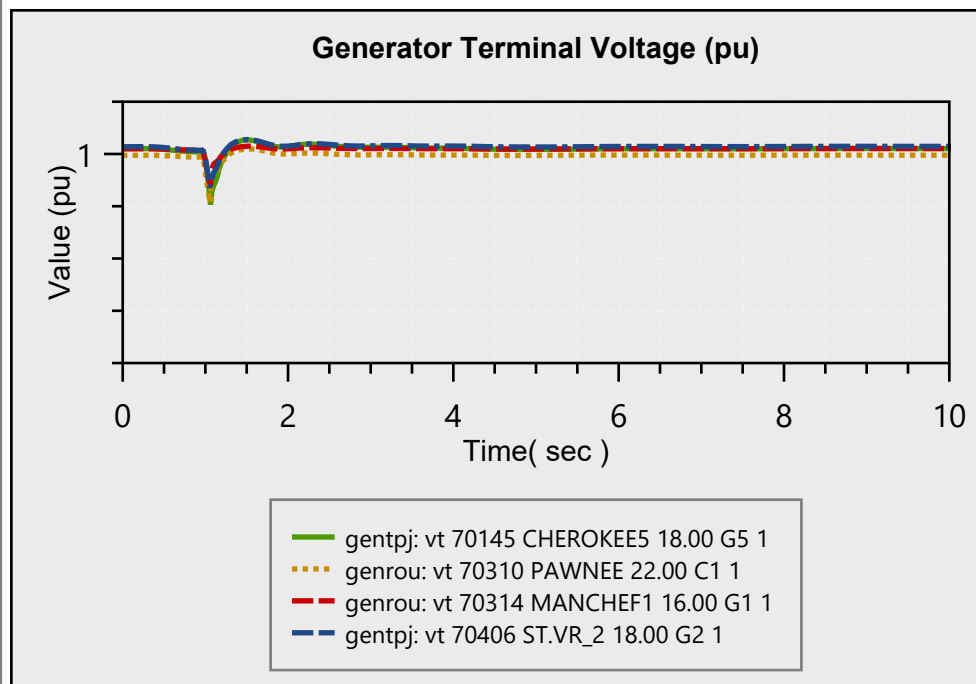
Excel Engineering of Minnesota, LLP

Prepared by
Craig Thingvold P.E.
LaShel Marvig
Asfand Yar Ali

Revision Date
June 10, 2025

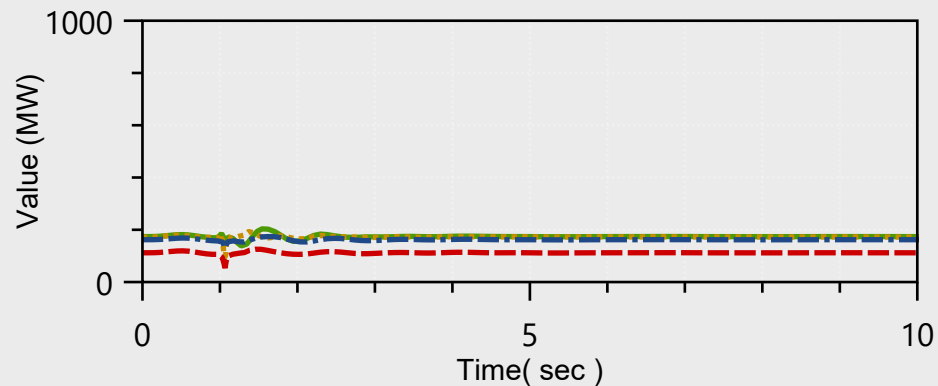
Appendix A Stability Plots

OUTPUTS



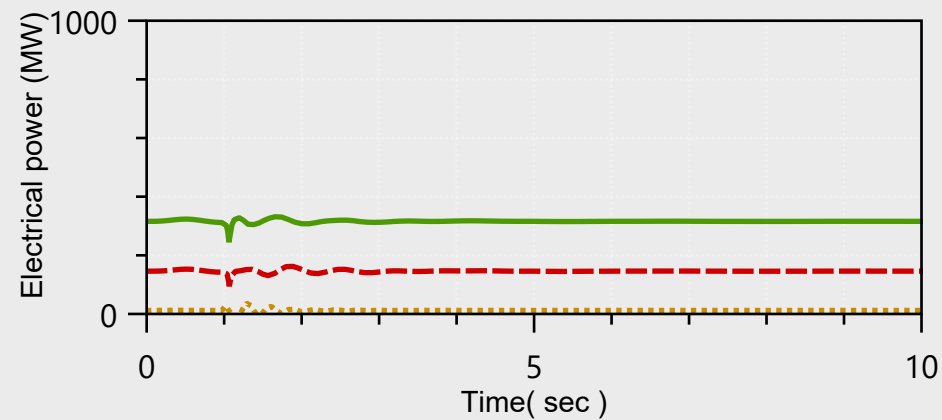
OUTPUTS

Generator Active Power (MW)



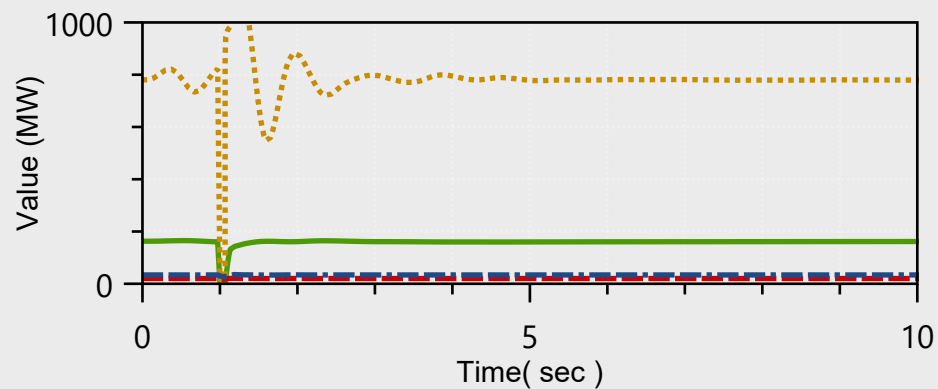
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 genrou: pg 70310 PAWNEE 22.00 C1 1
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 gentpj: pg 70406 ST.VR_2 18.00 G2 1

Generator Active Power (MW)



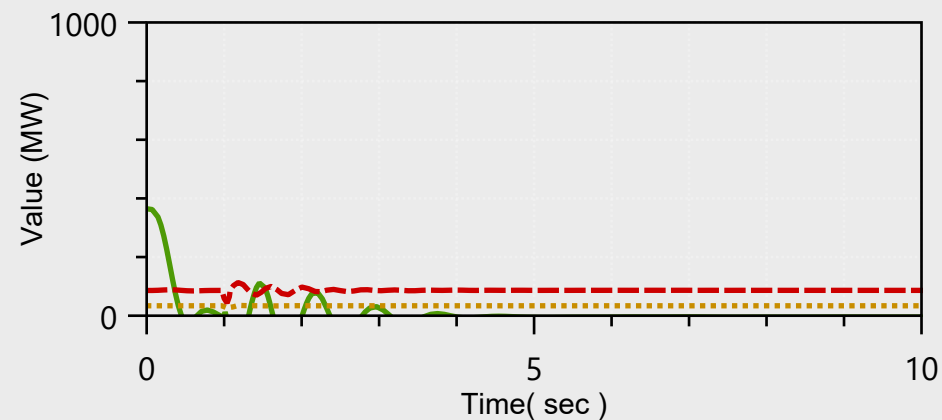
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Generator Active Power (MW)



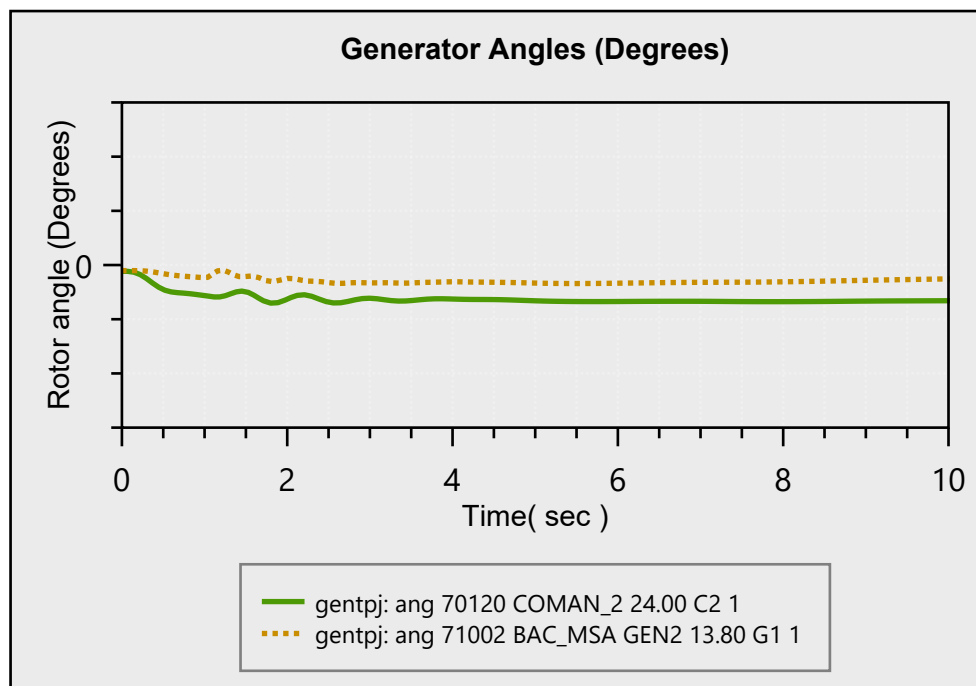
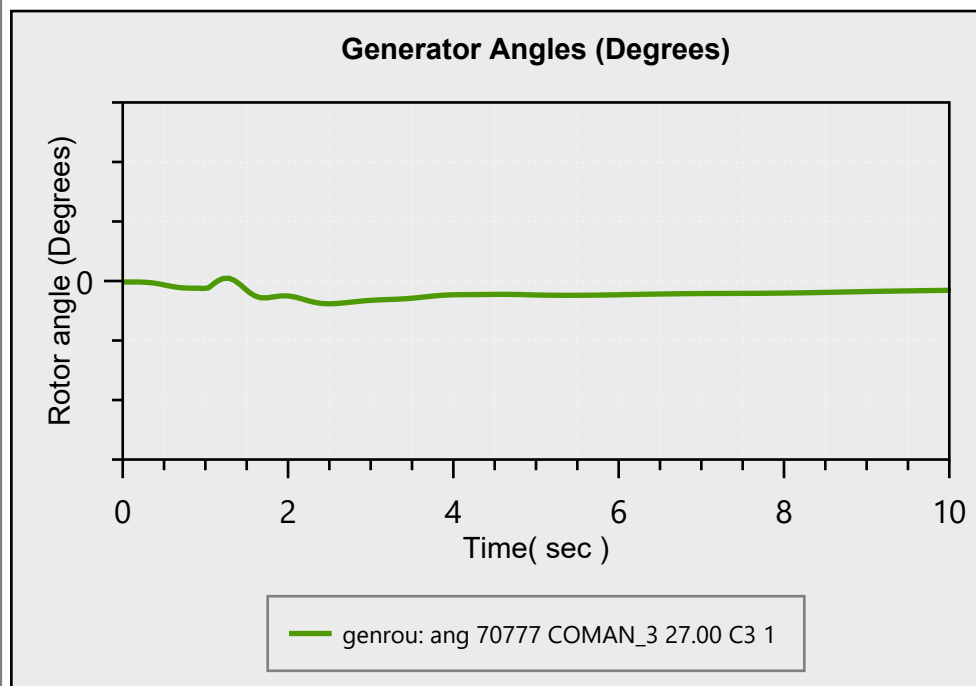
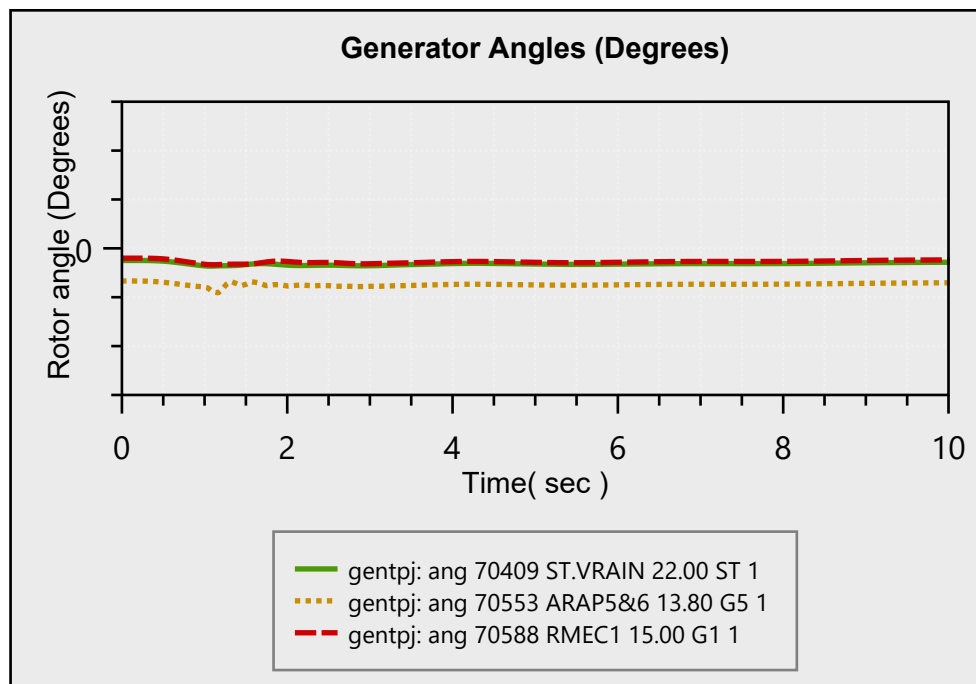
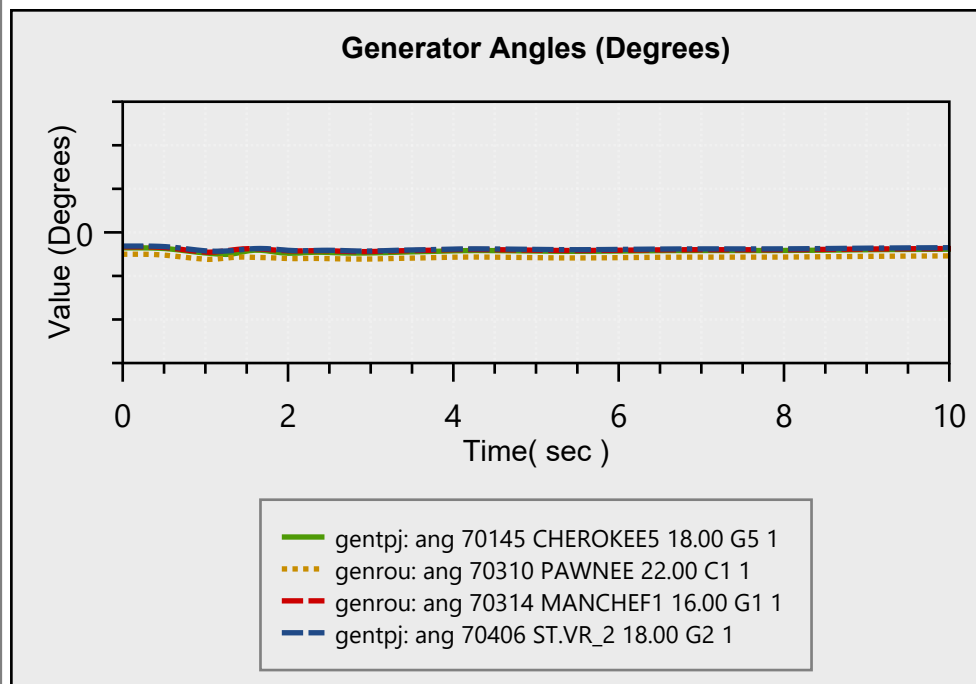
regc_a: pg 70758 NEPTUNE_S1 0.66 S1 1
 genrou: pg 70777 COMAN_3 27.00 C3 1
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Generator Active Power (MW)

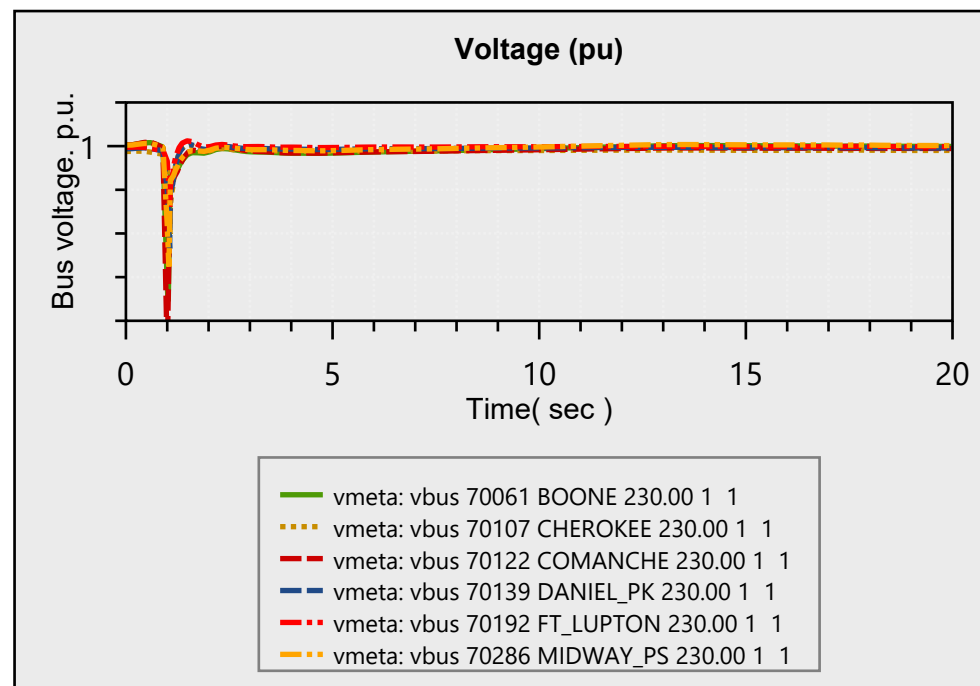
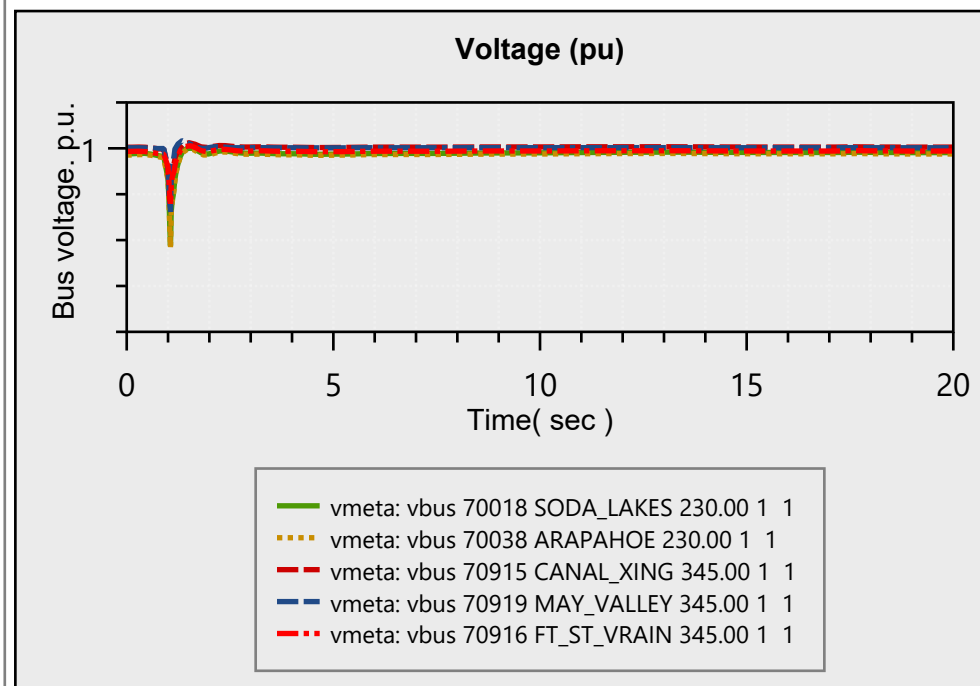
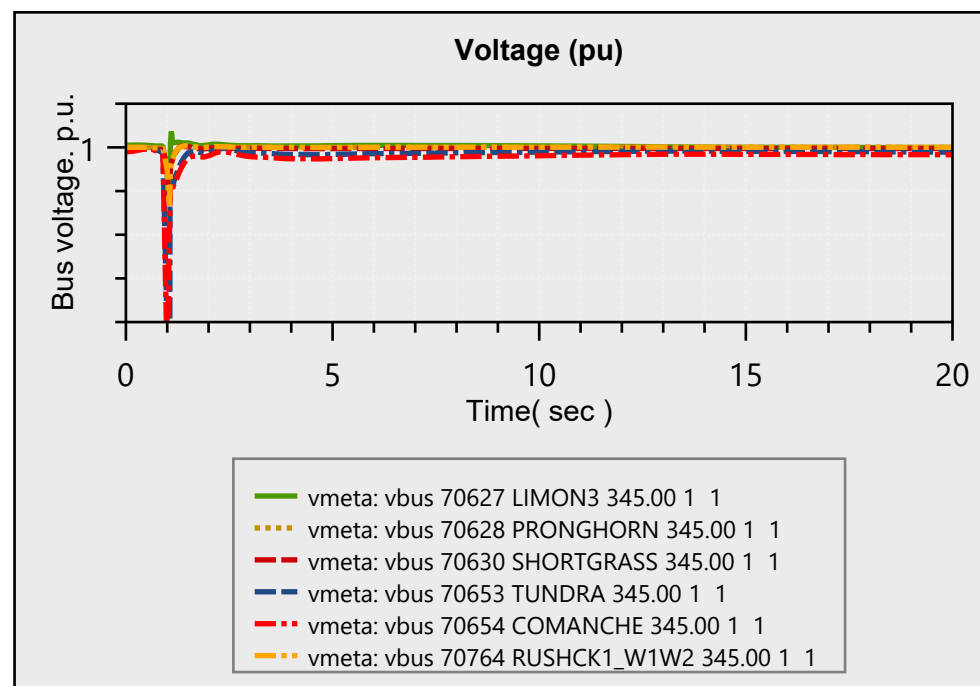
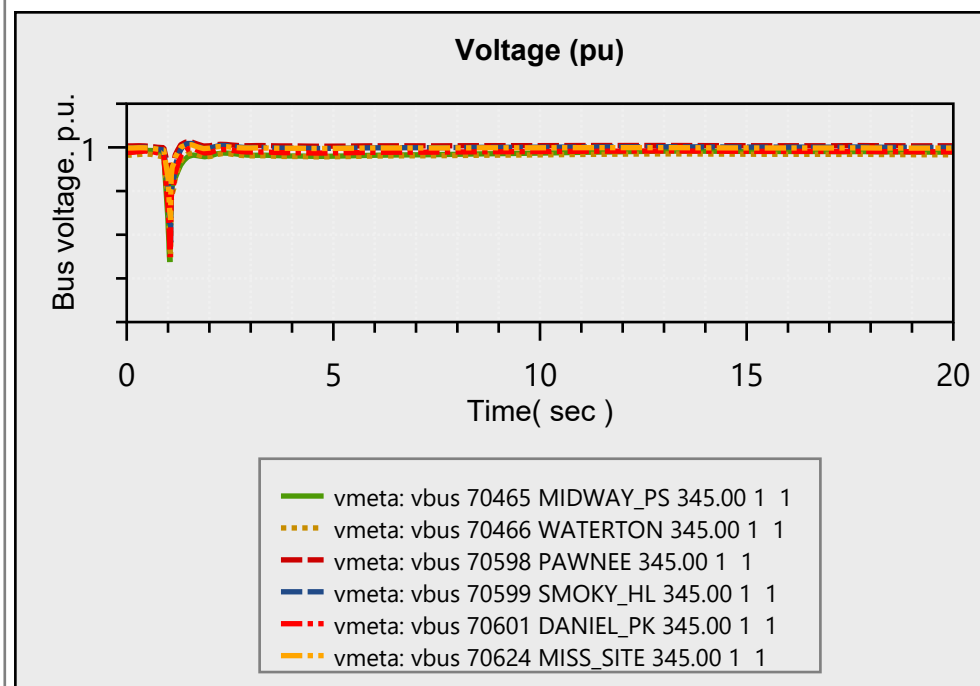


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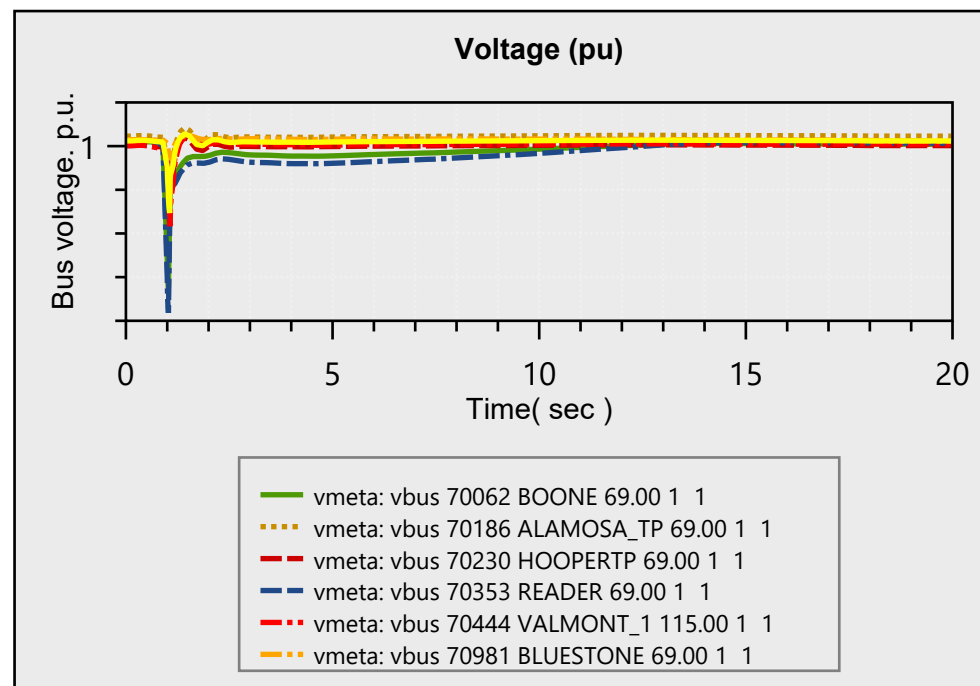
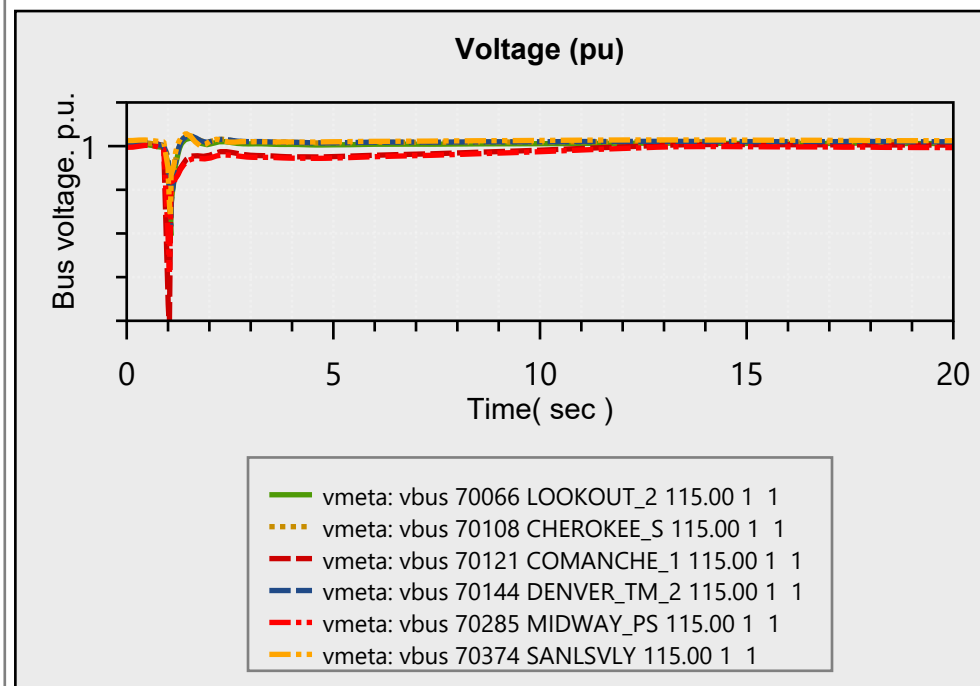
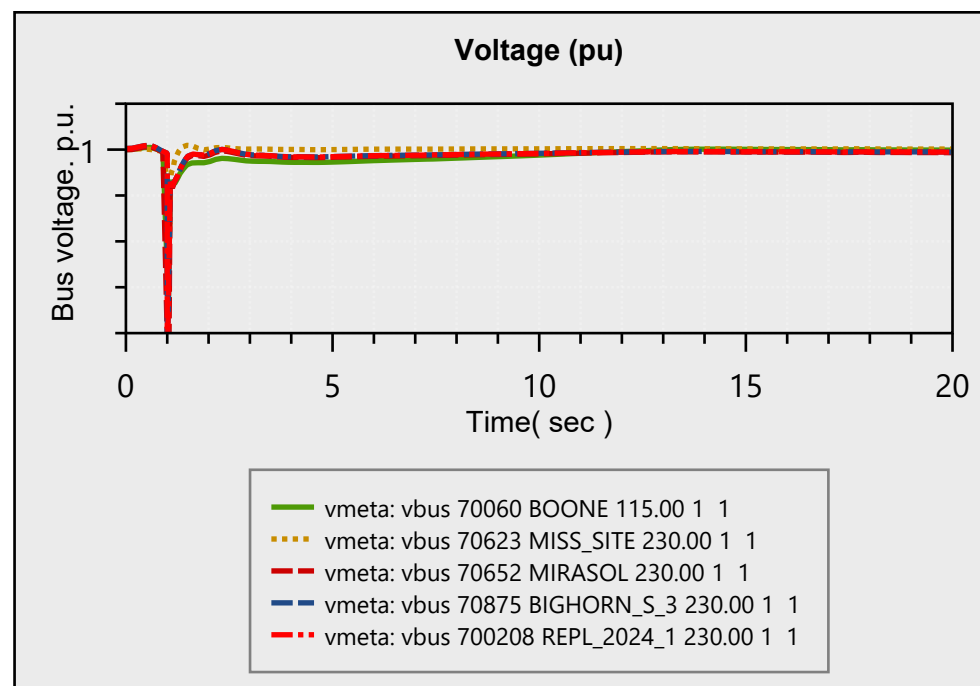
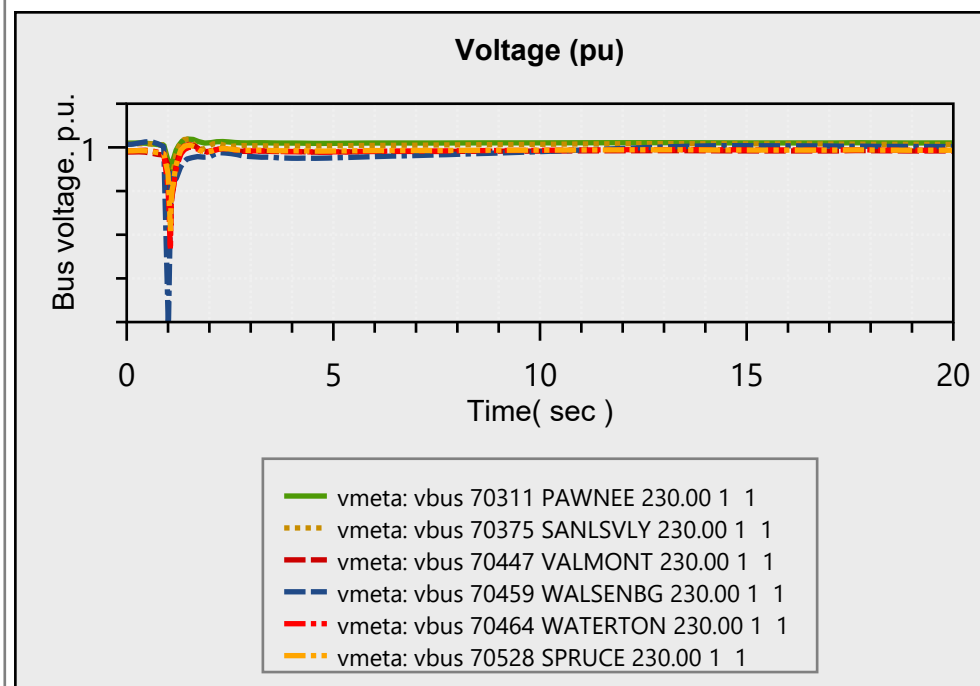
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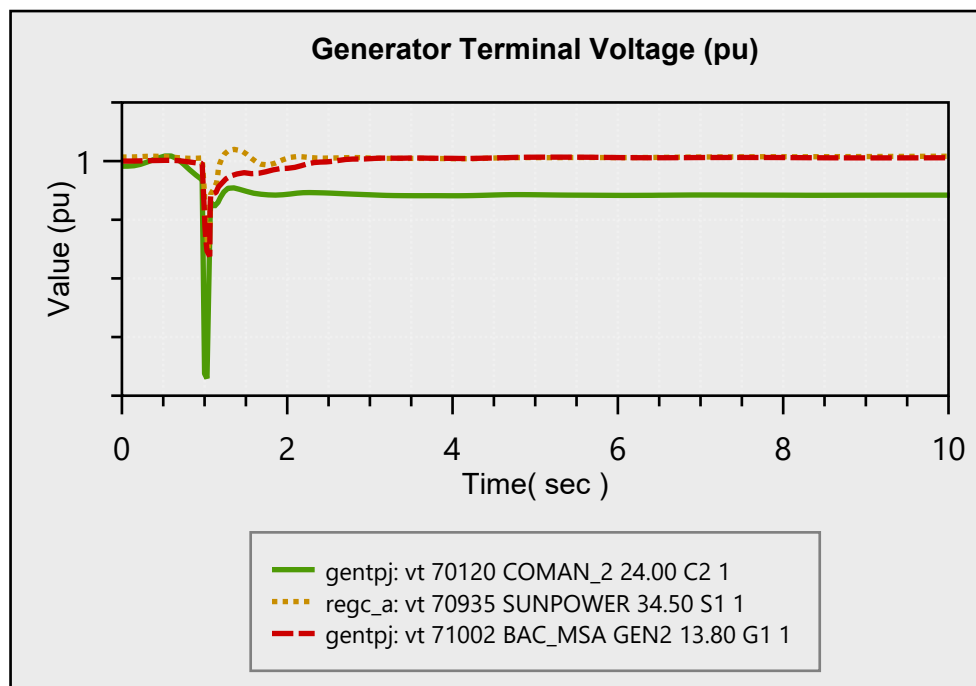
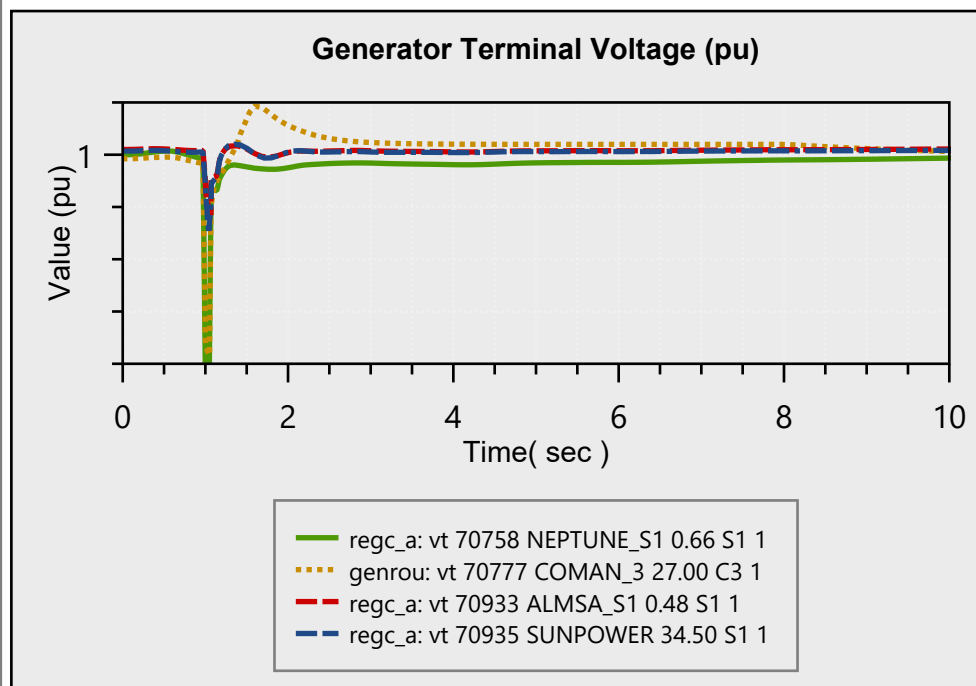
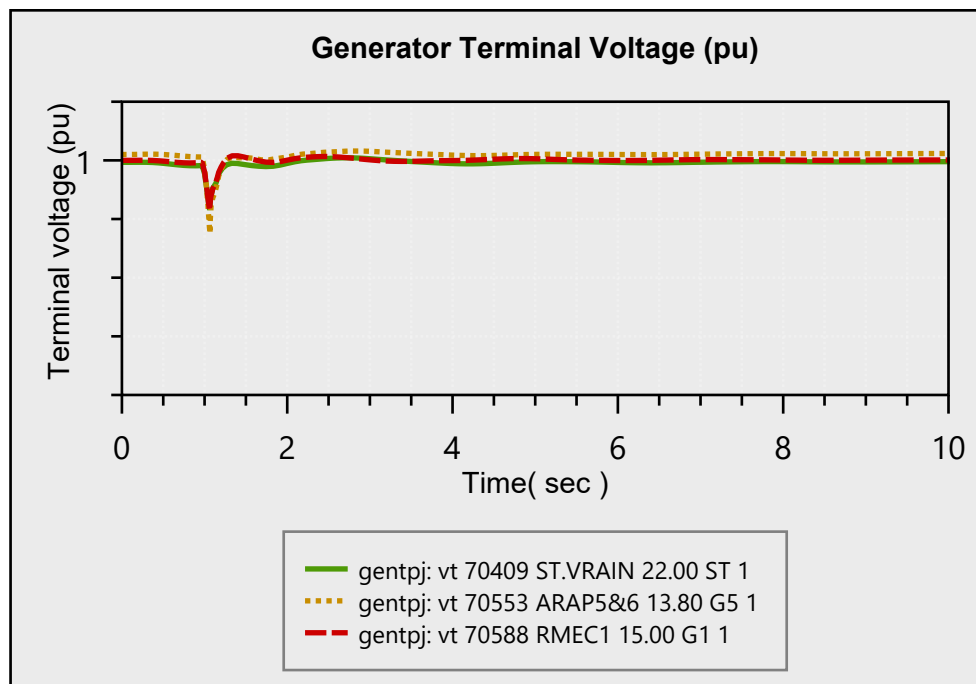
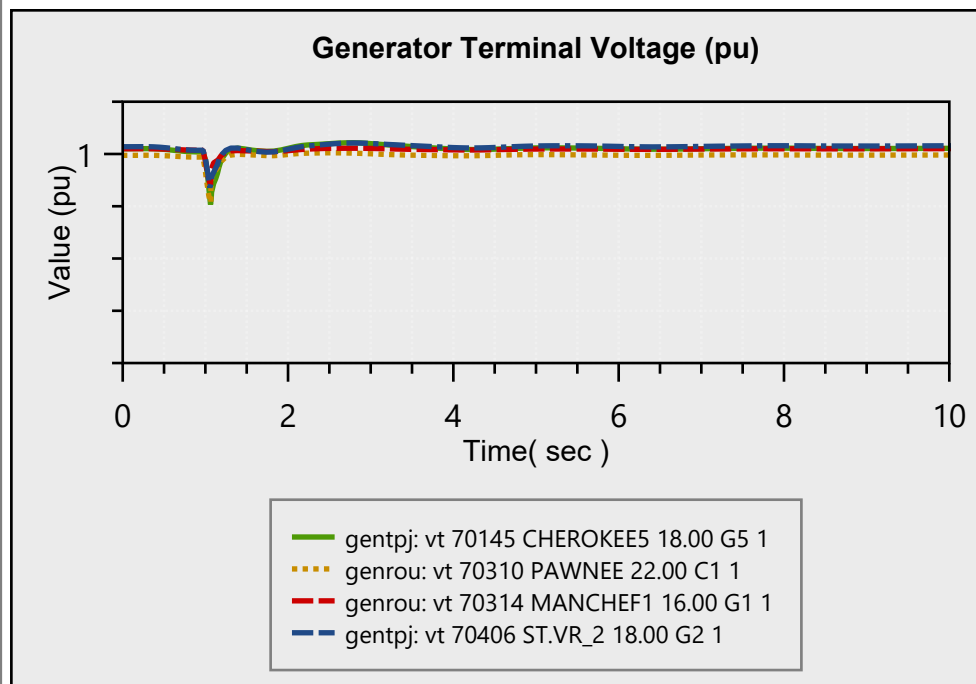
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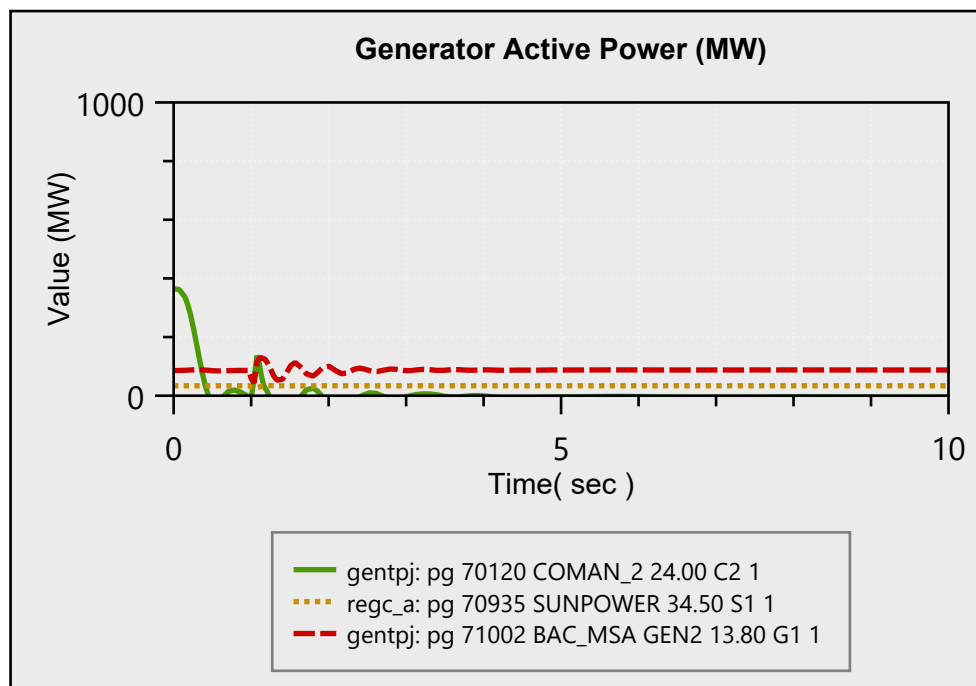
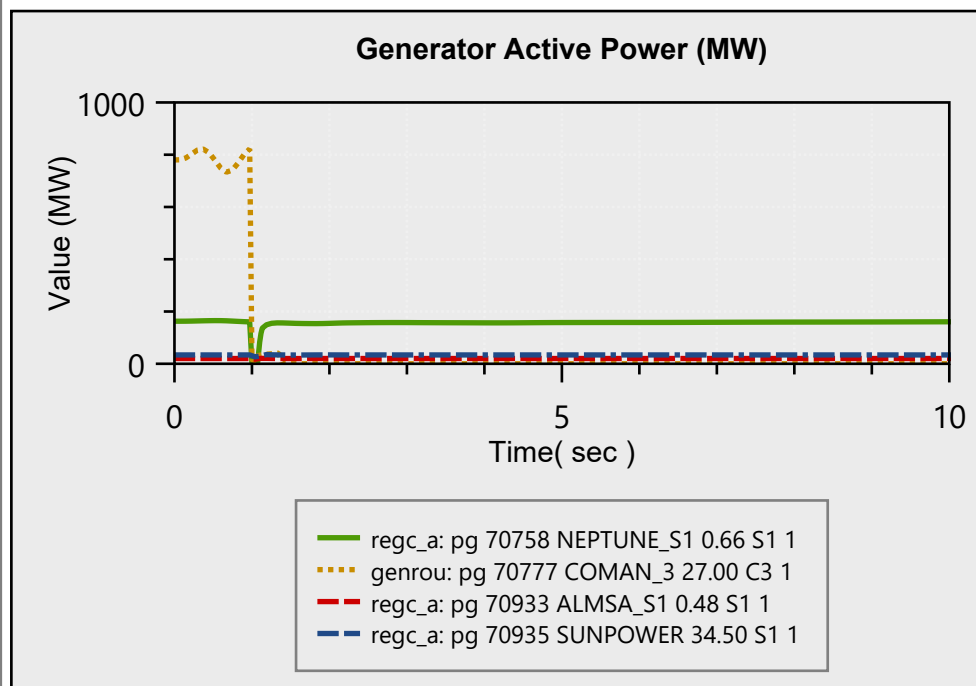
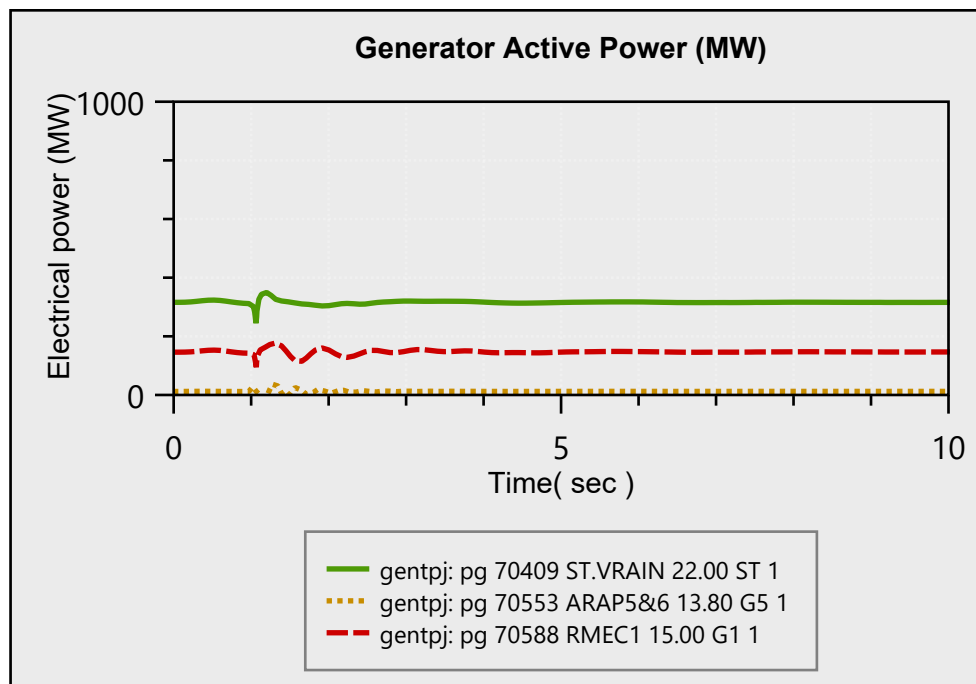
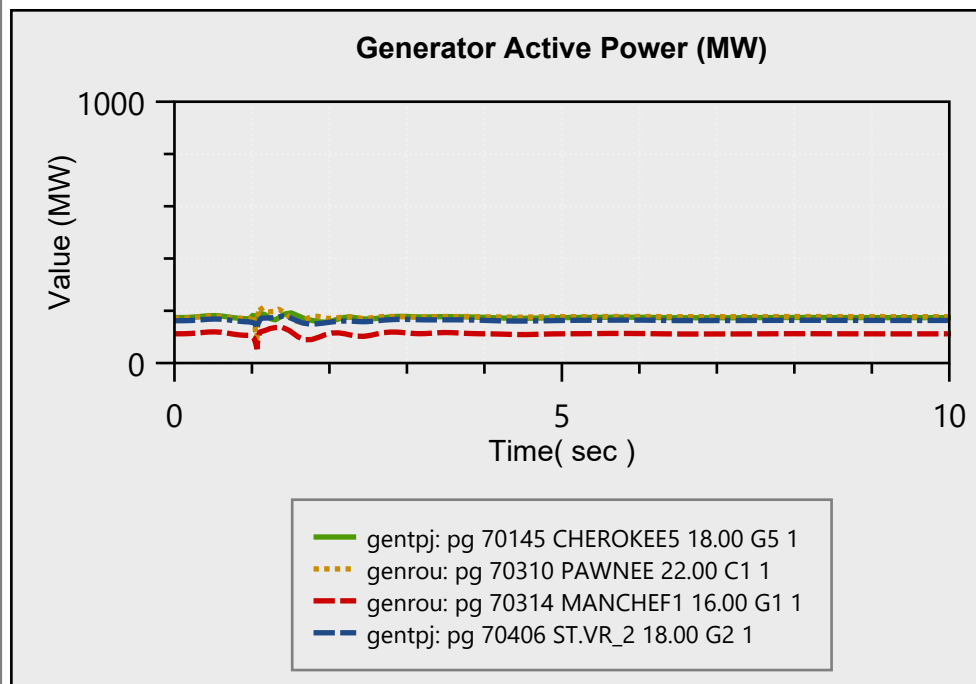
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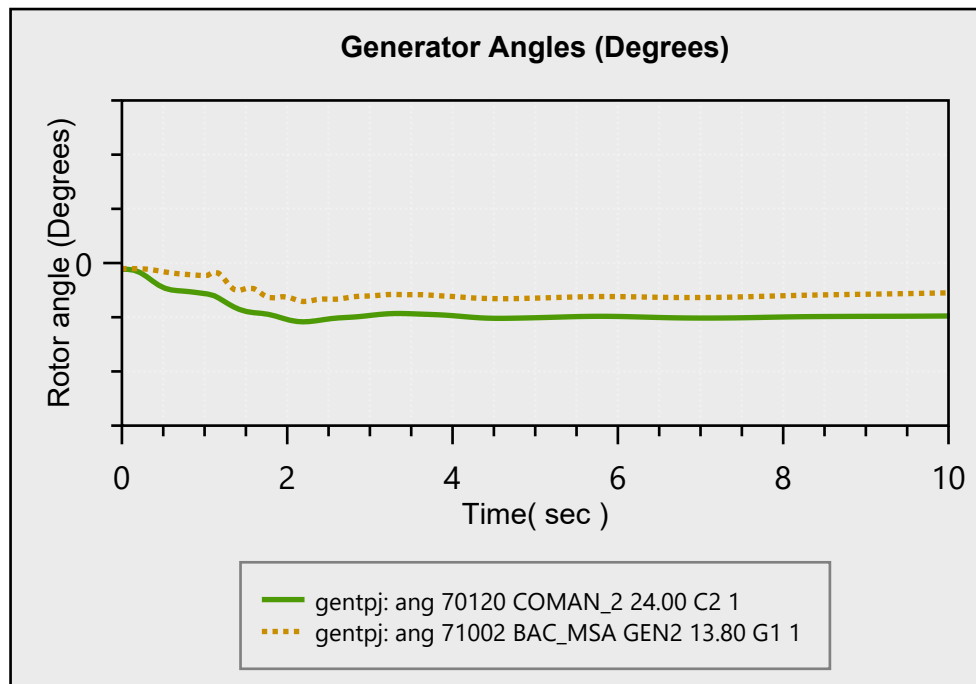
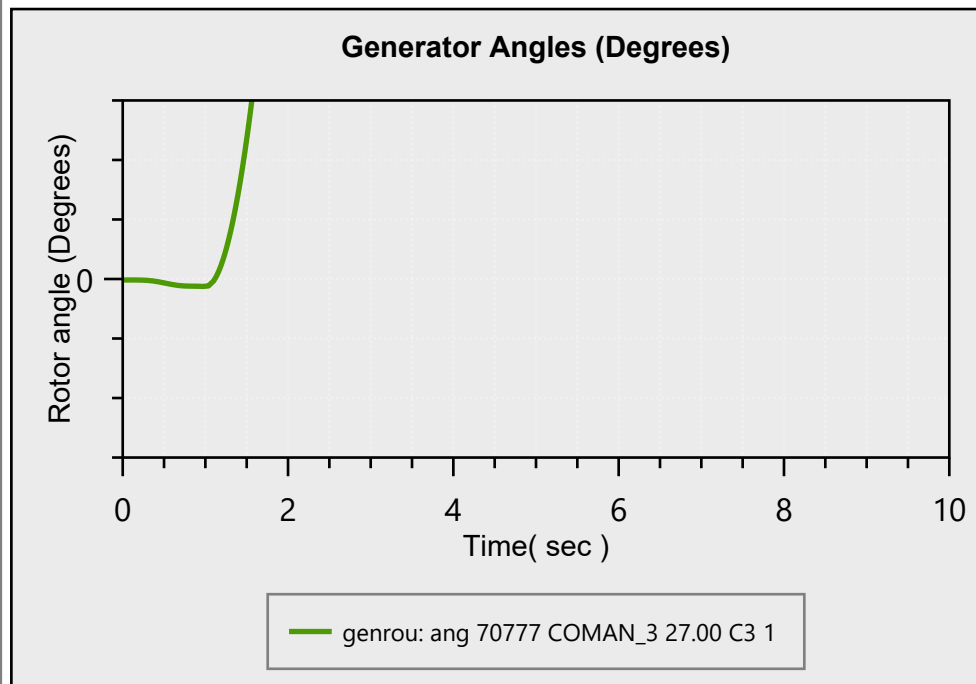
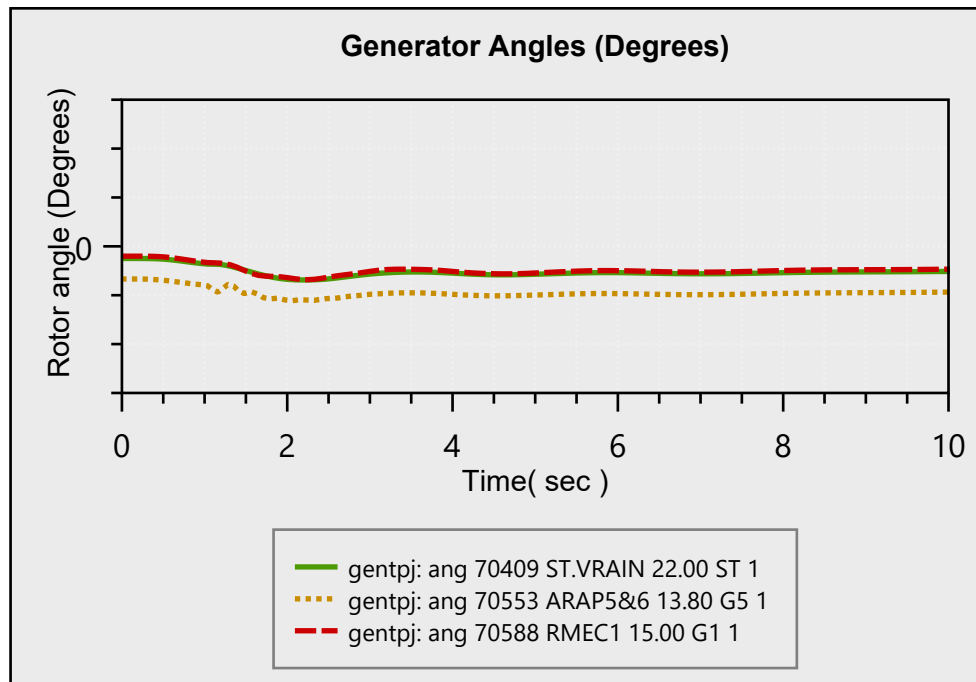
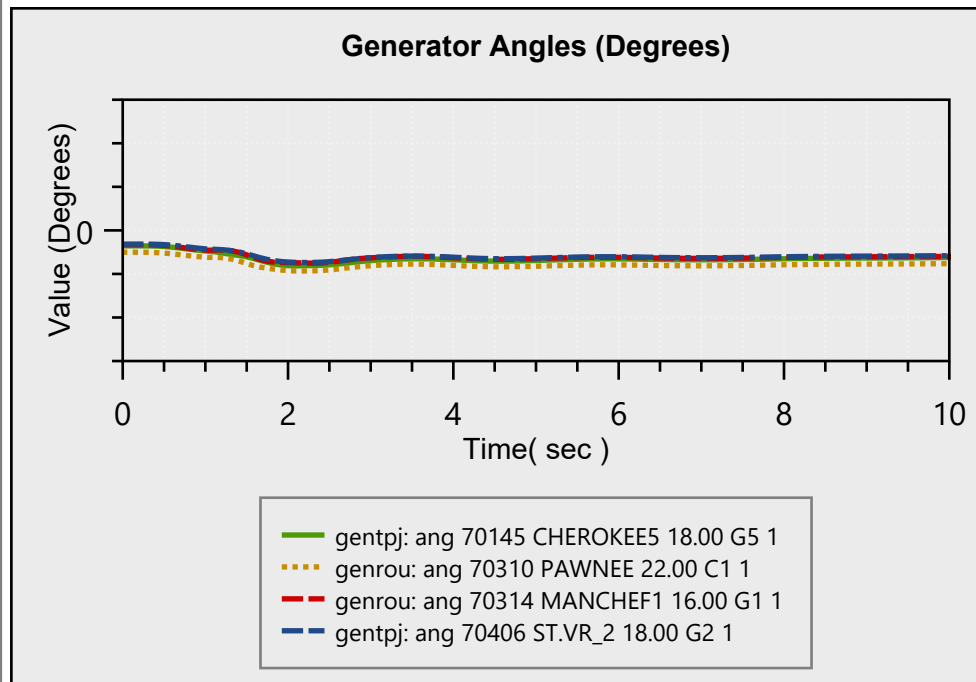
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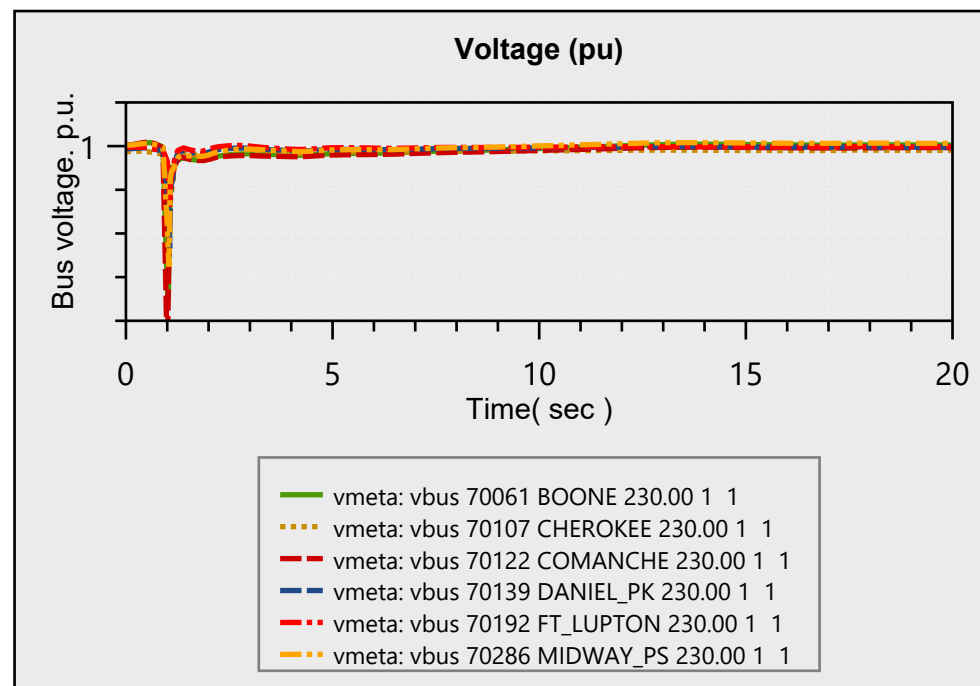
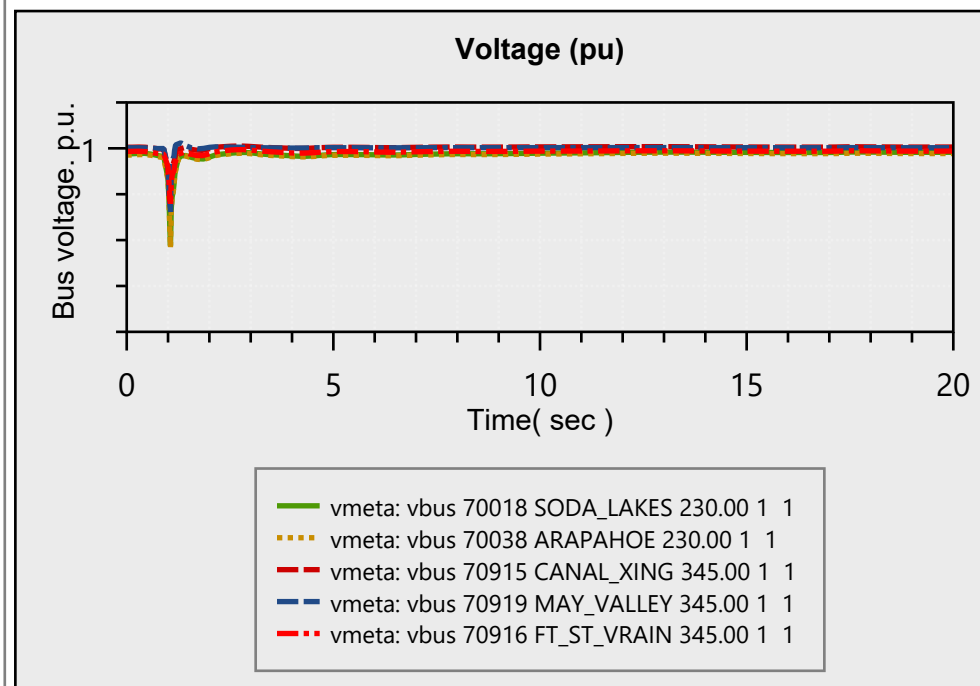
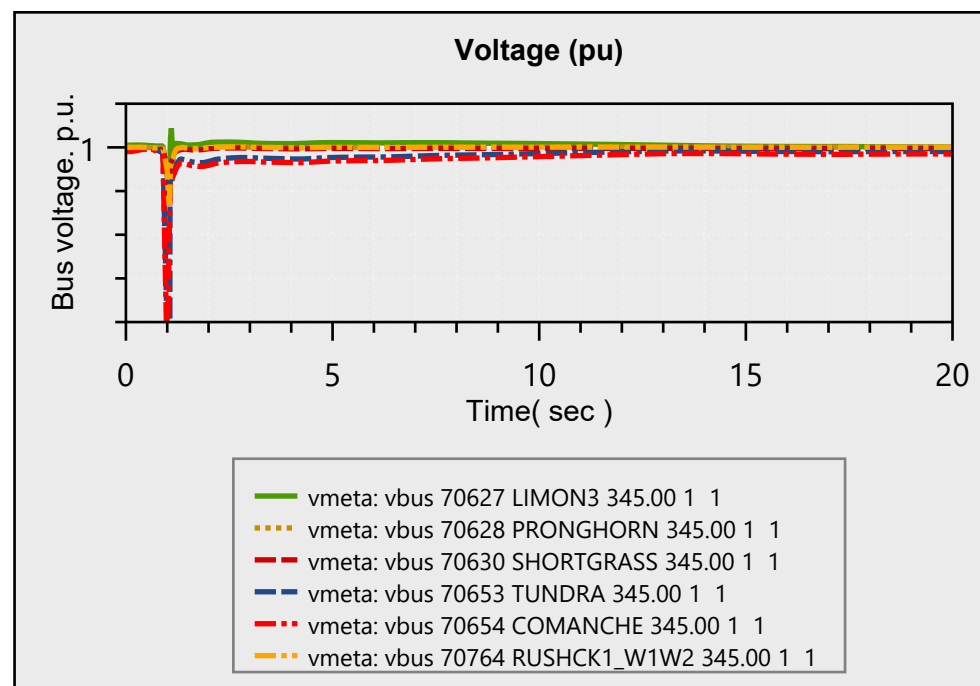
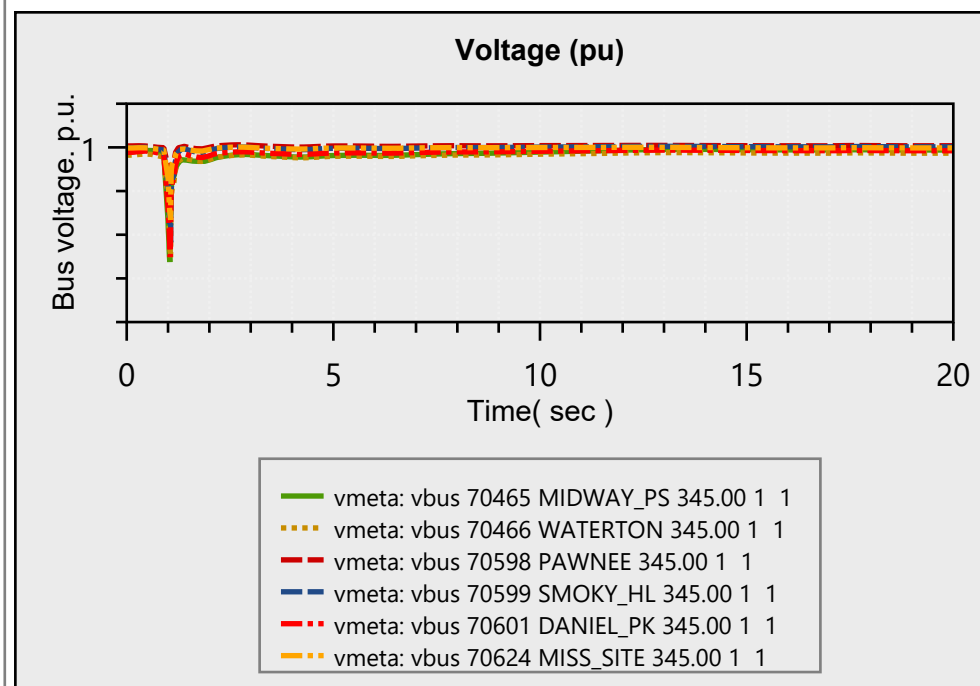
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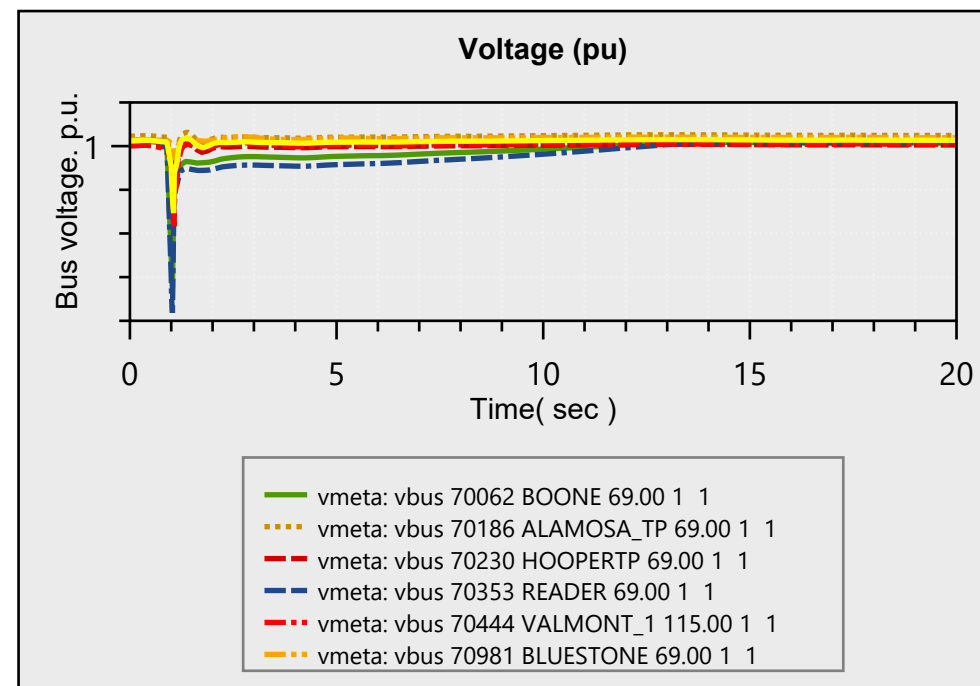
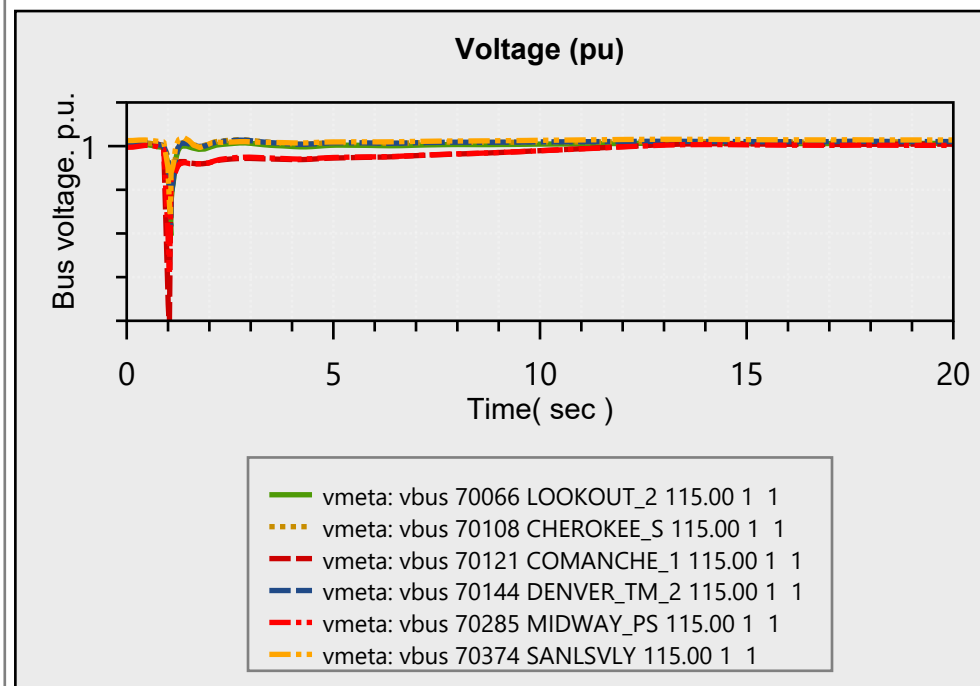
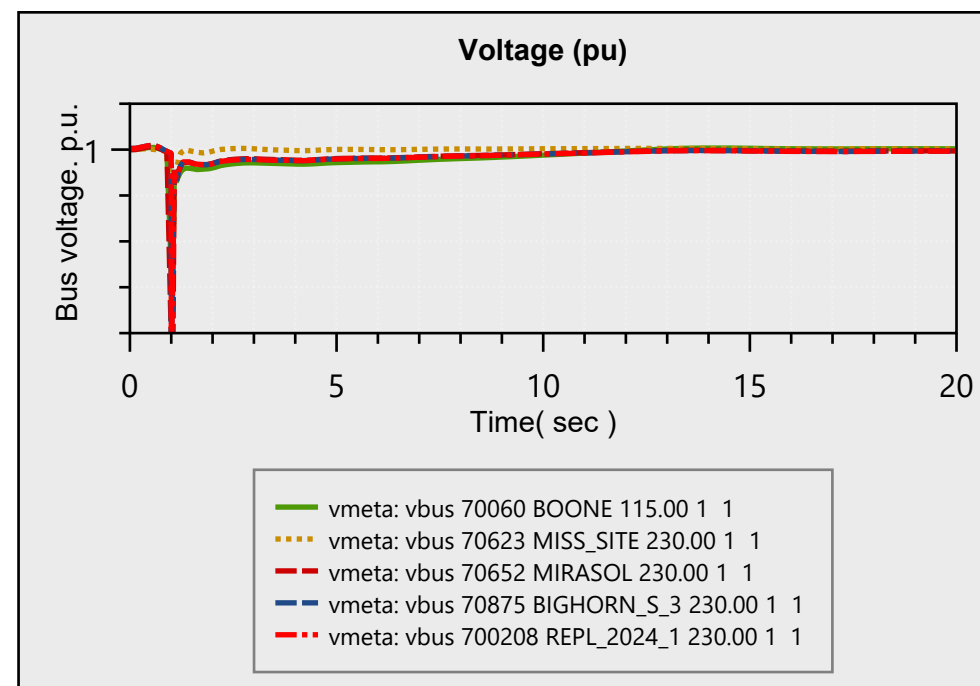
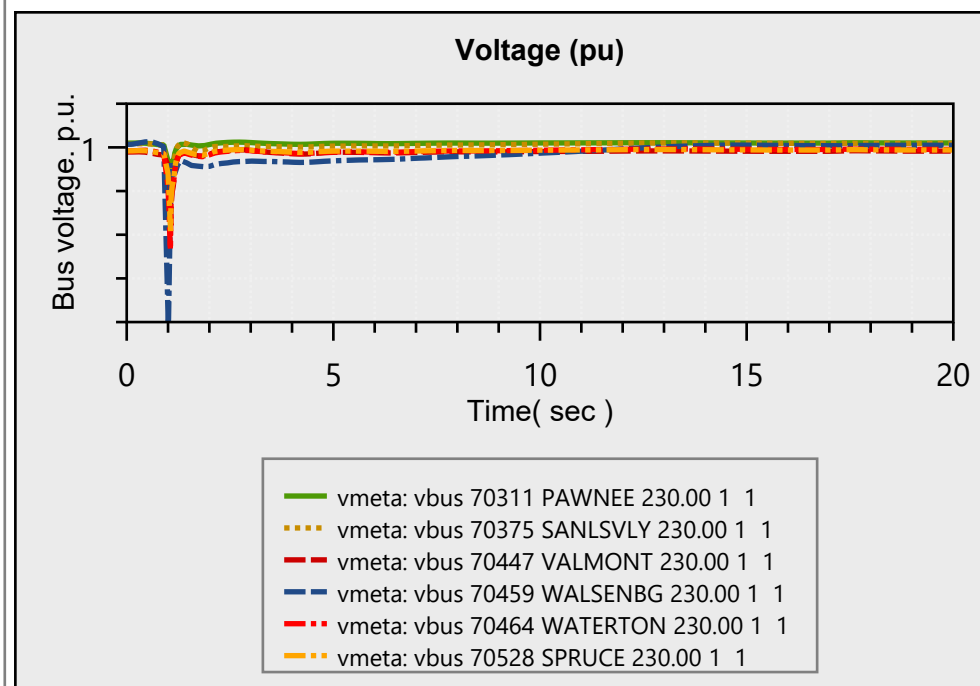
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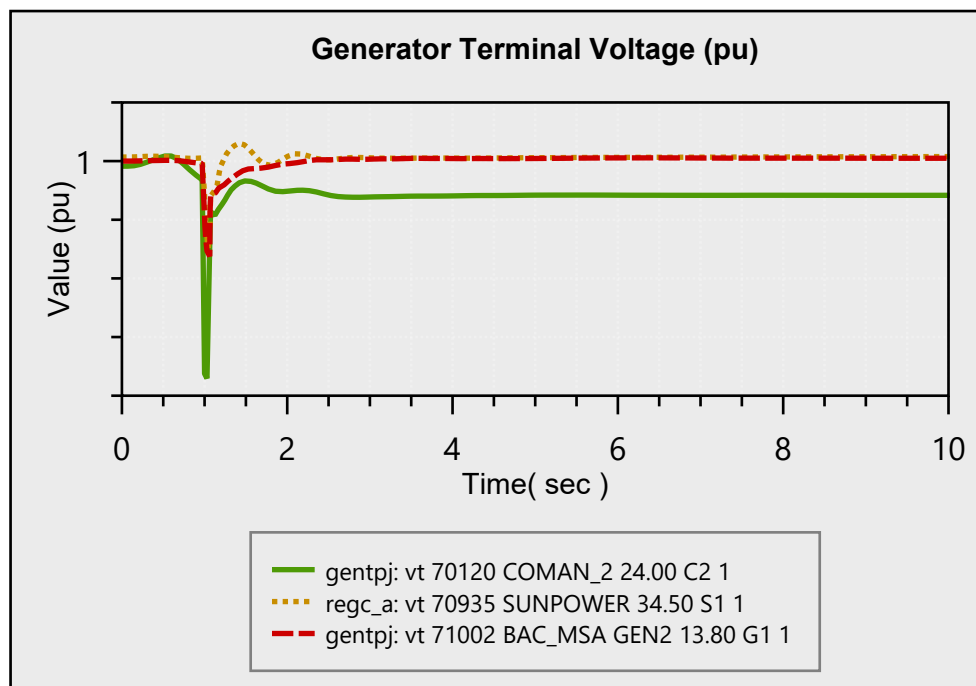
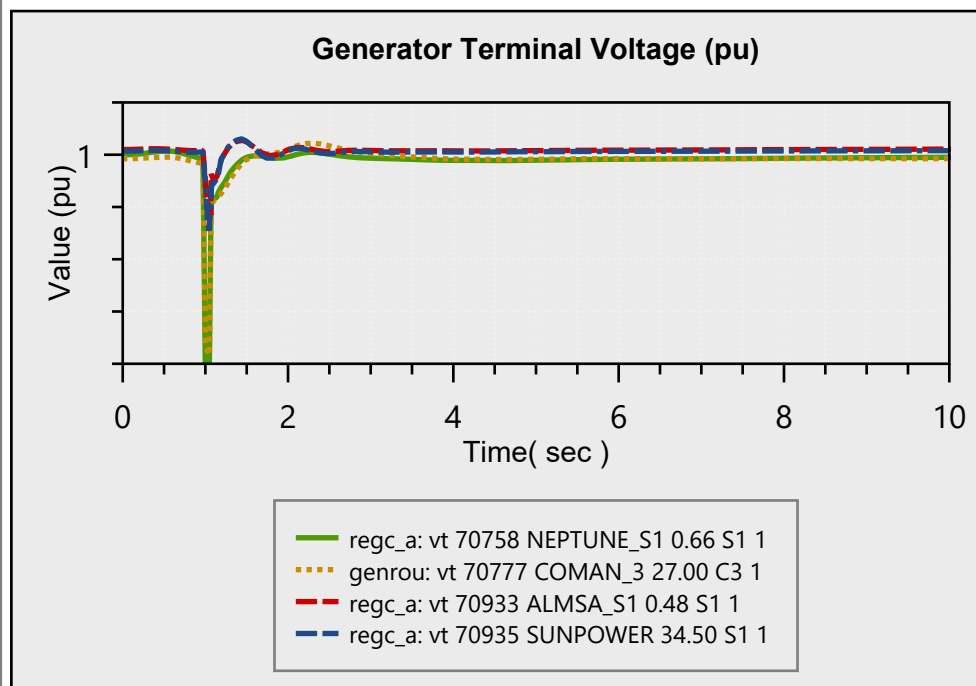
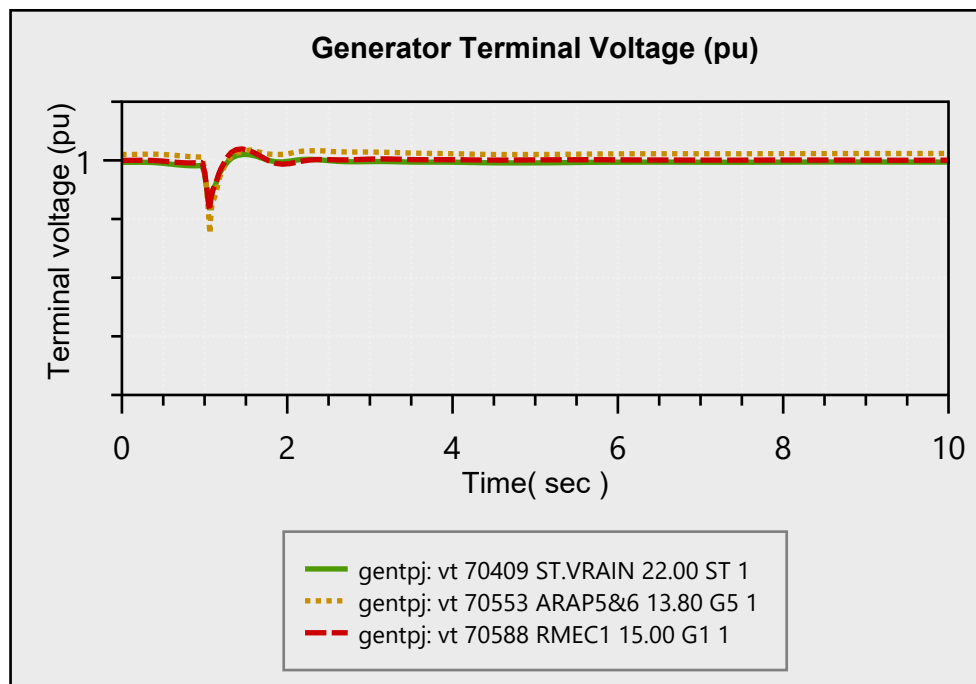
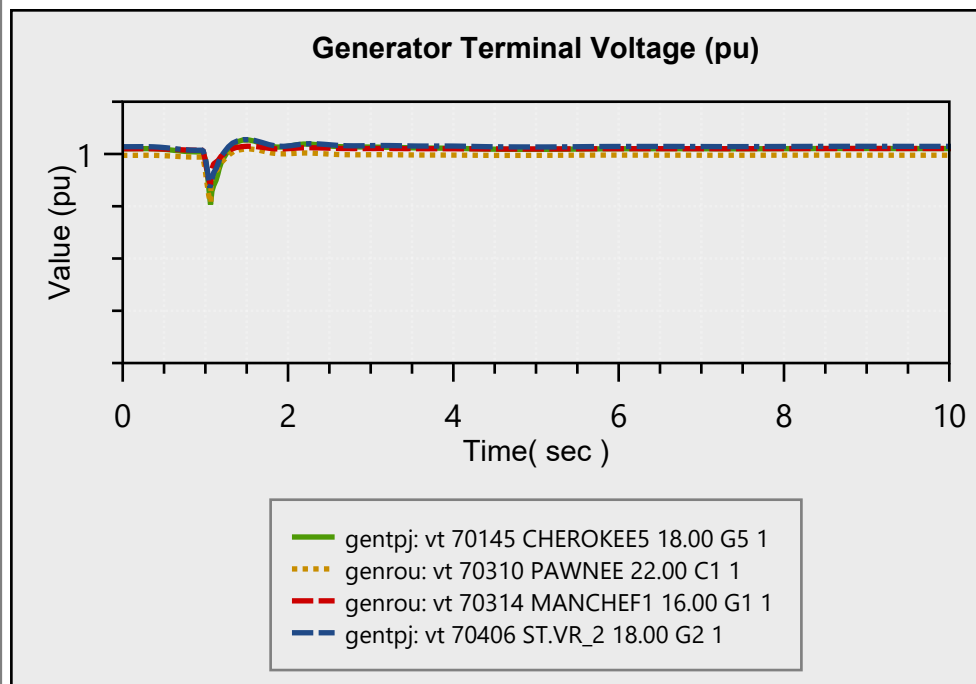
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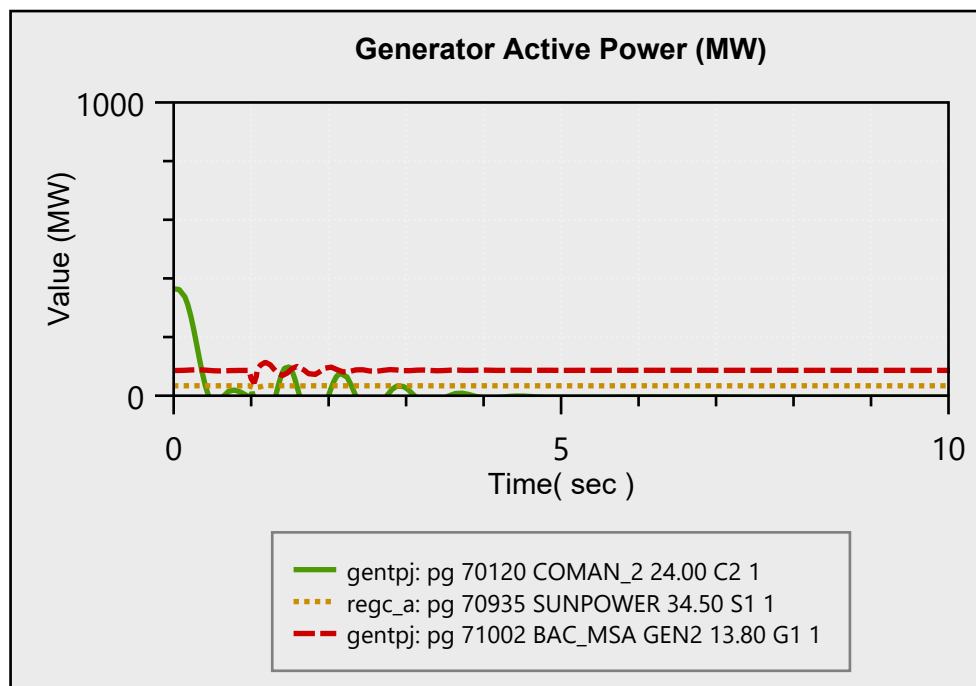
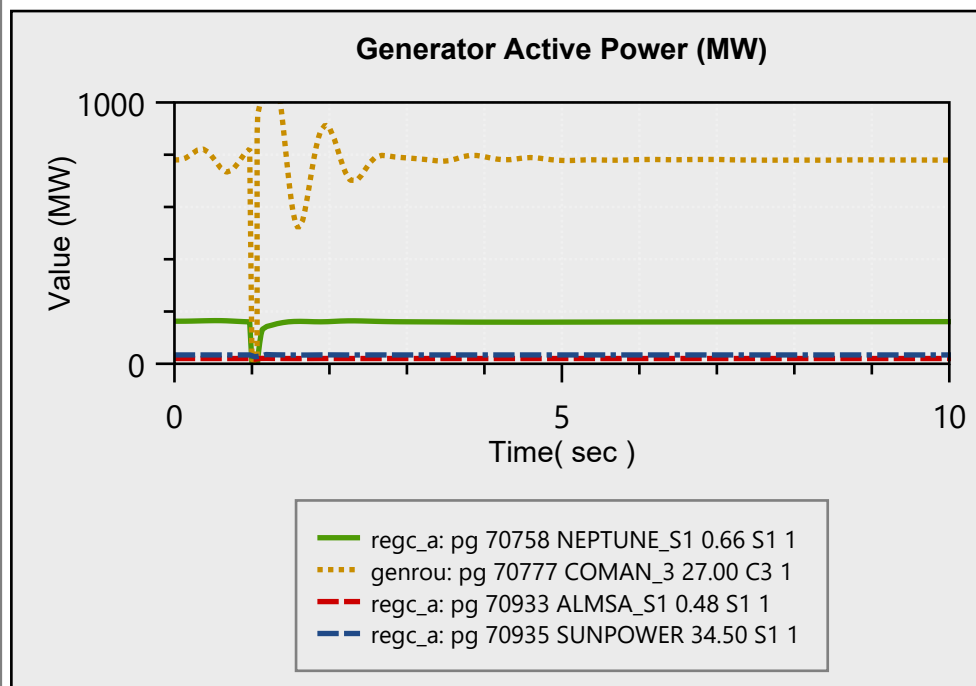
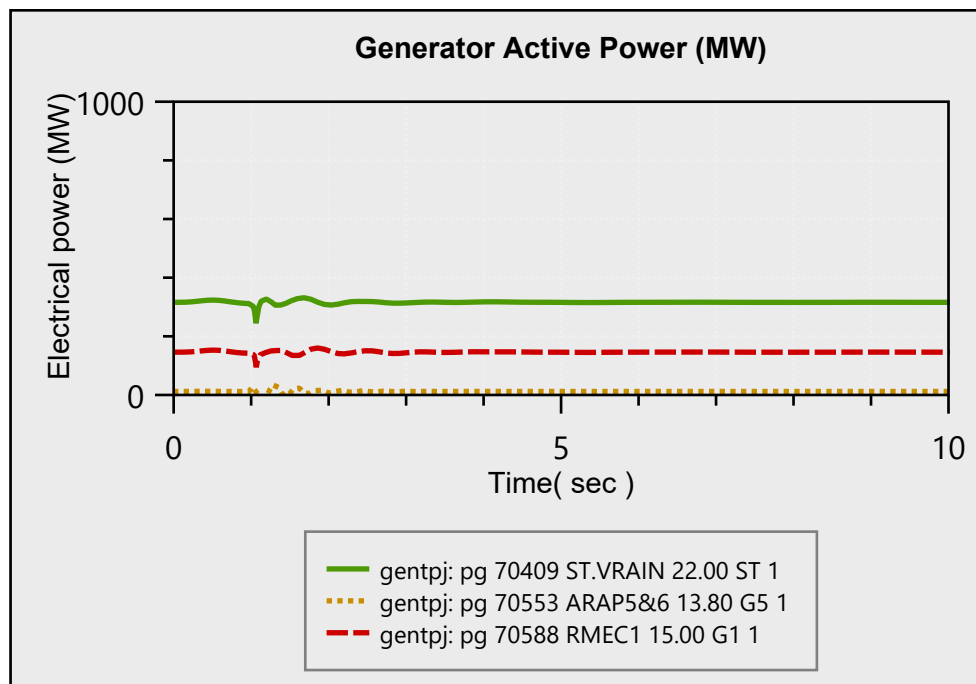
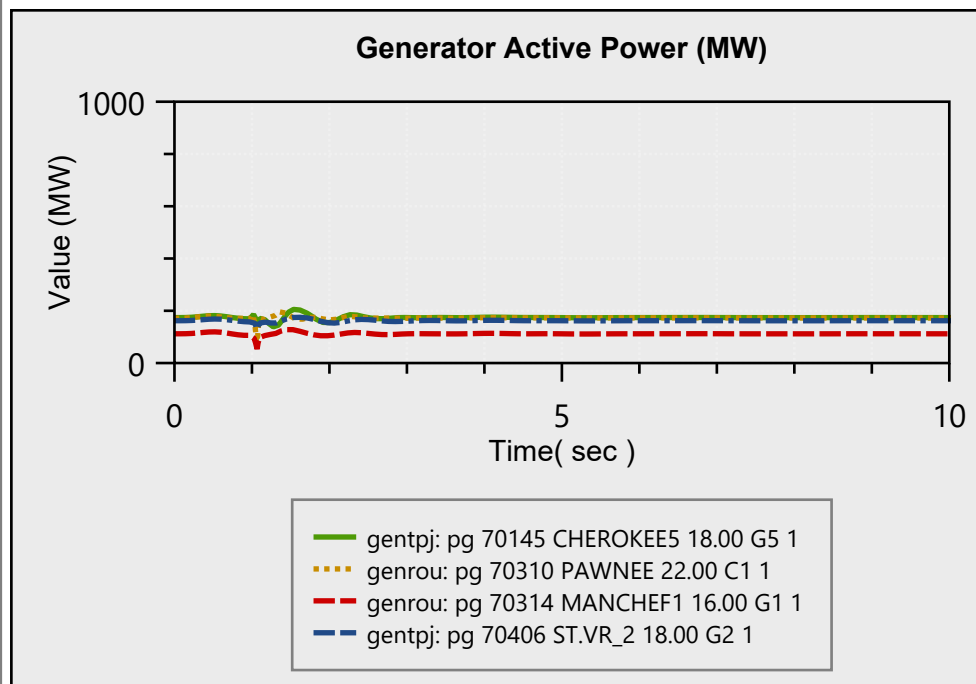
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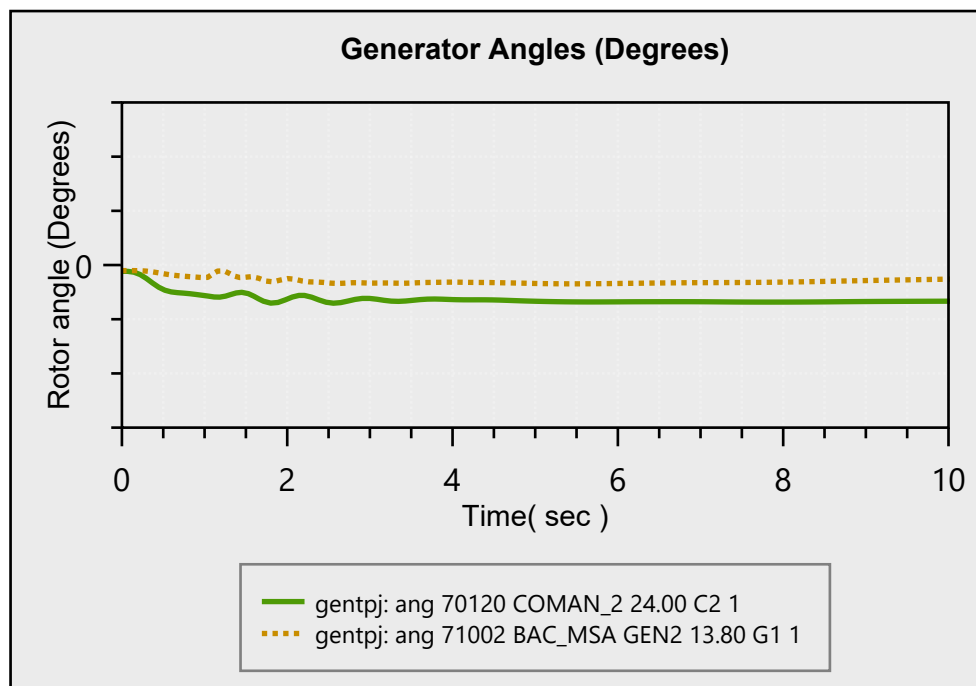
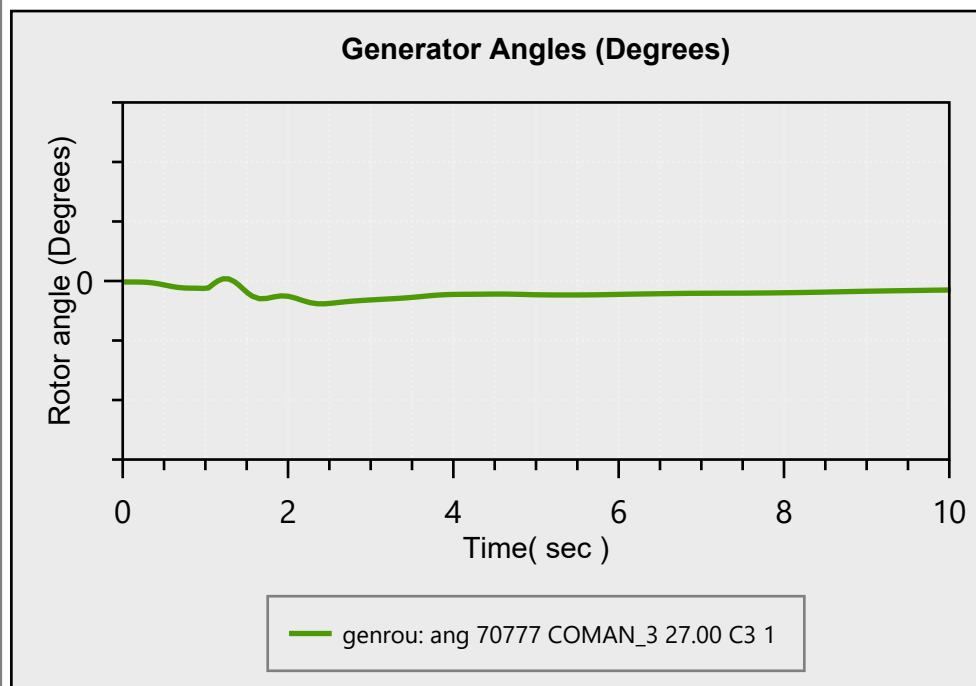
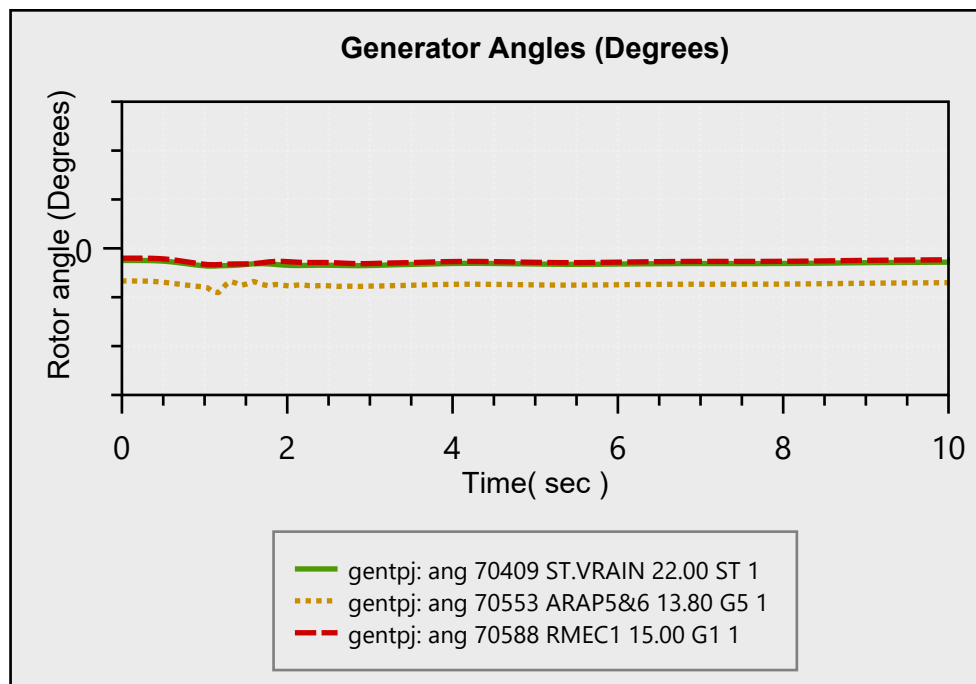
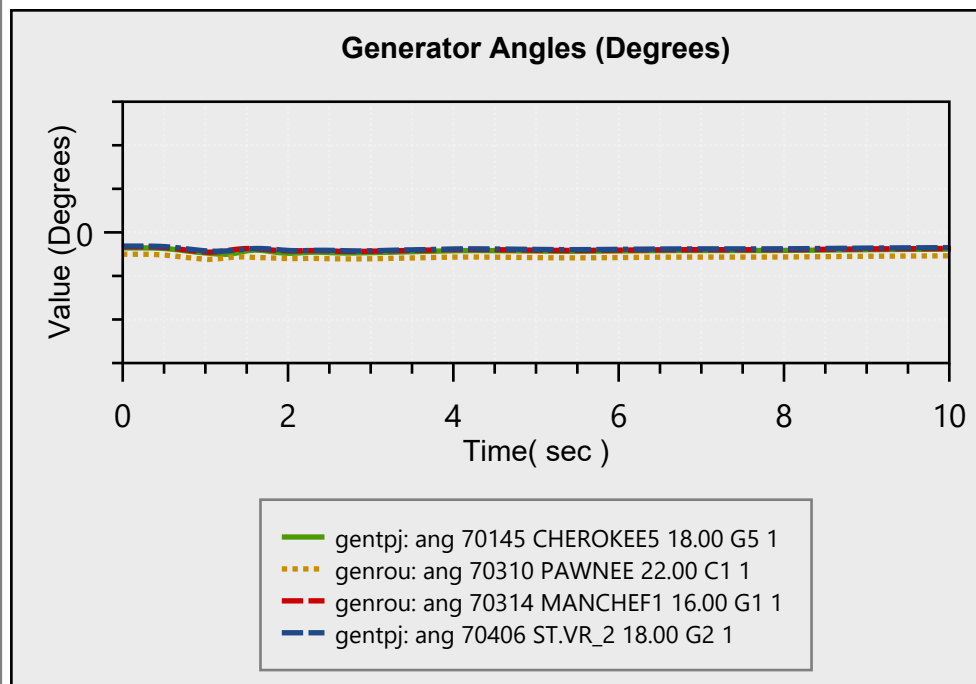
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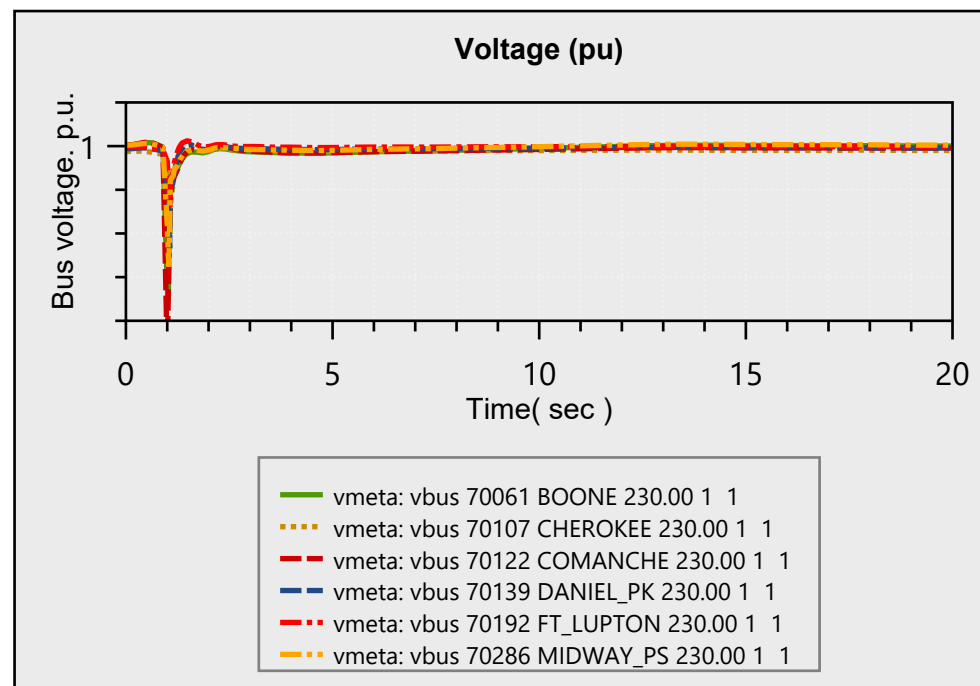
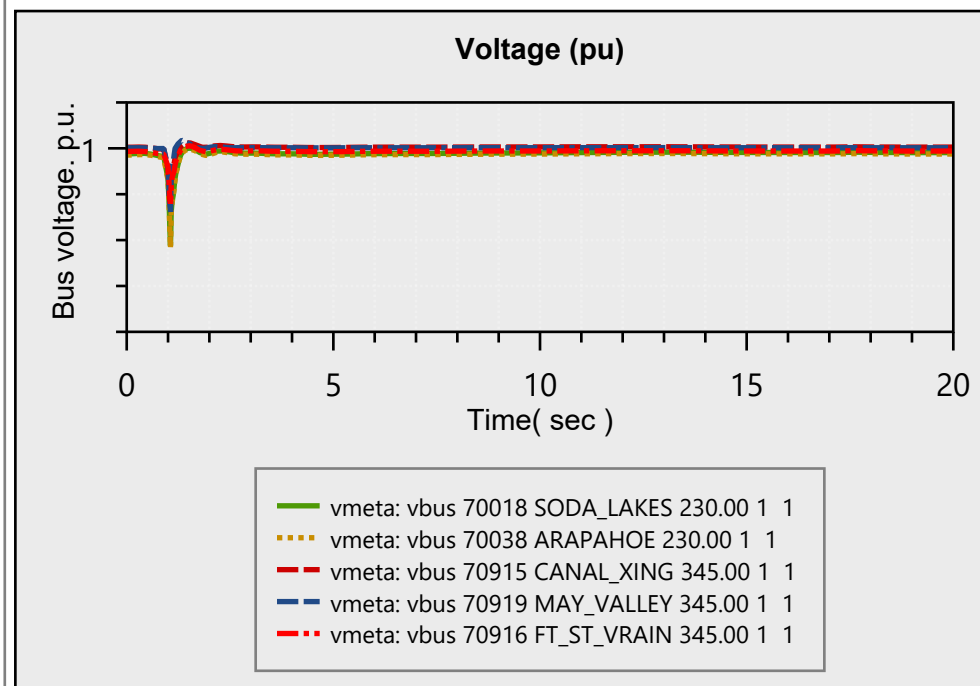
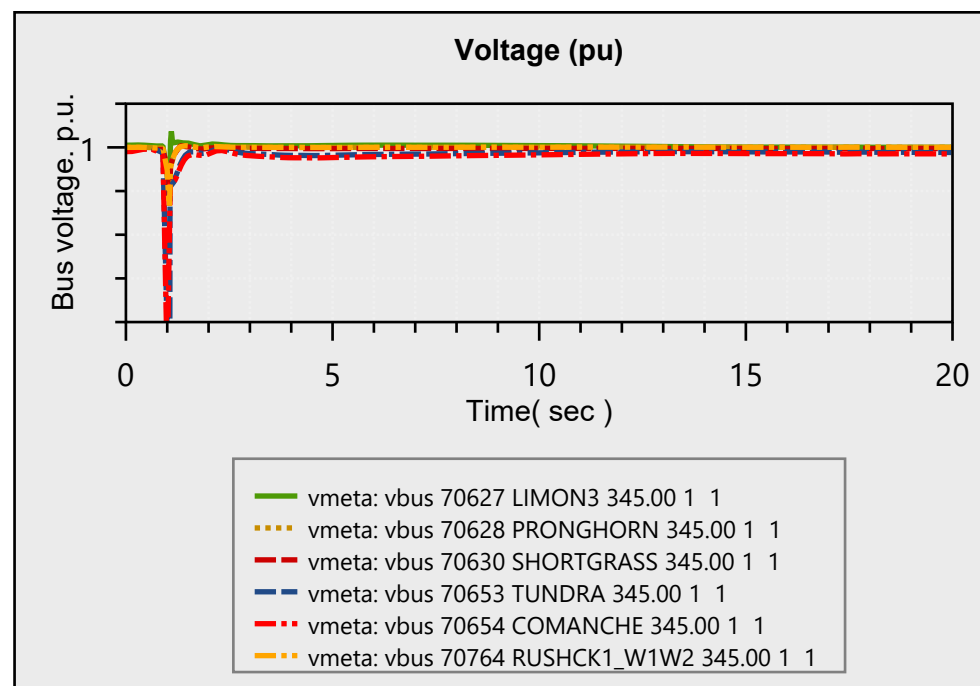
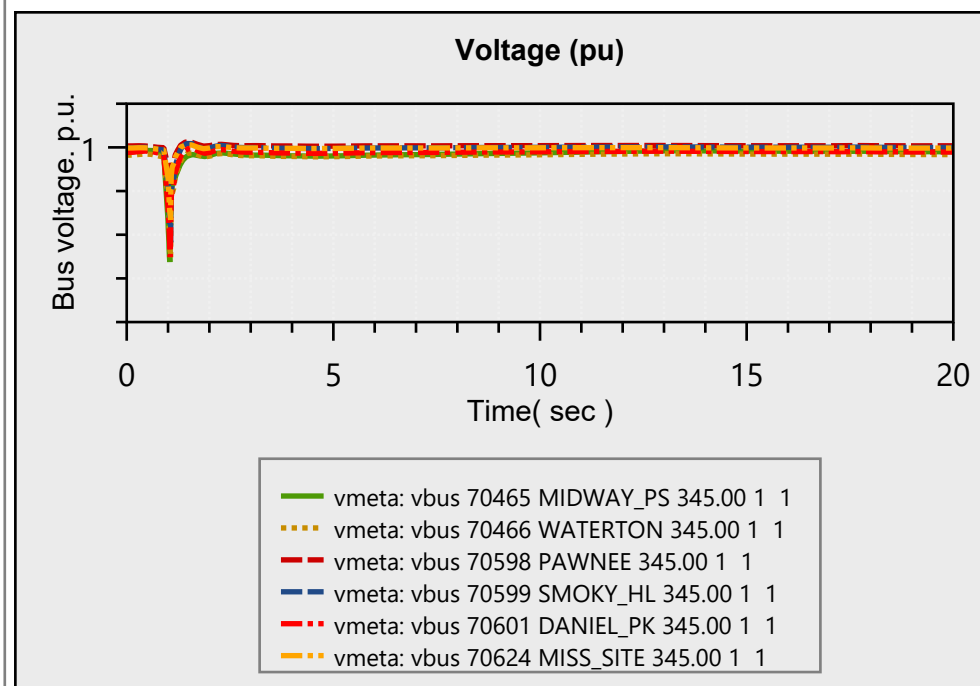
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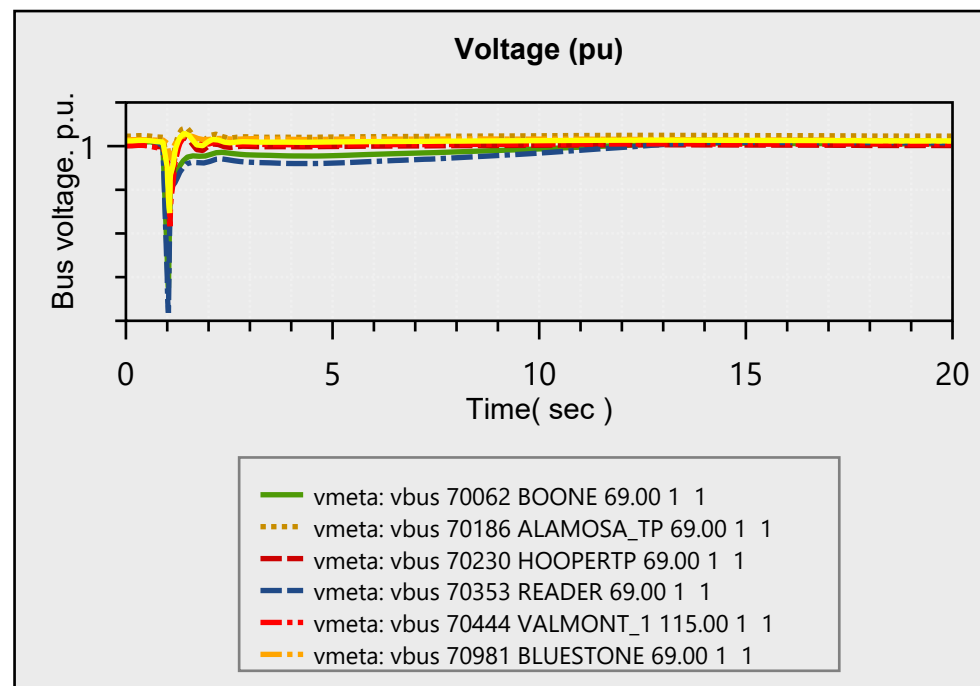
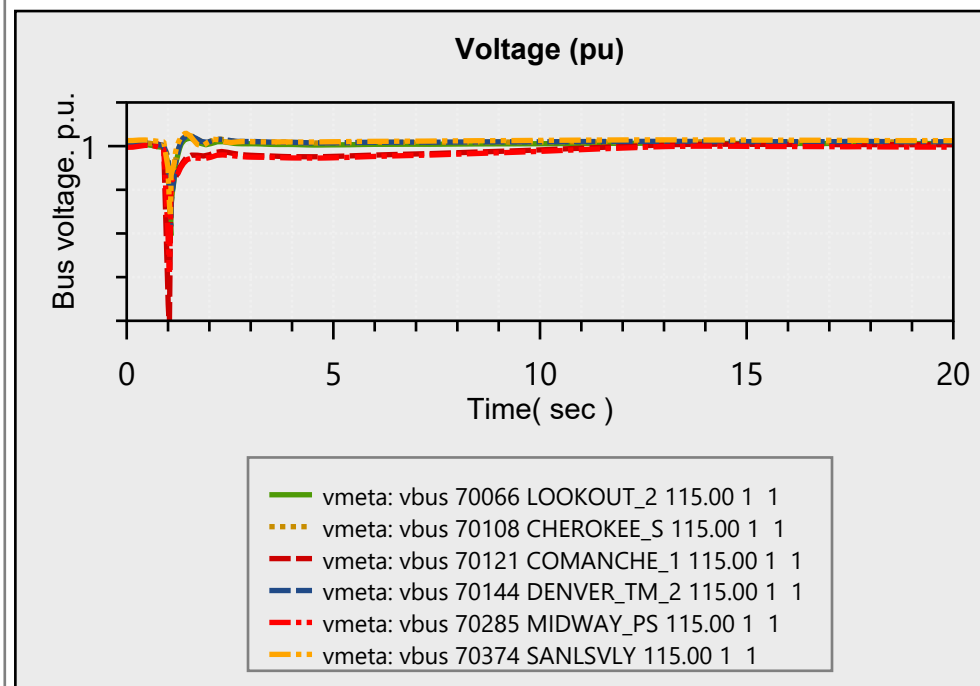
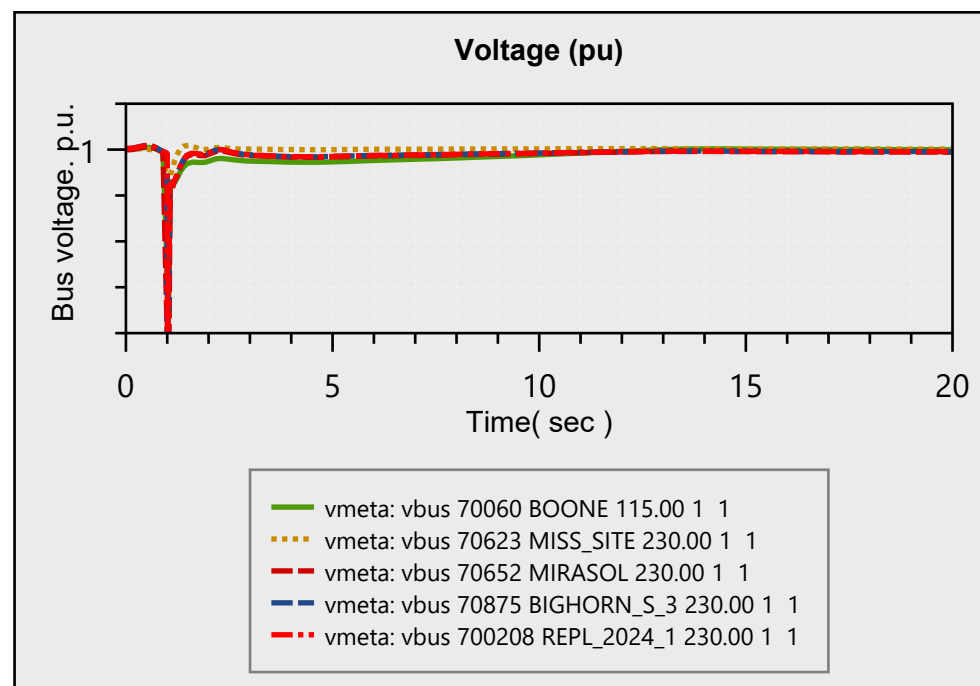
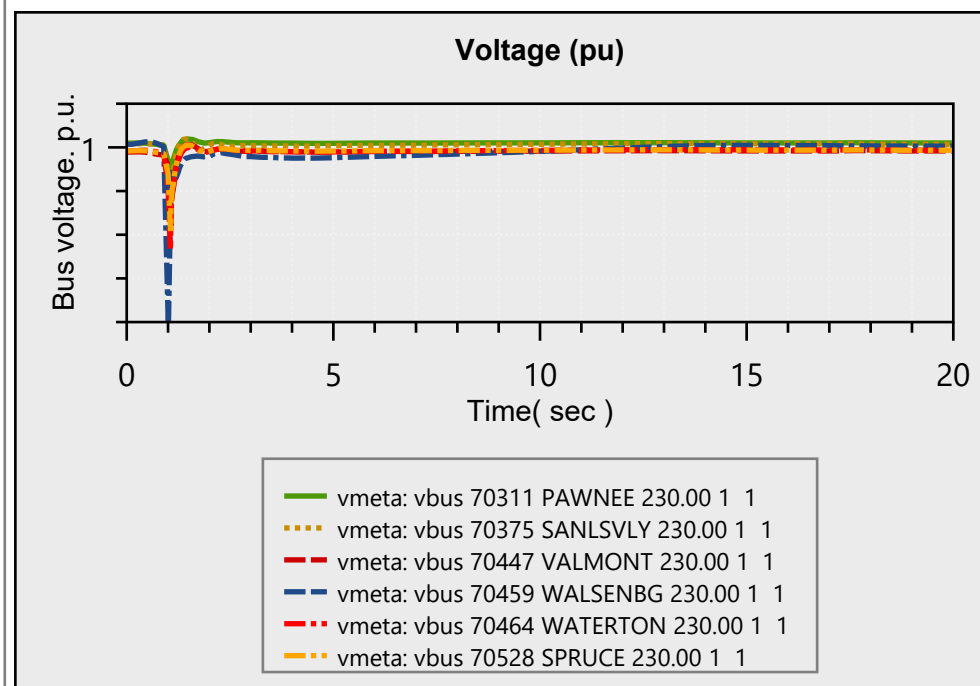
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OUTPUTS

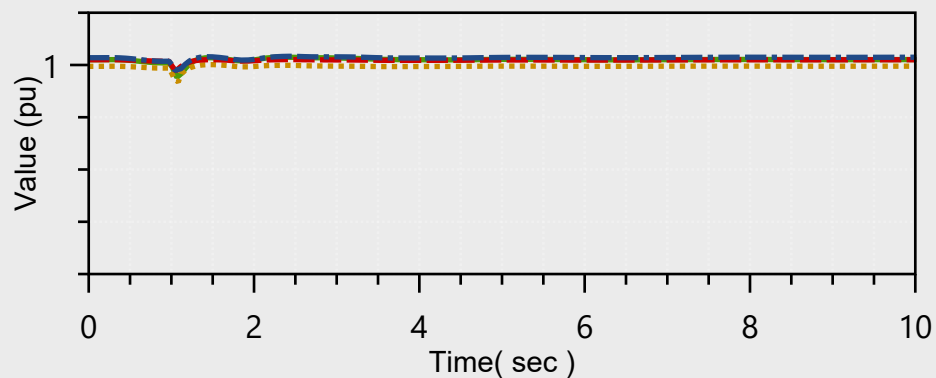


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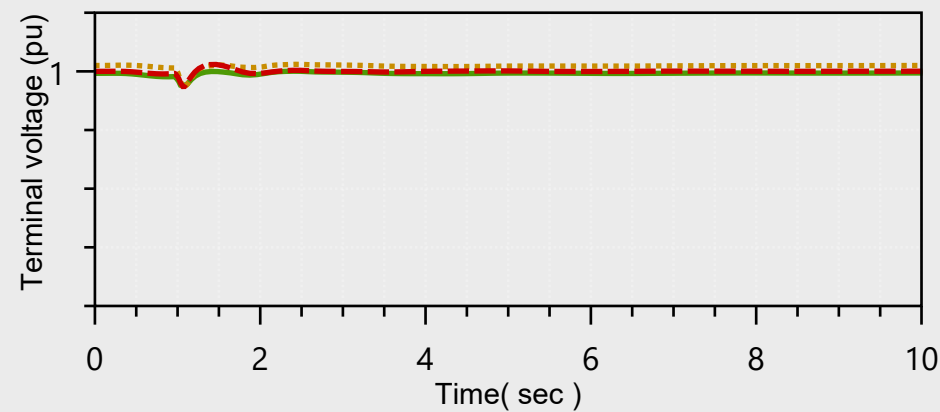


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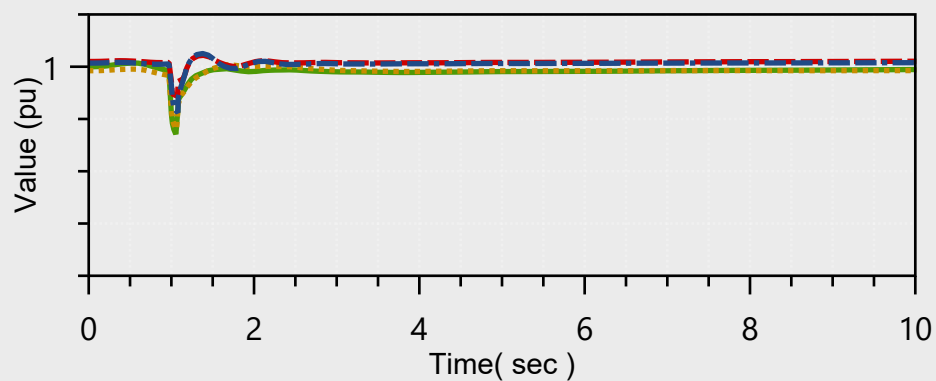
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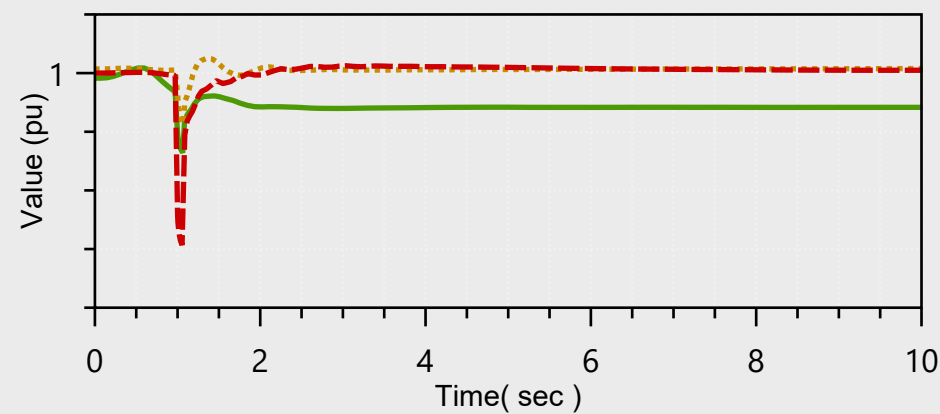
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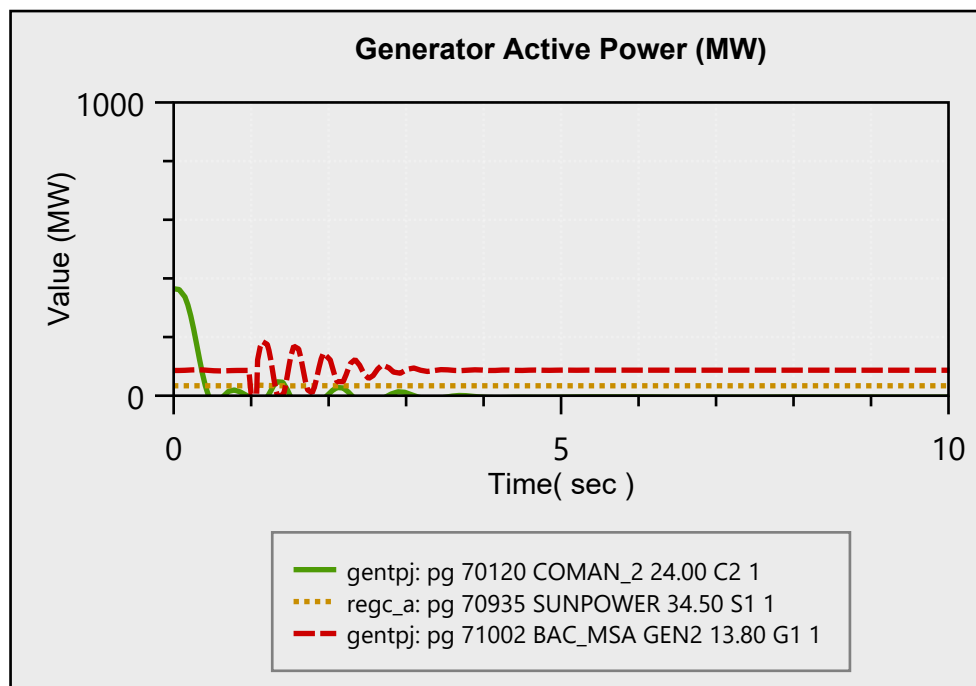
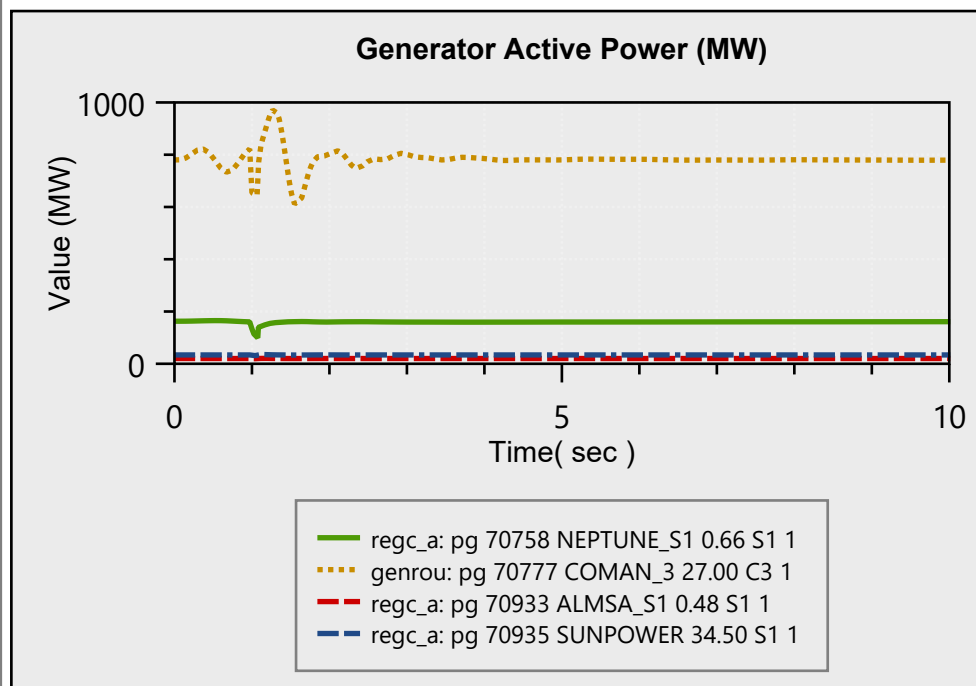
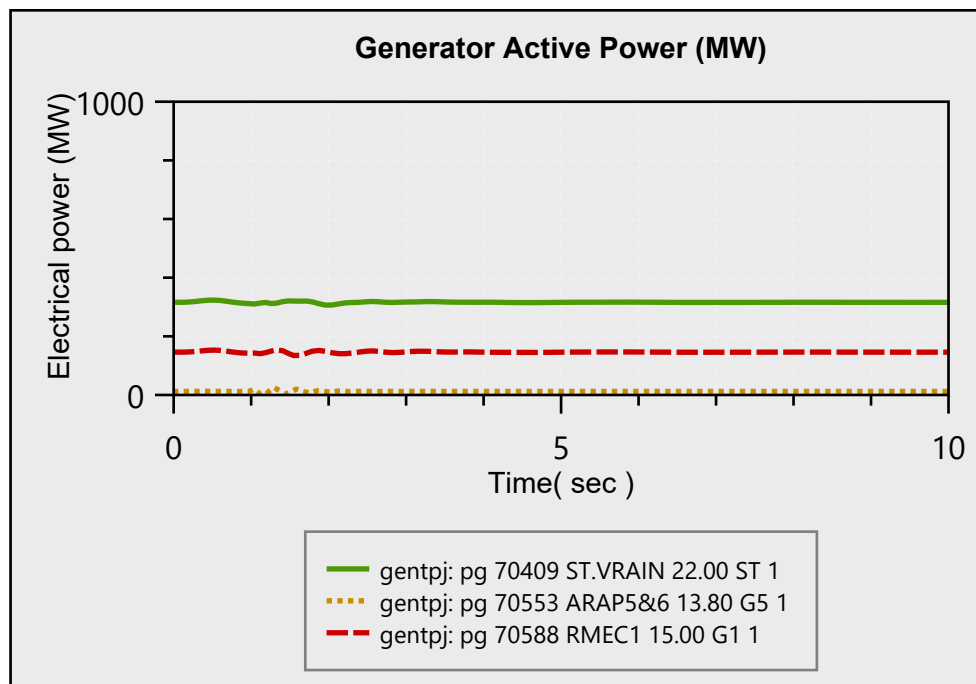
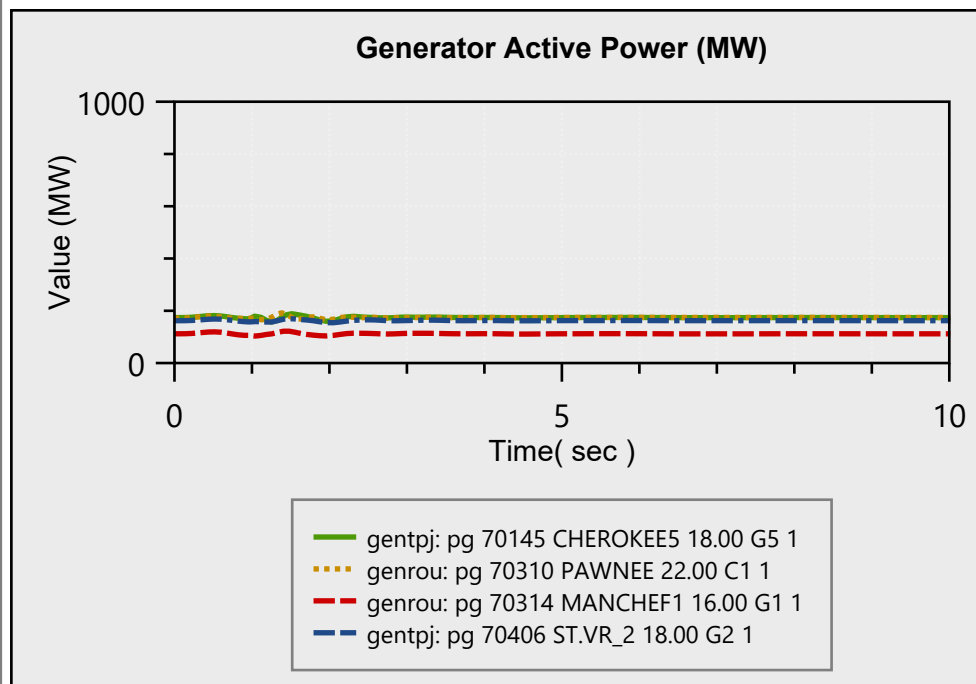
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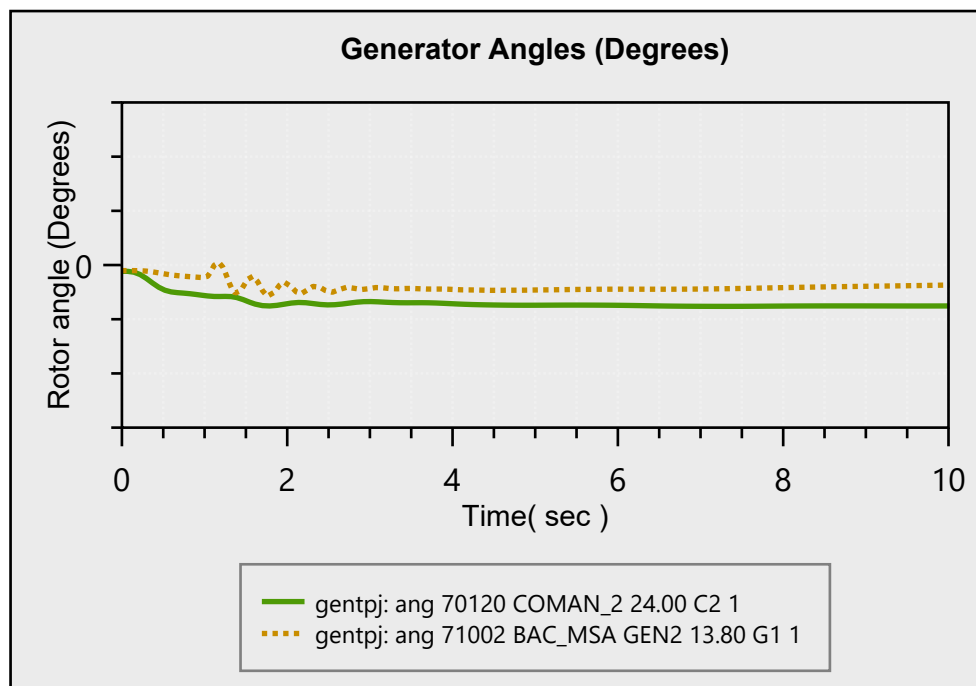
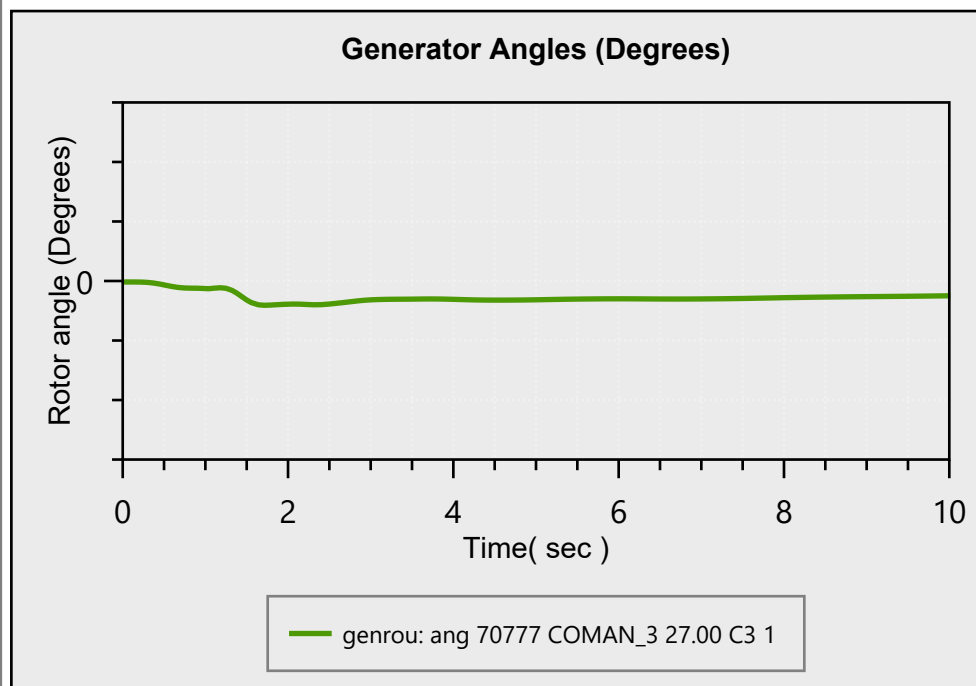
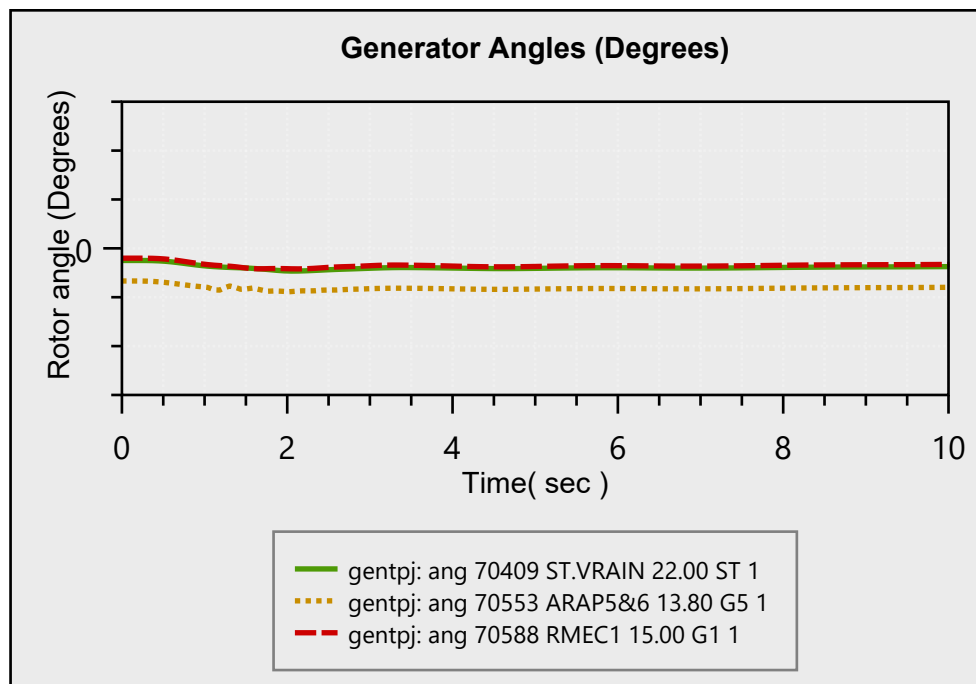
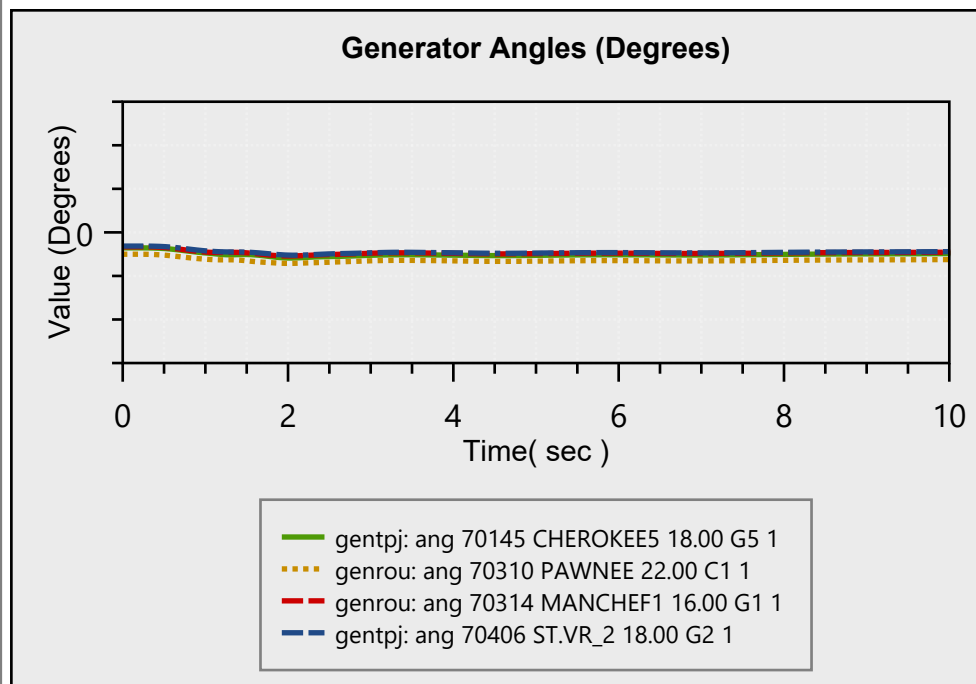
Generator Terminal Voltage (pu)



OUTPUTS

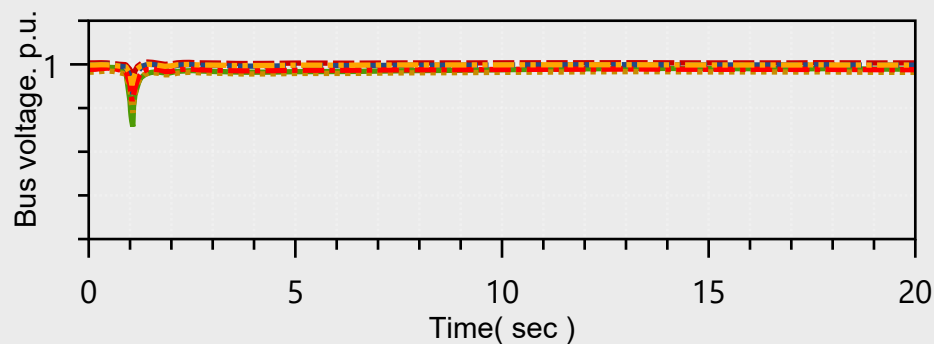


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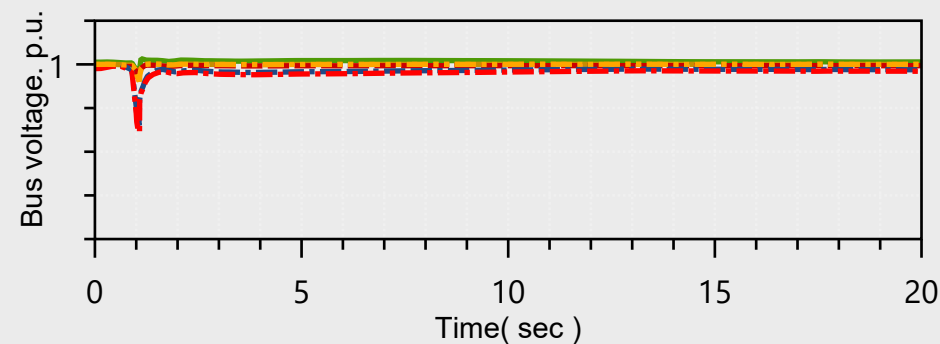


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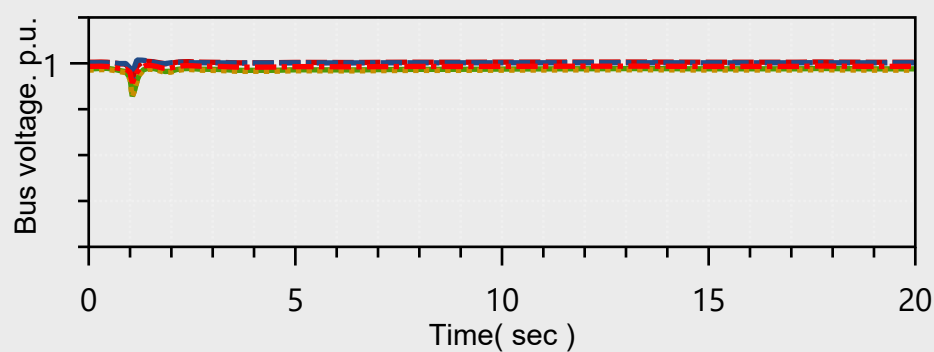
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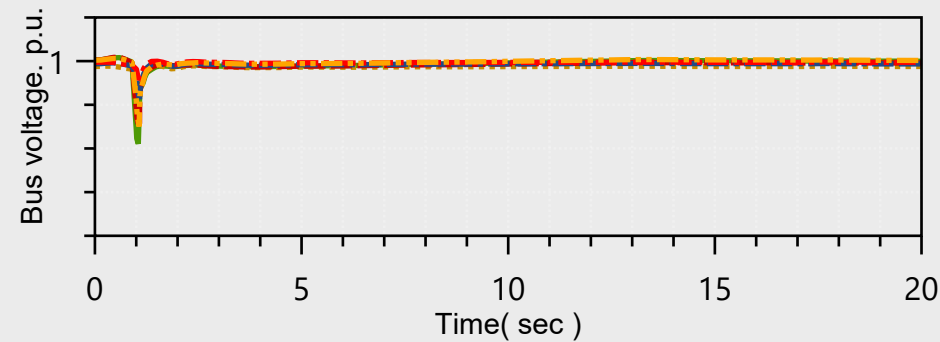
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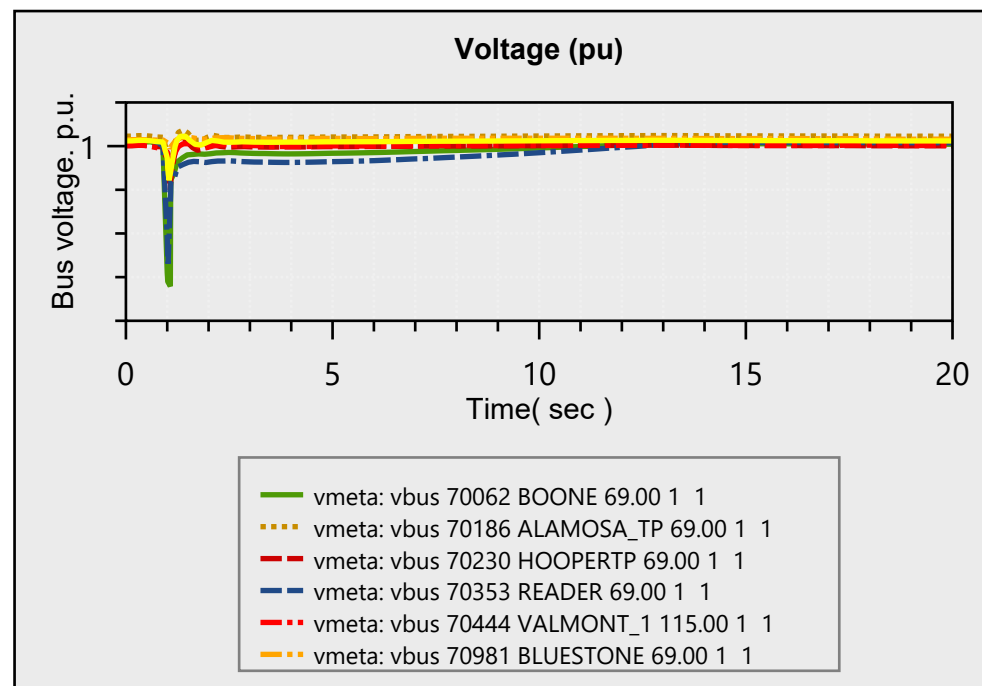
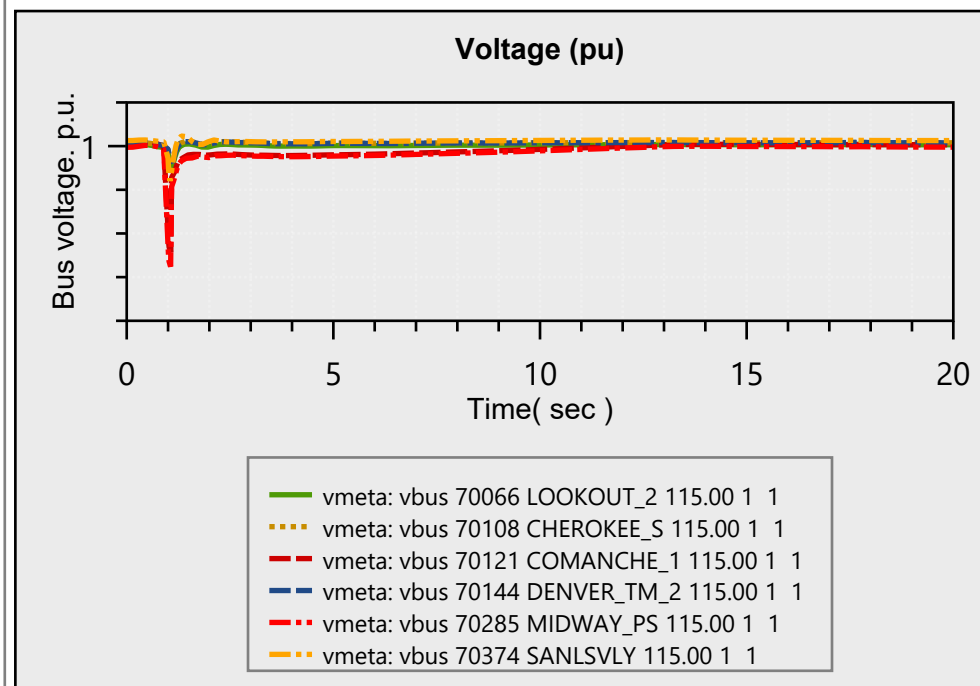
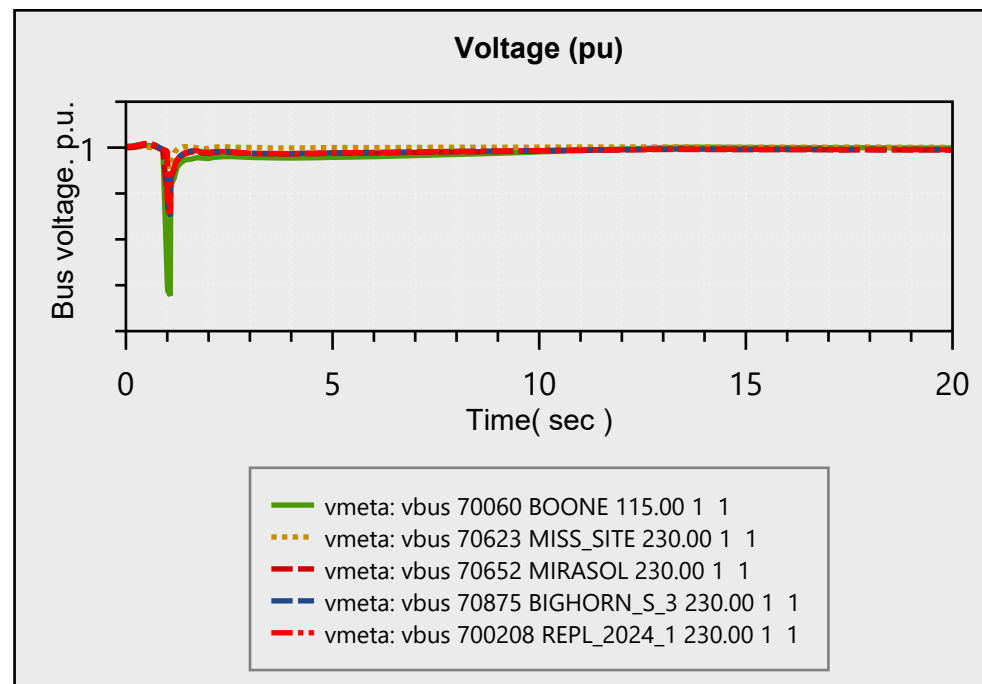
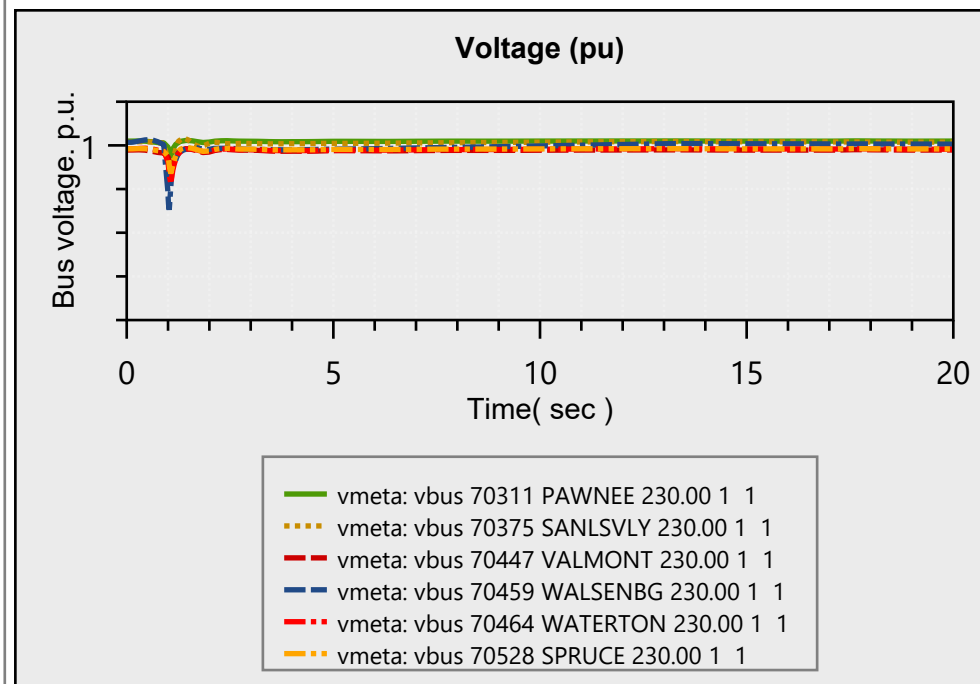
Voltage (pu)



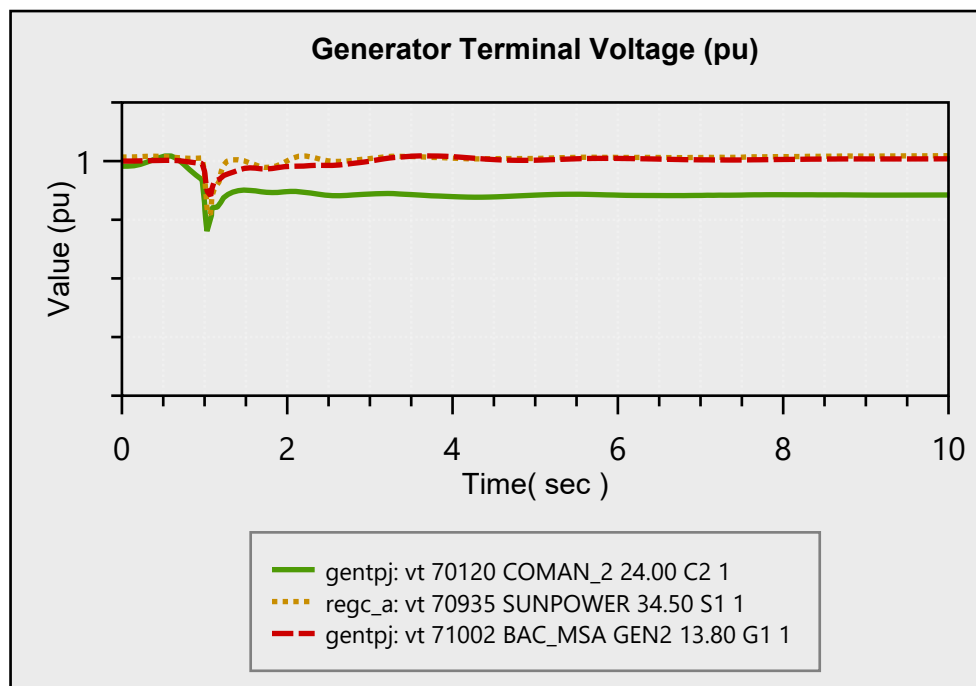
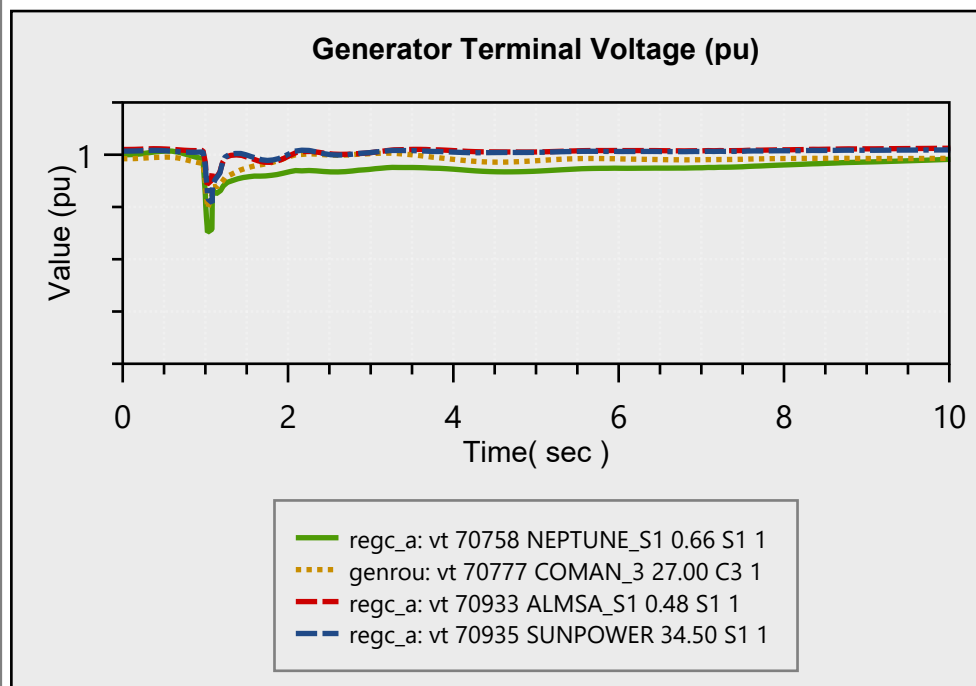
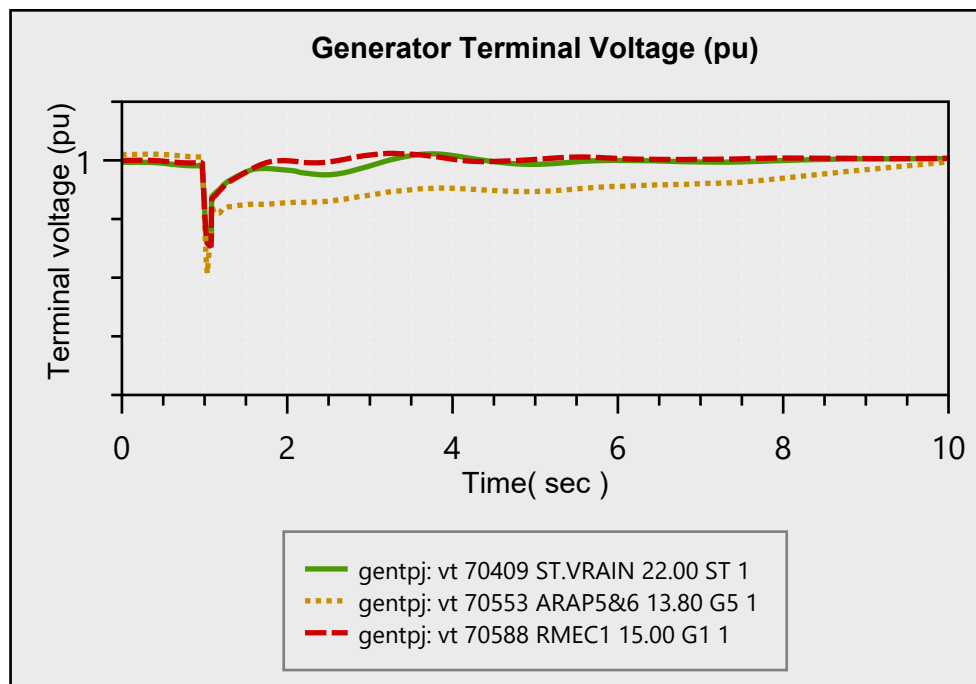
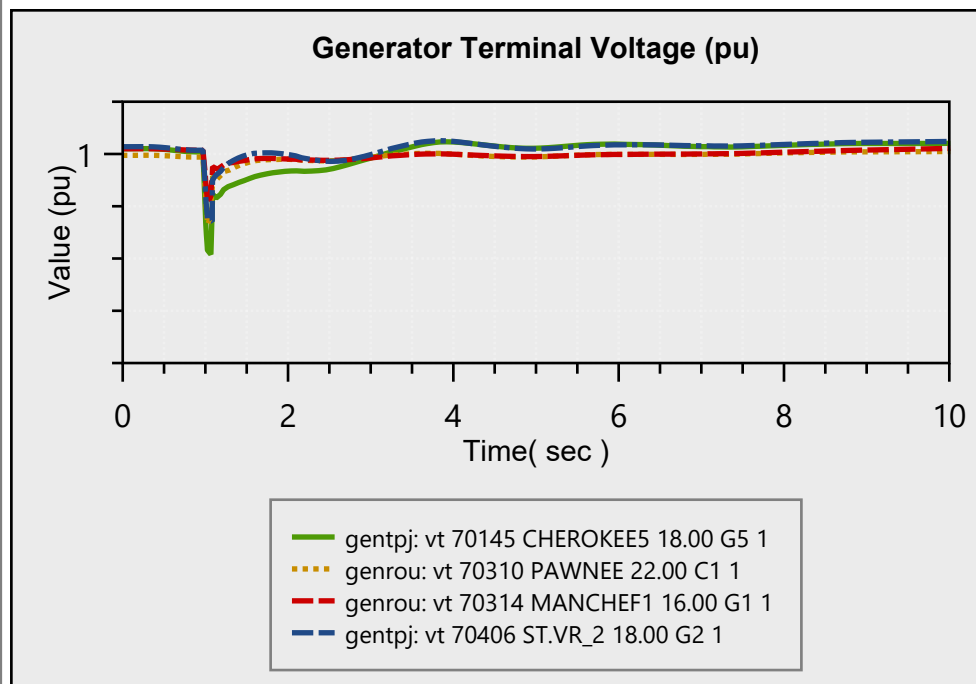
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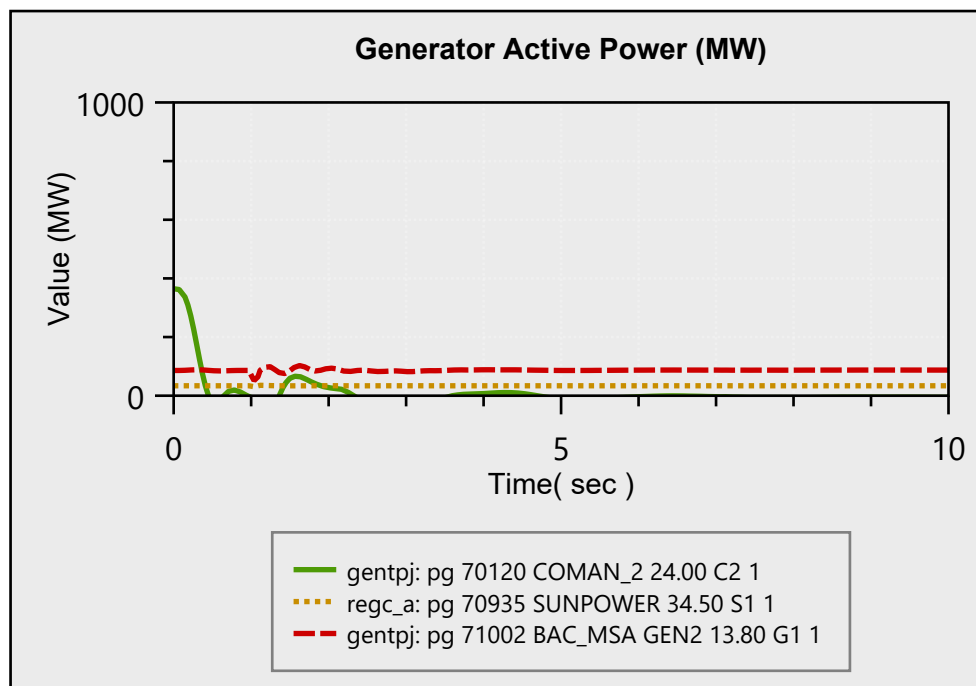
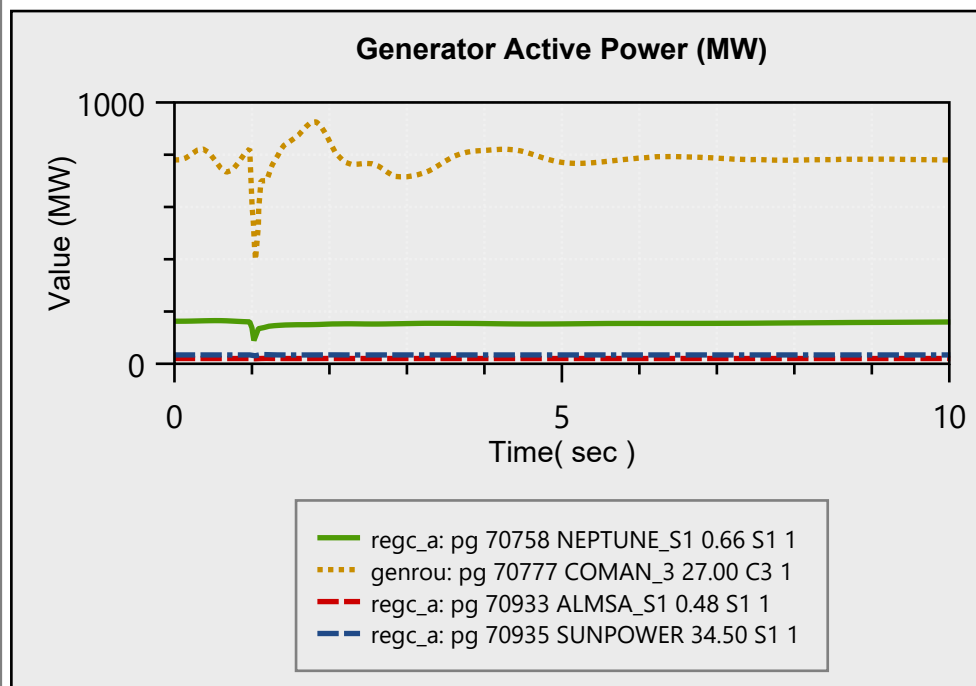
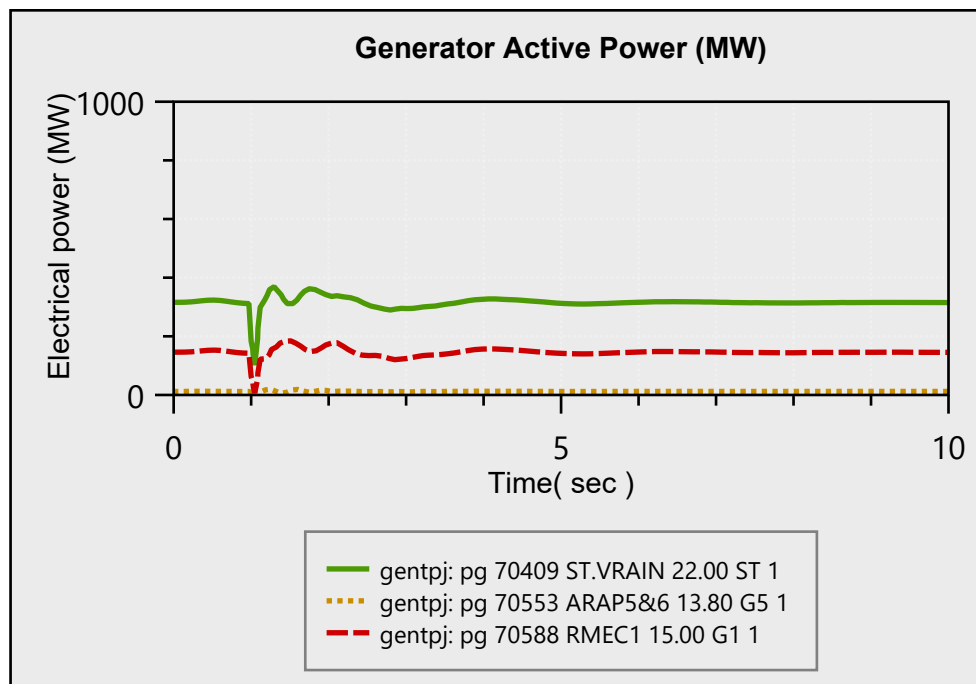
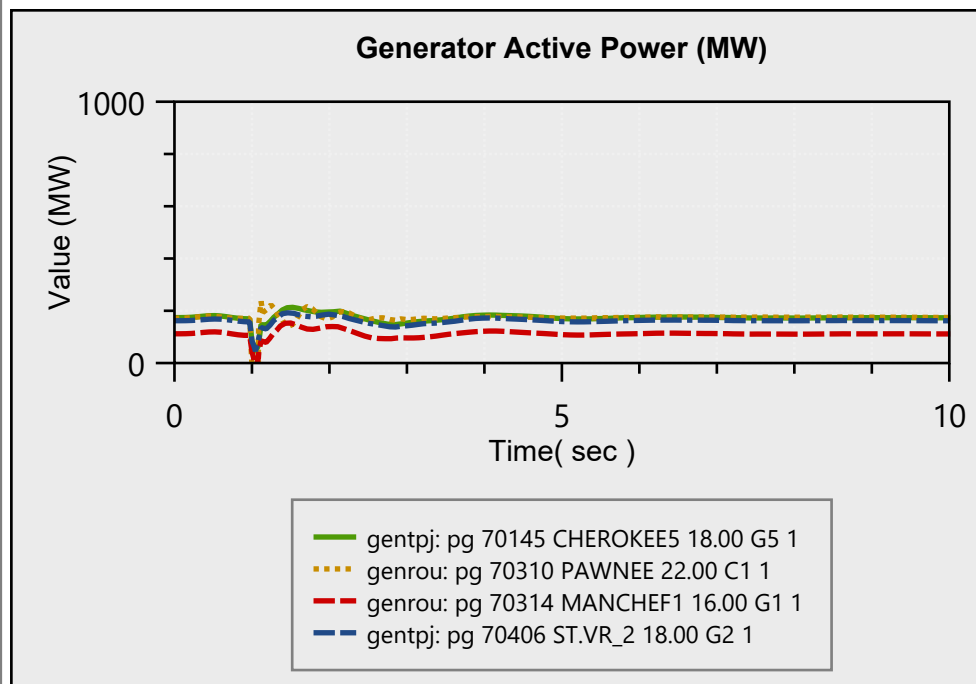
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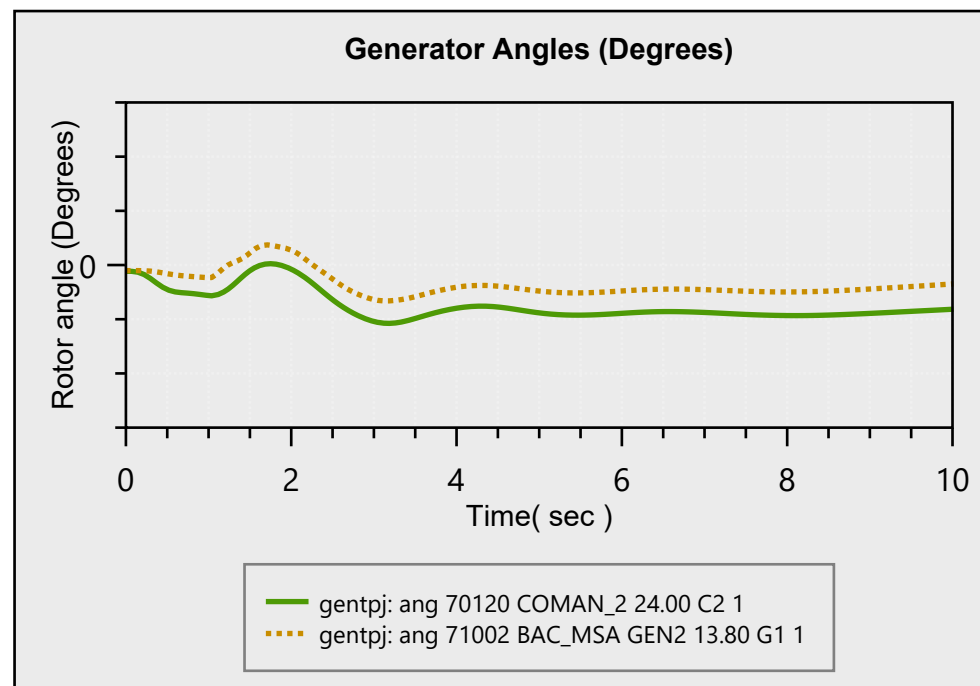
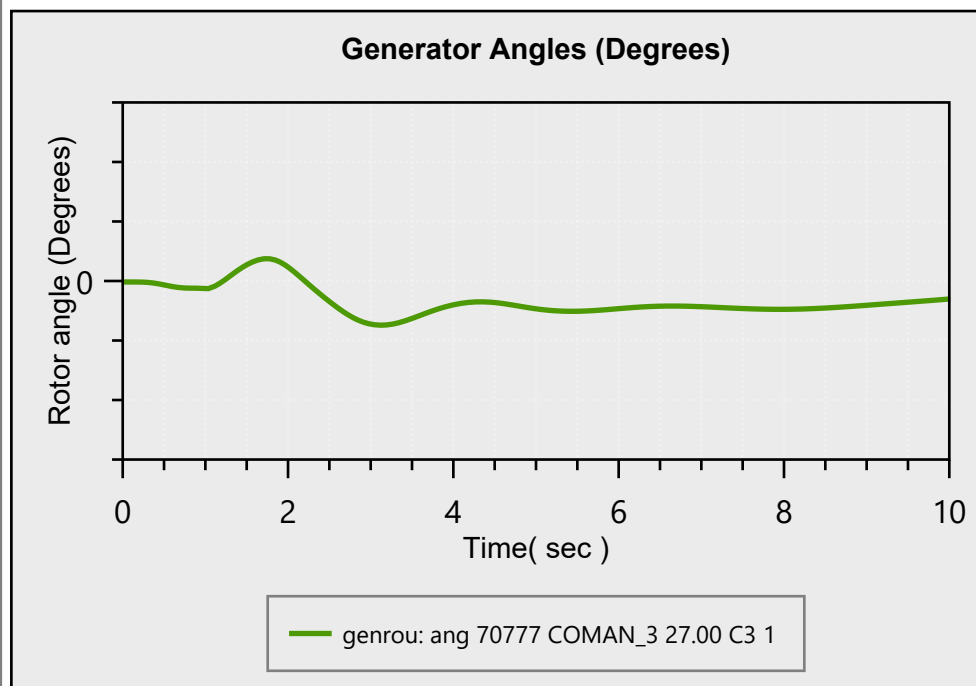
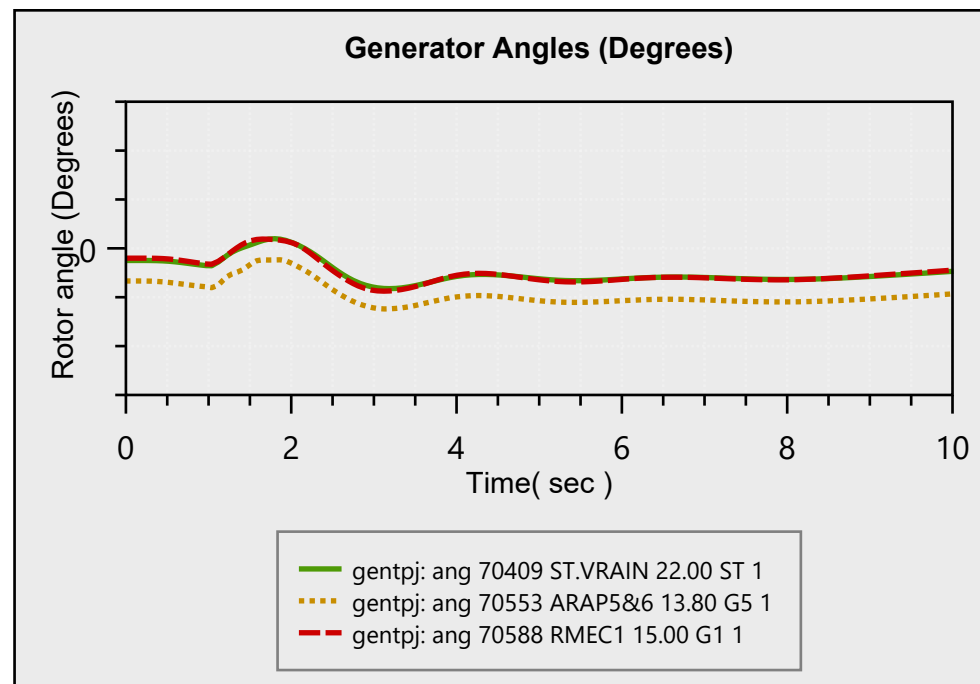
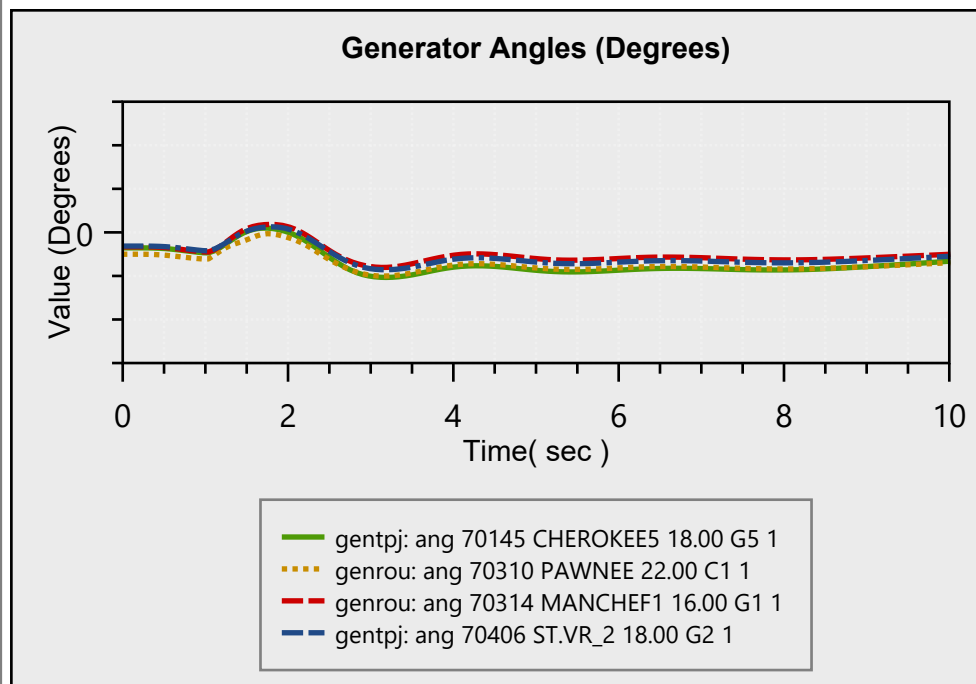
OUTPUTS



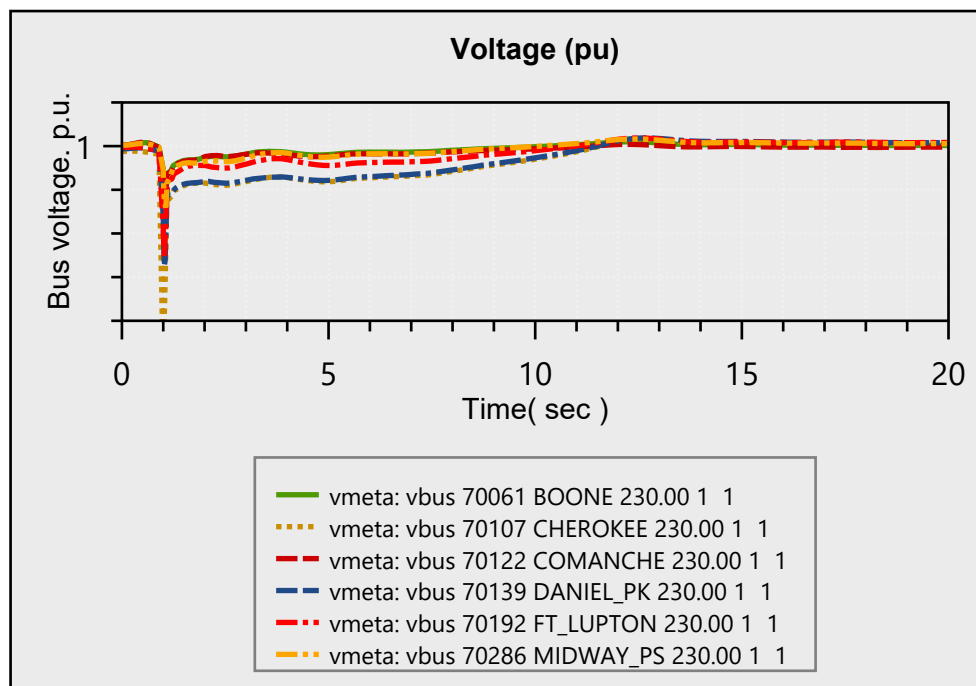
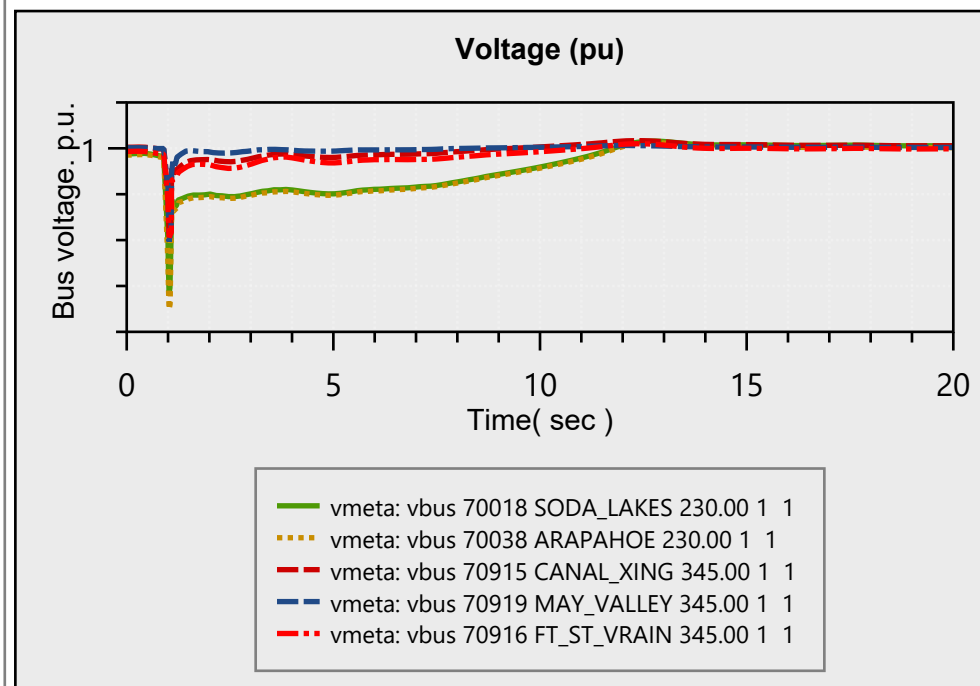
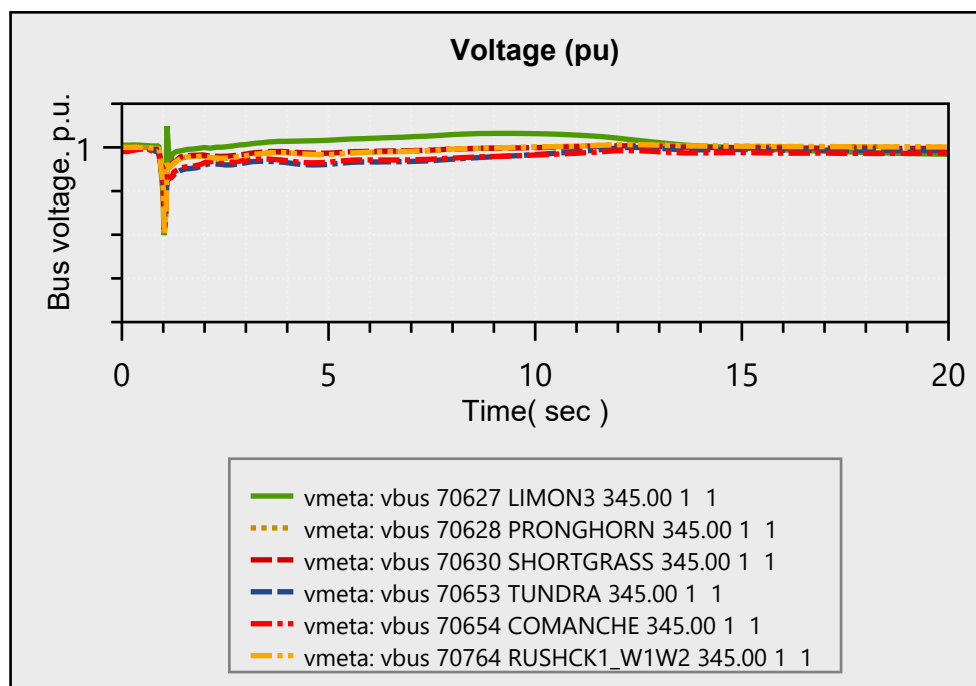
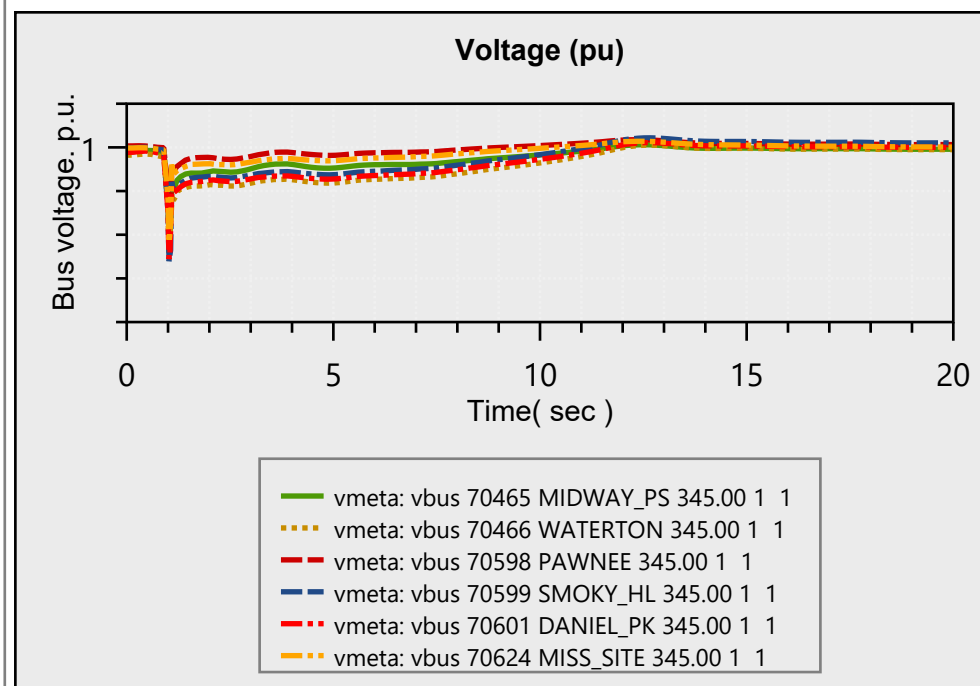
OUTPUTS



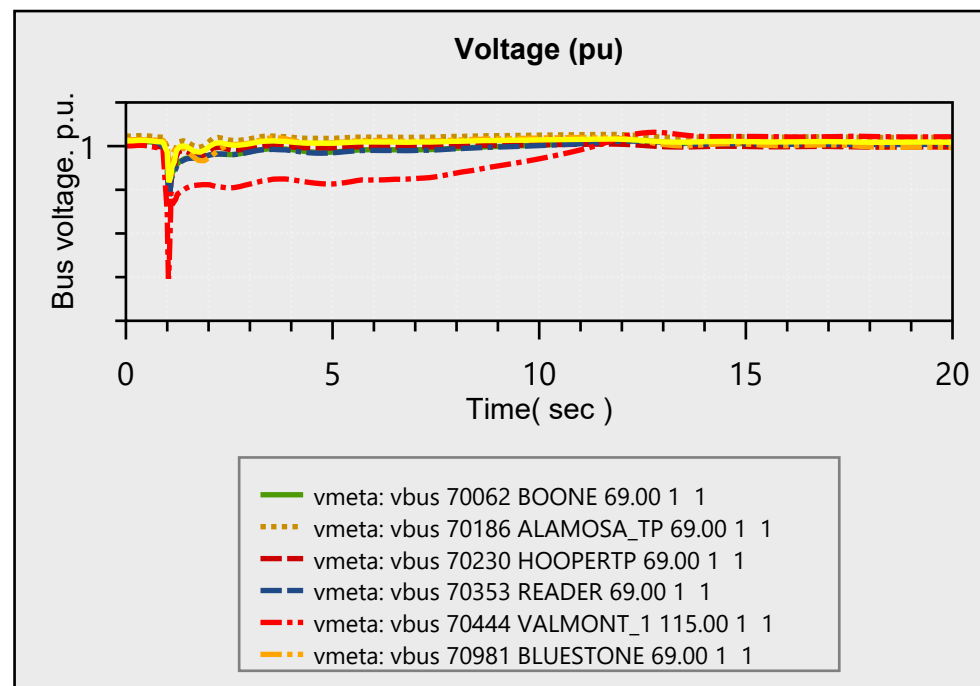
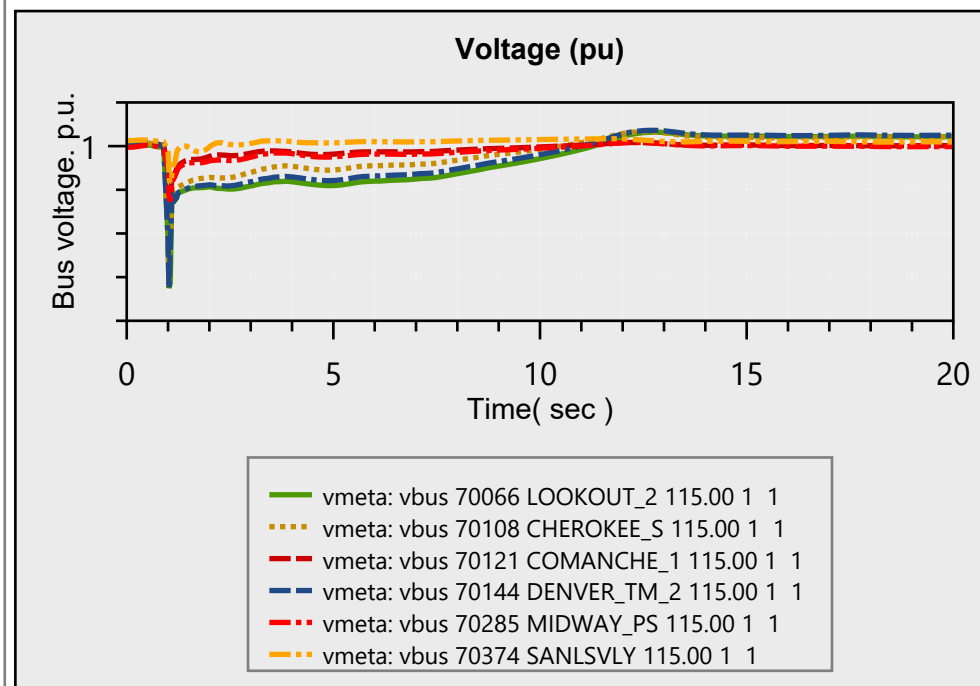
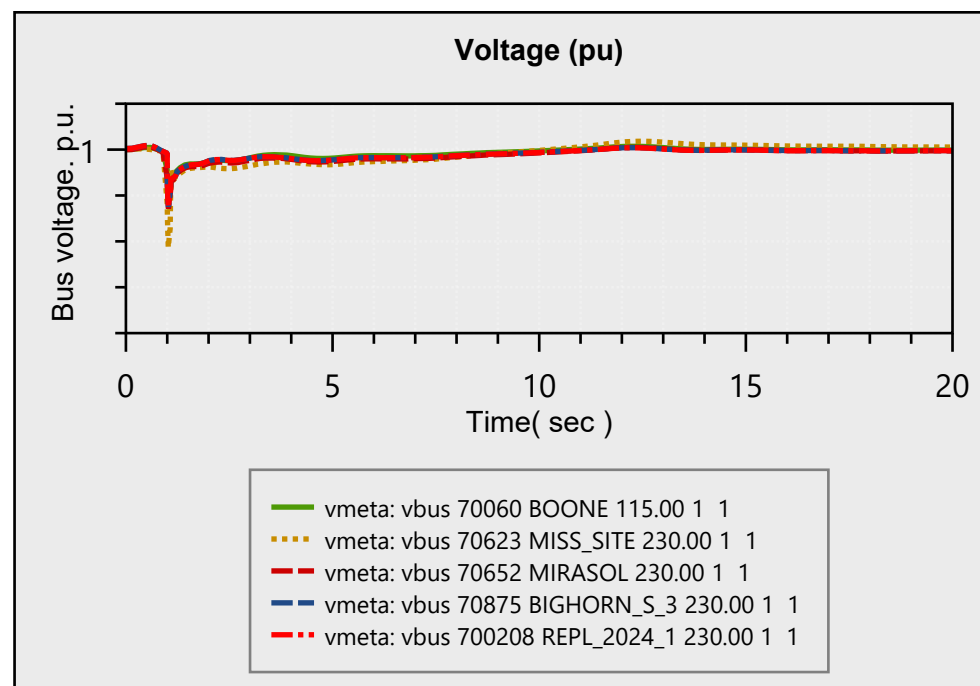
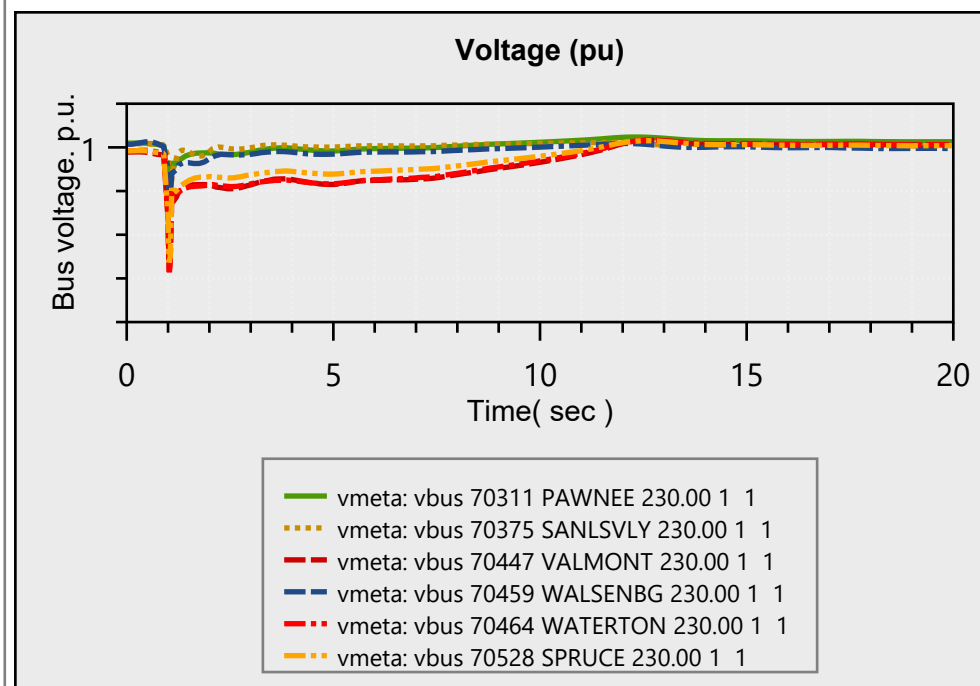
OUTPUTS



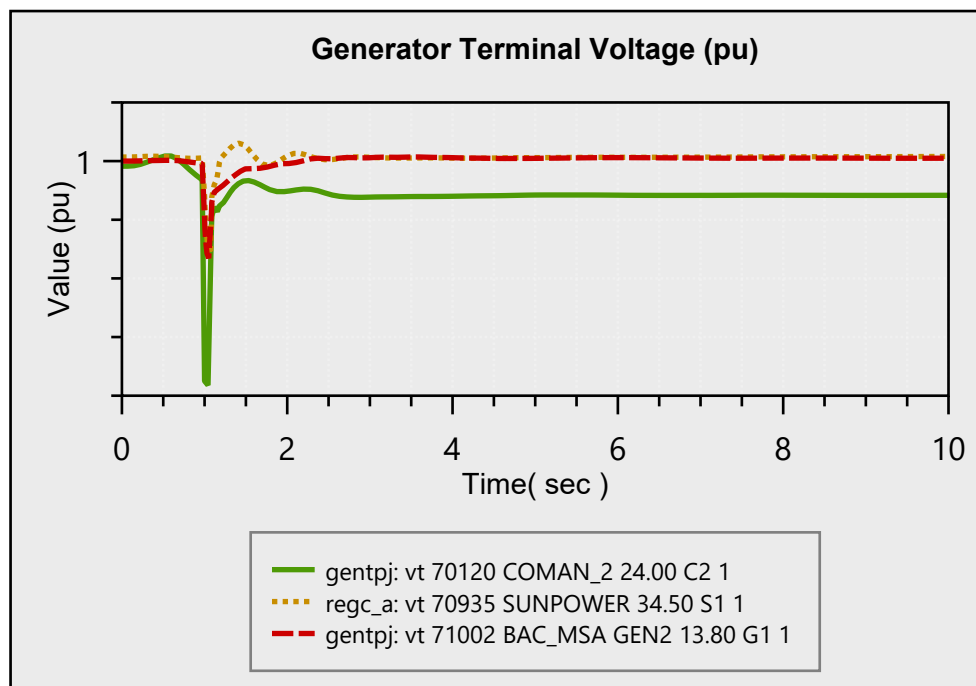
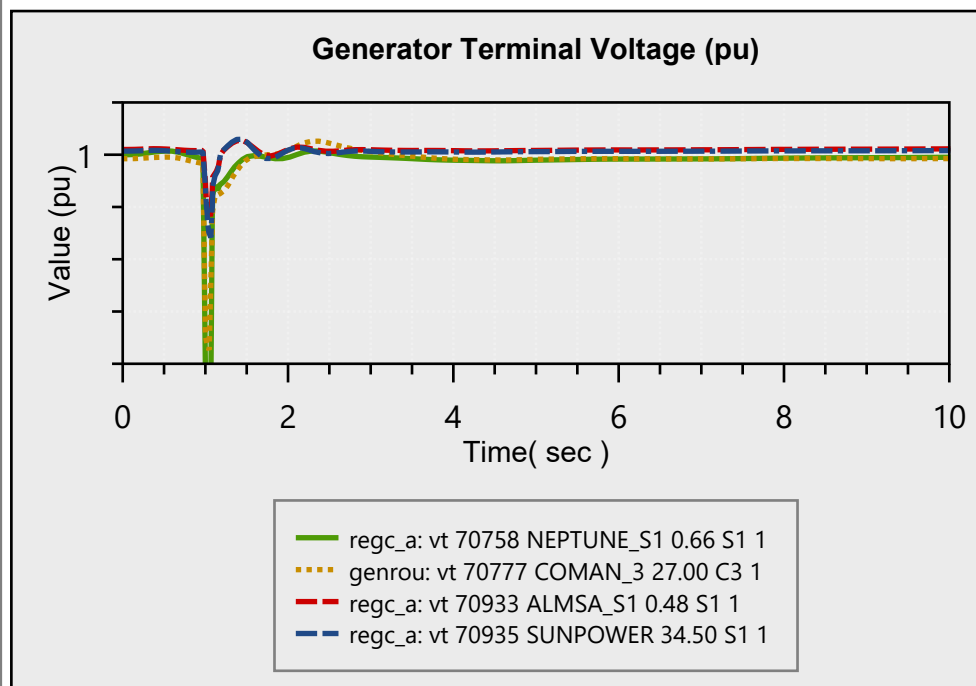
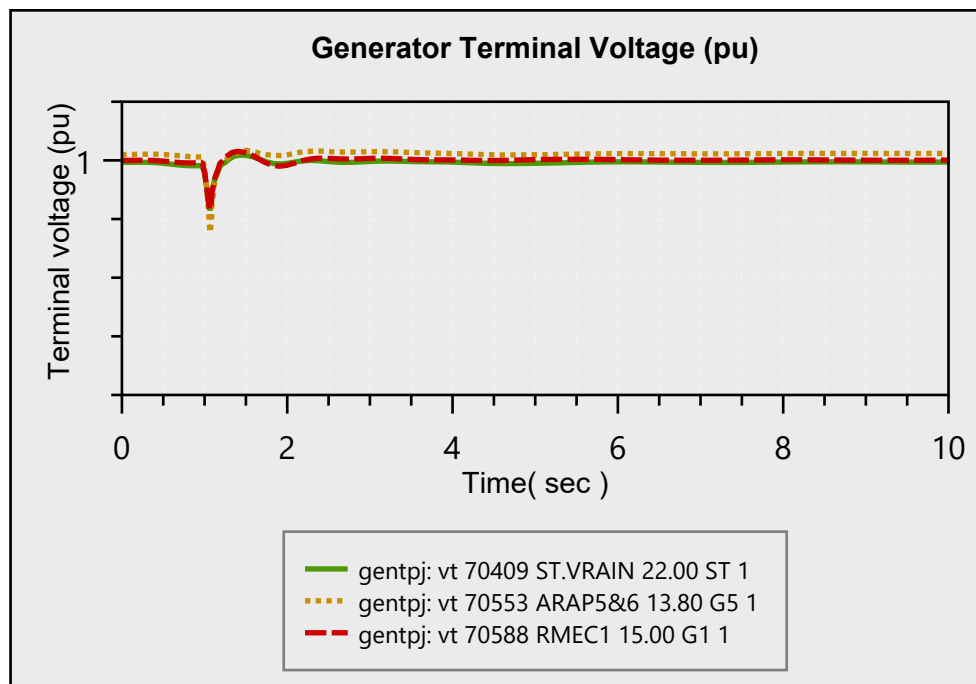
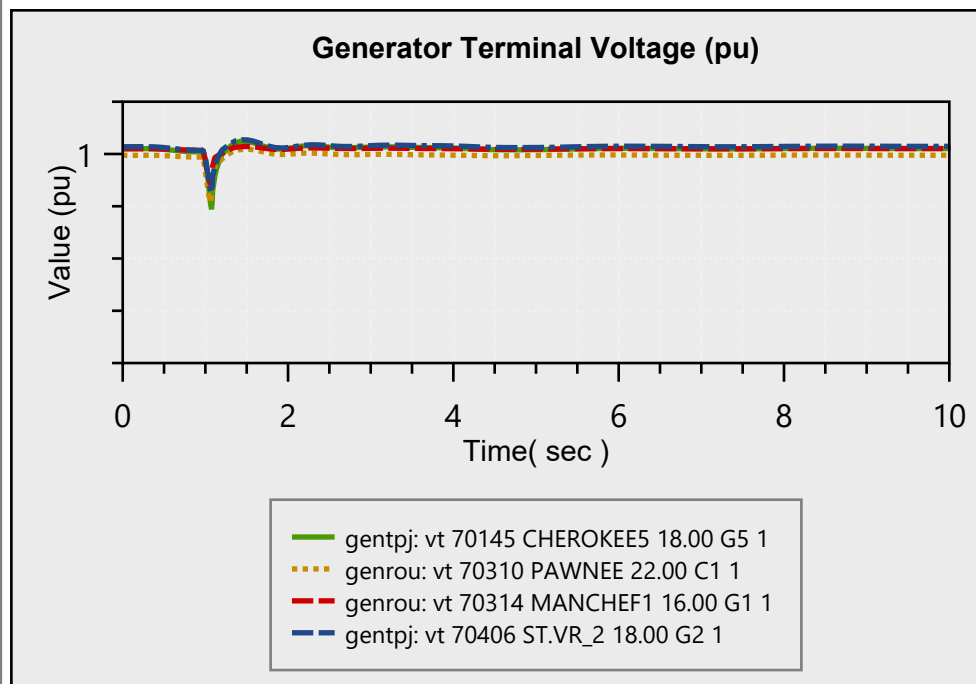
OUTPUTS



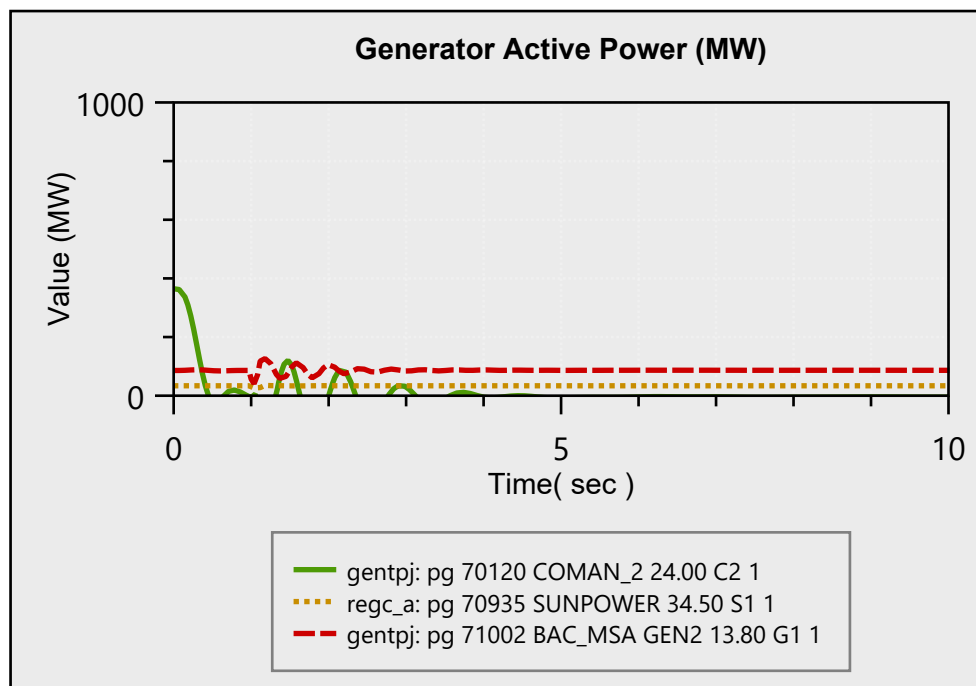
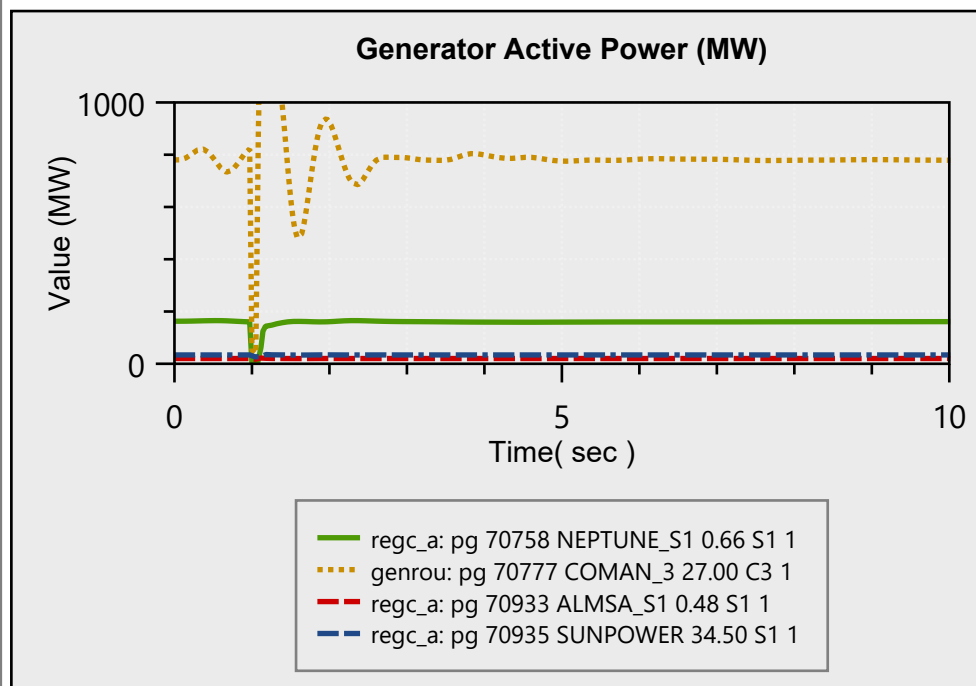
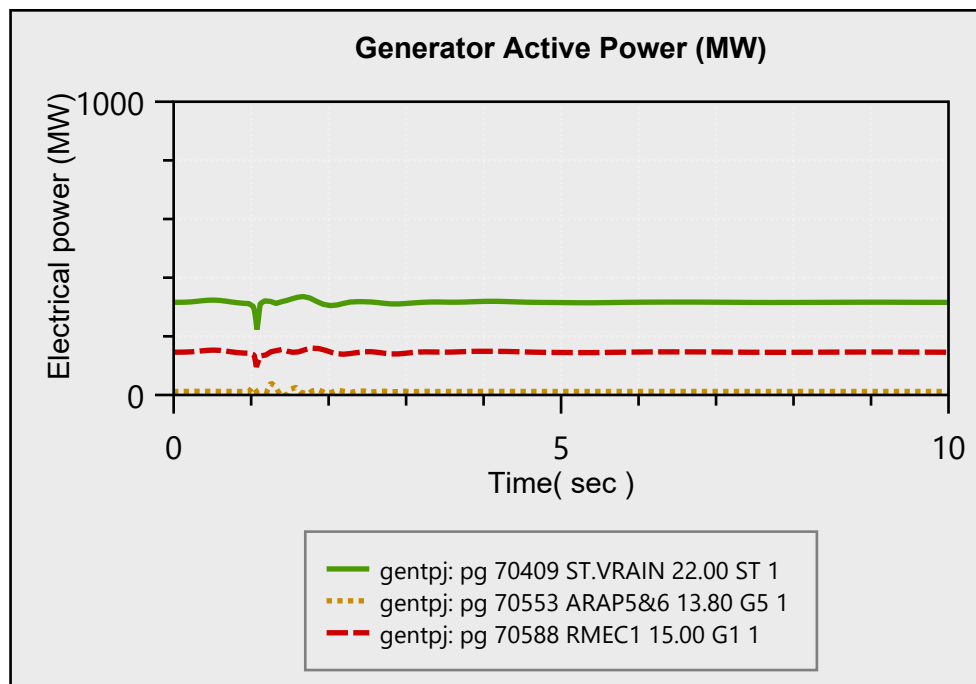
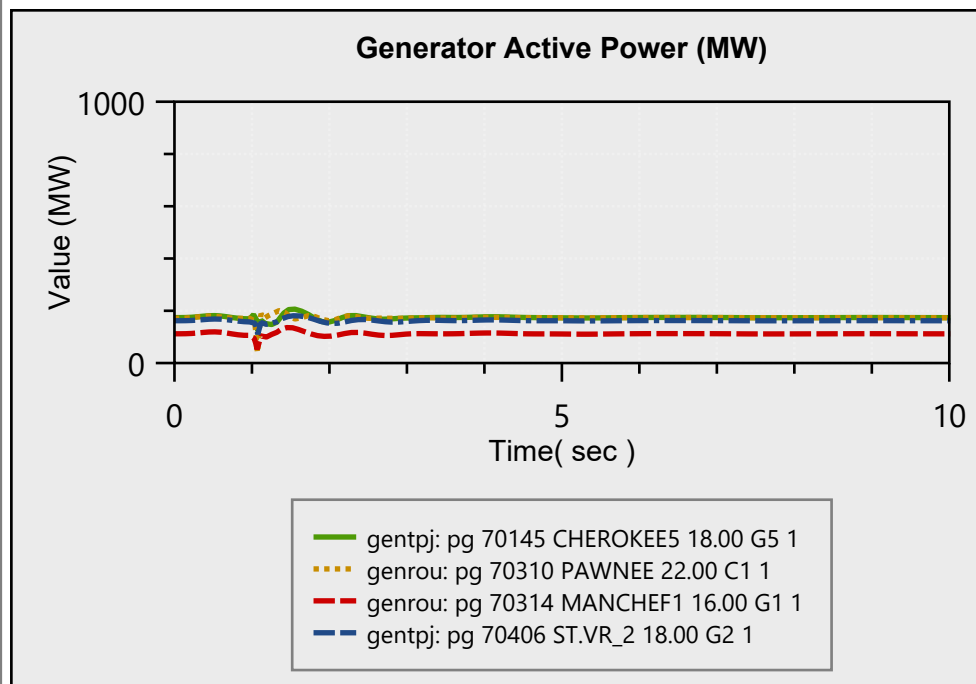
OUTPUTS



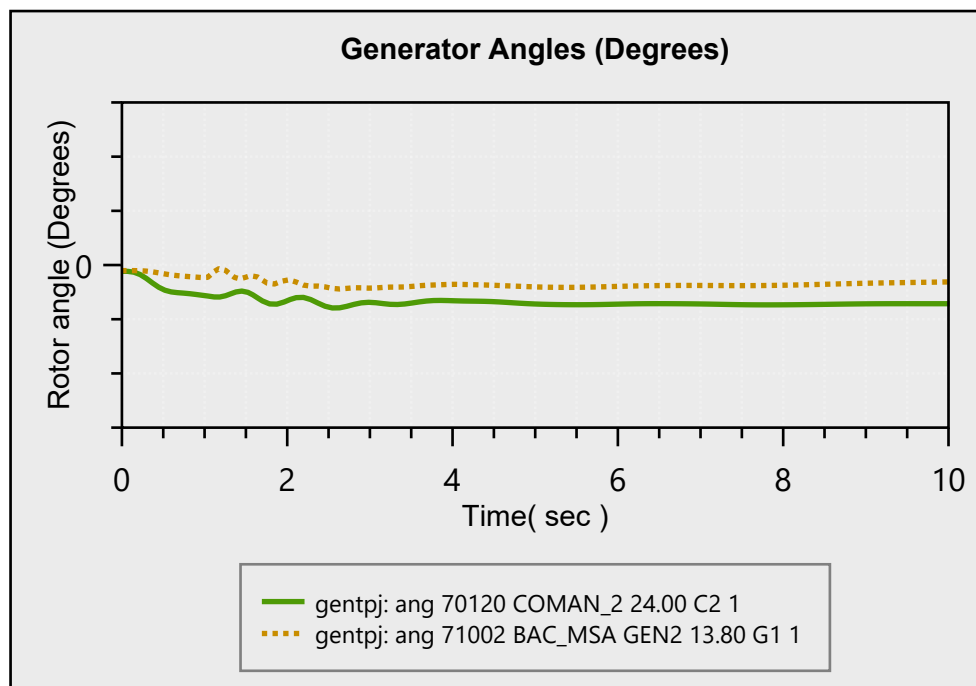
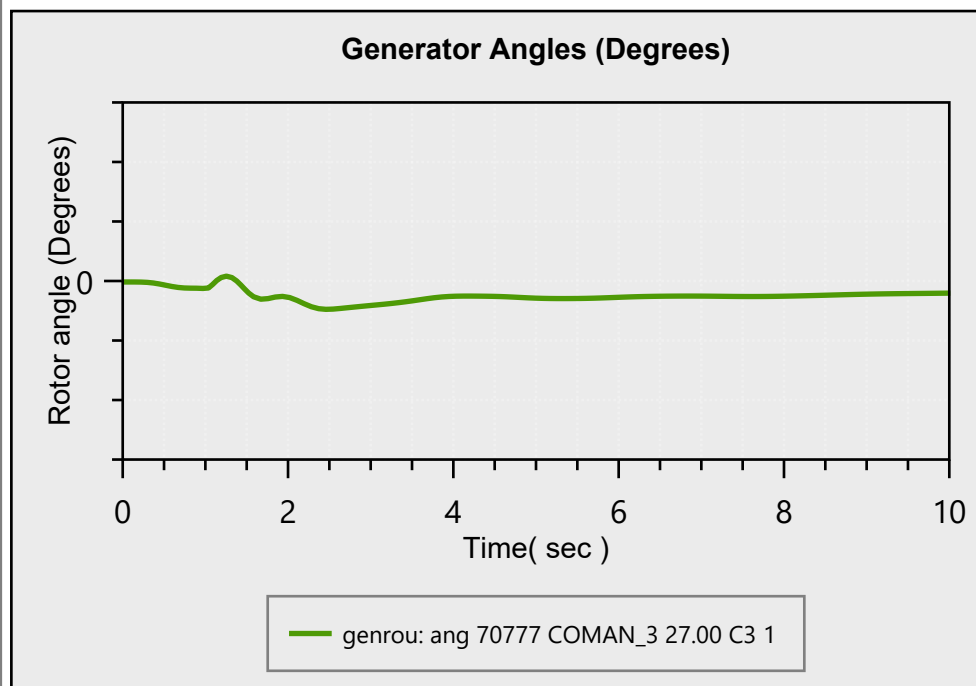
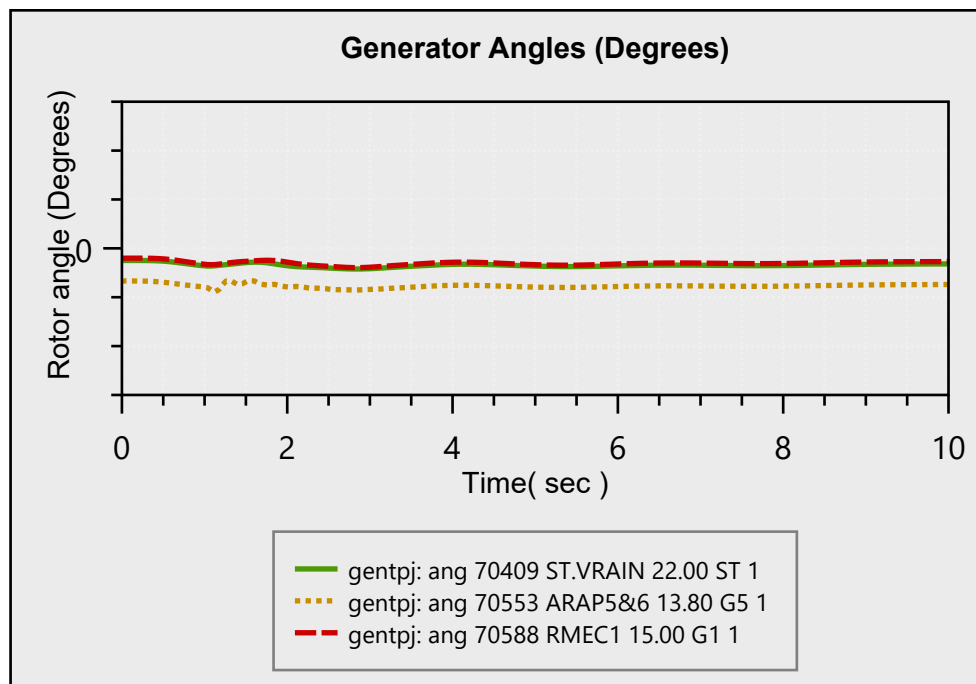
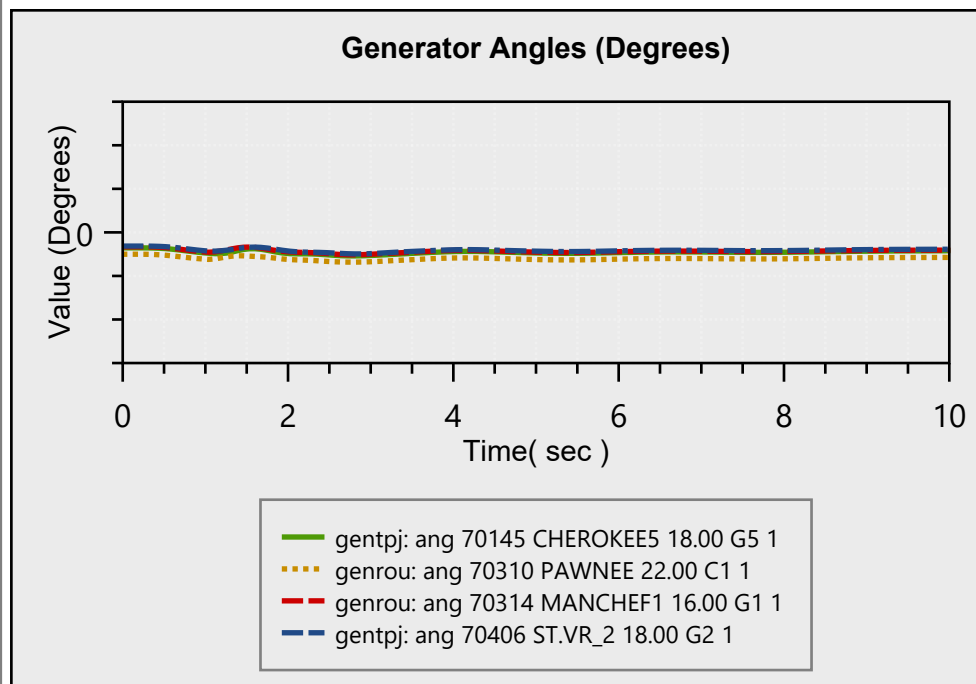
OUTPUTS



OUTPUTS

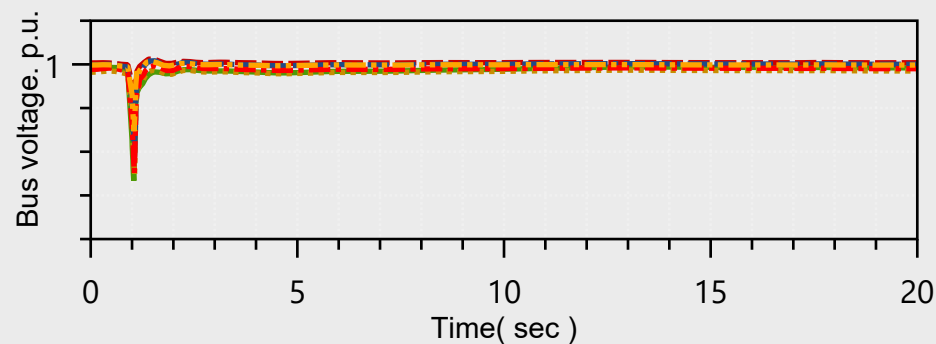


OUTPUTS



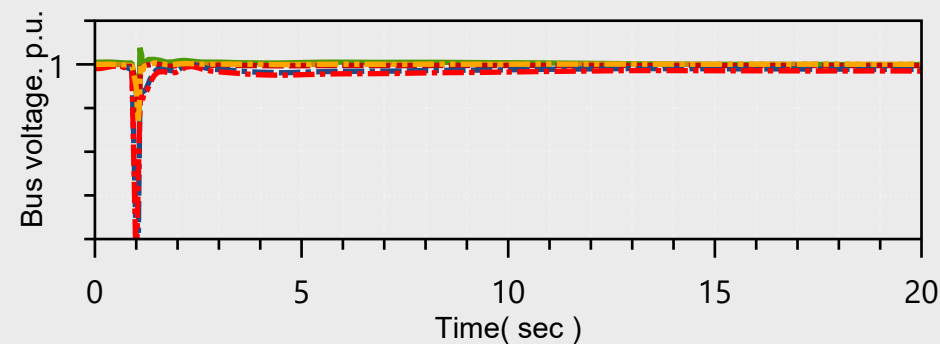
OUTPUTS

Voltage (pu)



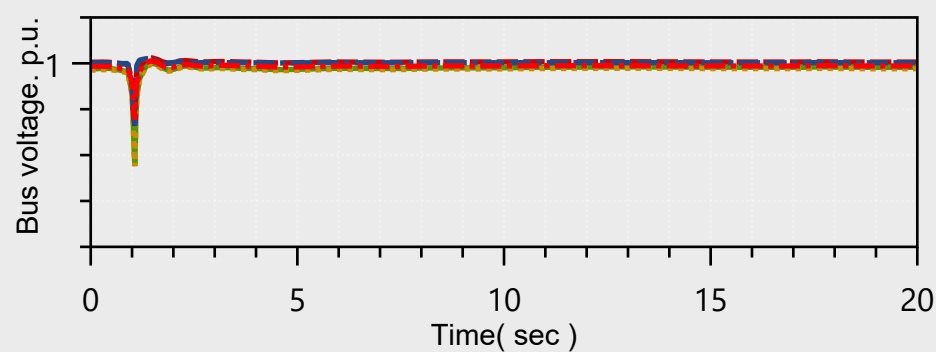
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 vmeta: vbus 70466 WATERTON 345.00 1 1
 vmeta: vbus 70598 PAWNEE 345.00 1 1
 vmeta: vbus 70599 SMOKY_HL 345.00 1 1
 vmeta: vbus 70601 DANIEL_PK 345.00 1 1
 vmeta: vbus 70624 MISS_SITE 345.00 1 1

Voltage (pu)



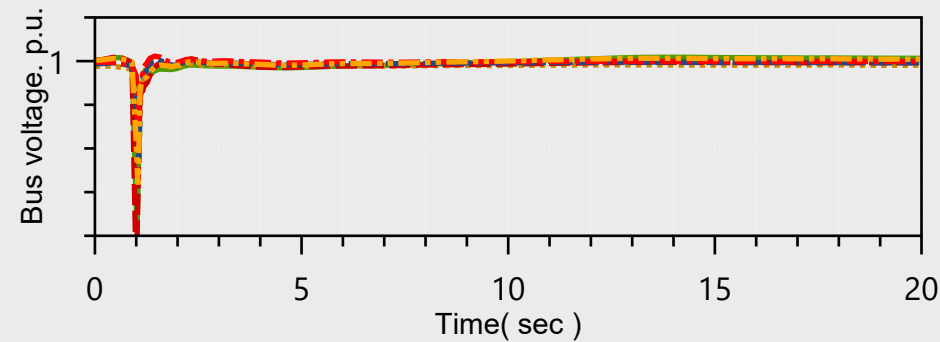
vmeta: vbus 70627 LIMON3 345.00 1 1
 vmeta: vbus 70628 PRONGHORN 345.00 1 1
 vmeta: vbus 70630 SHORTGRASS 345.00 1 1
 vmeta: vbus 70653 TUNDRA 345.00 1 1
 vmeta: vbus 70654 COMANCHE 345.00 1 1
 vmeta: vbus 70764 RUSHCK1_W1W2 345.00 1 1

Voltage (pu)



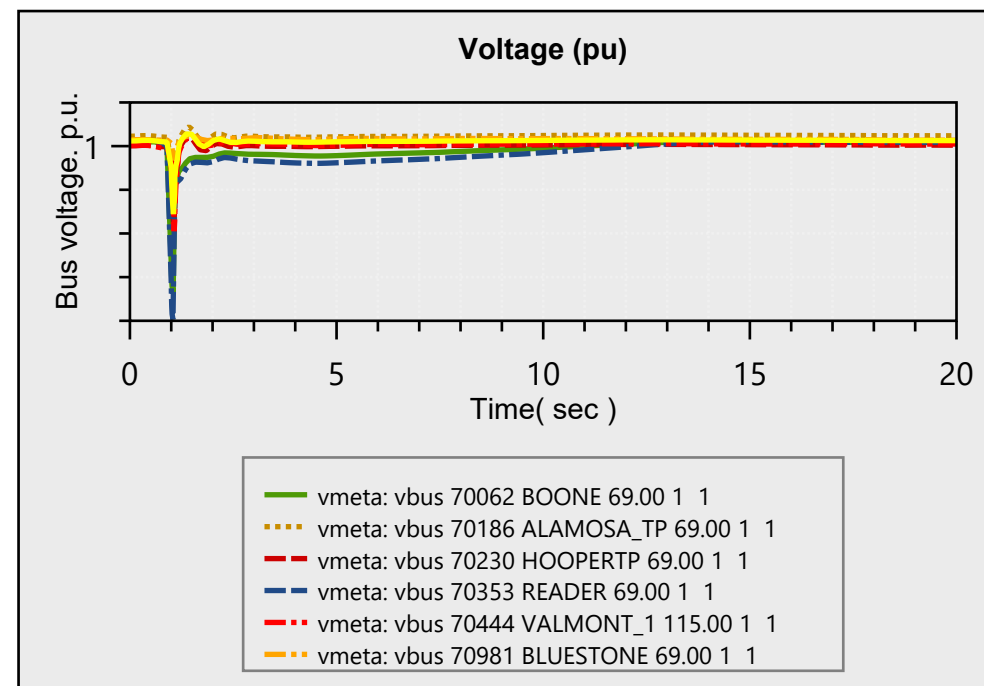
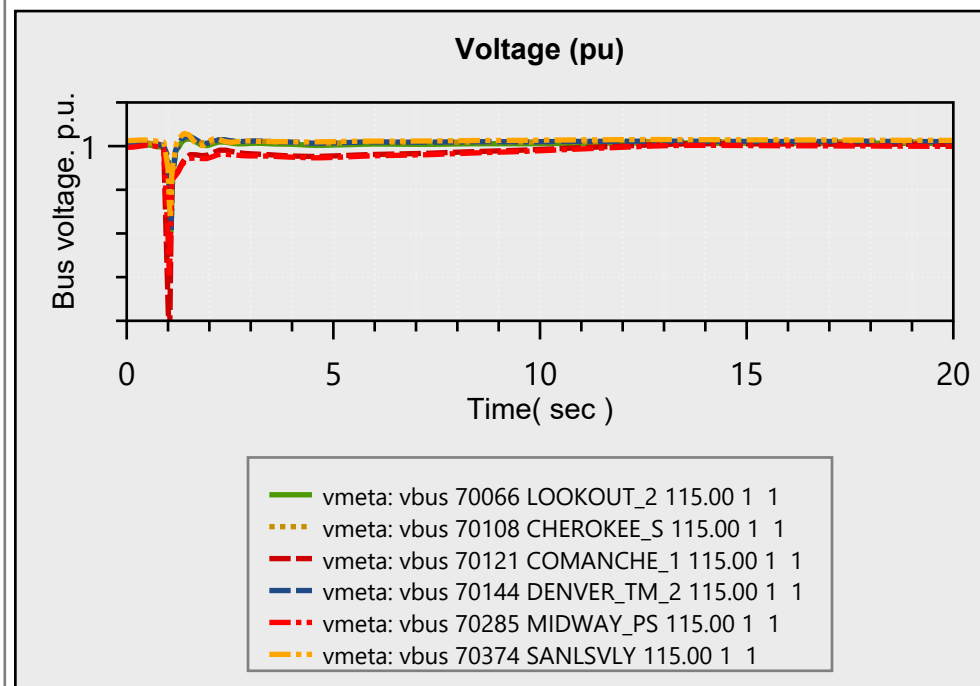
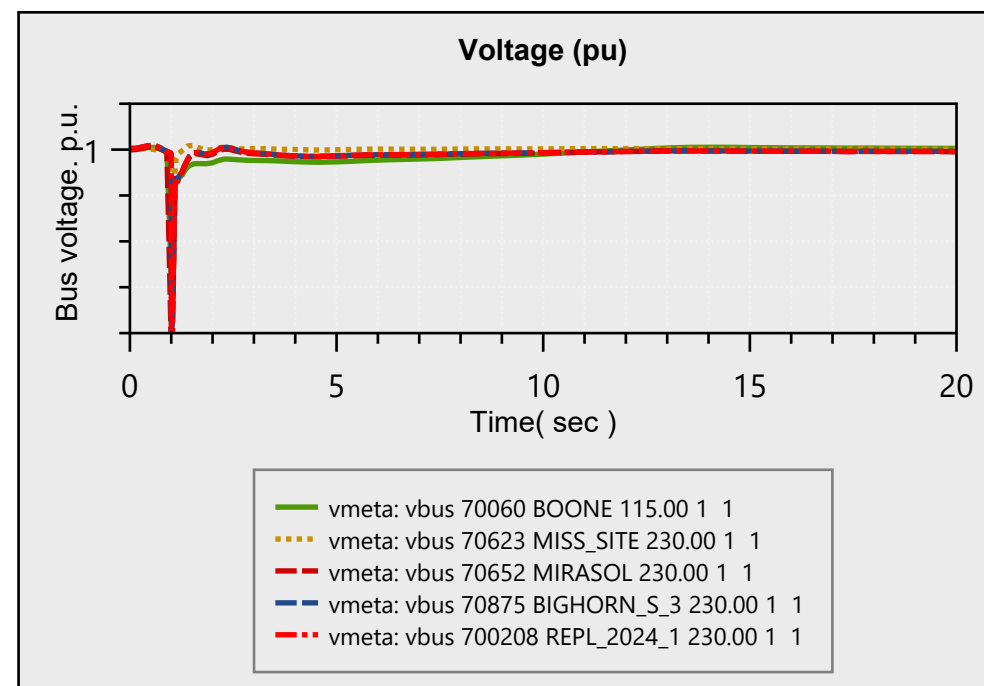
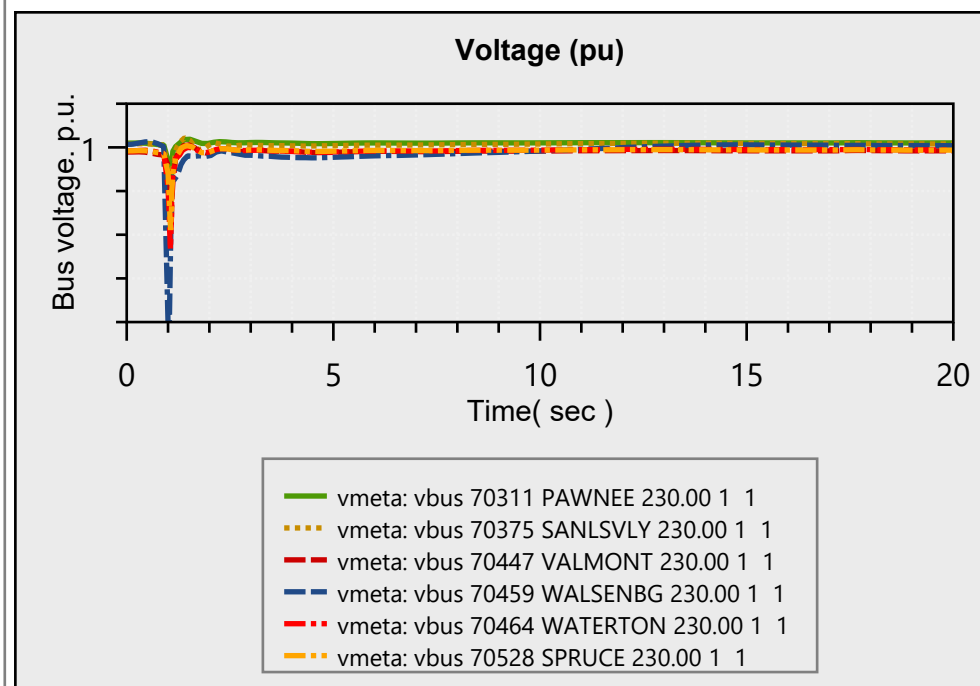
vmeta: vbus 70018 SODA_LAKES 230.00 1 1
 vmeta: vbus 70038 ARAPAHOE 230.00 1 1
 vmeta: vbus 70915 CANAL_XING 345.00 1 1
 vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
 vmeta: vbus 70916 FT_ST_VRAIN 345.00 1 1

Voltage (pu)

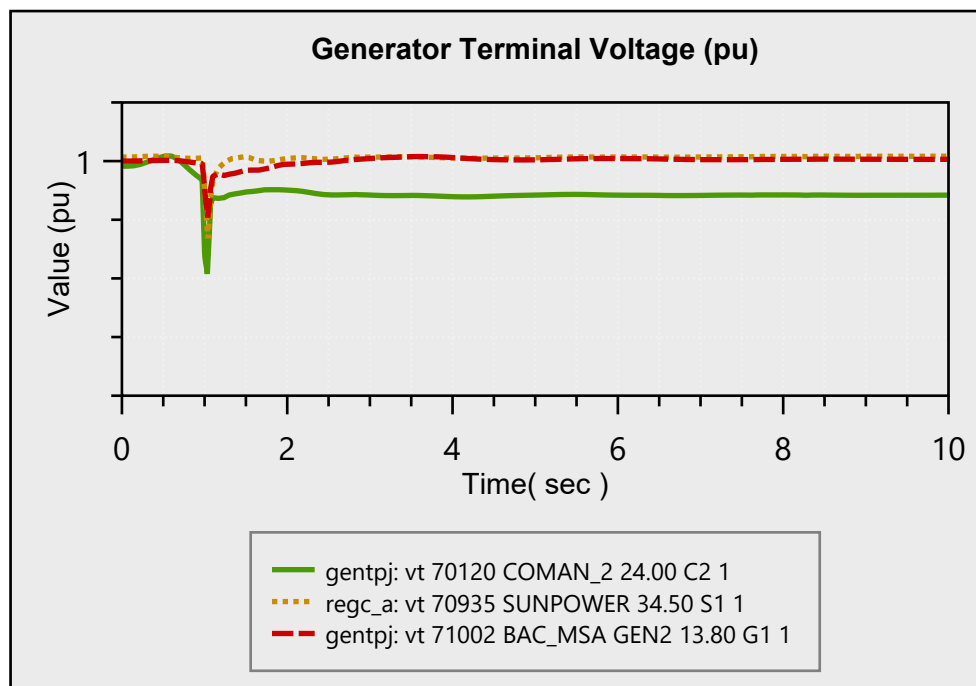
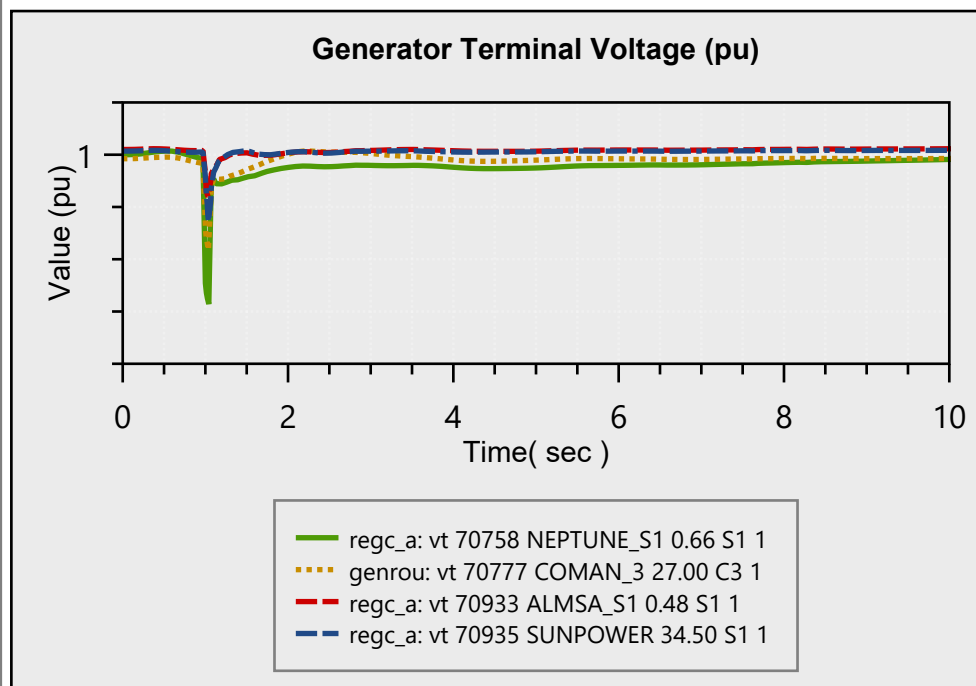
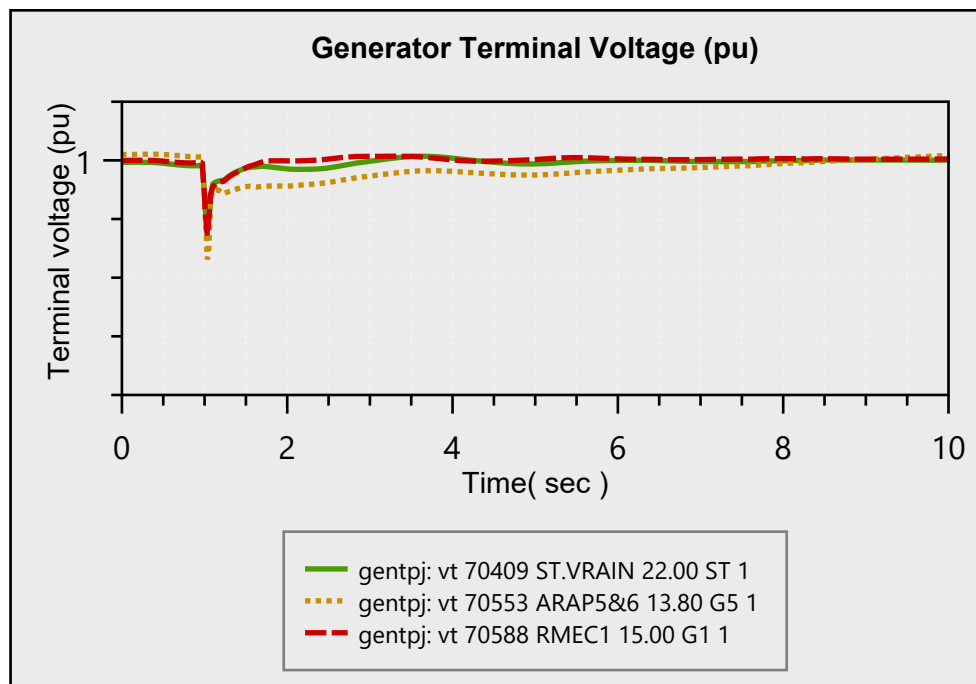
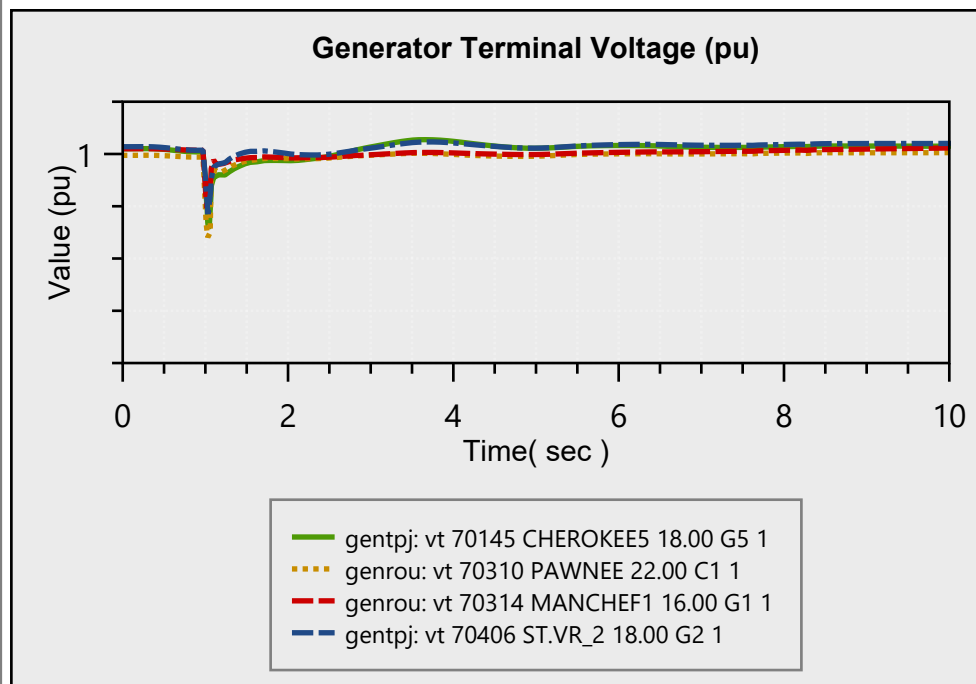


vmeta: vbus 70061 BOONE 230.00 1 1
 vmeta: vbus 70107 CHEROKEE 230.00 1 1
 vmeta: vbus 70122 COMANCHE 230.00 1 1
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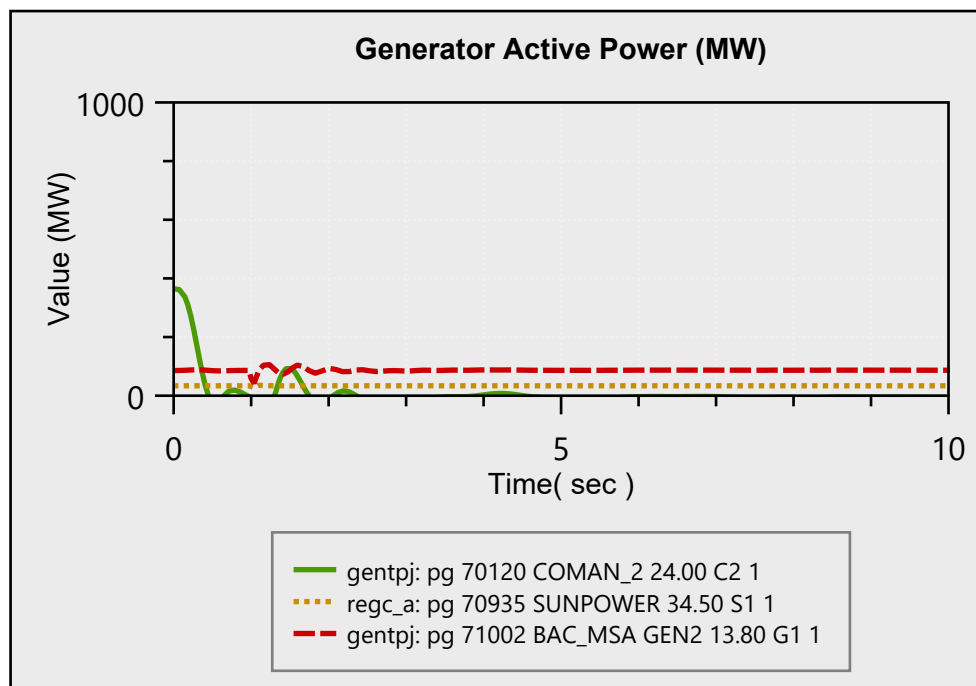
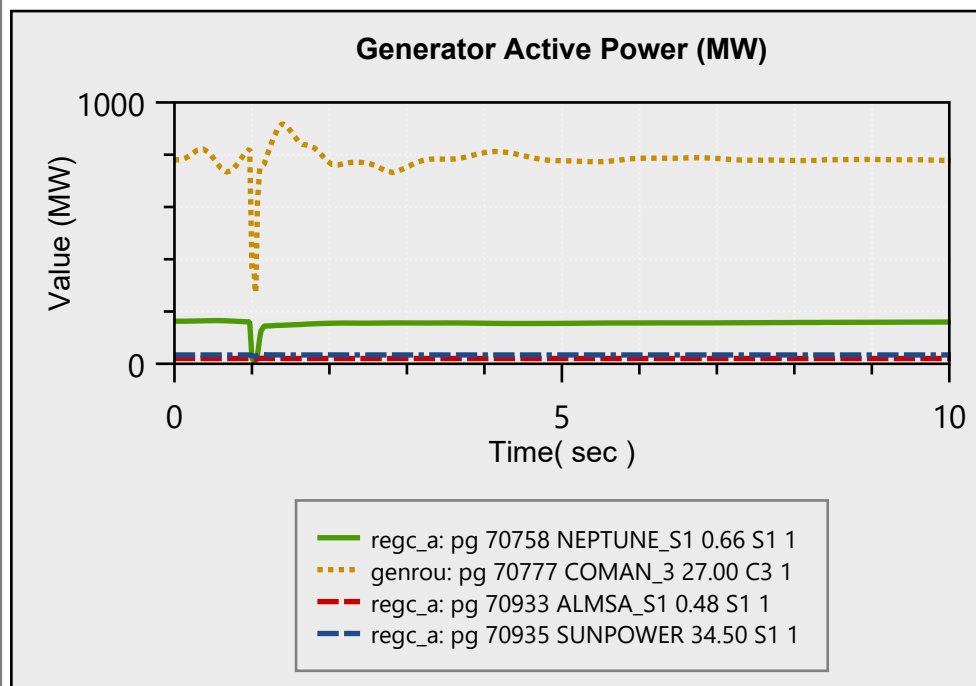
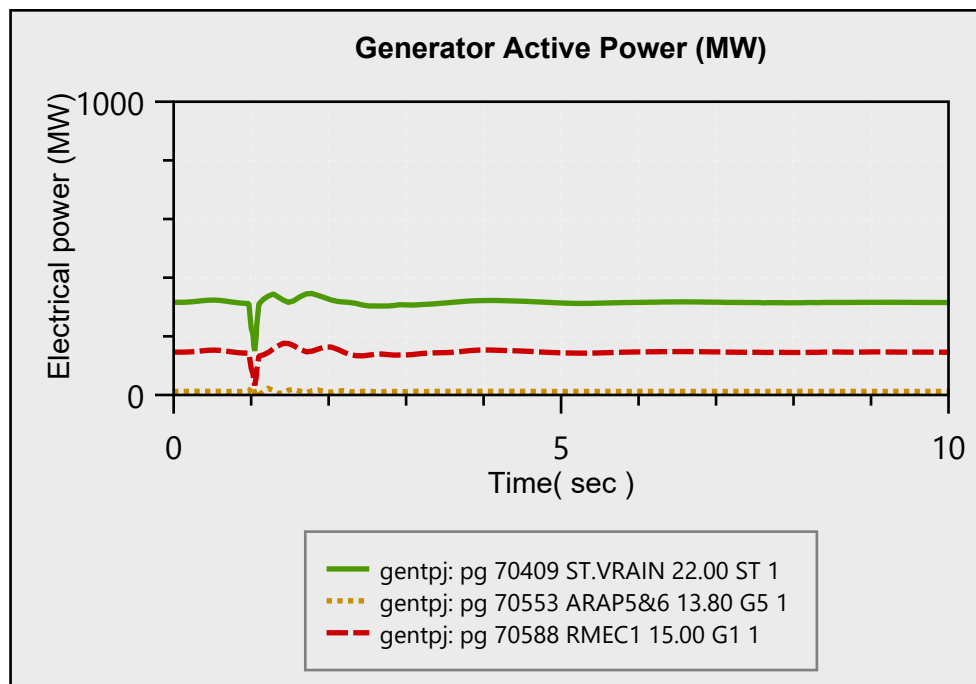
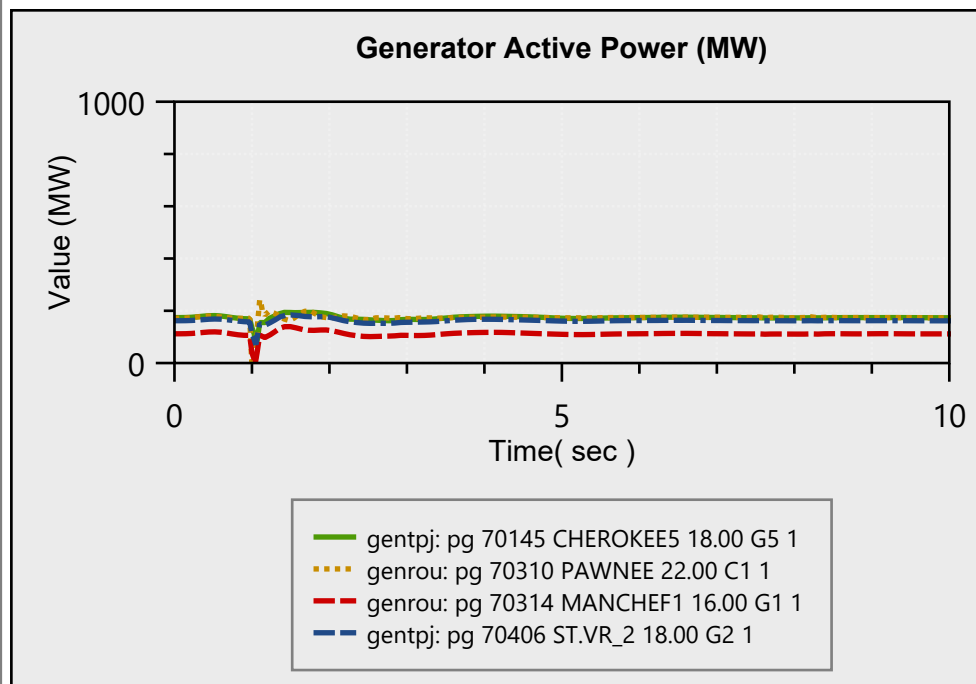
OUTPUTS



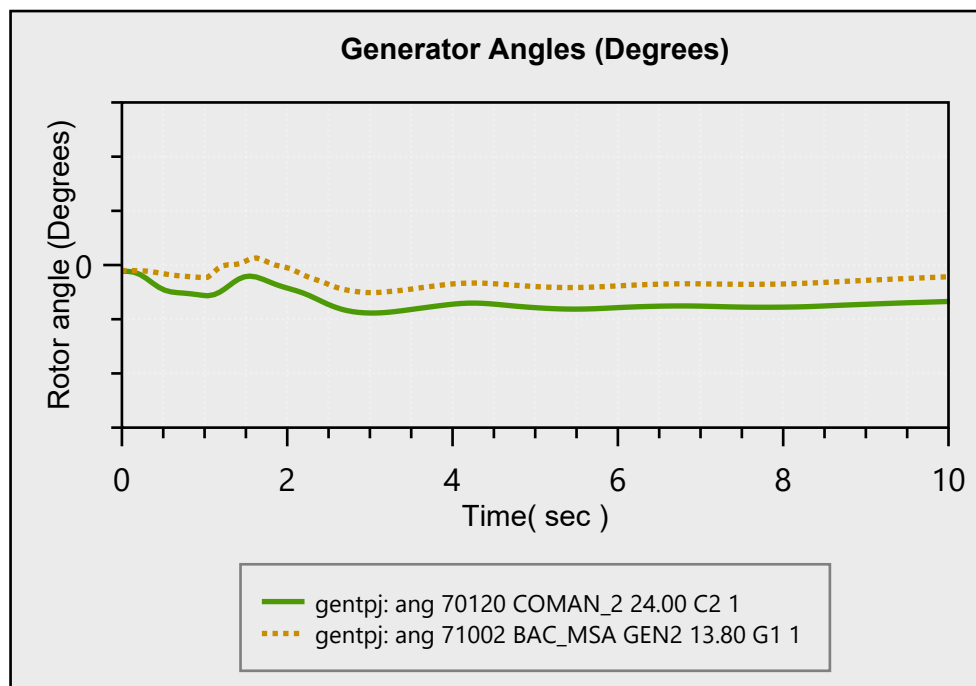
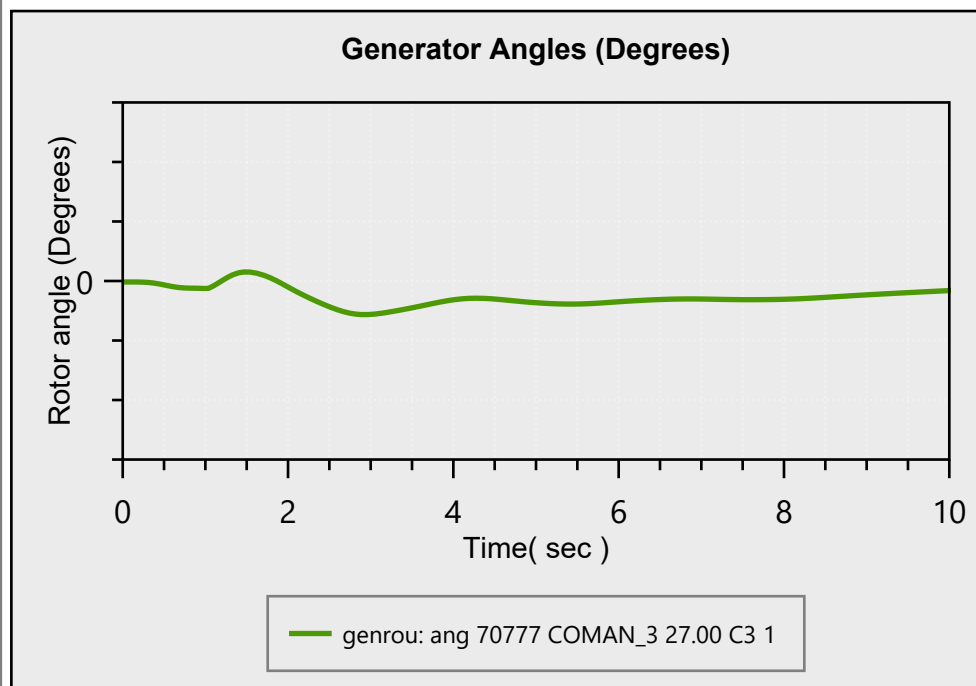
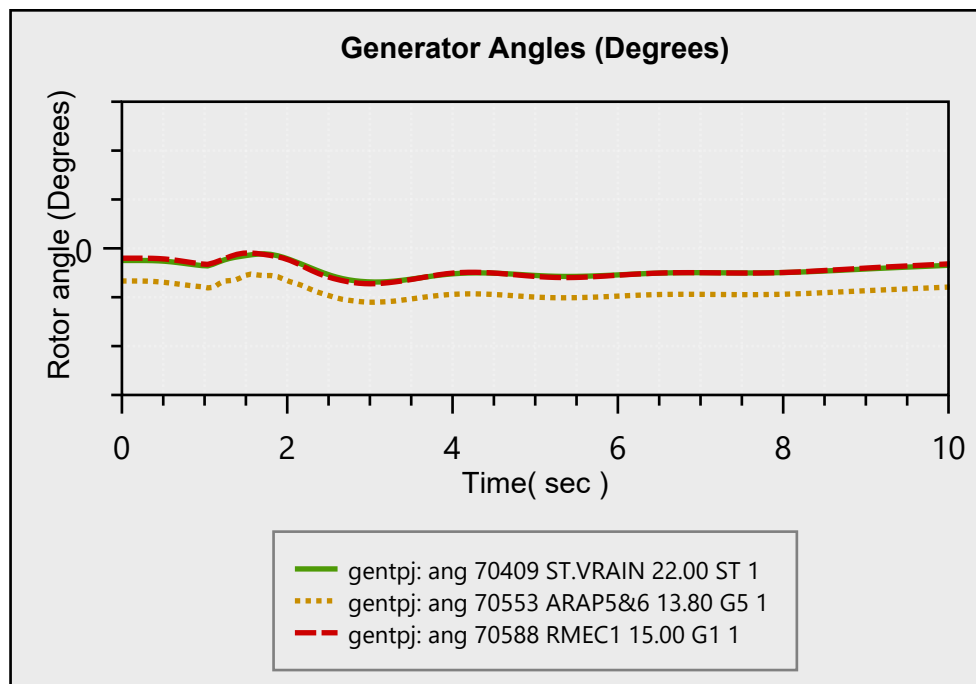
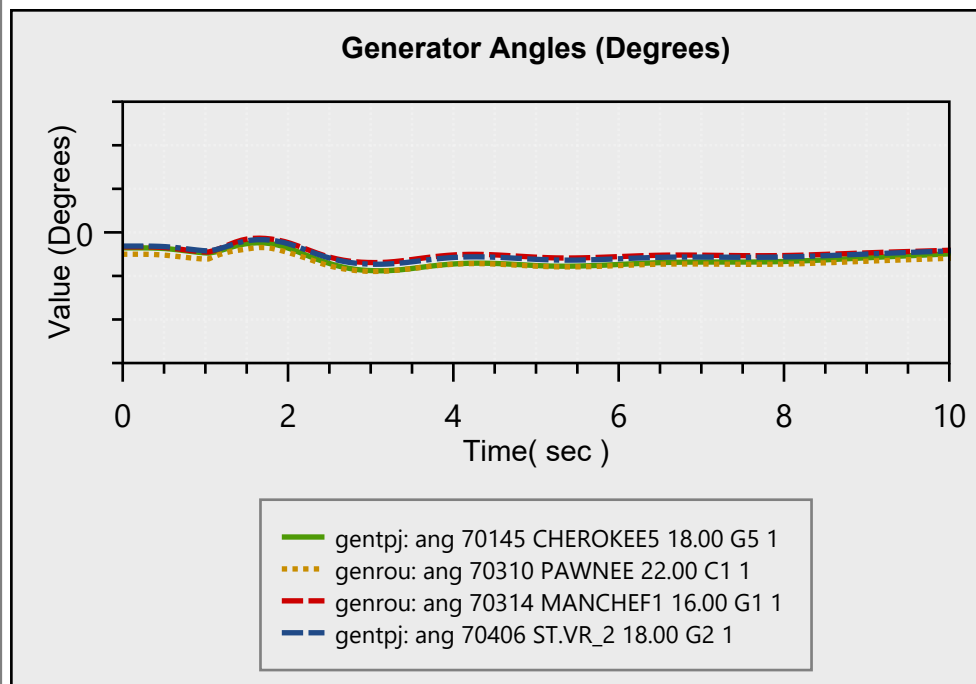
OUTPUTS



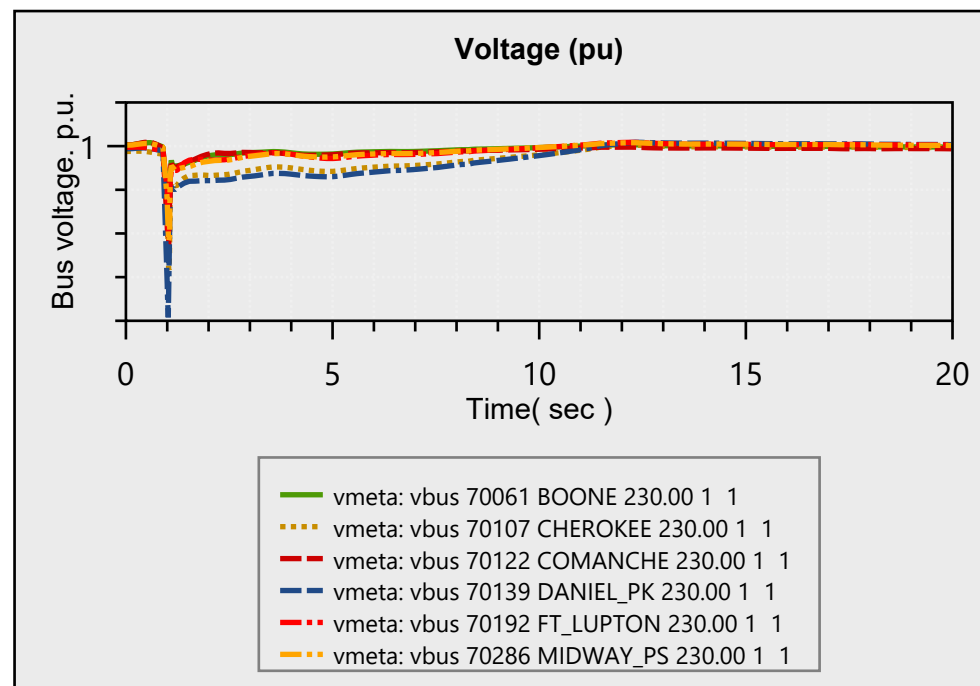
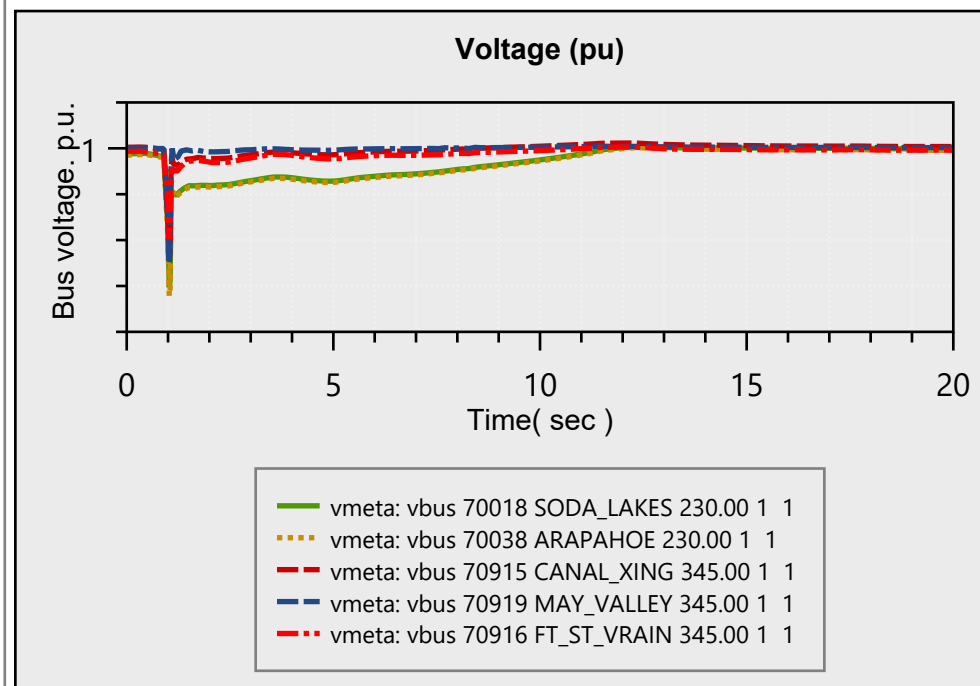
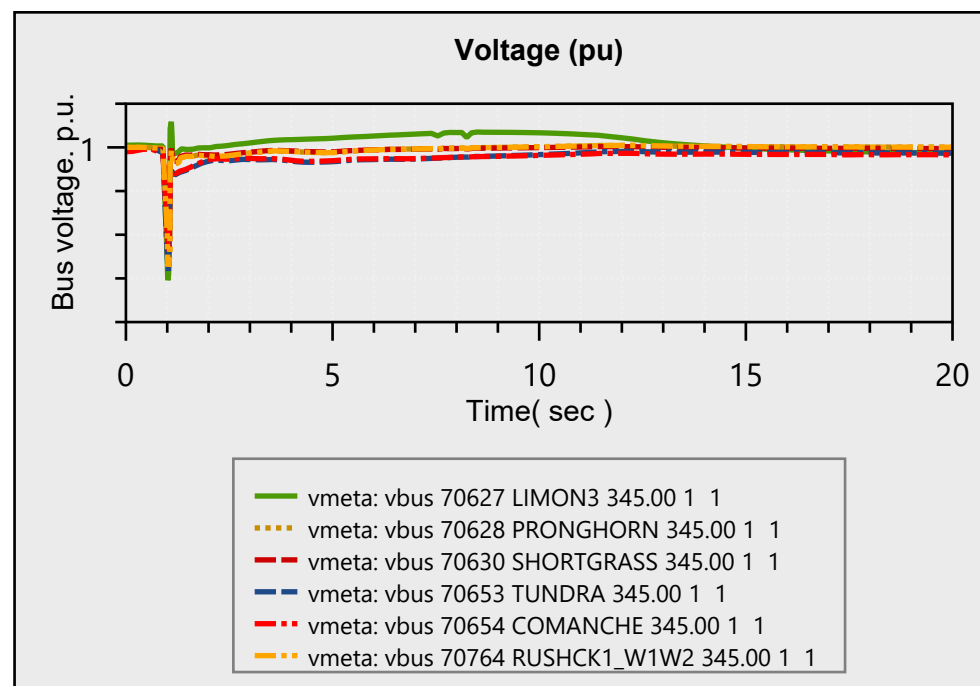
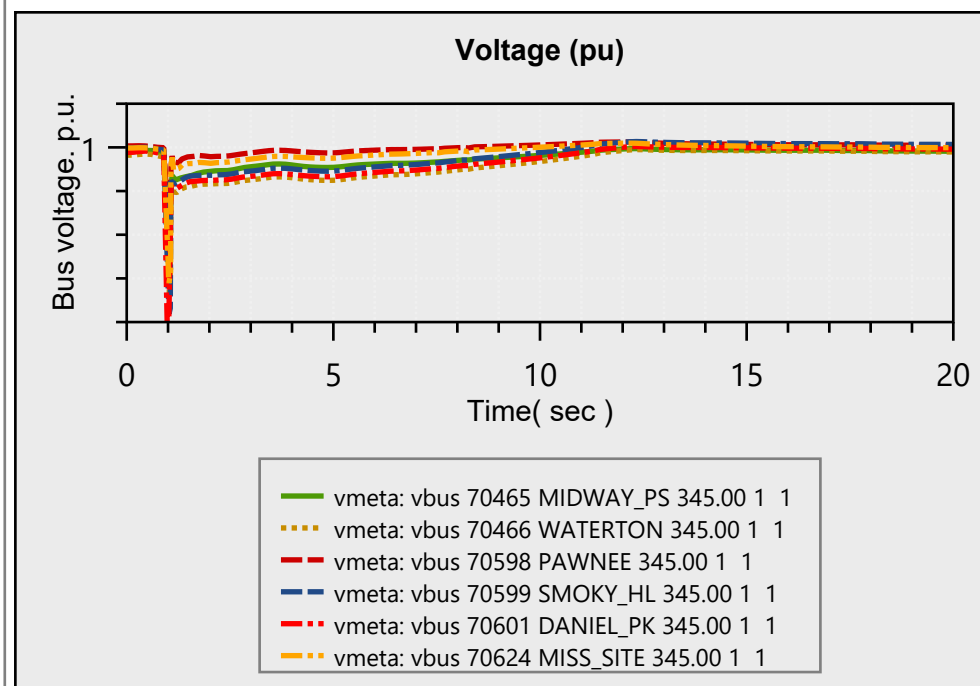
OUTPUTS



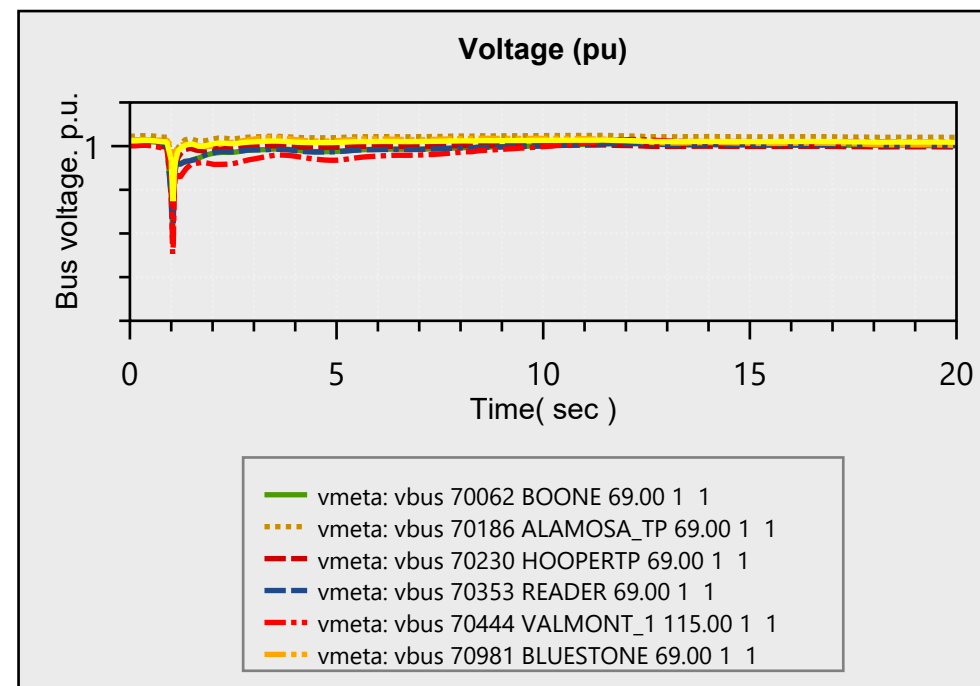
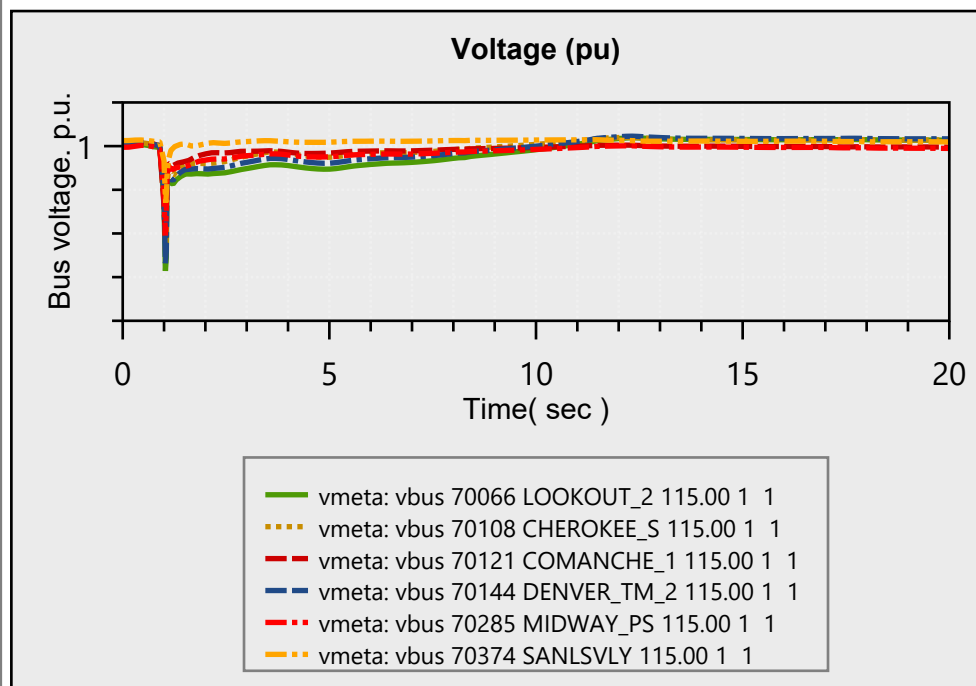
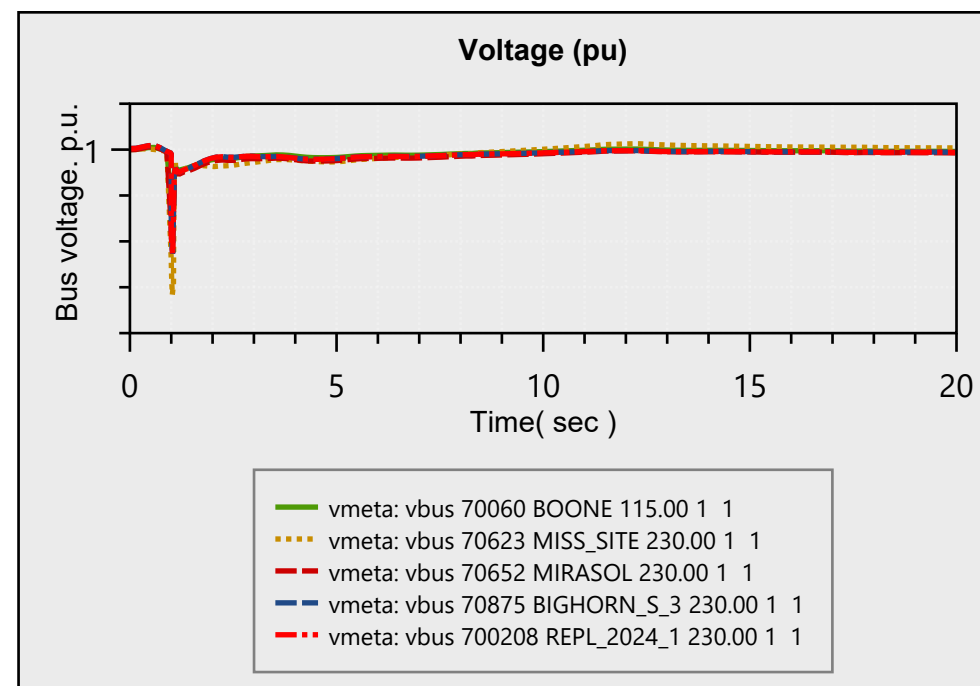
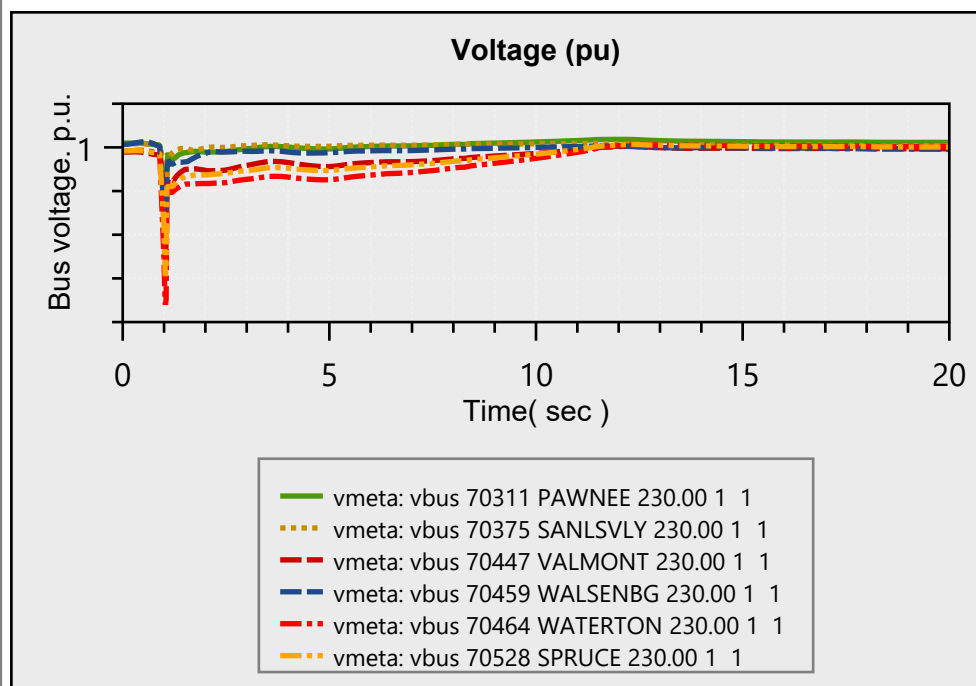
OUTPUTS



OUTPUTS

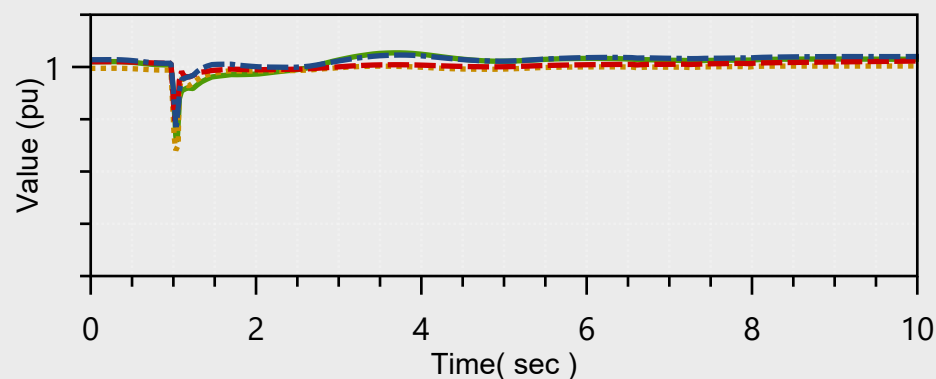


OUTPUTS

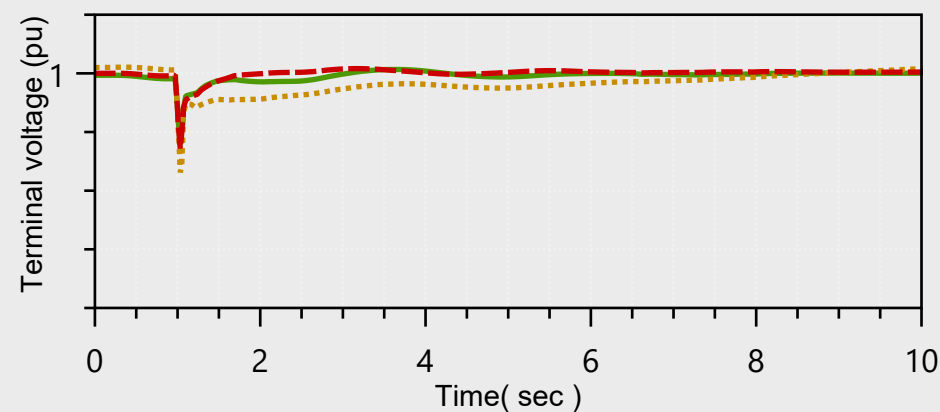


OUTPUTS

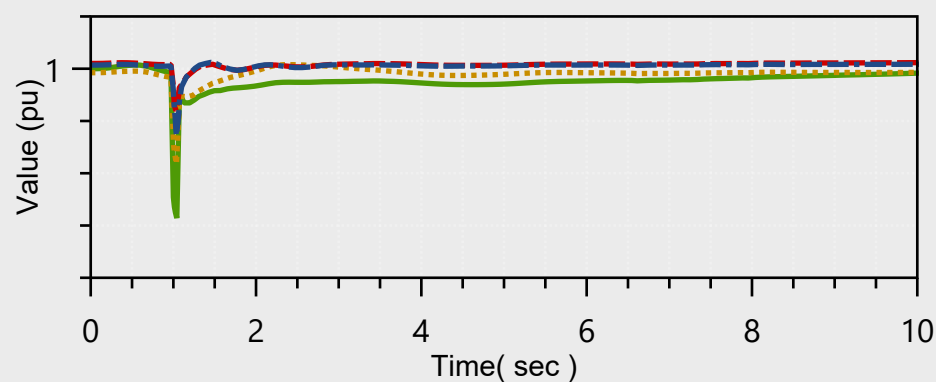
Generator Terminal Voltage (pu)



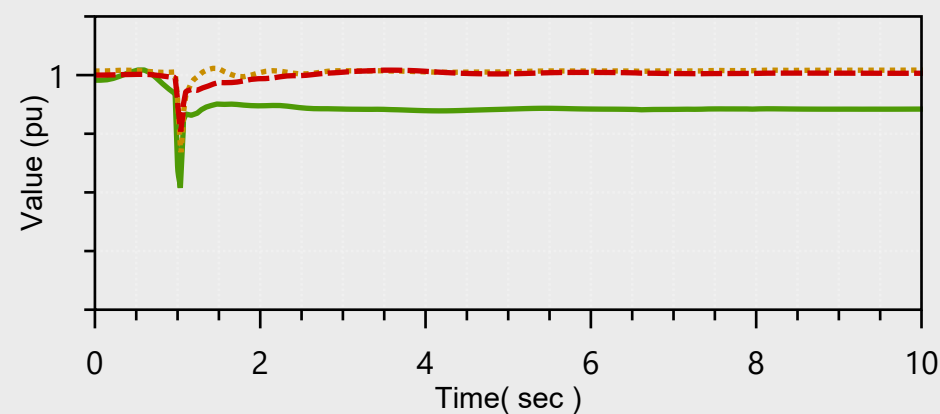
Generator Terminal Voltage (pu)



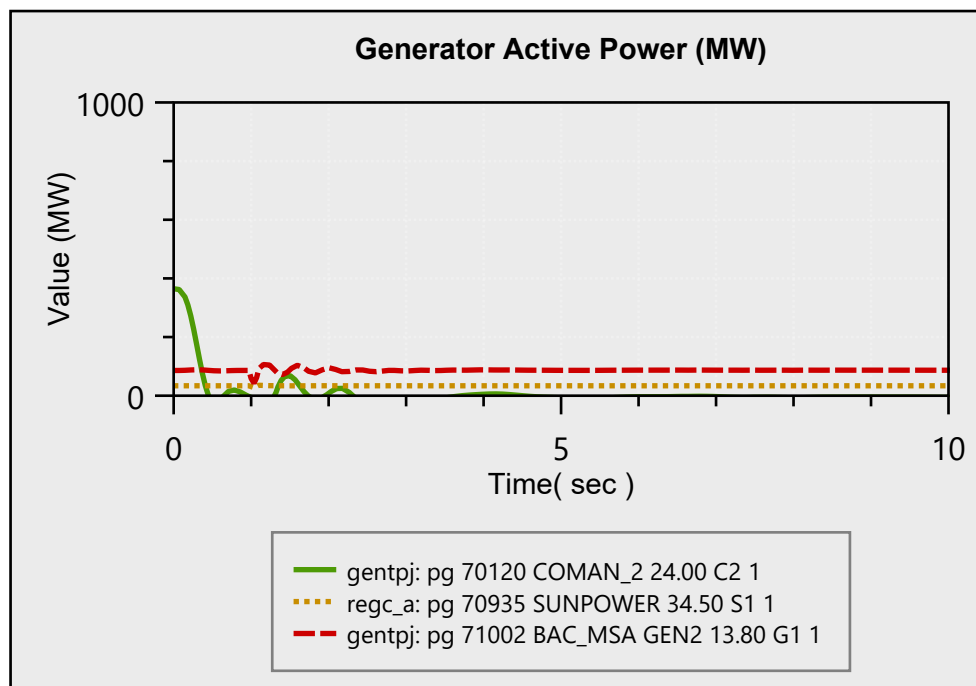
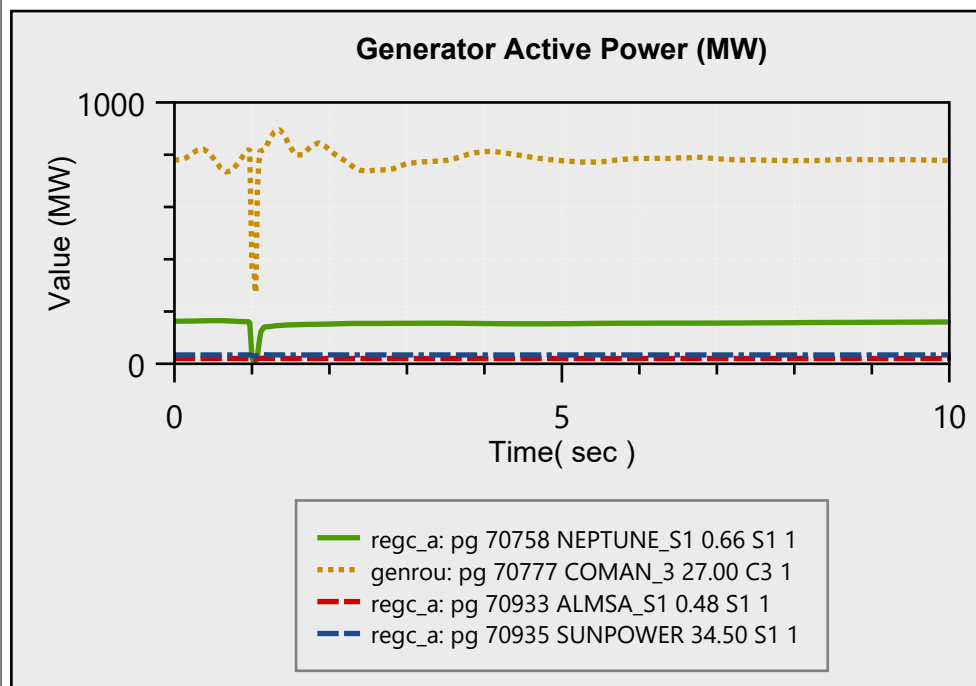
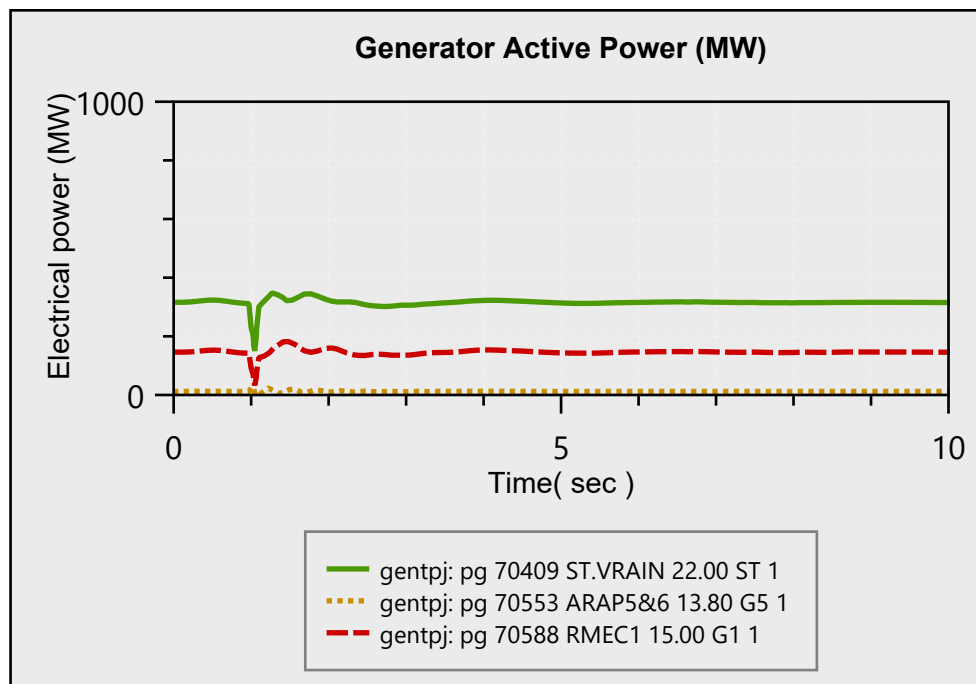
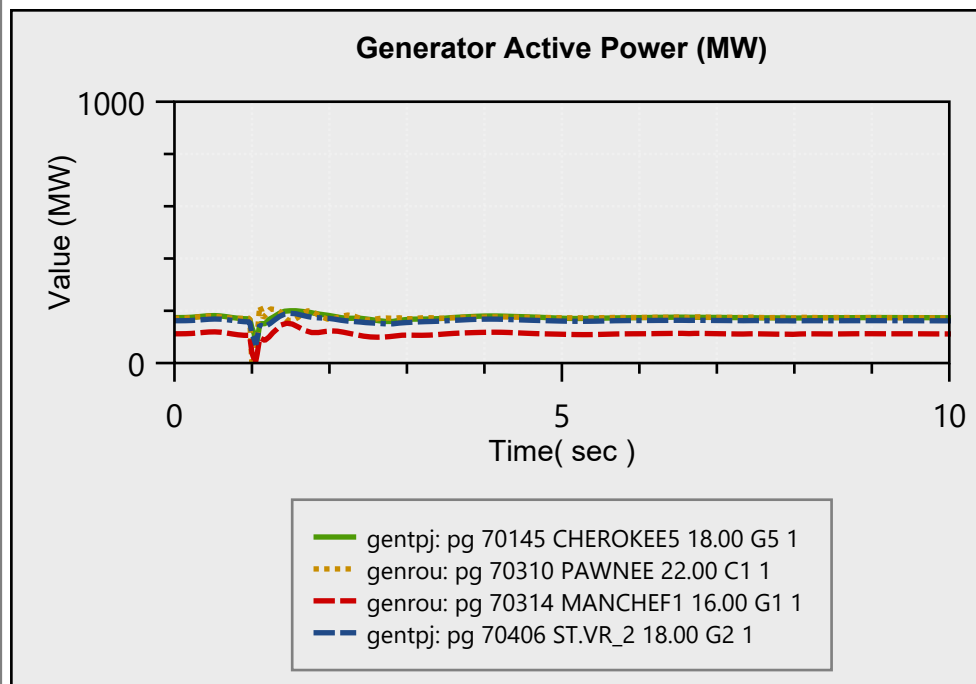
Generator Terminal Voltage (pu)



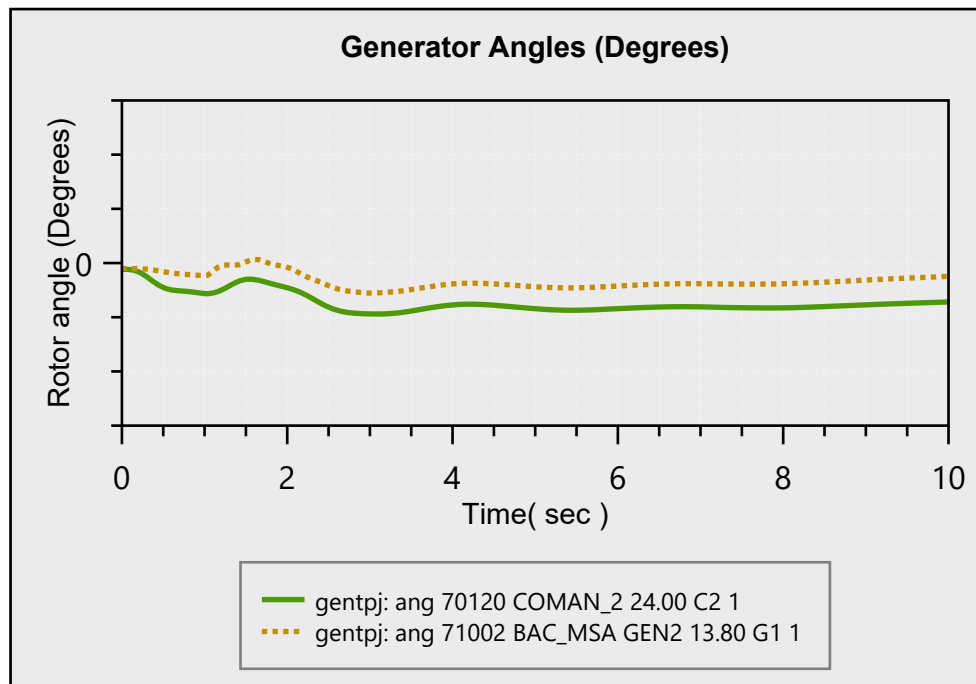
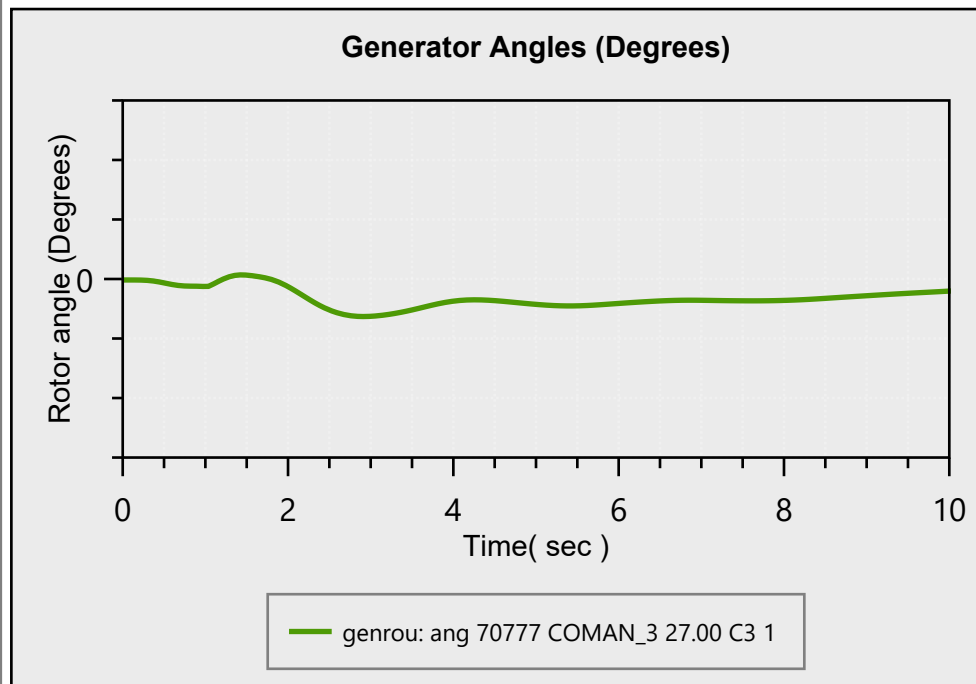
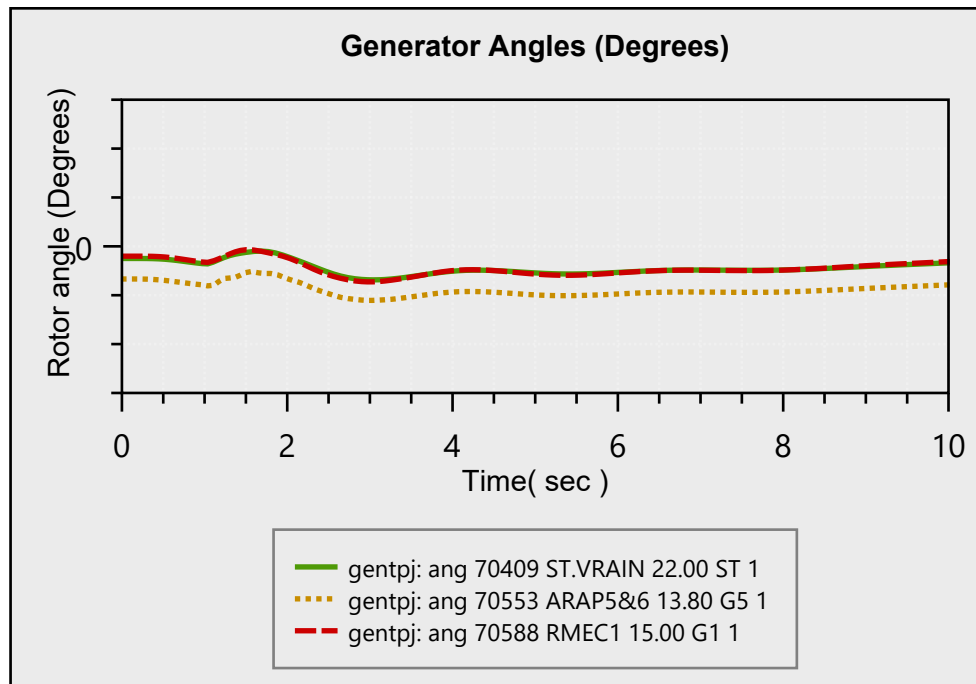
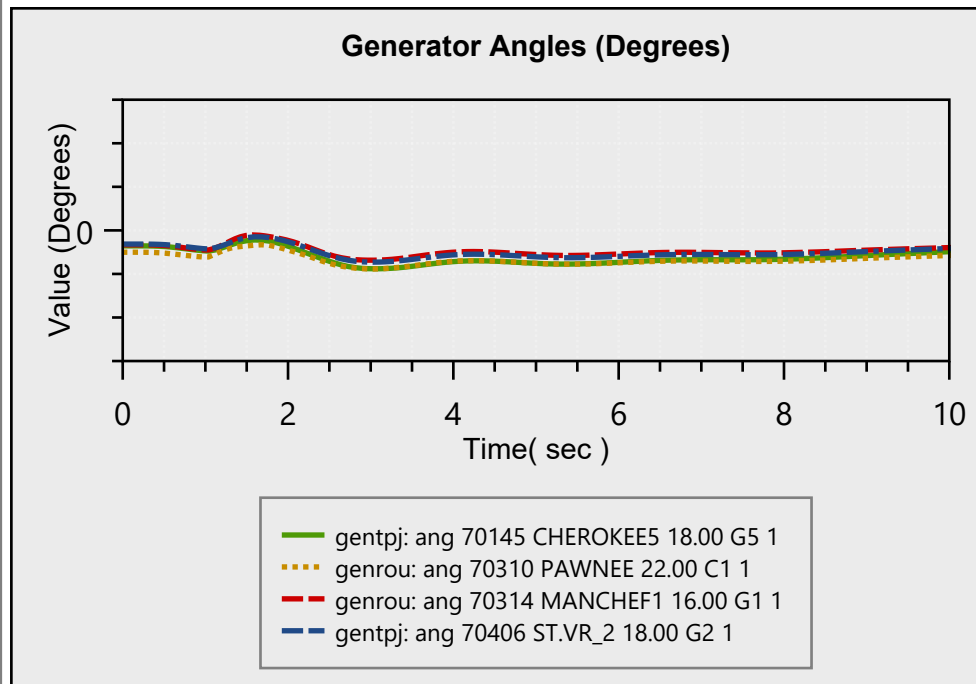
Generator Terminal Voltage (pu)



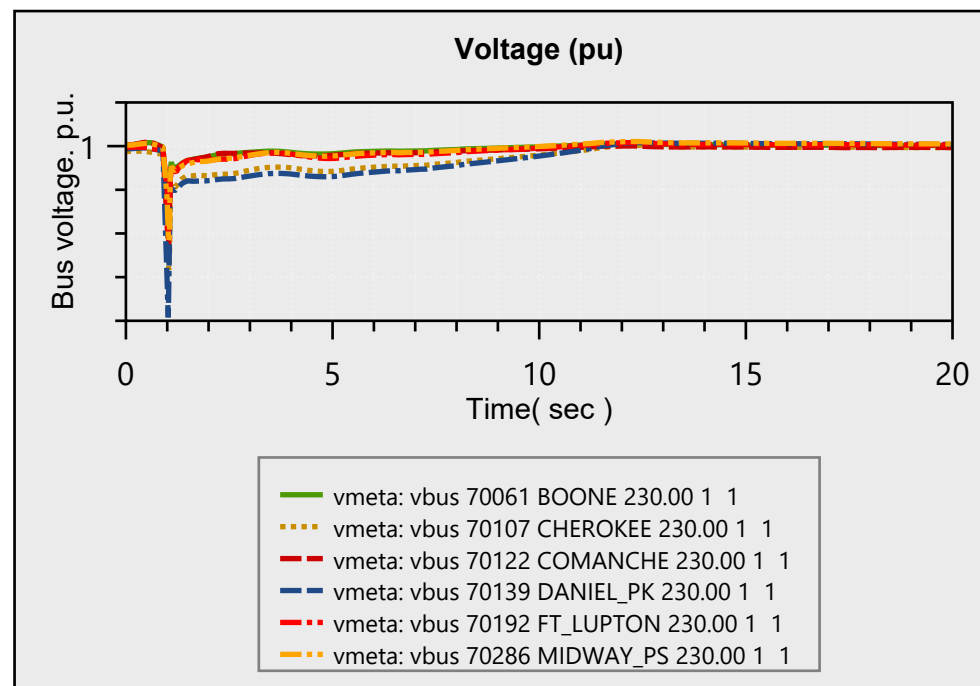
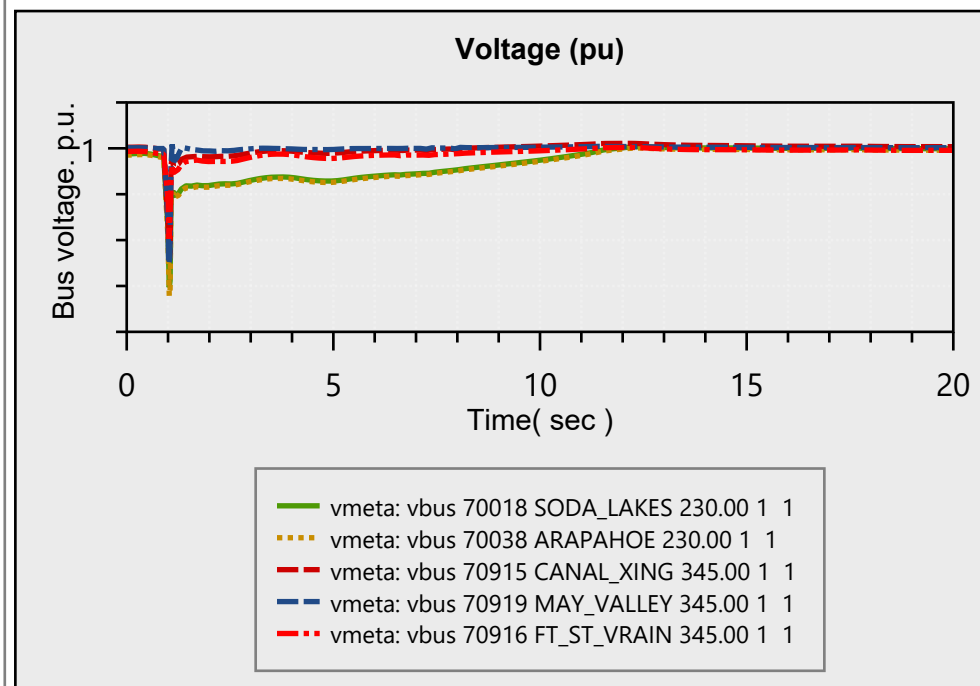
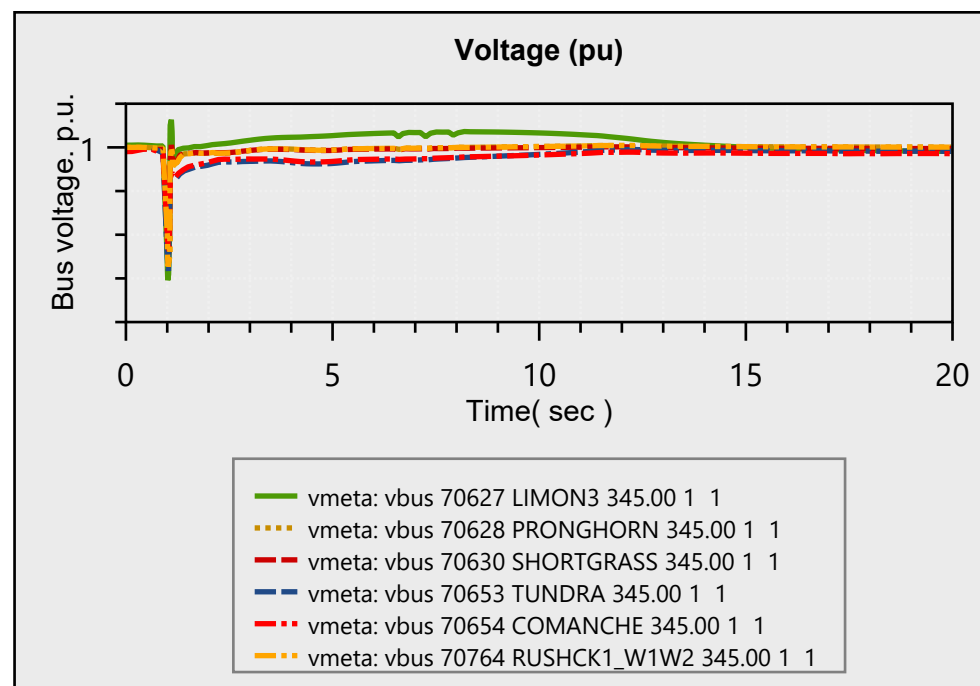
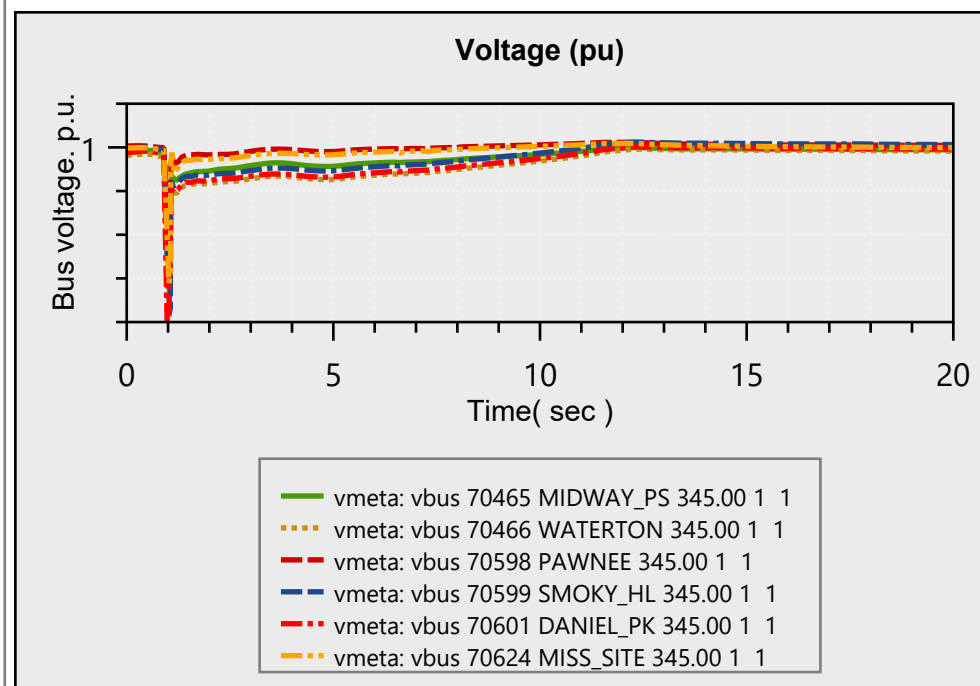
OUTPUTS



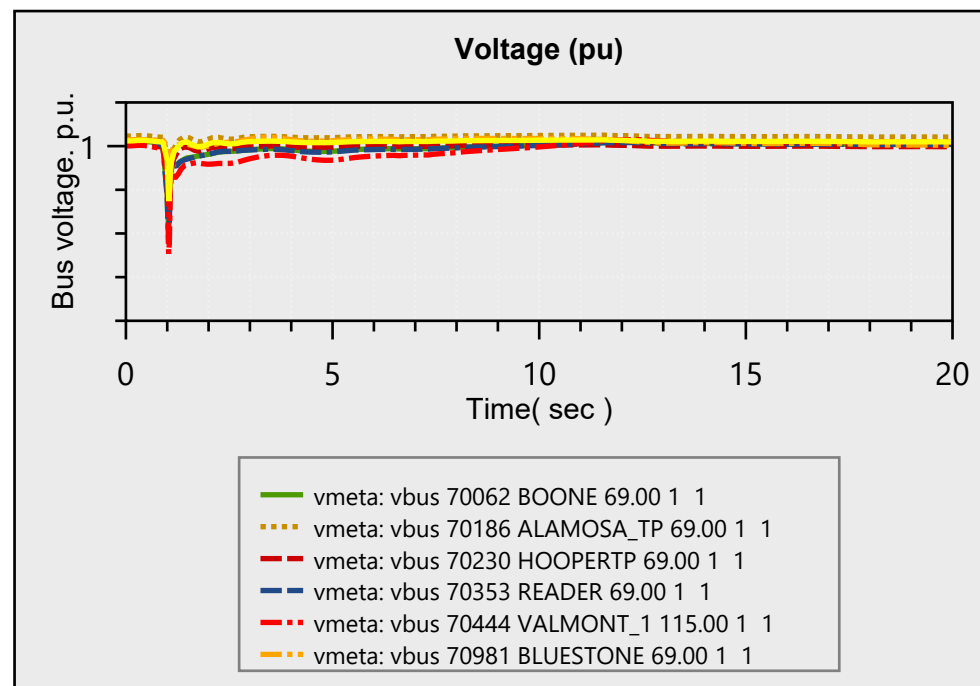
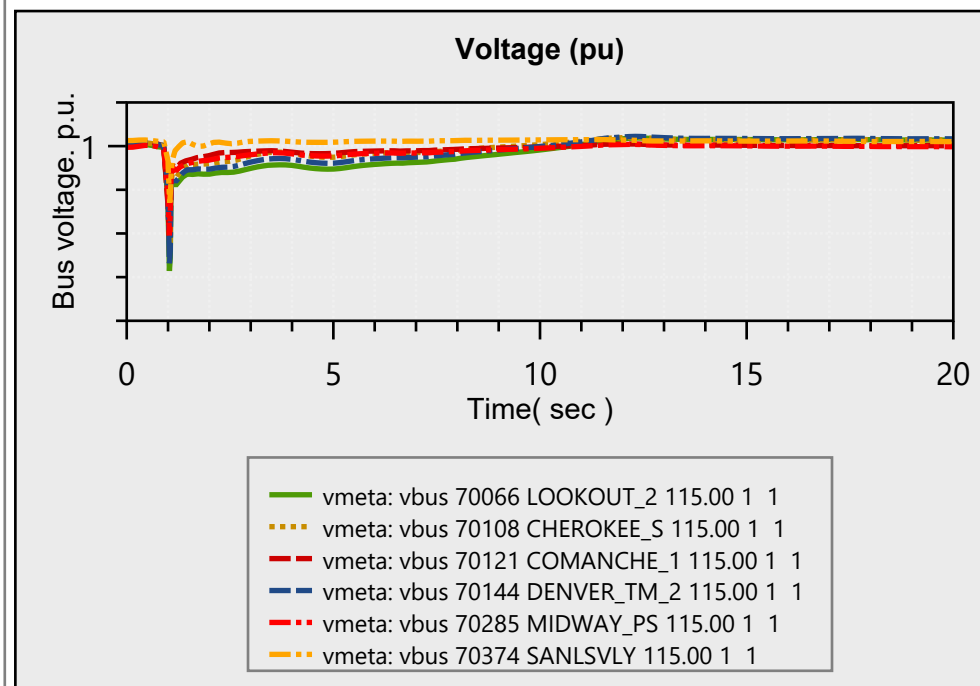
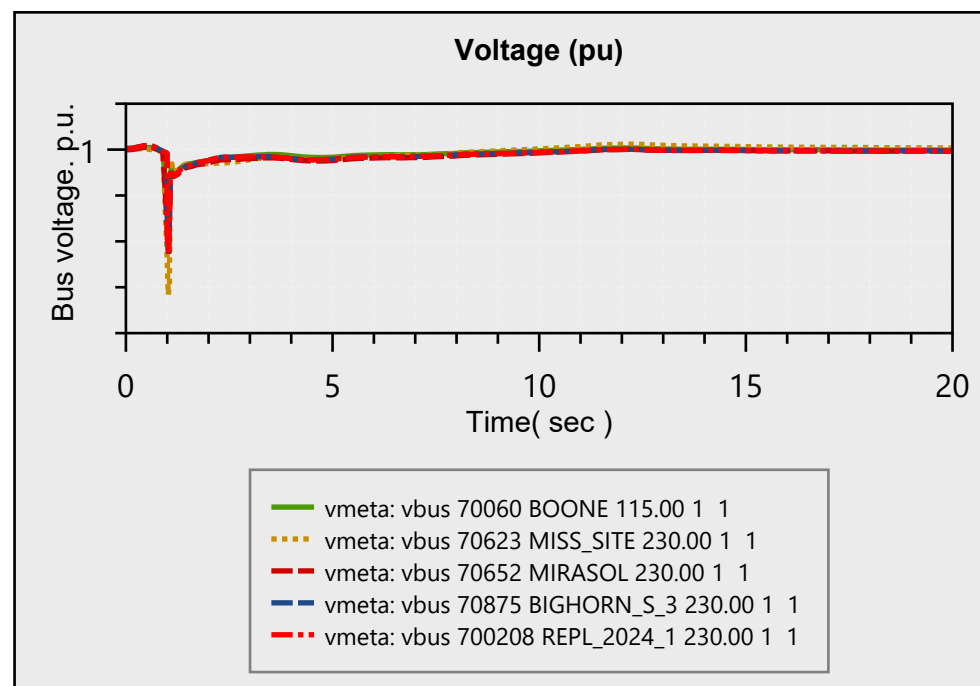
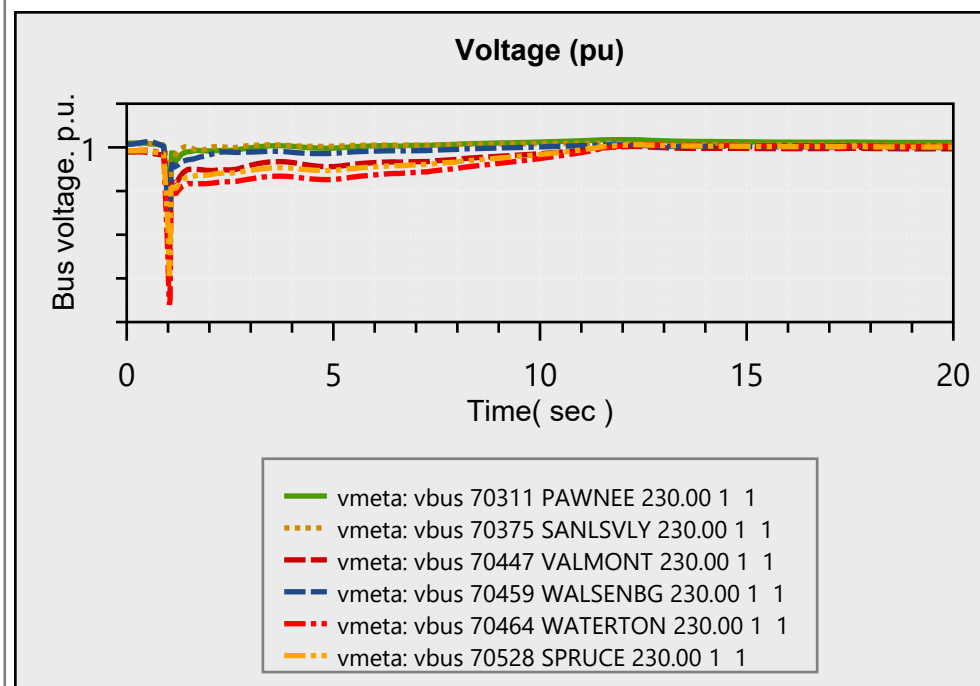
OUTPUTS



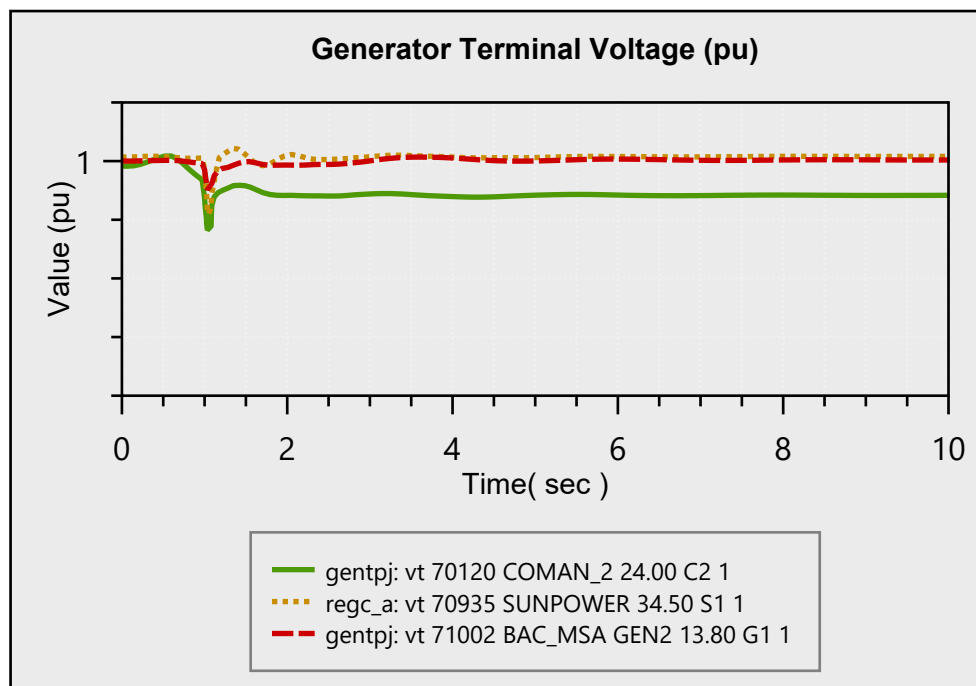
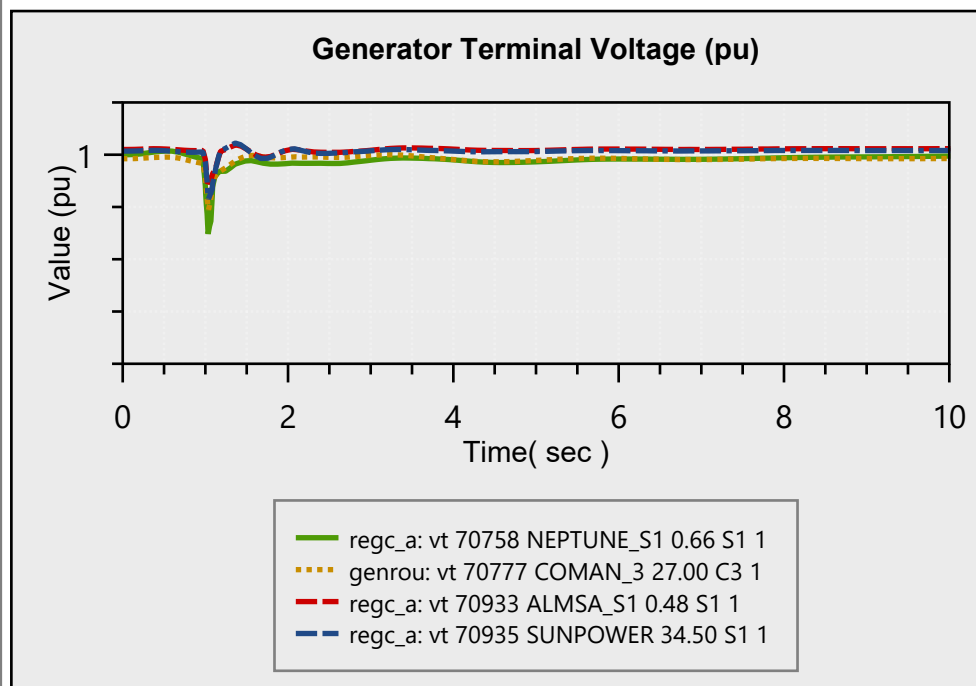
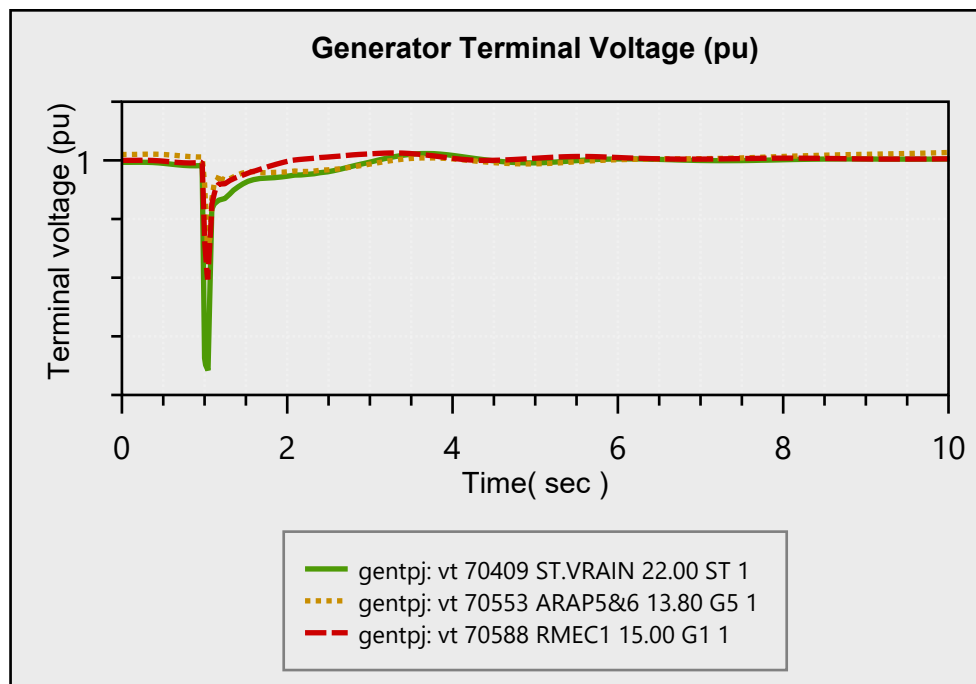
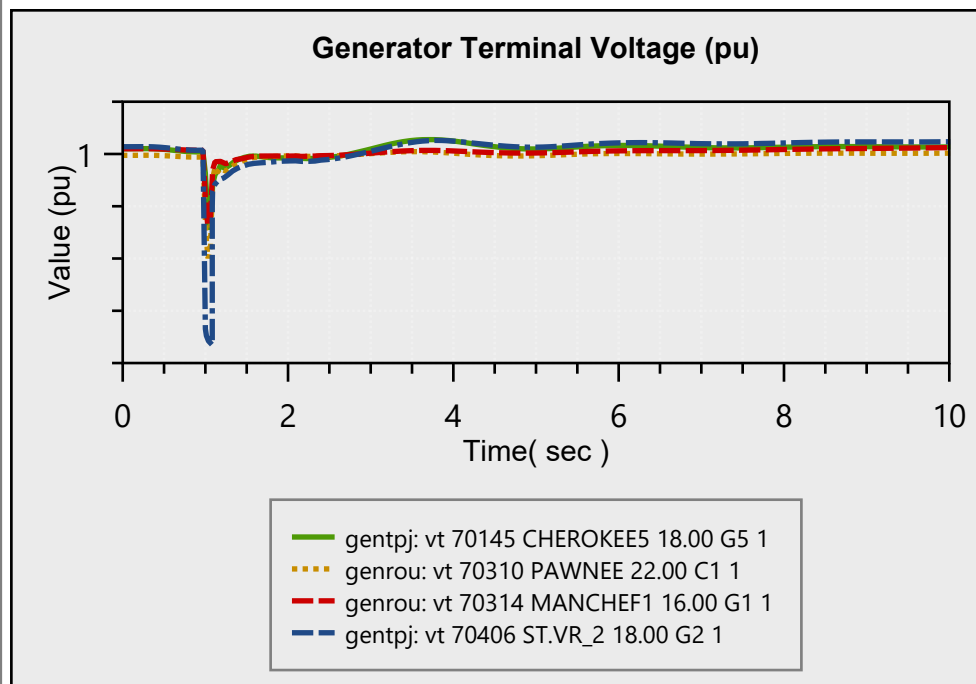
OUTPUTS



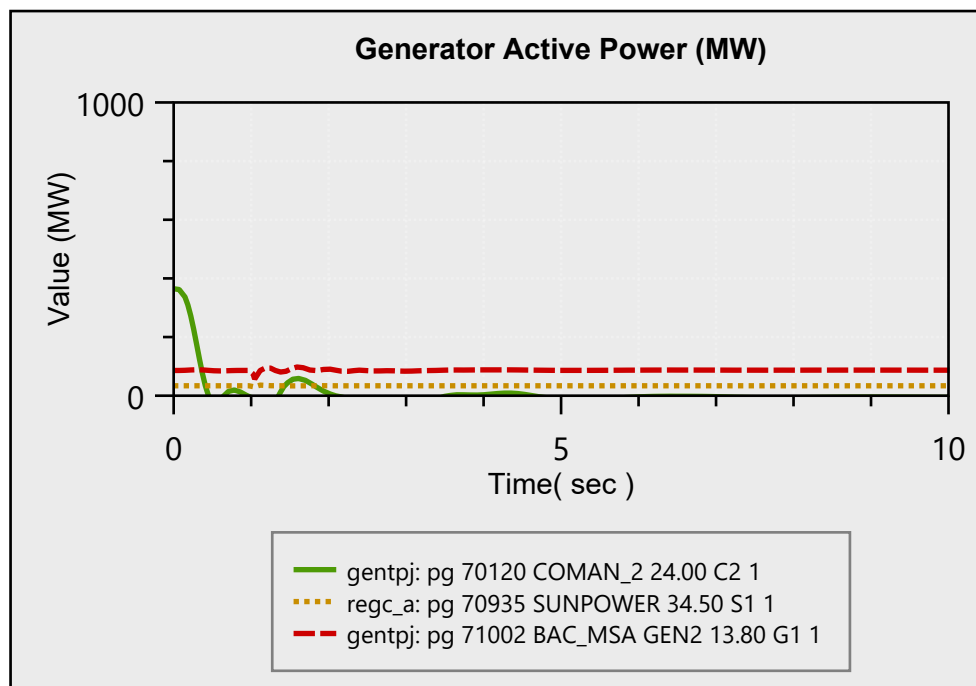
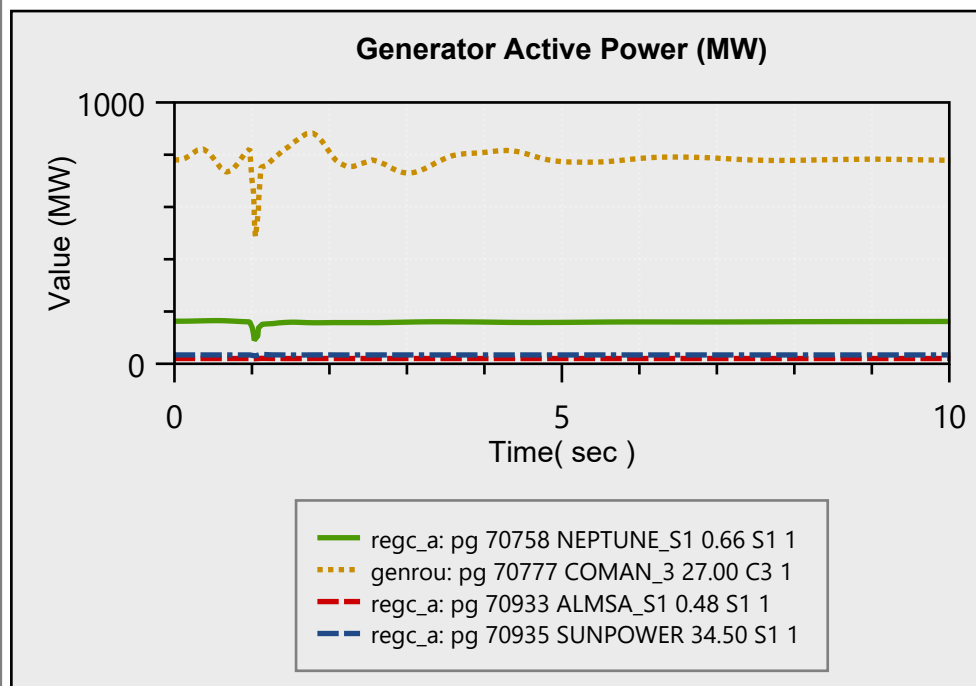
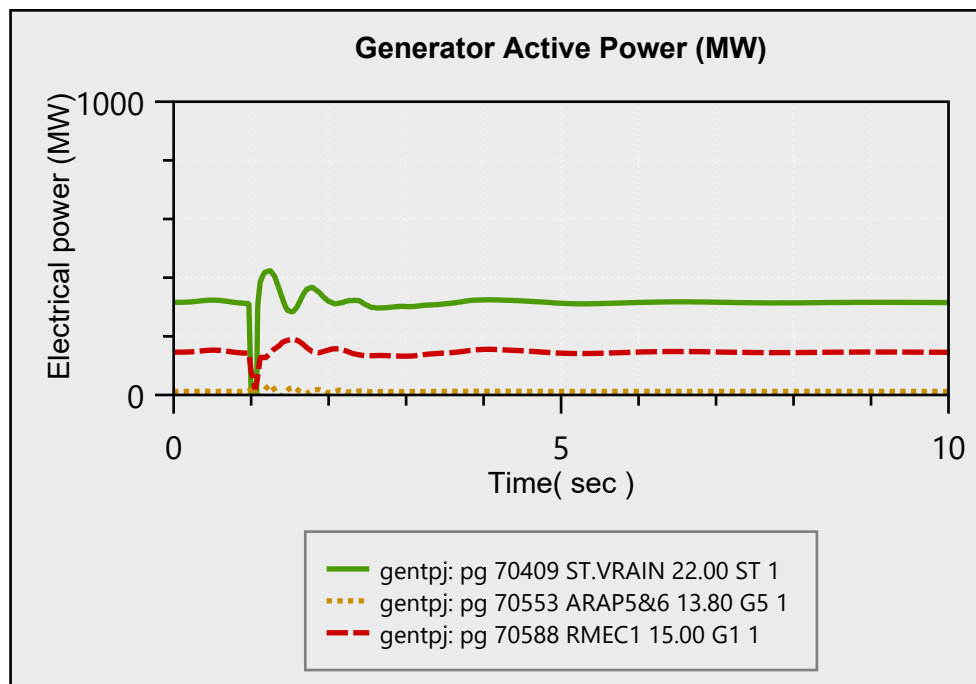
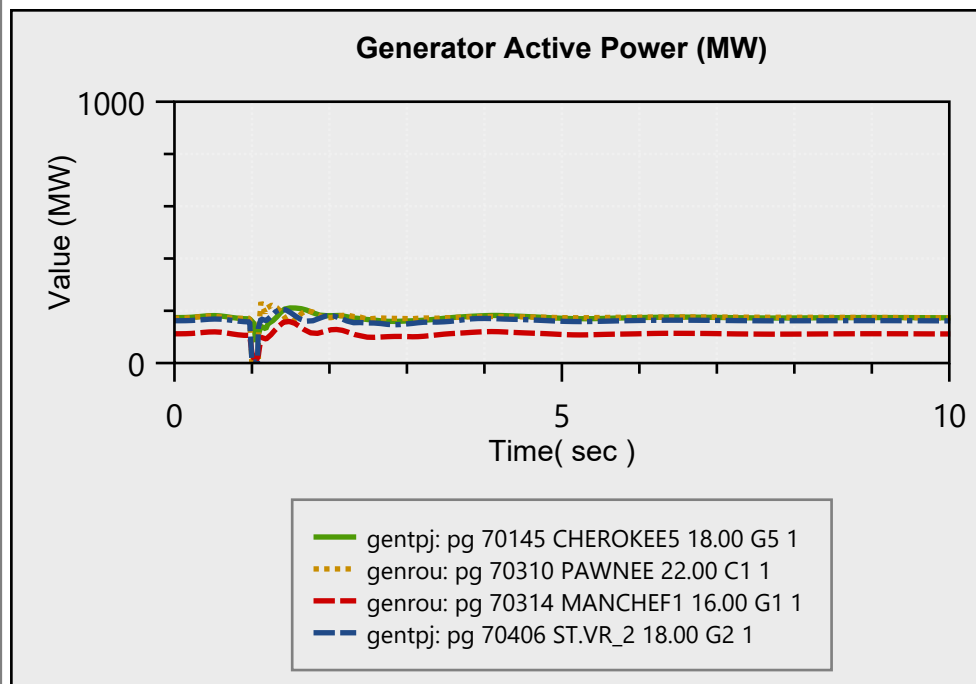
OUTPUTS



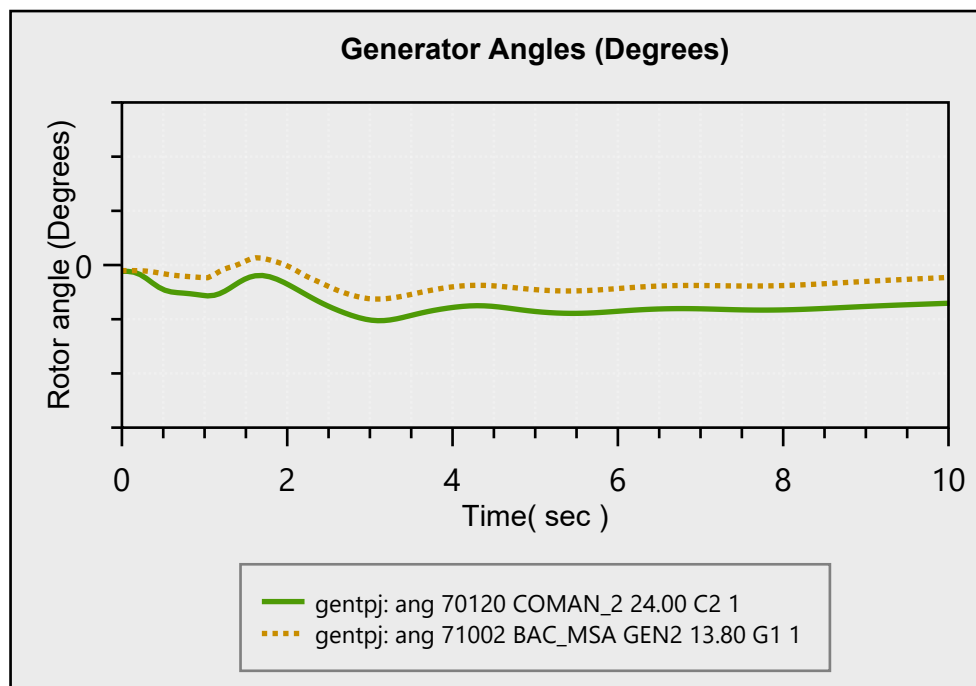
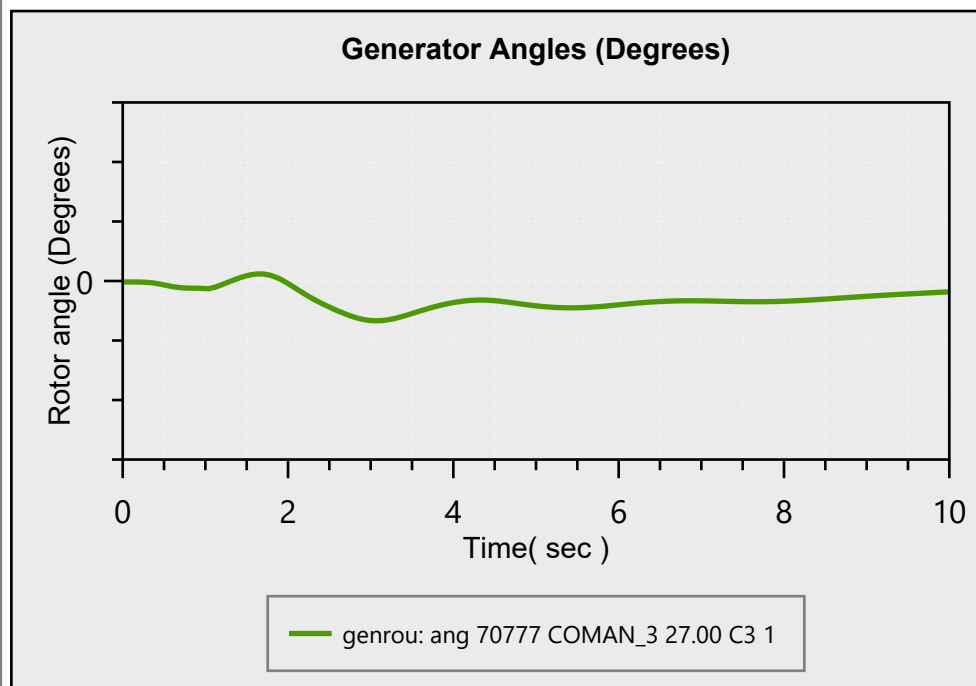
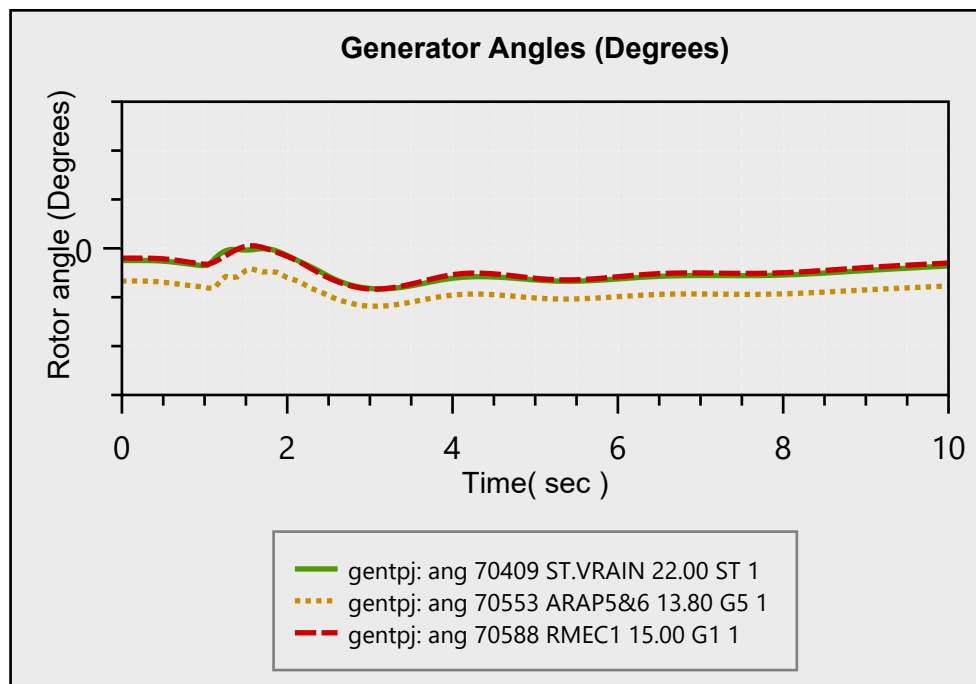
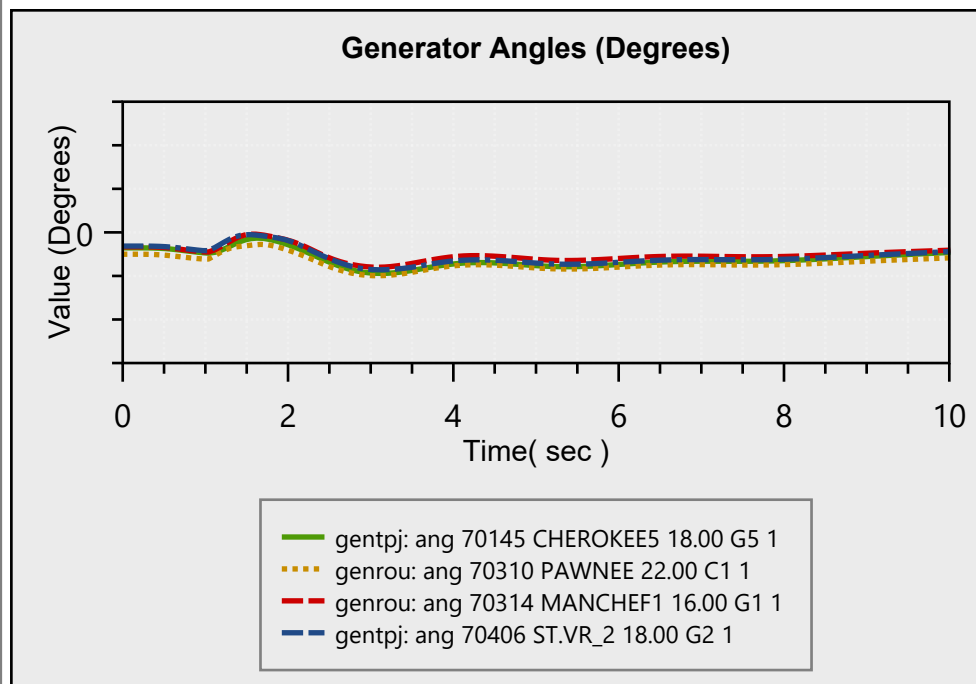
OUTPUTS



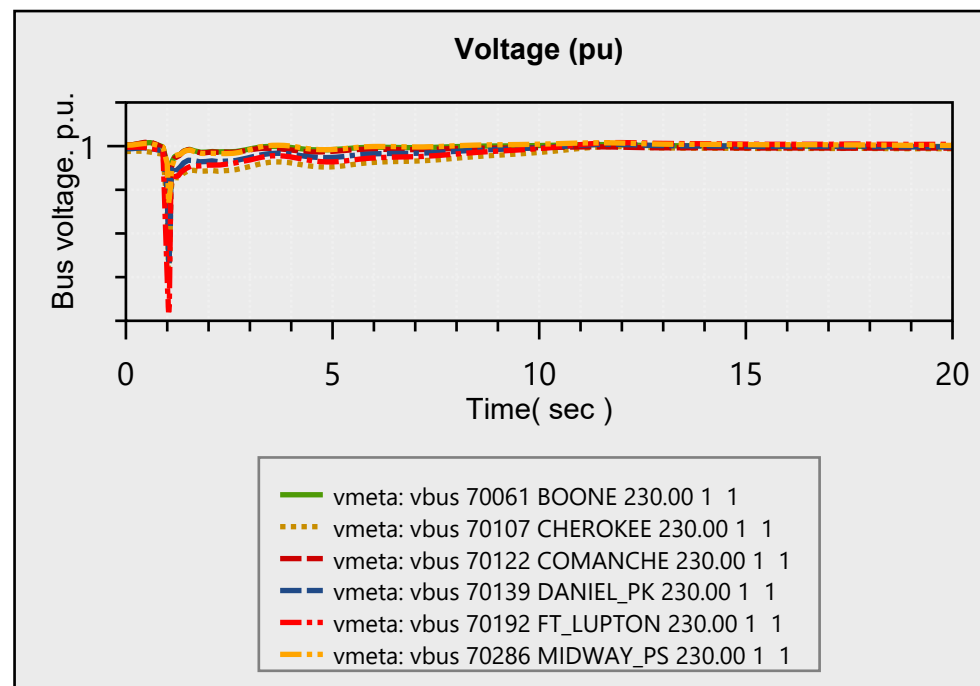
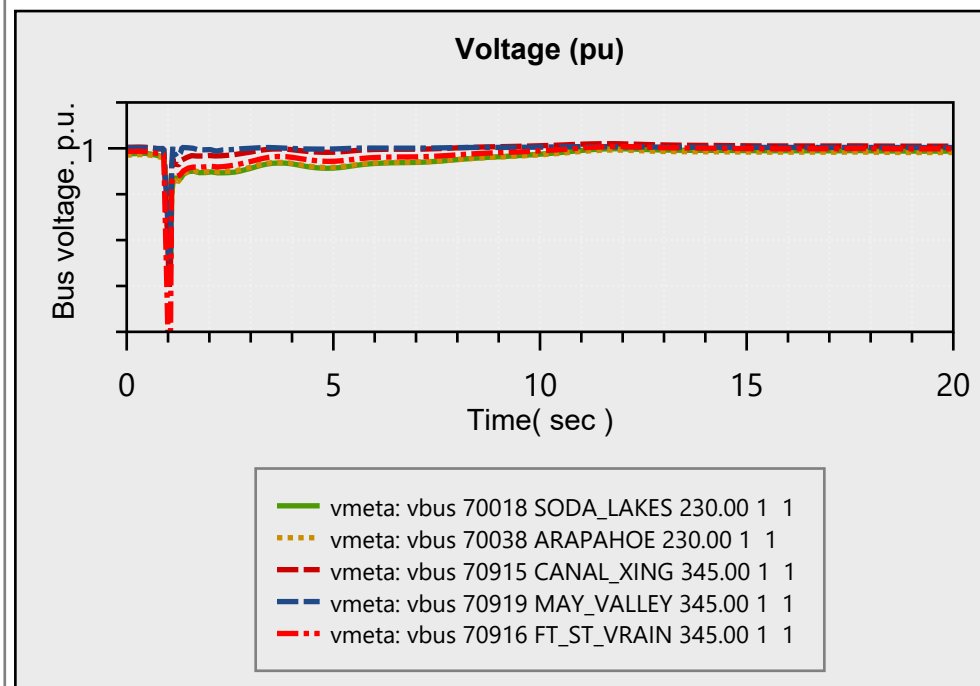
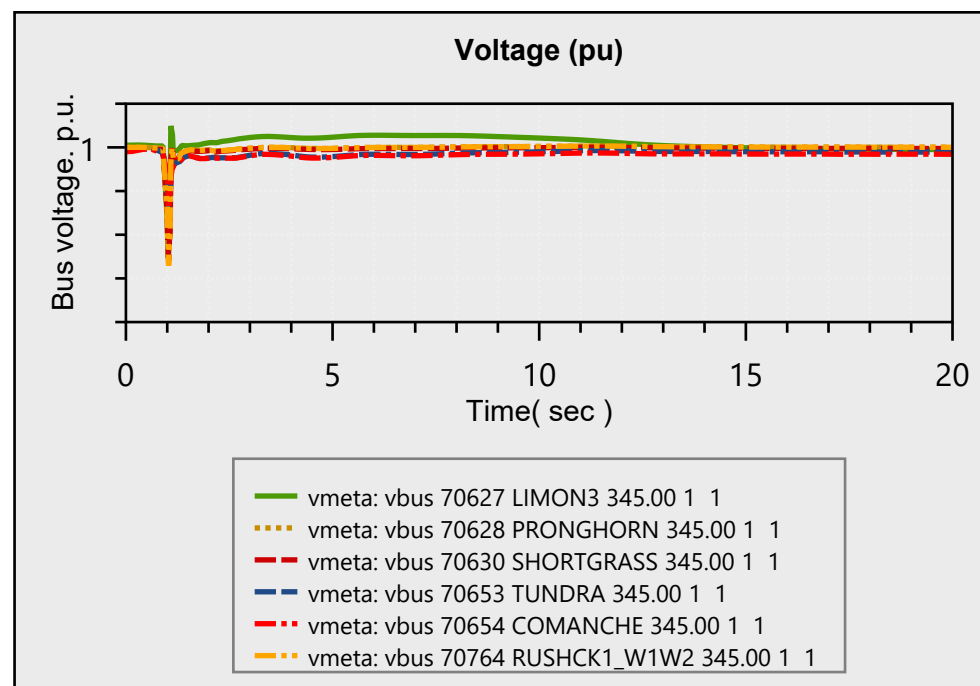
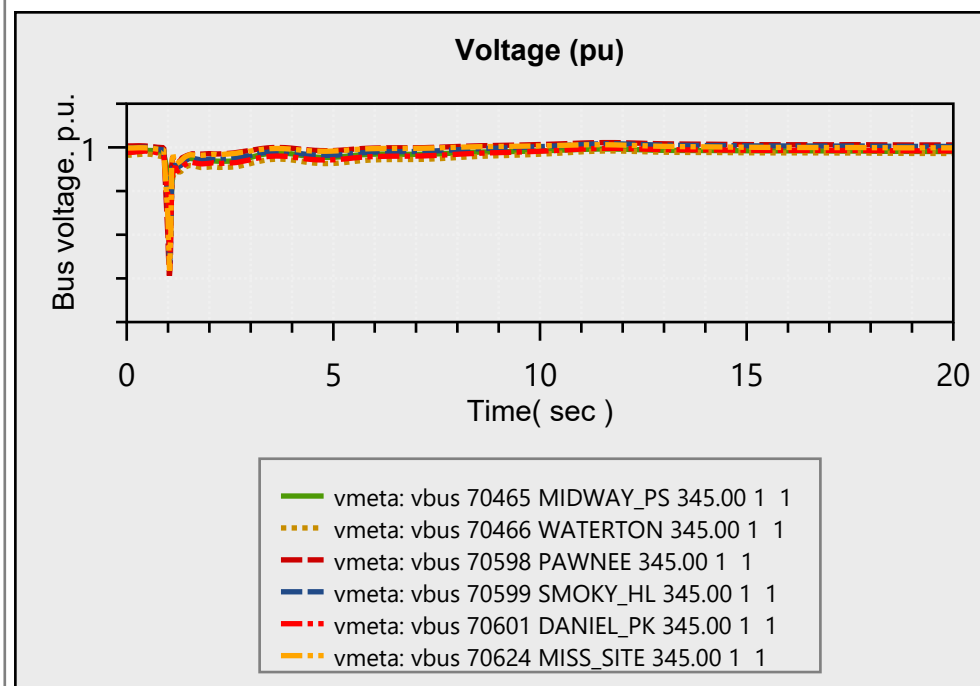
OUTPUTS



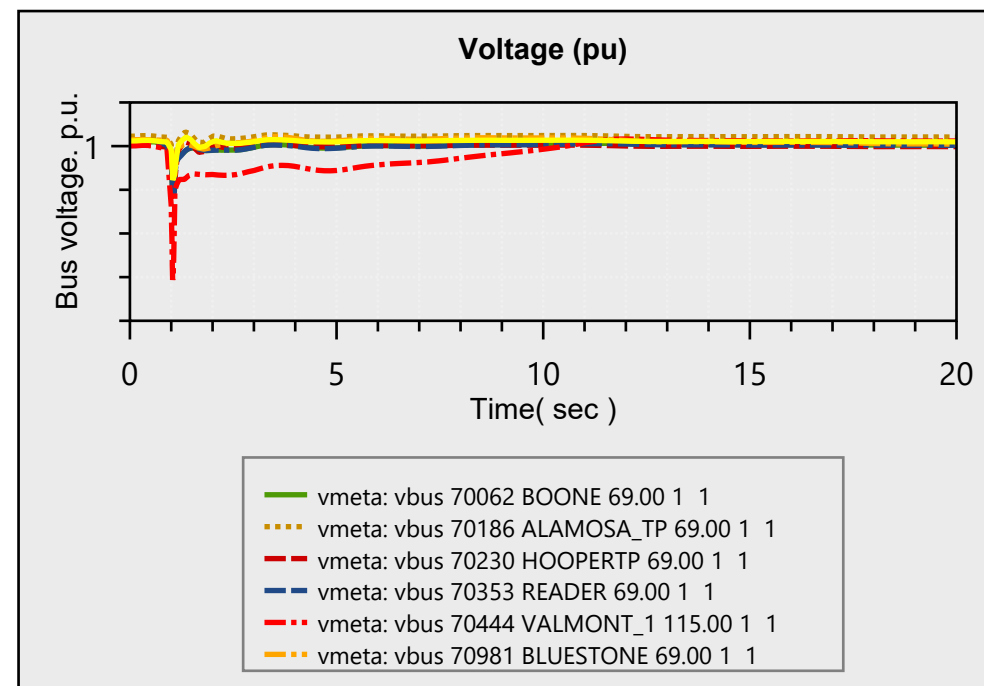
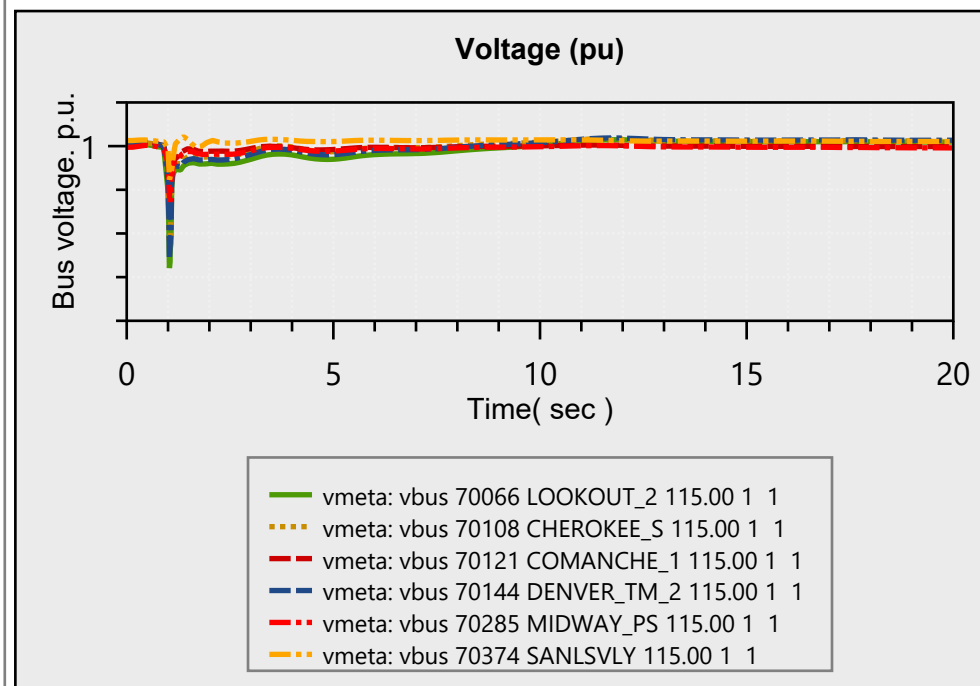
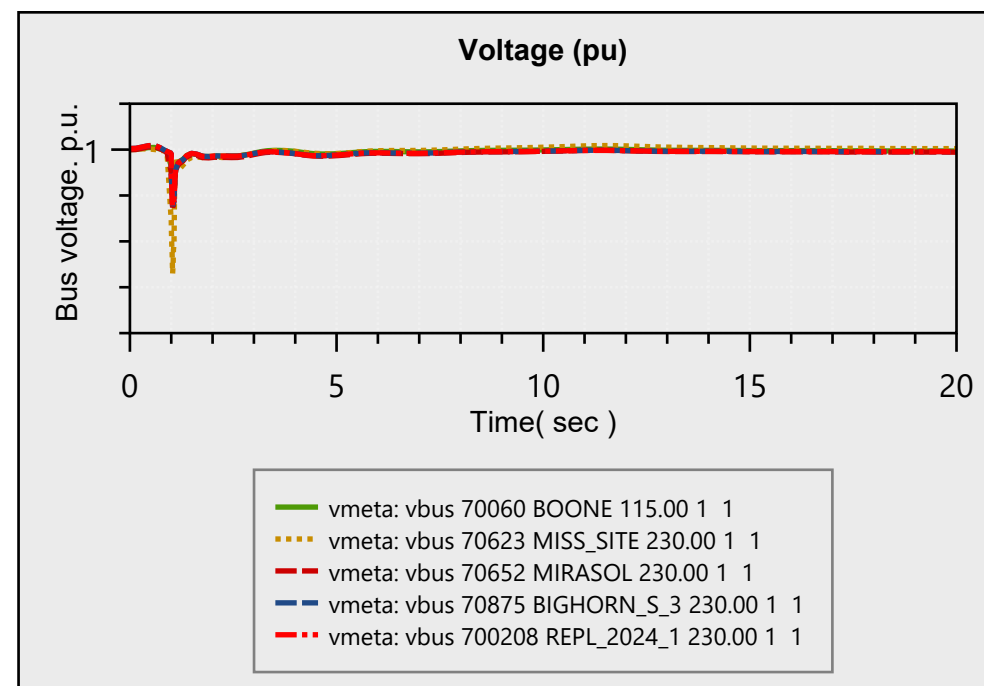
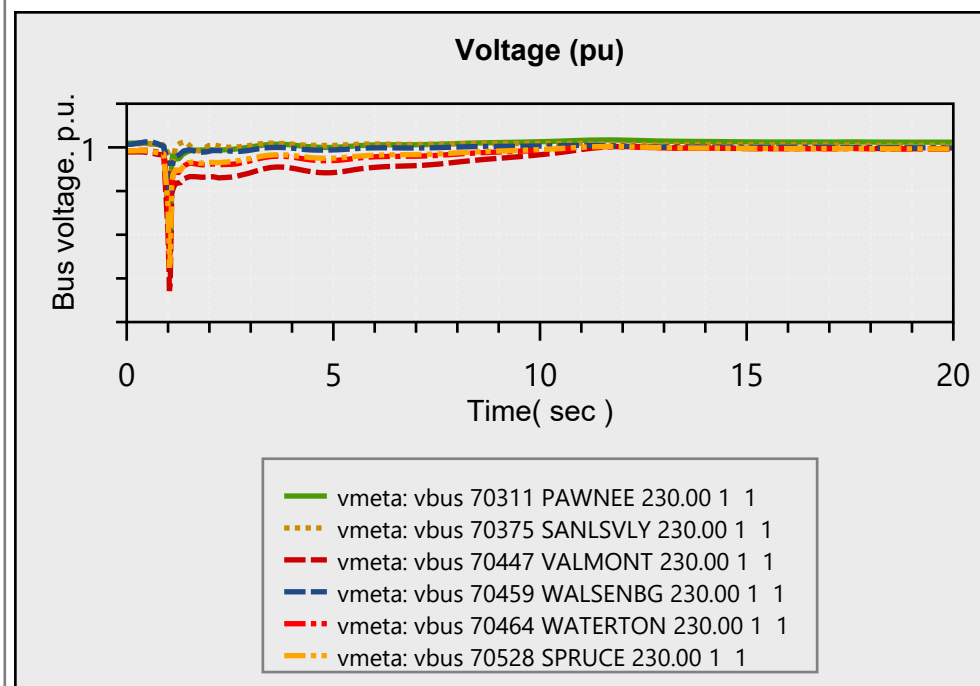
OUTPUTS



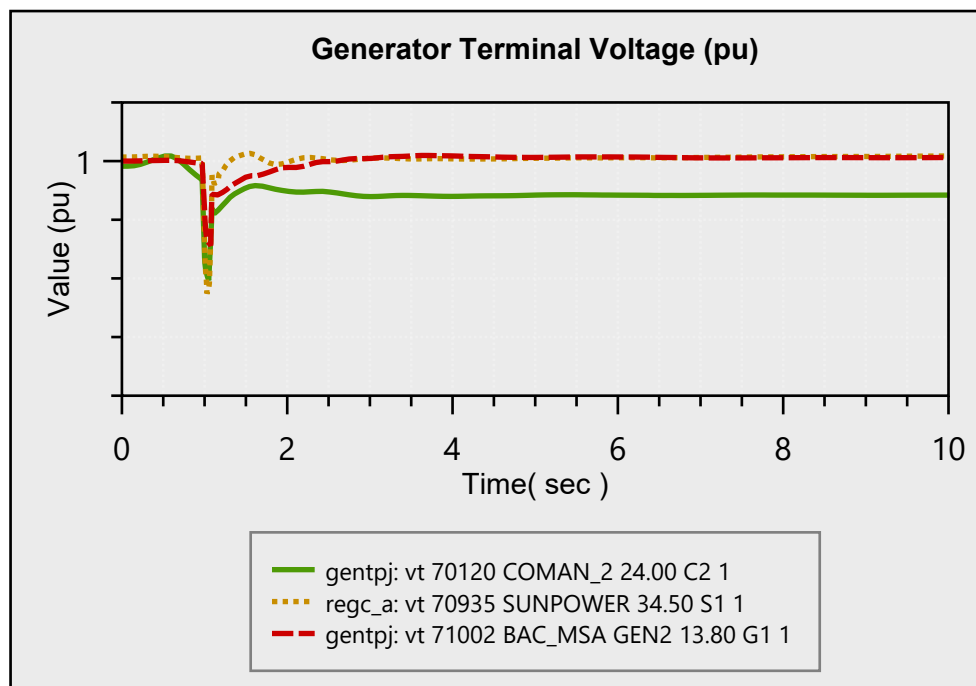
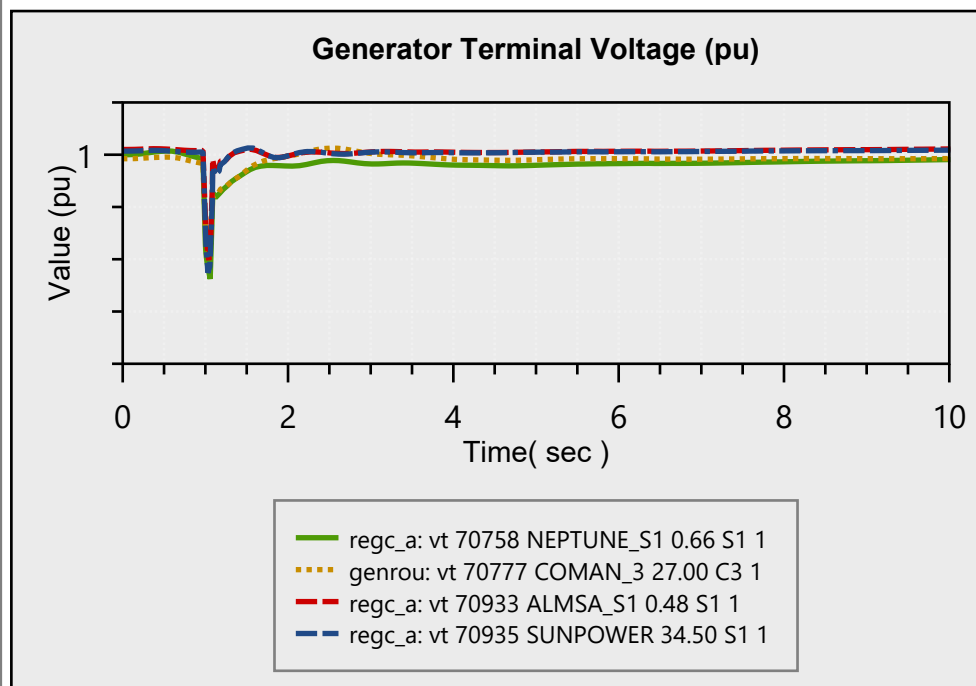
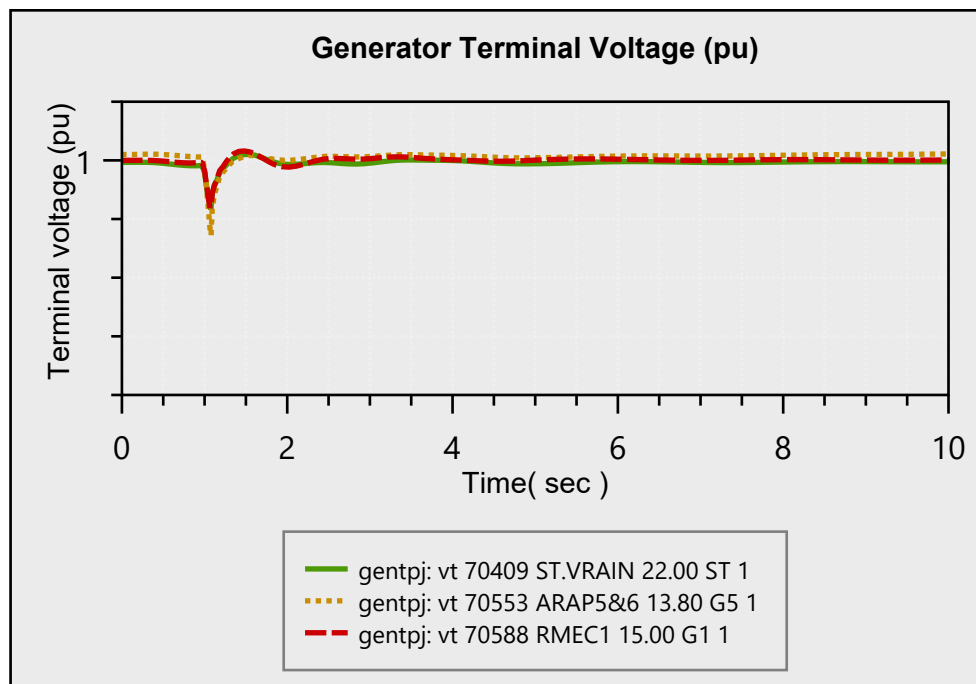
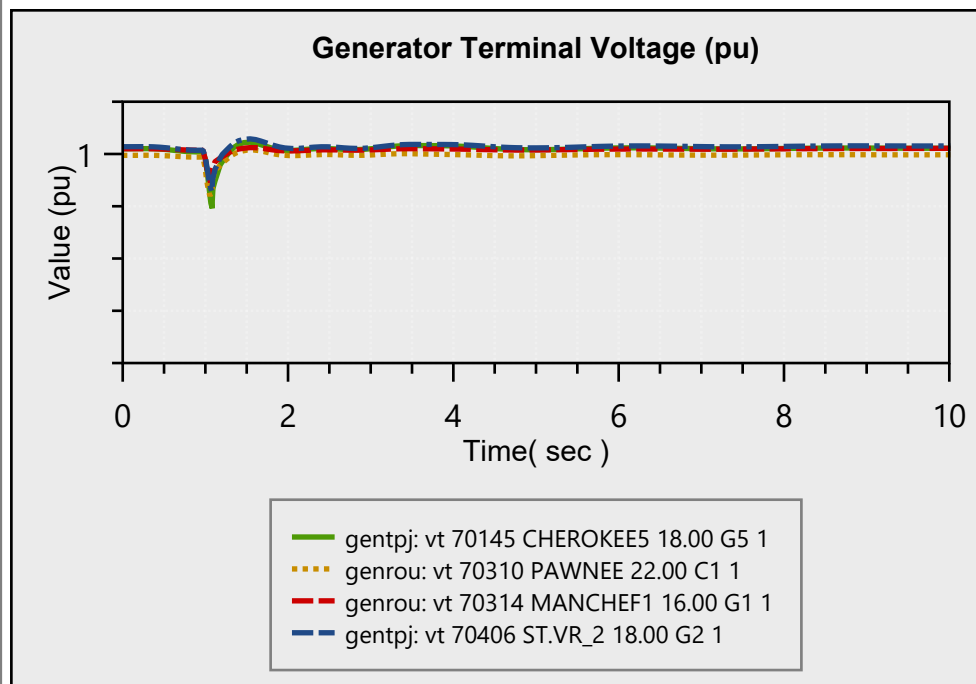
OUTPUTS



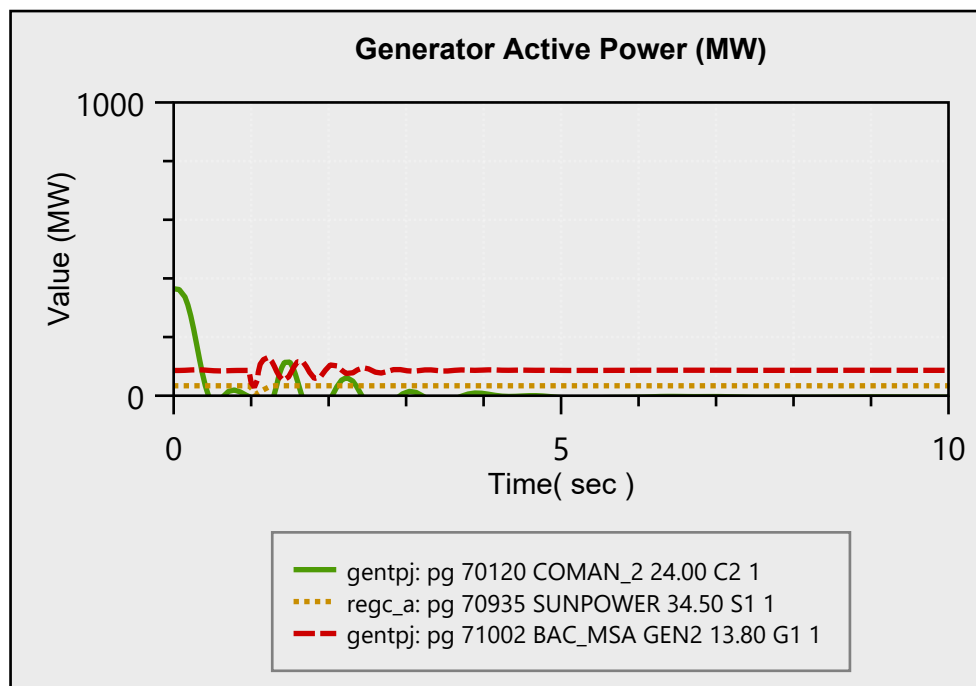
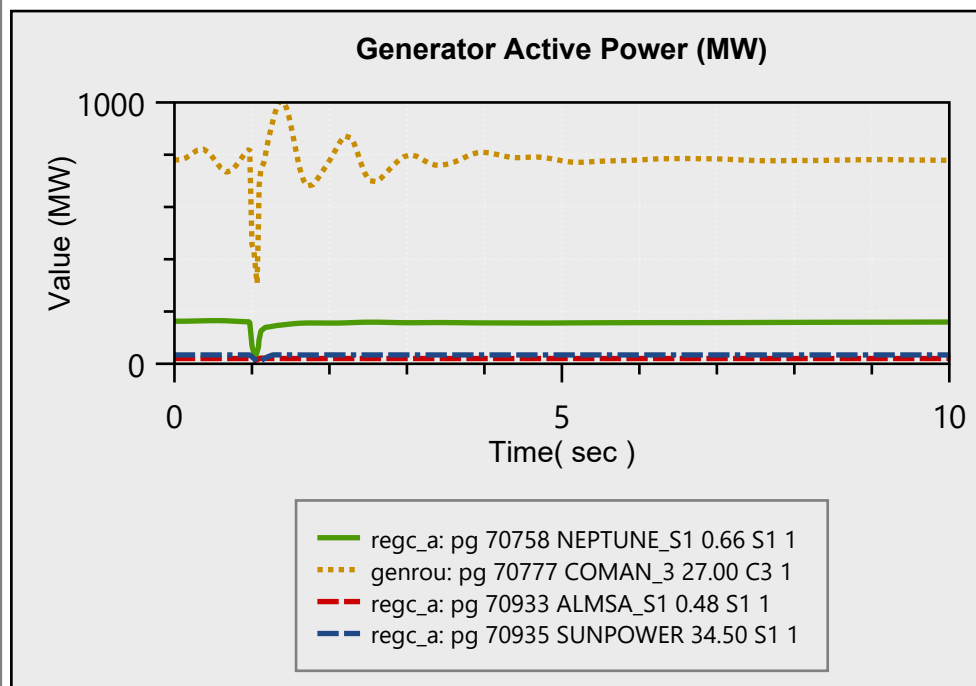
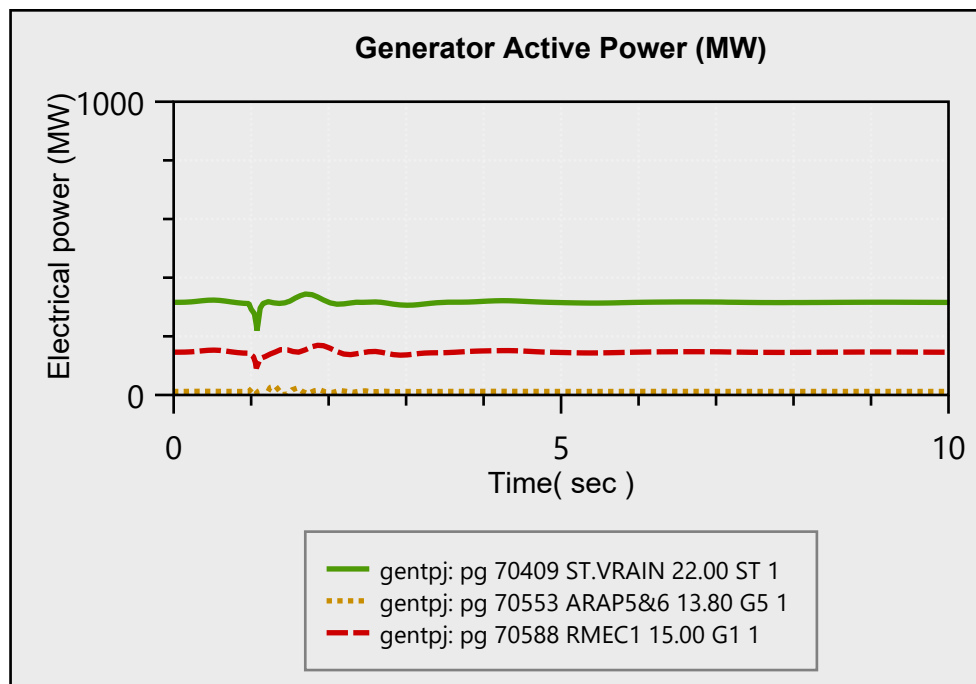
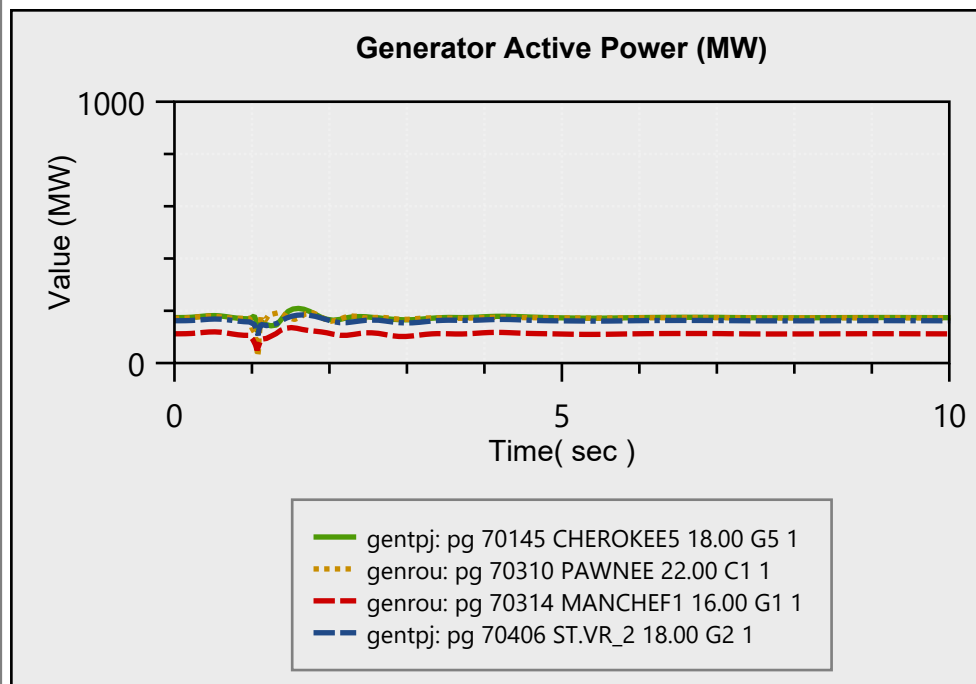
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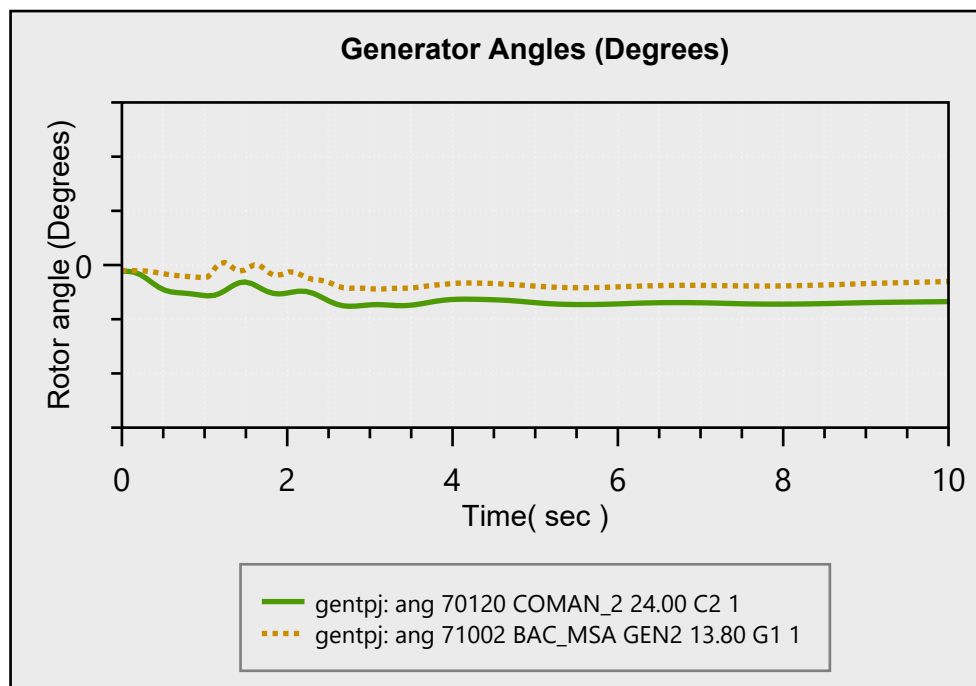
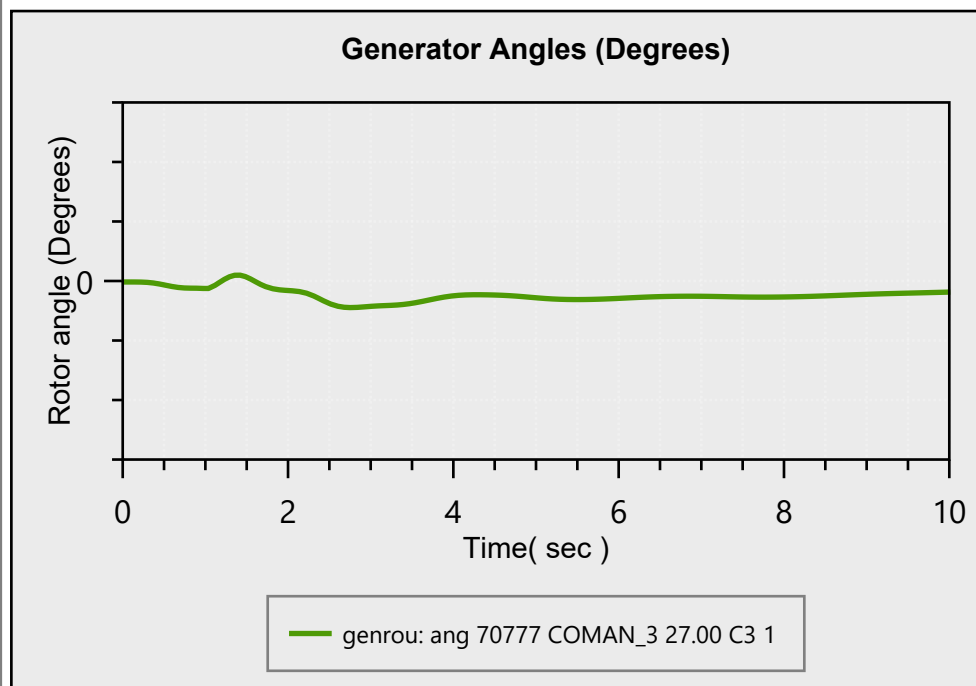
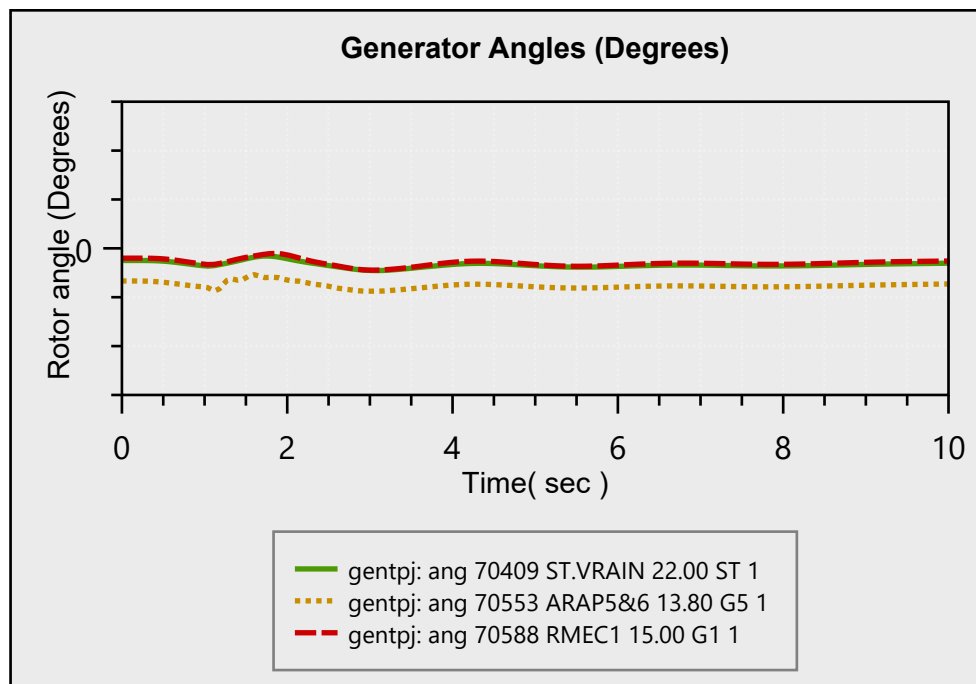
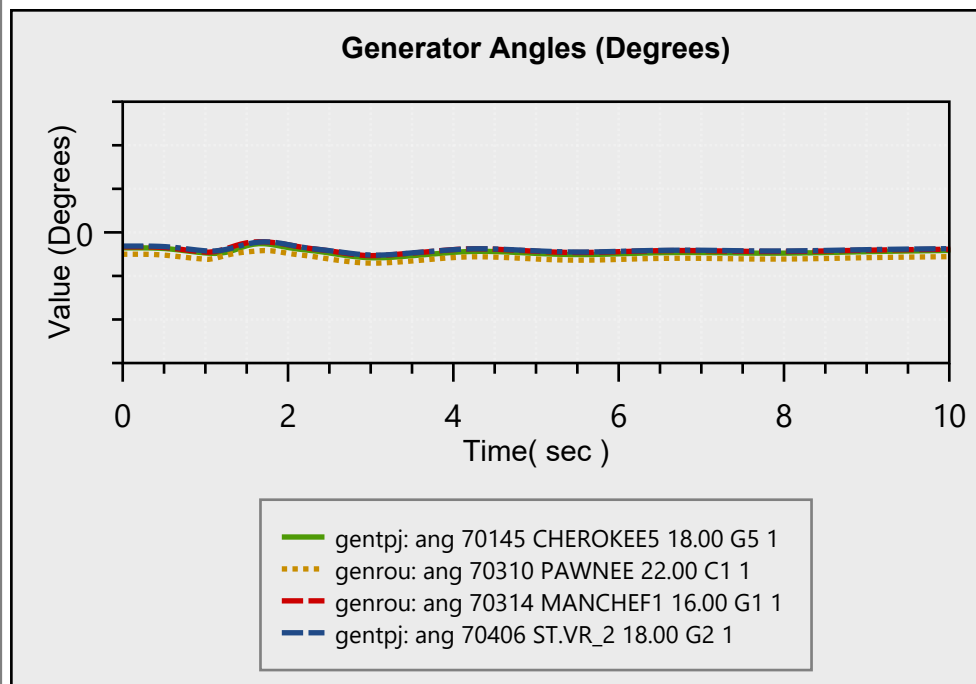
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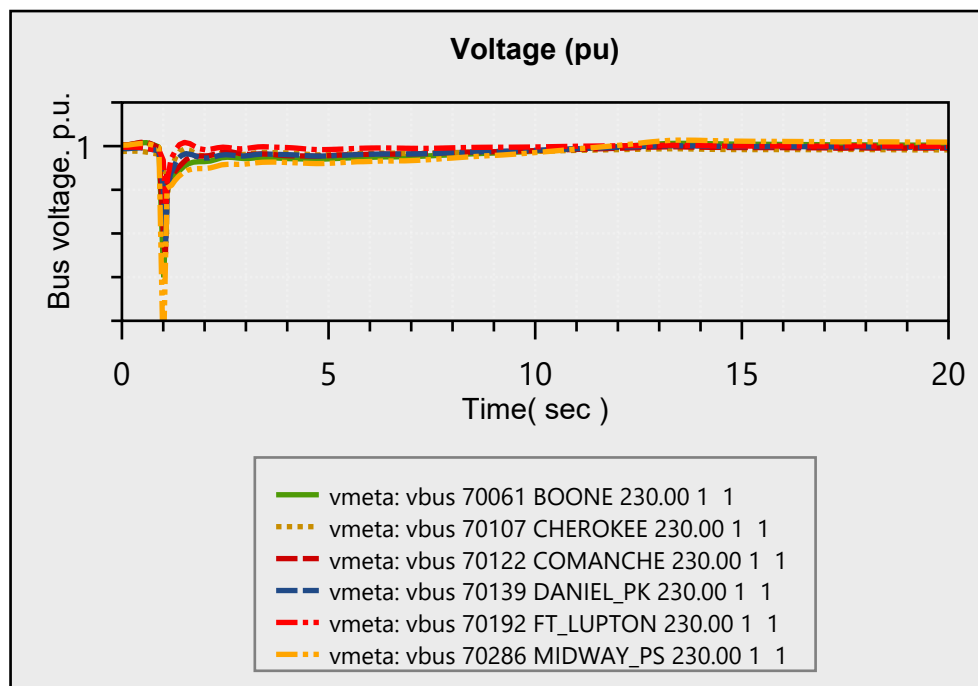
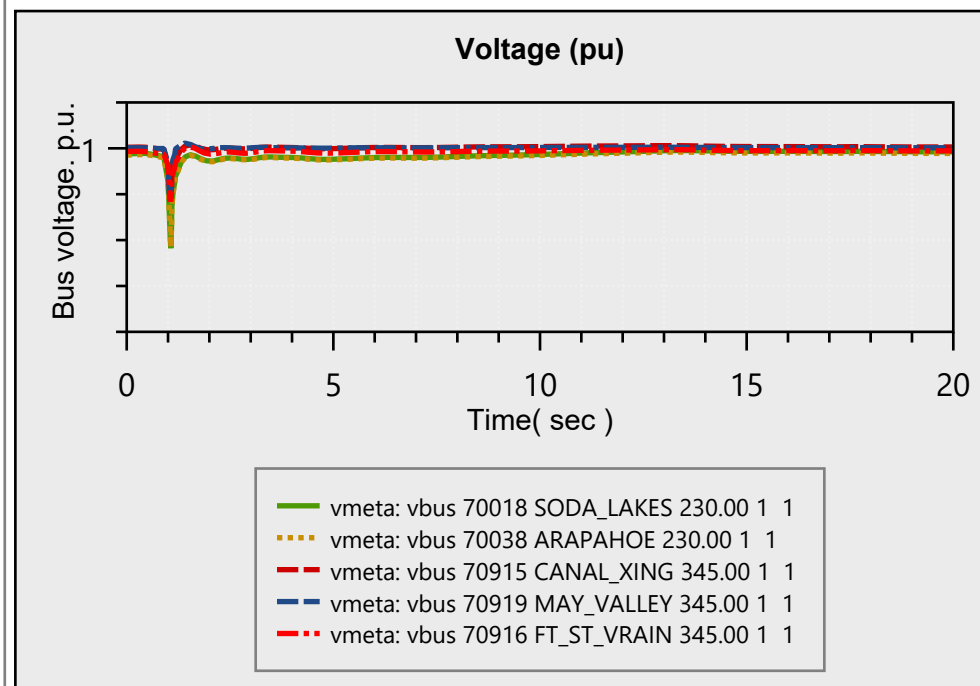
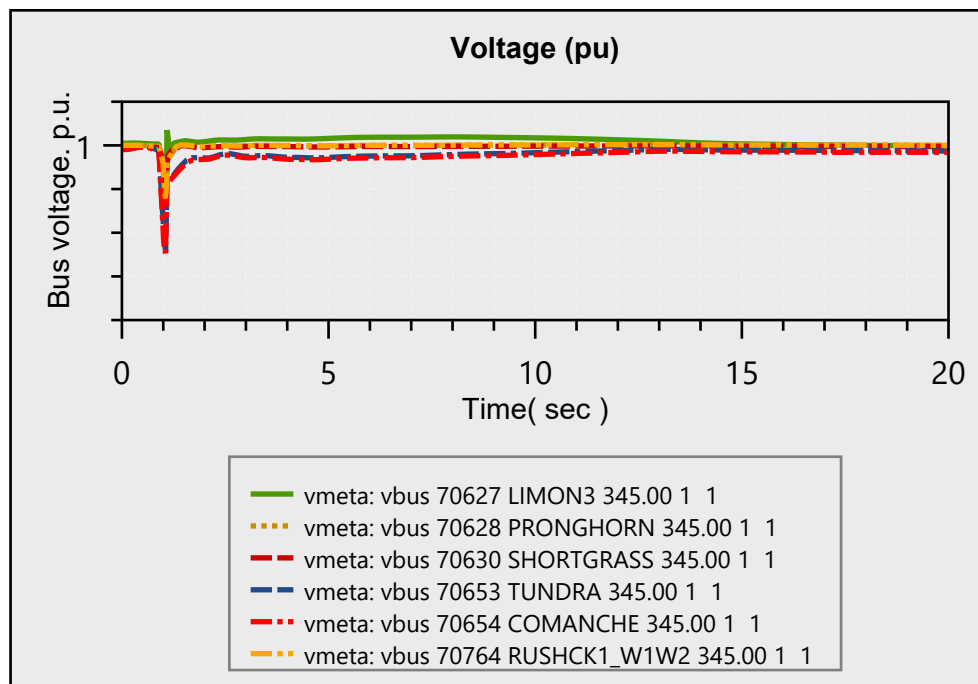
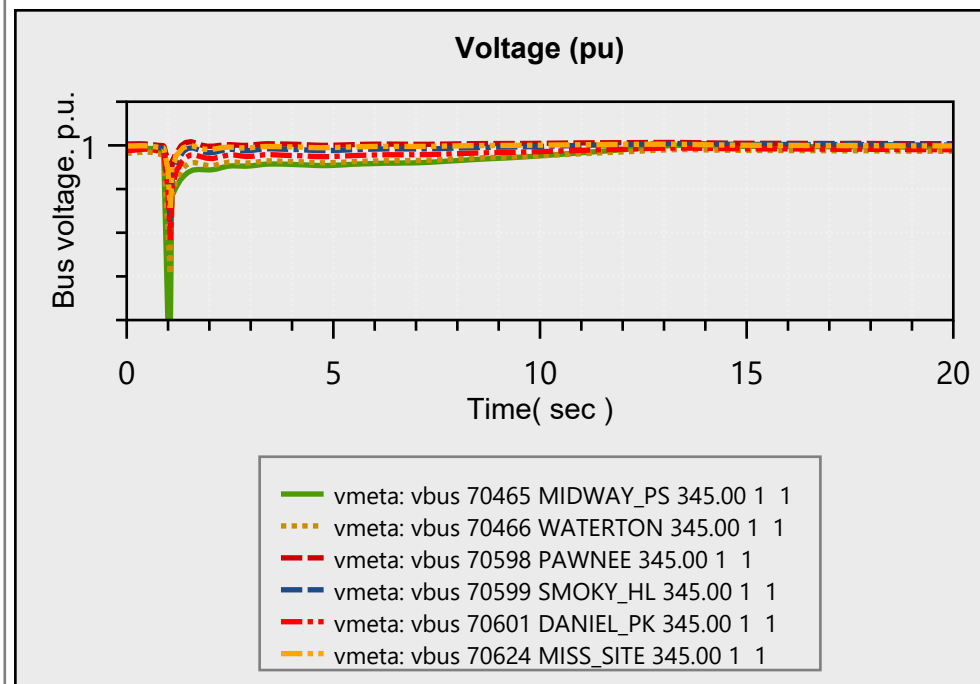
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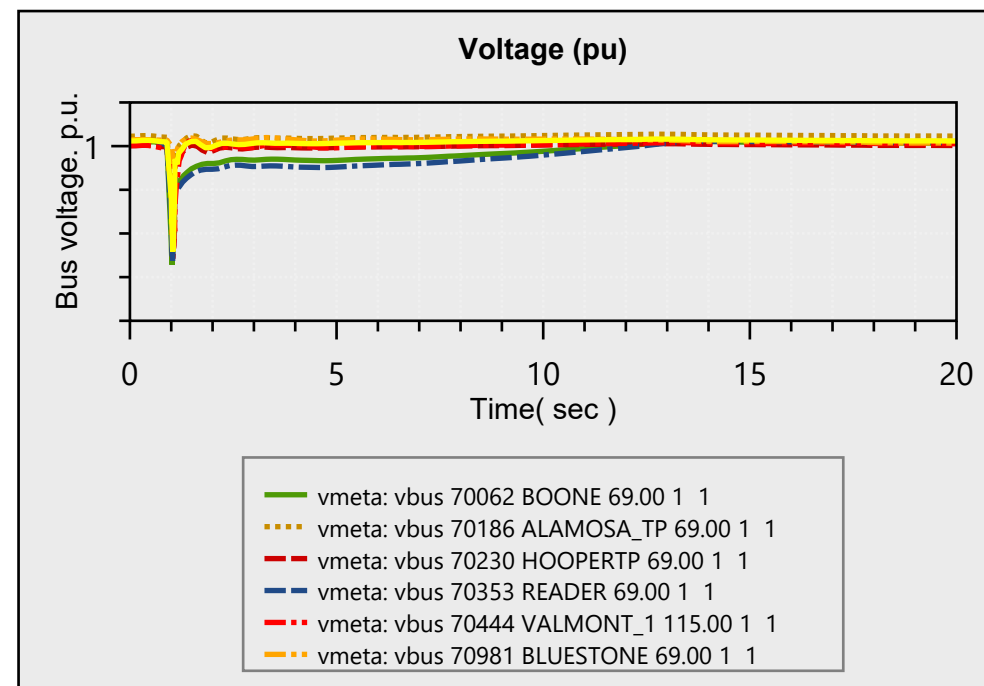
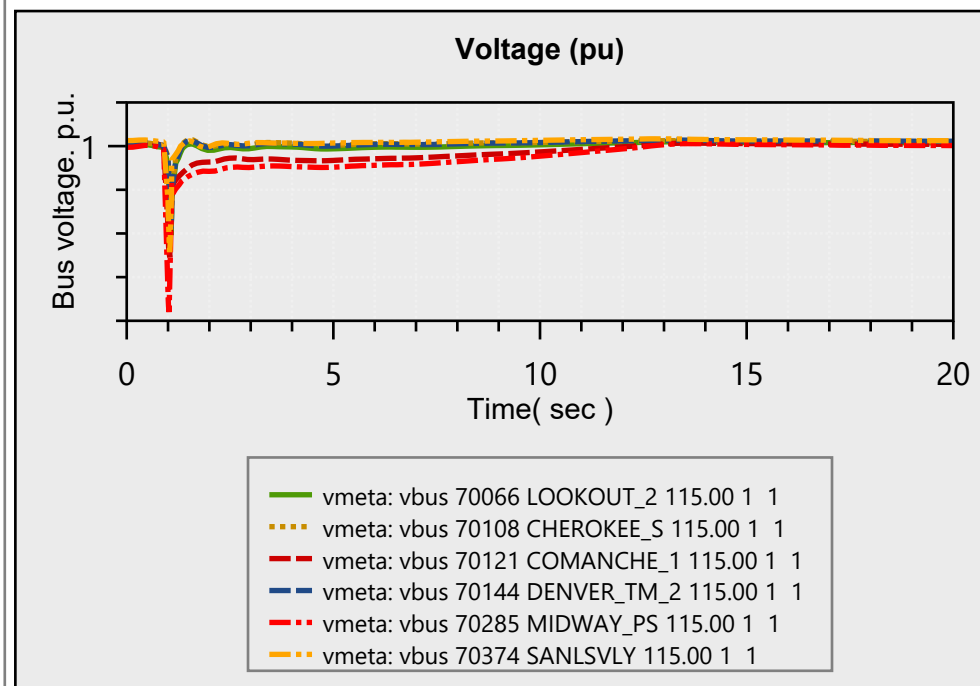
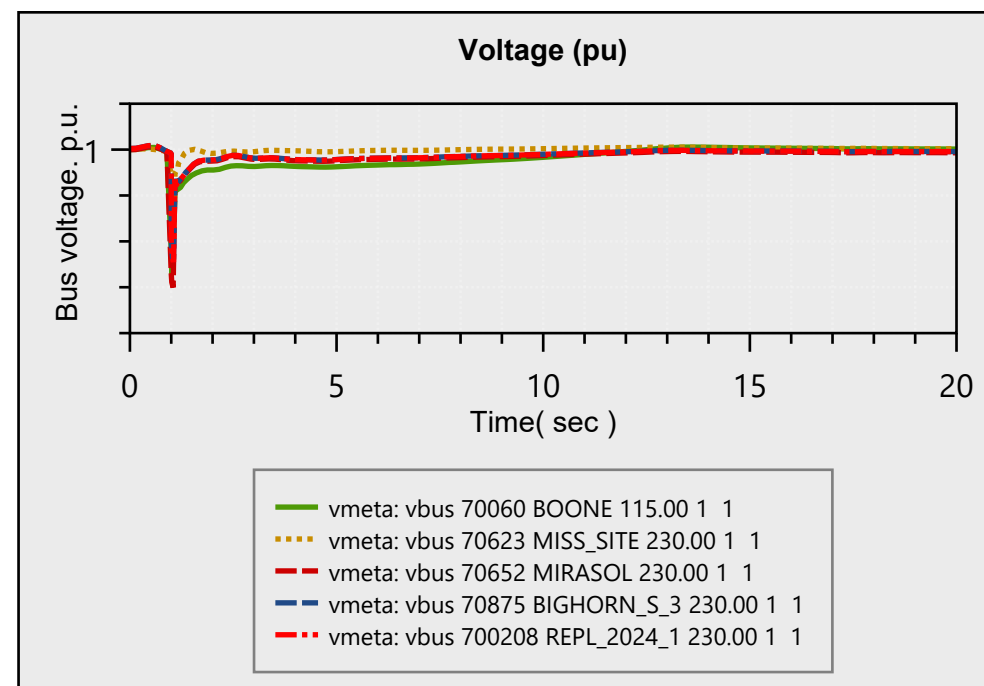
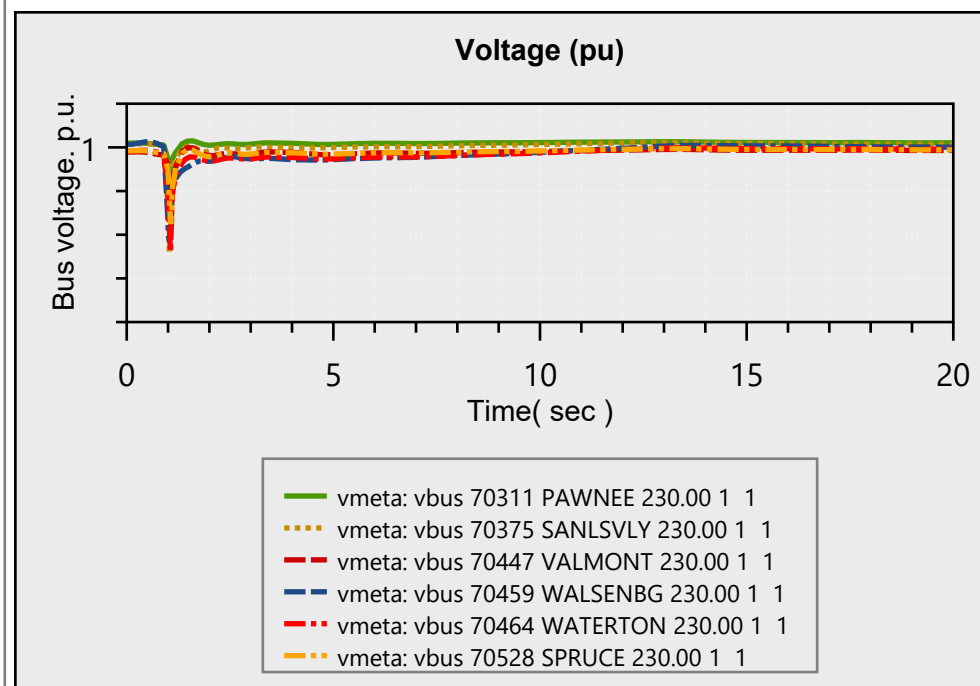
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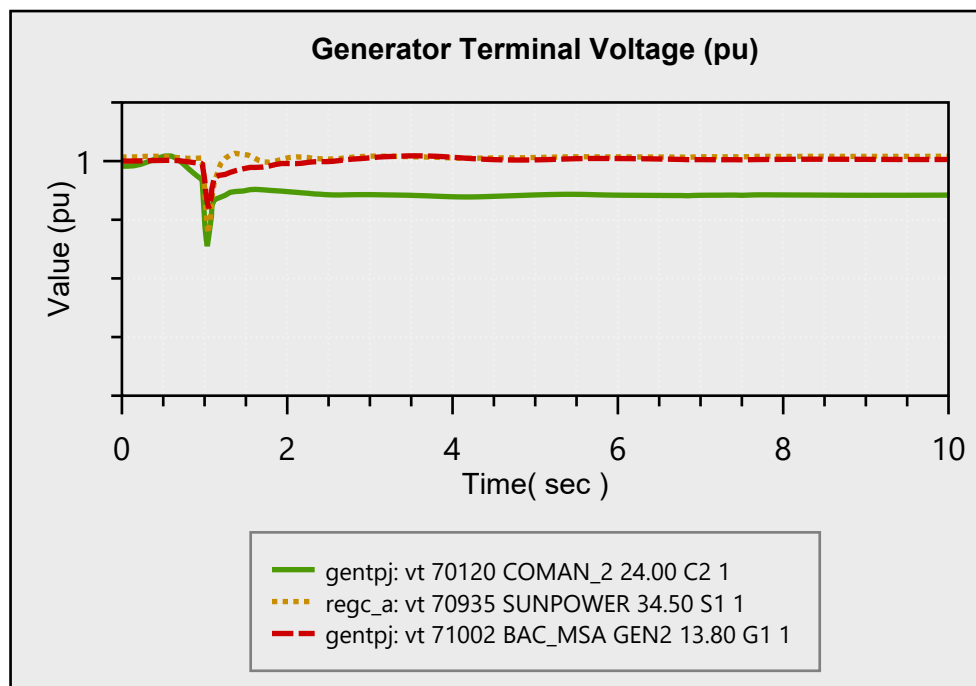
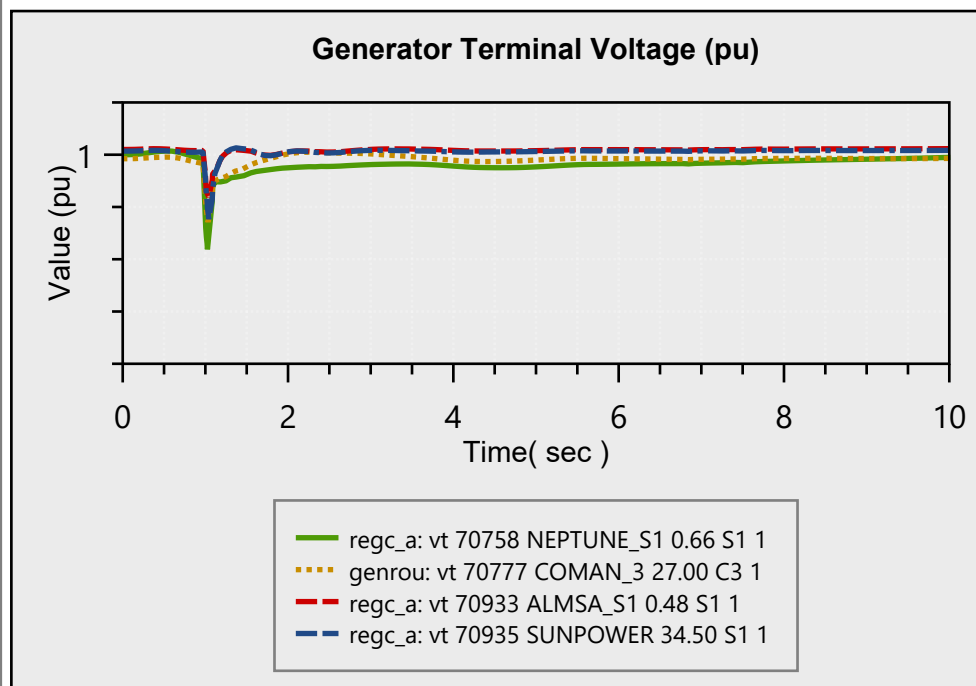
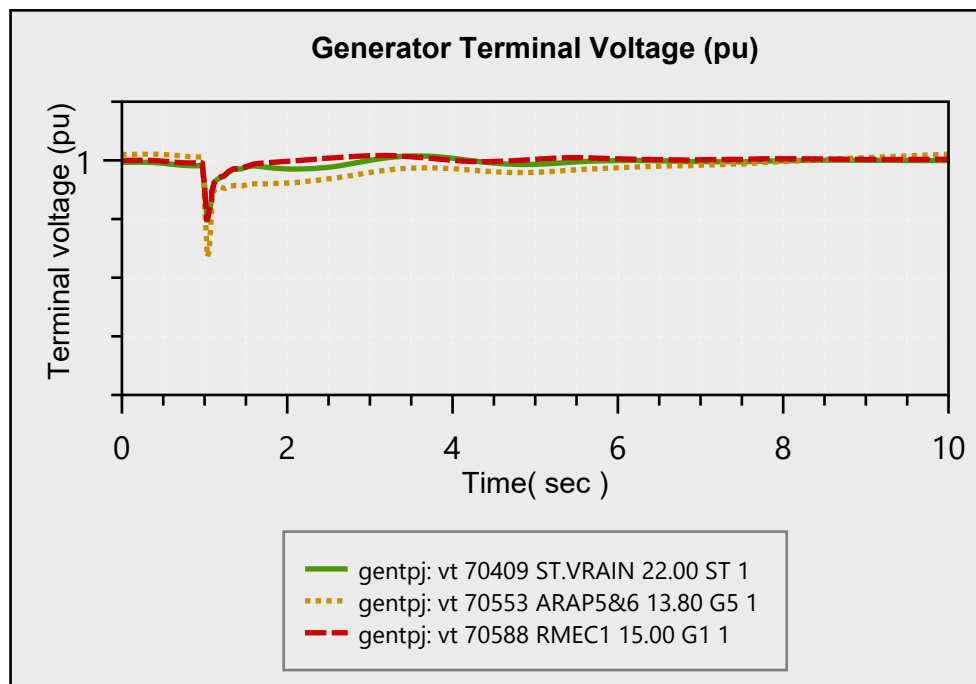
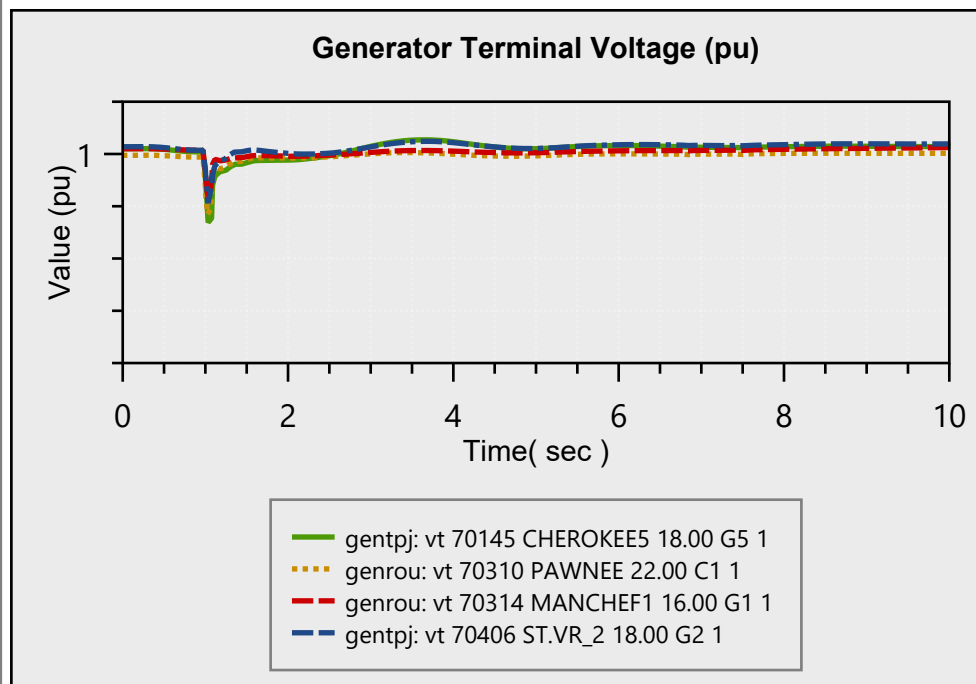
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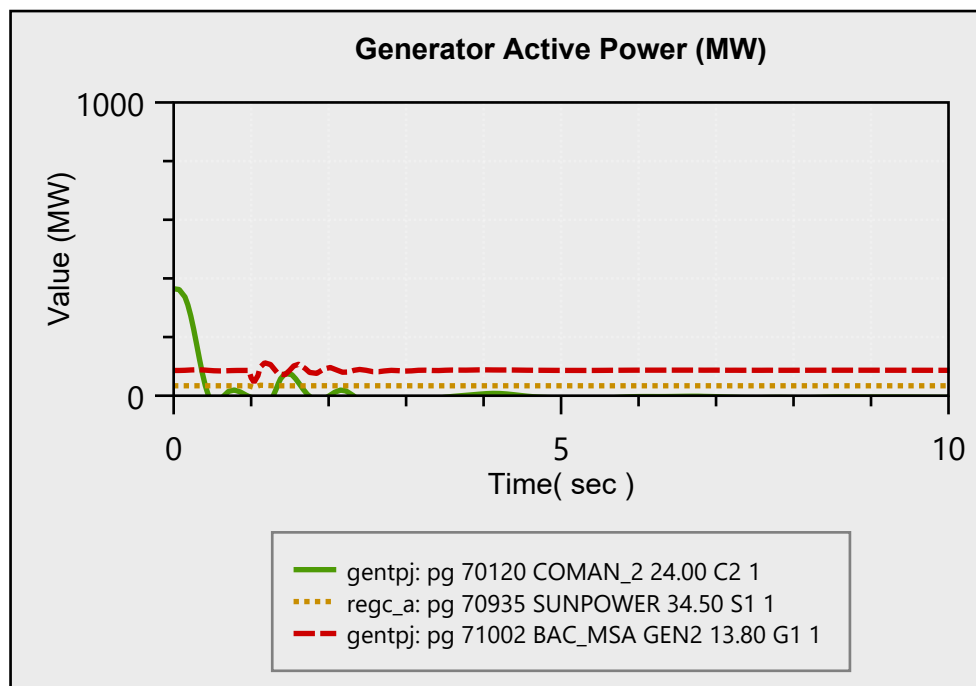
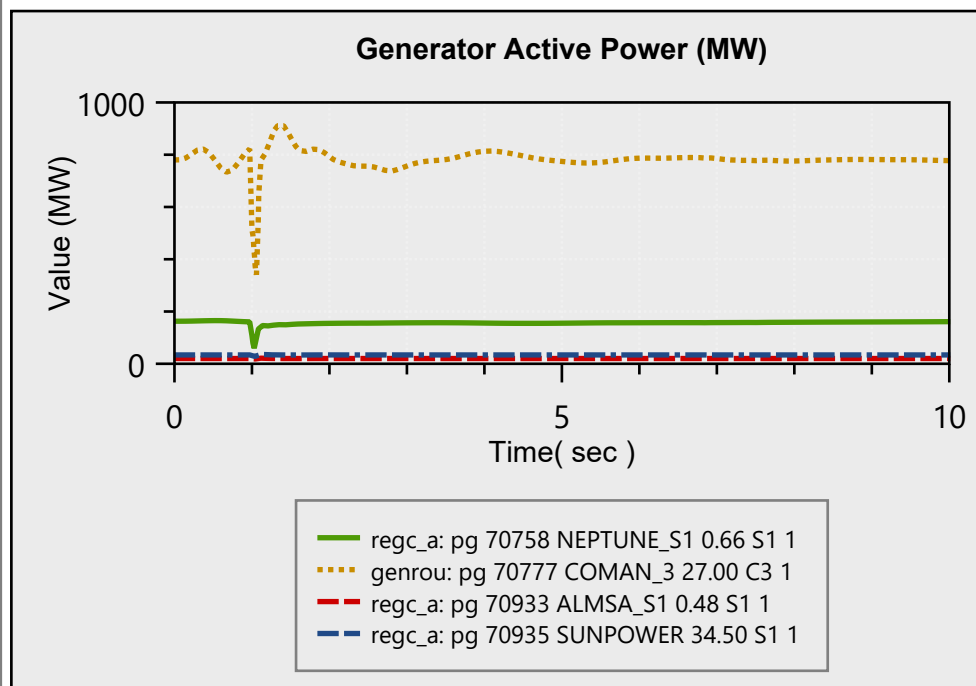
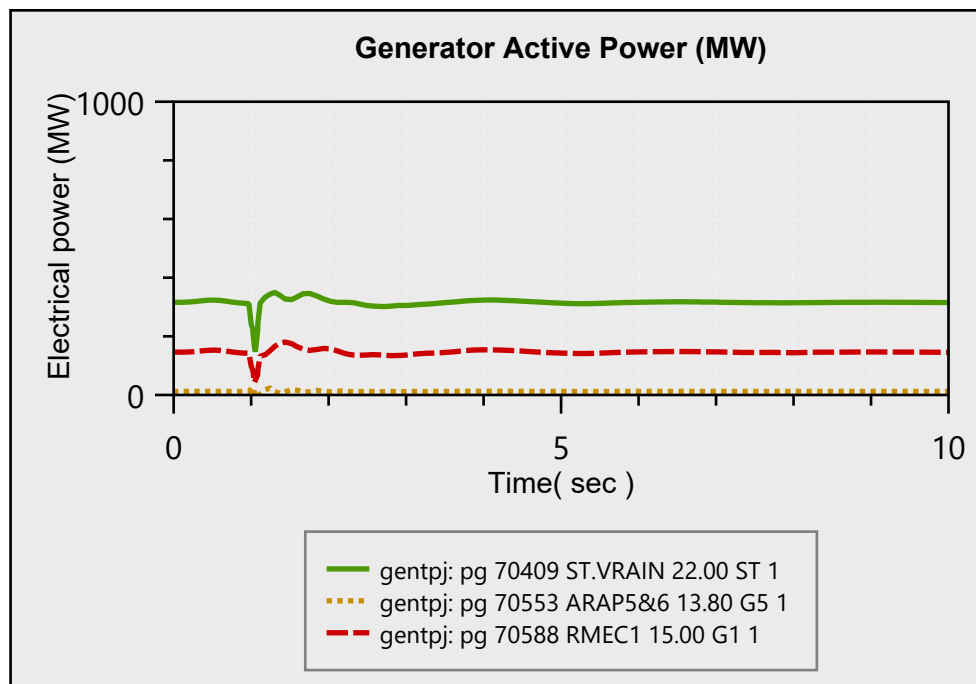
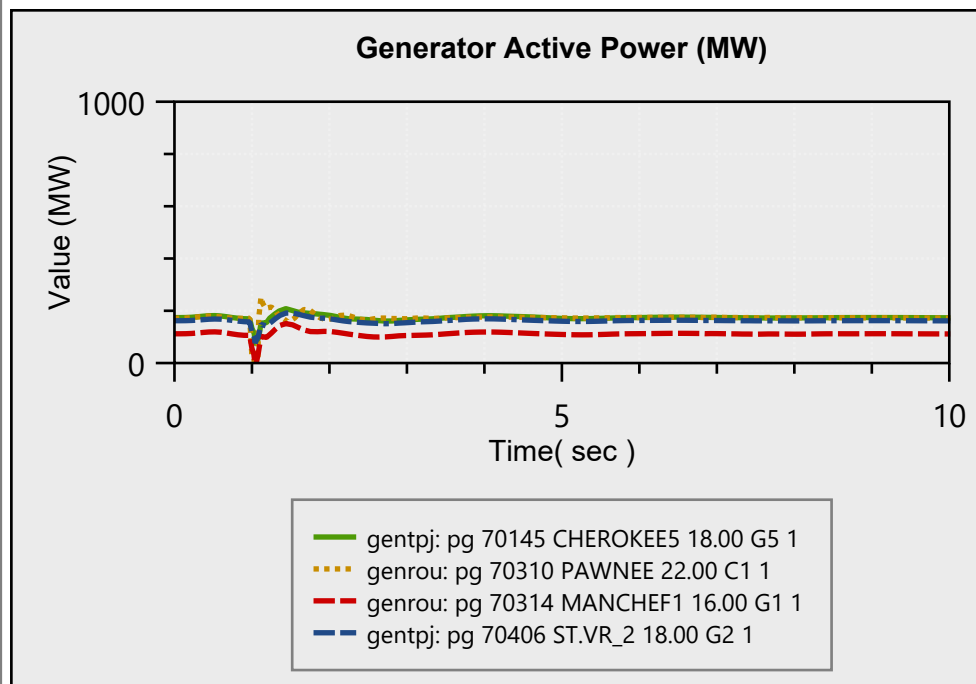
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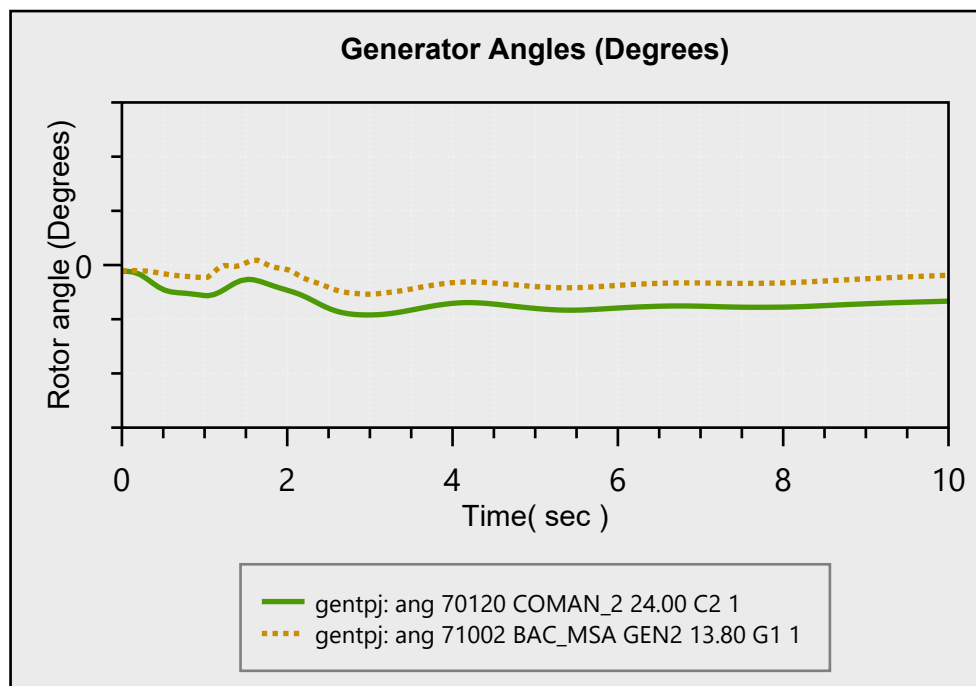
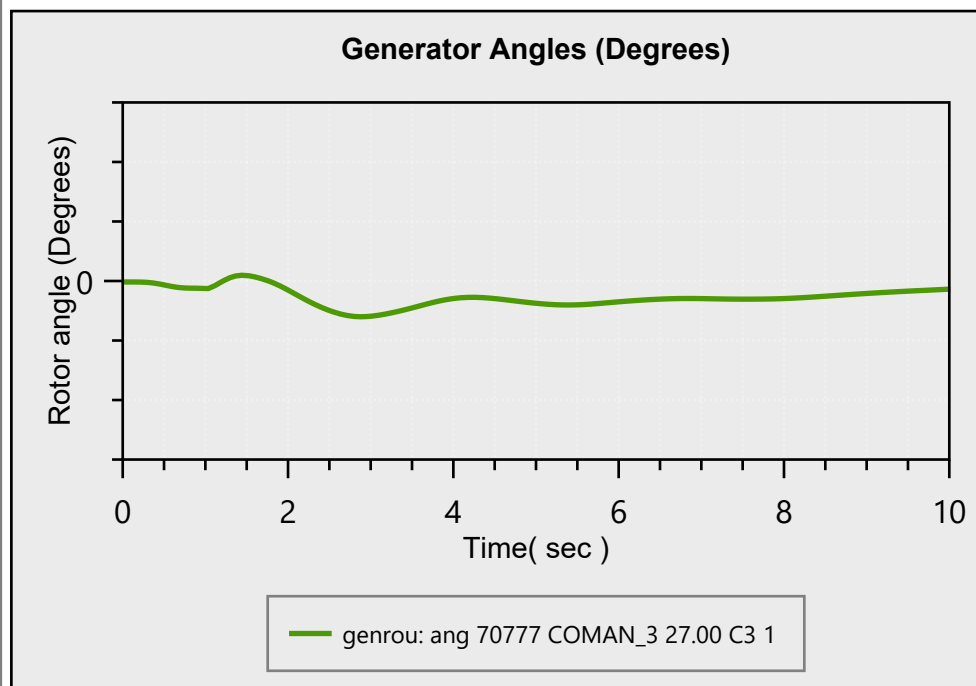
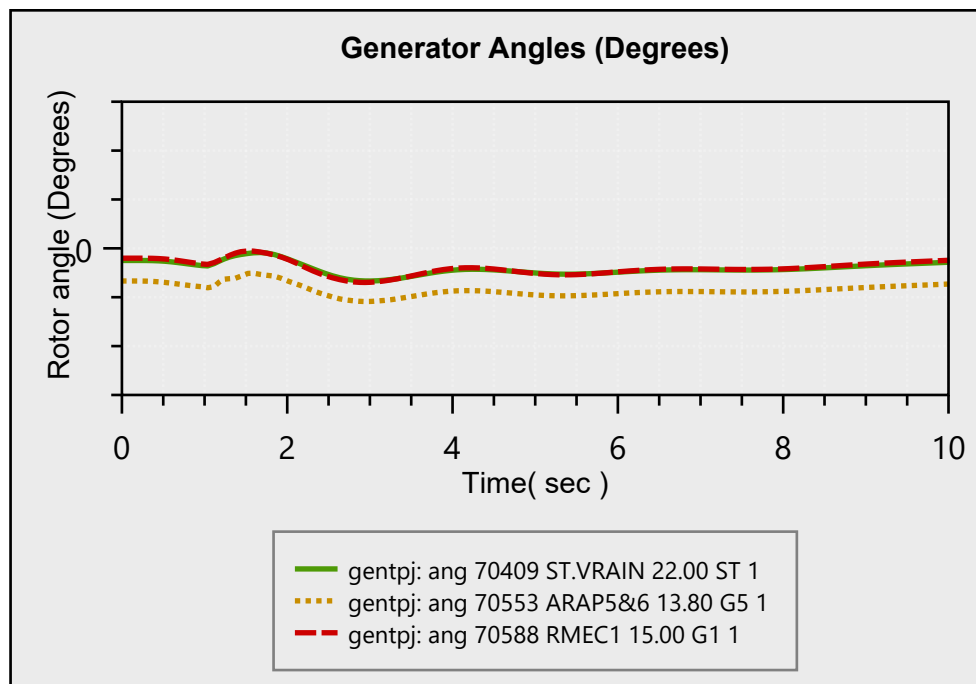
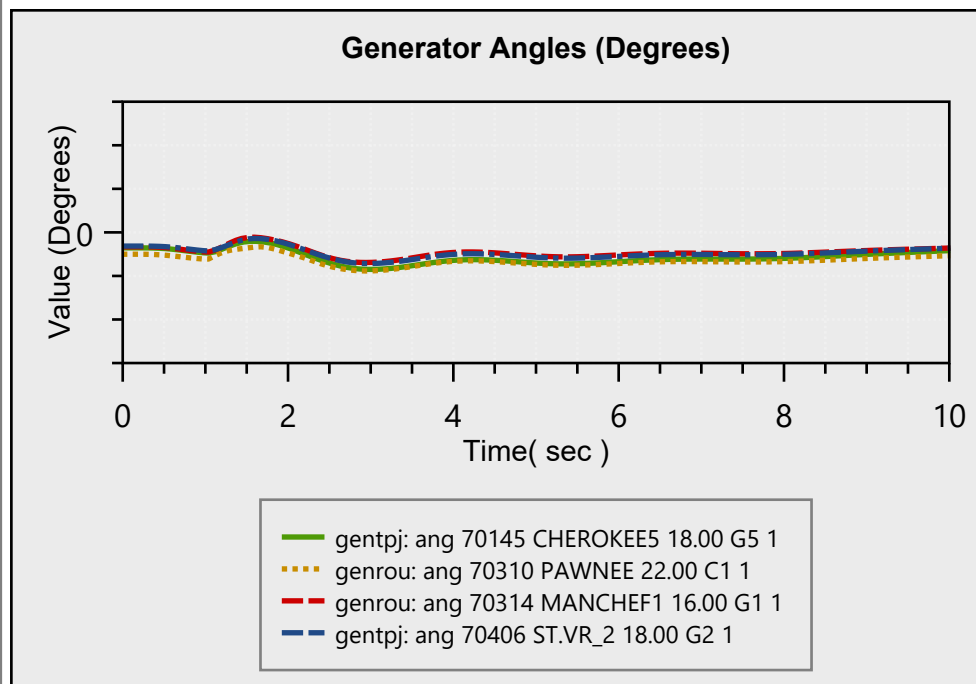
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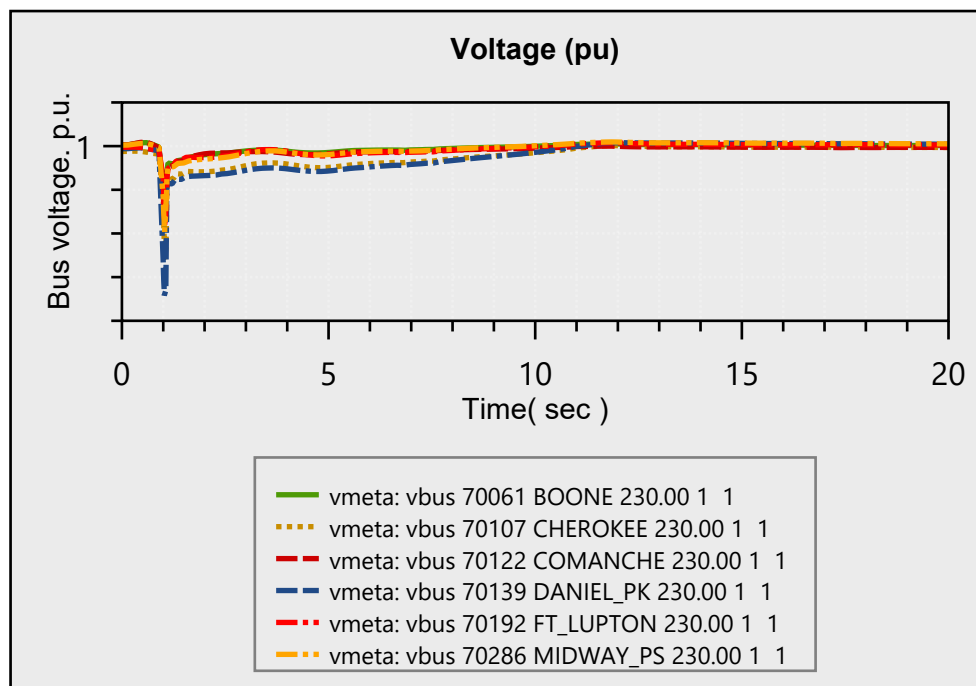
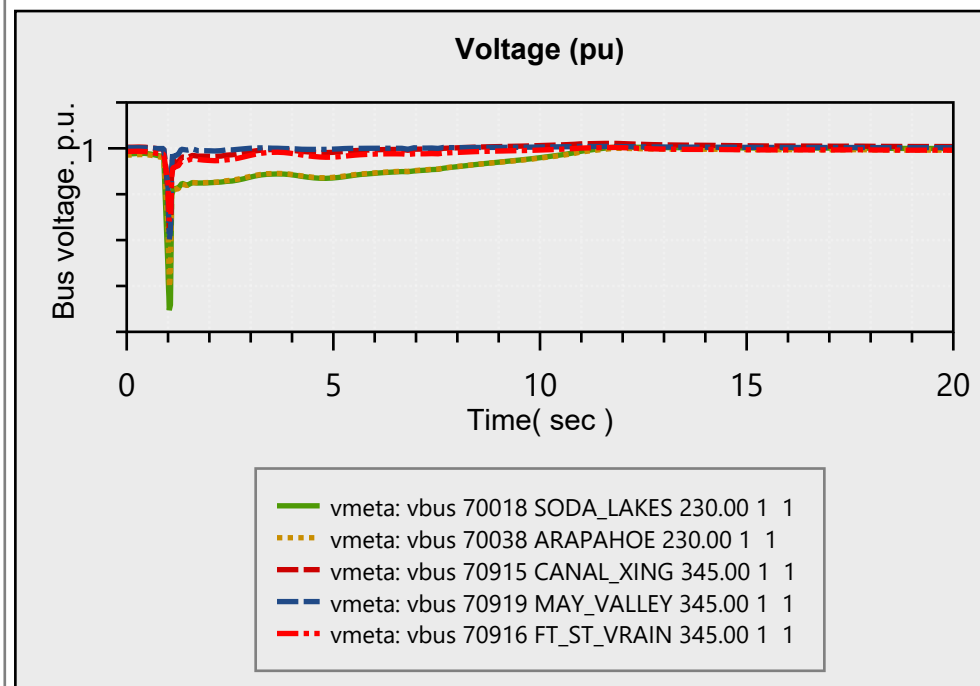
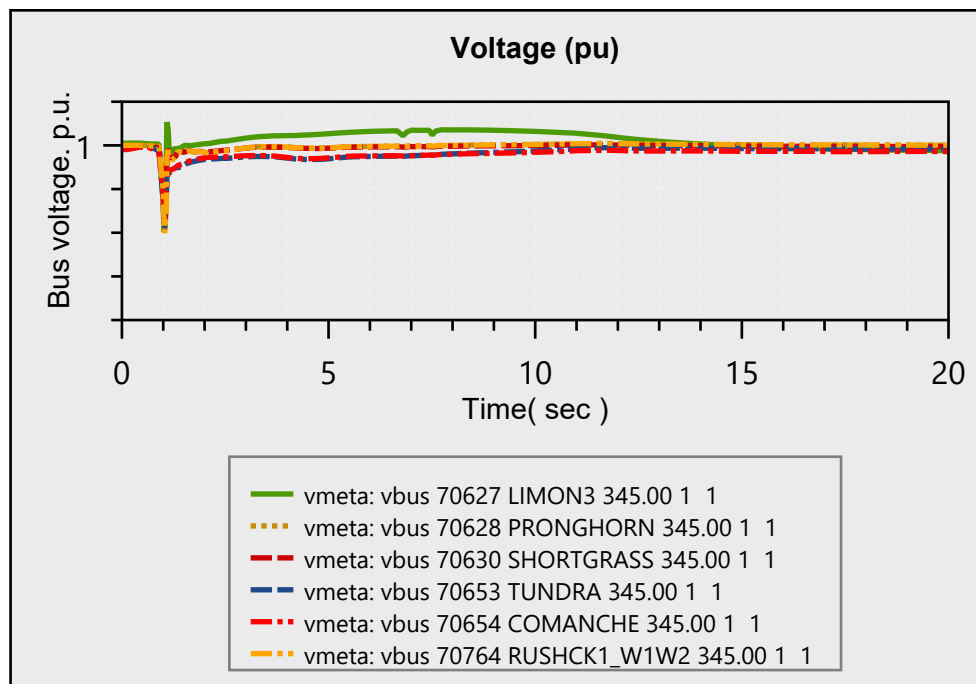
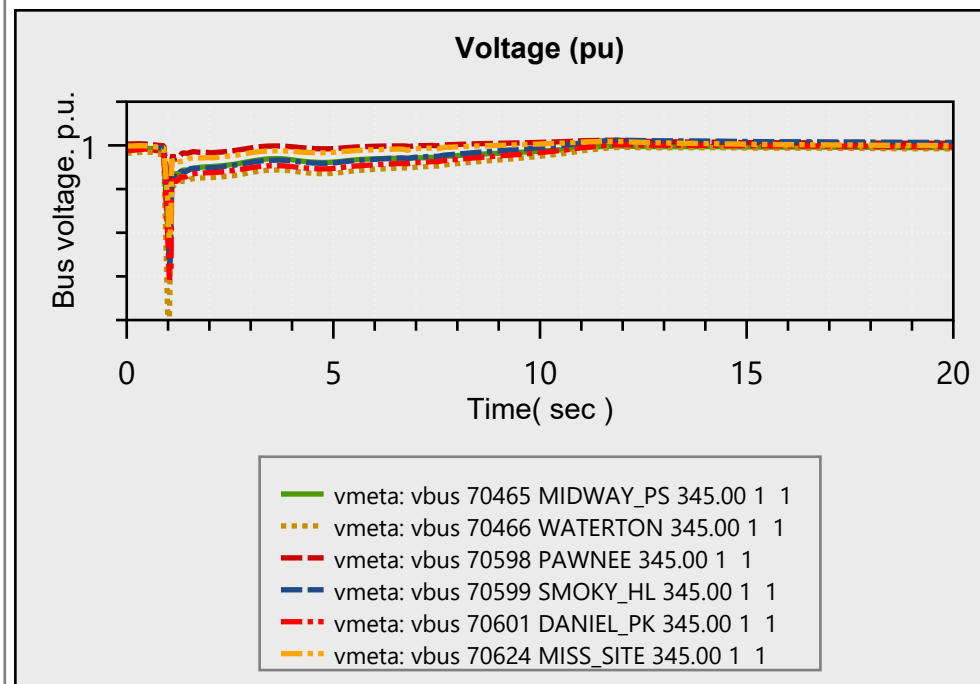
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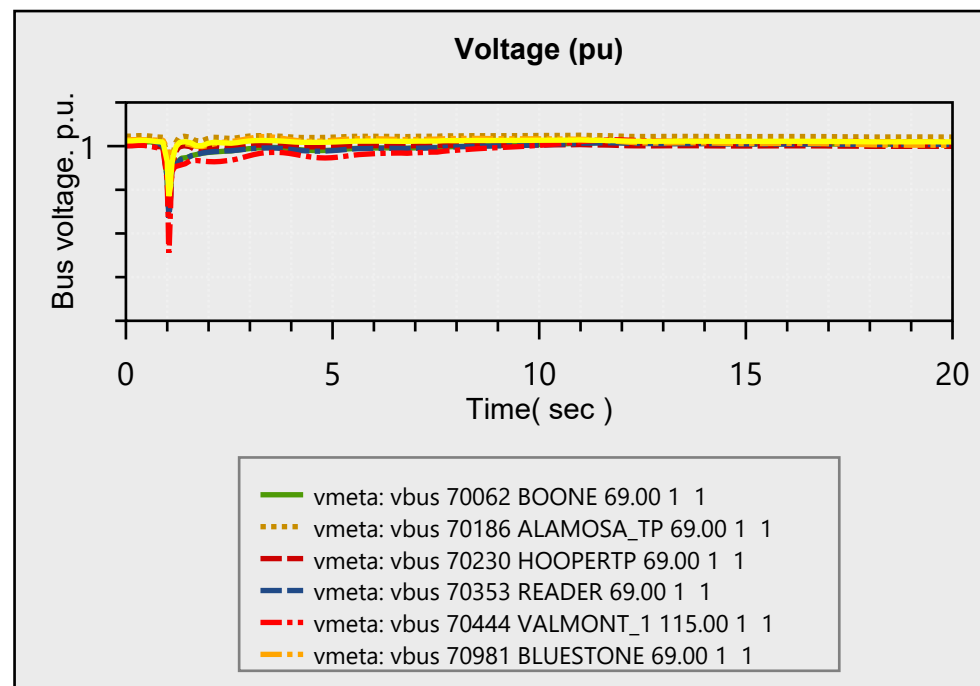
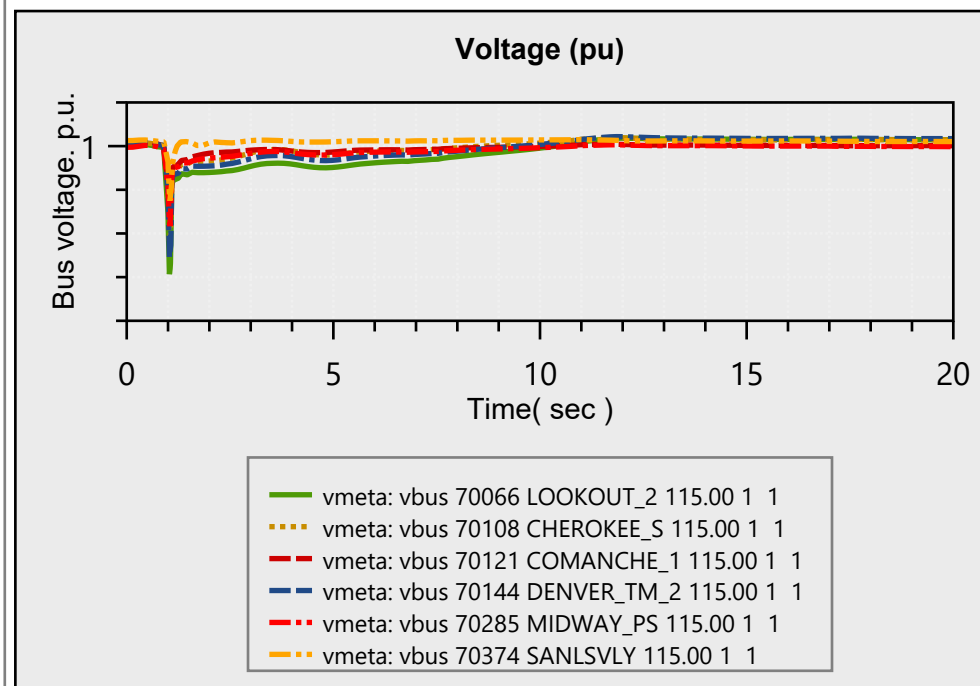
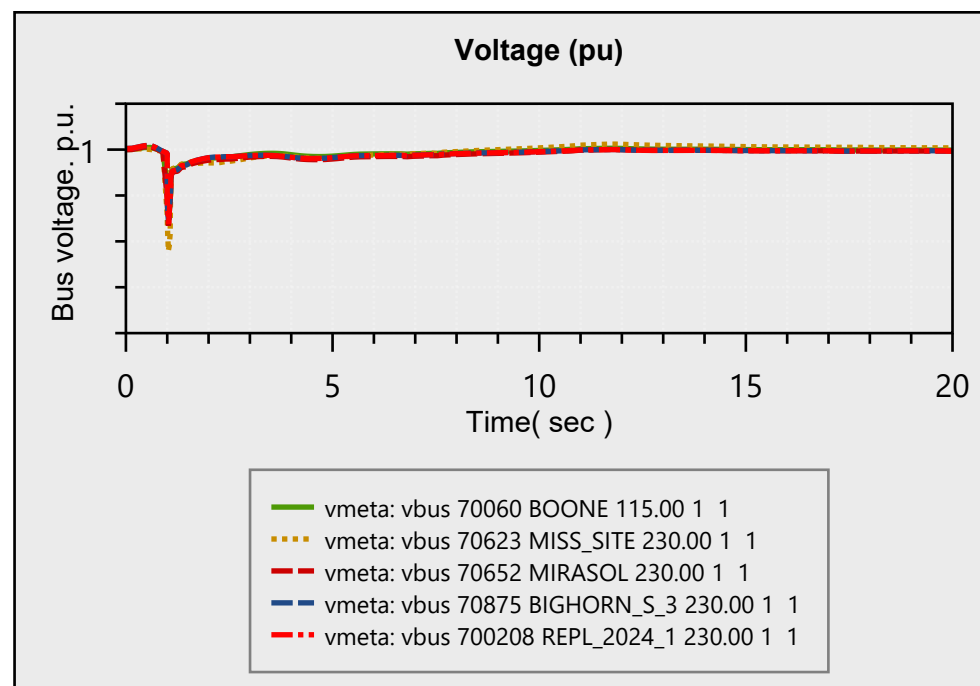
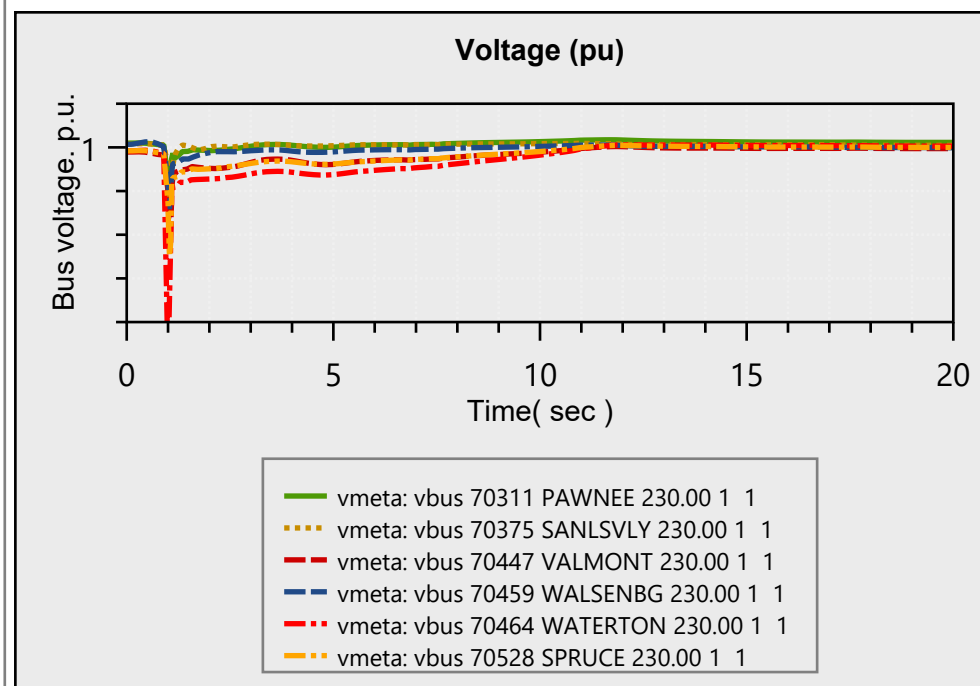
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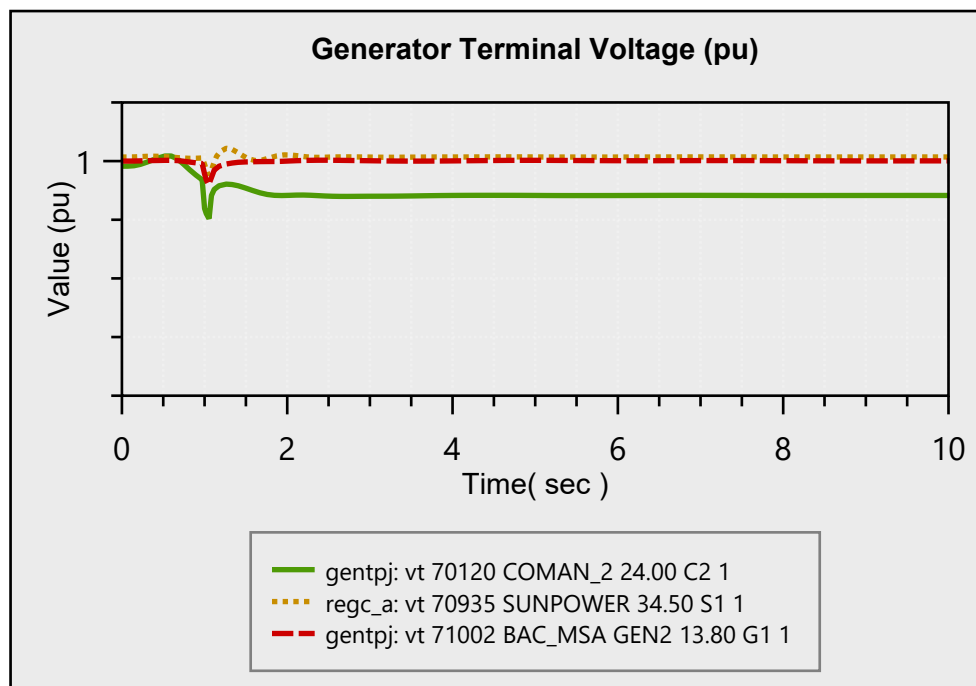
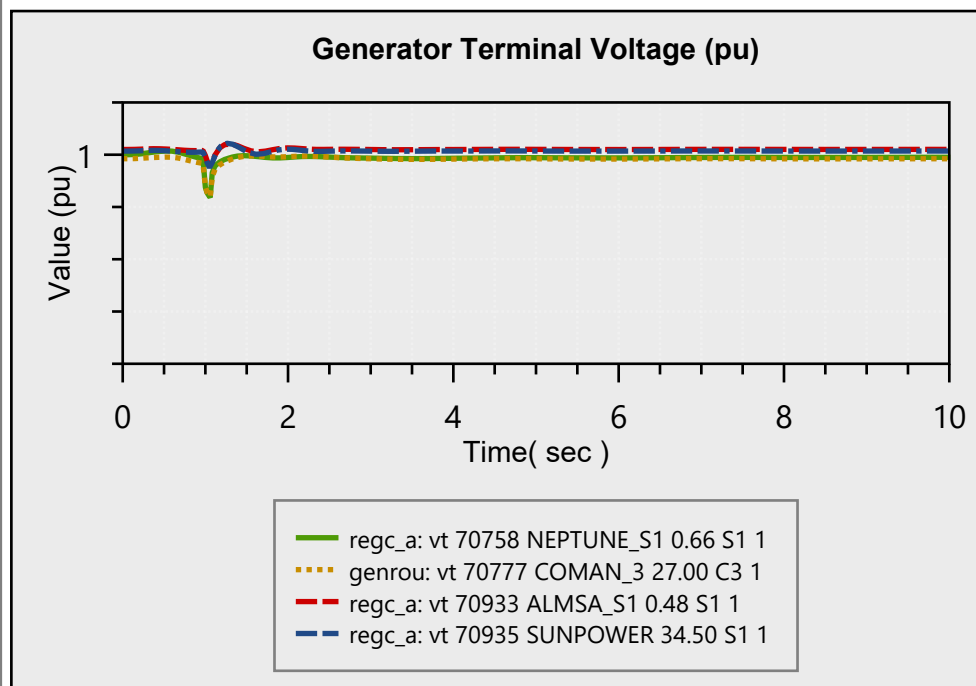
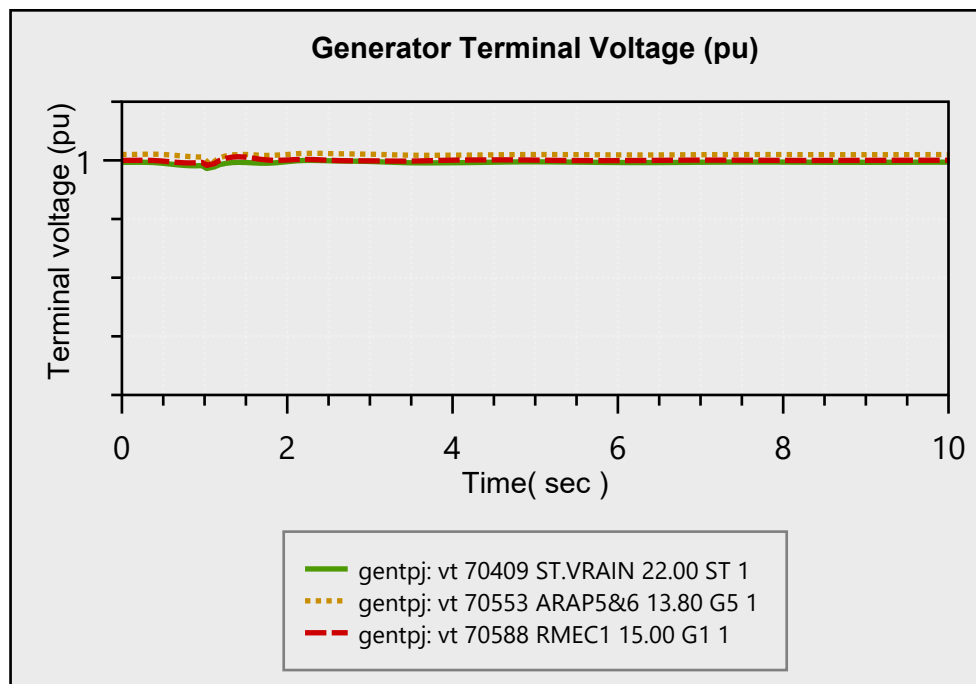
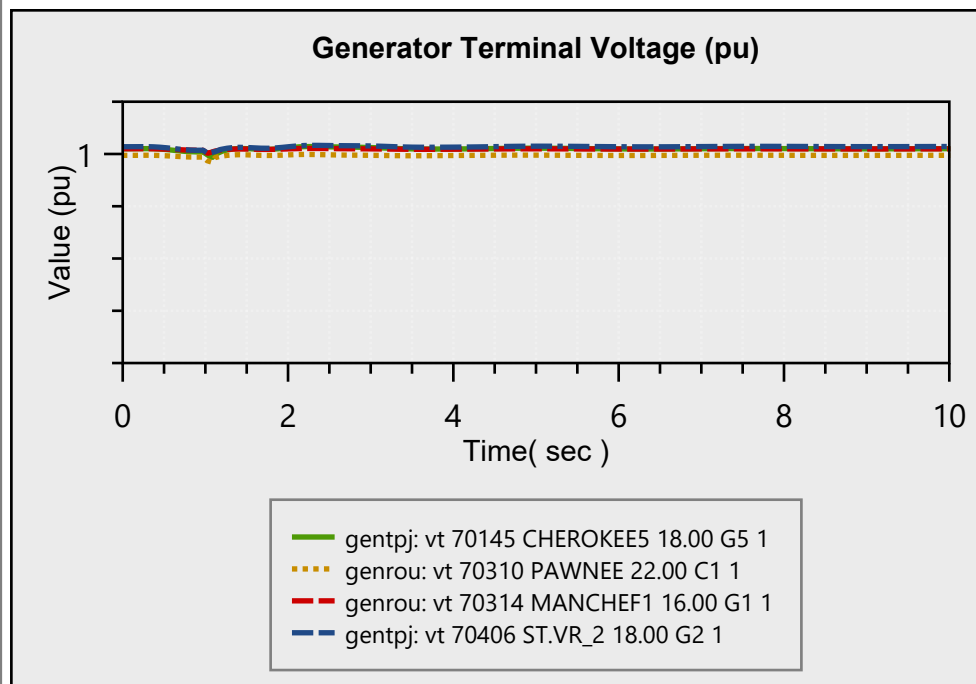
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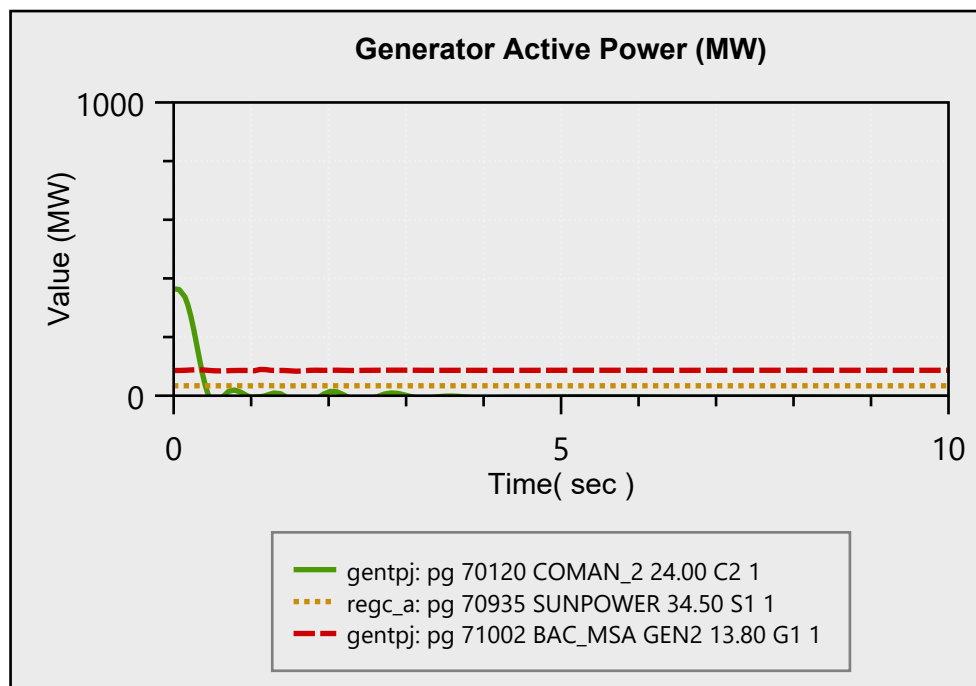
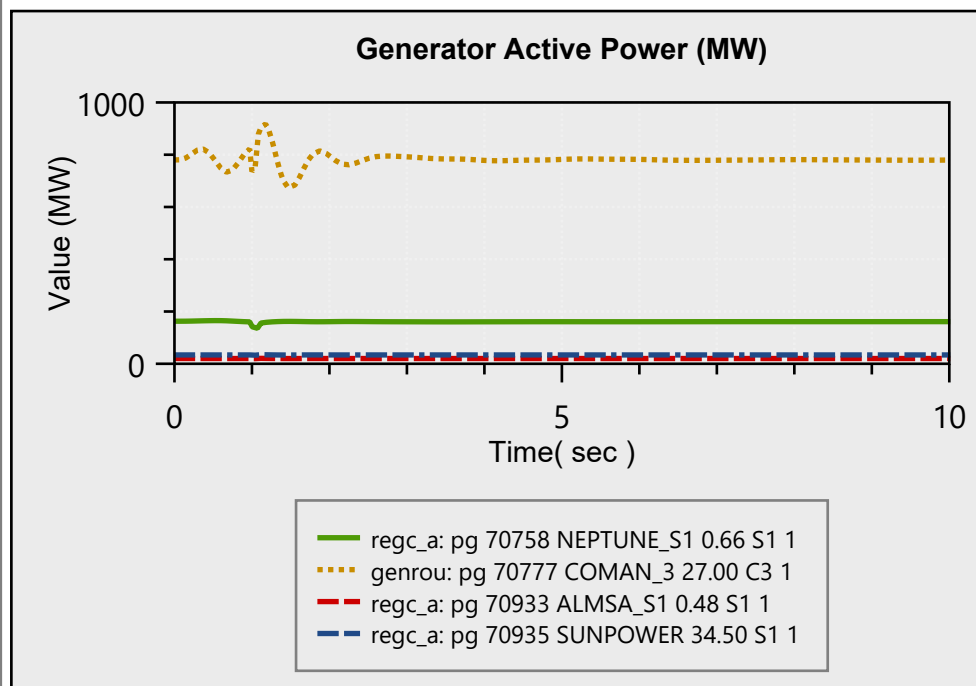
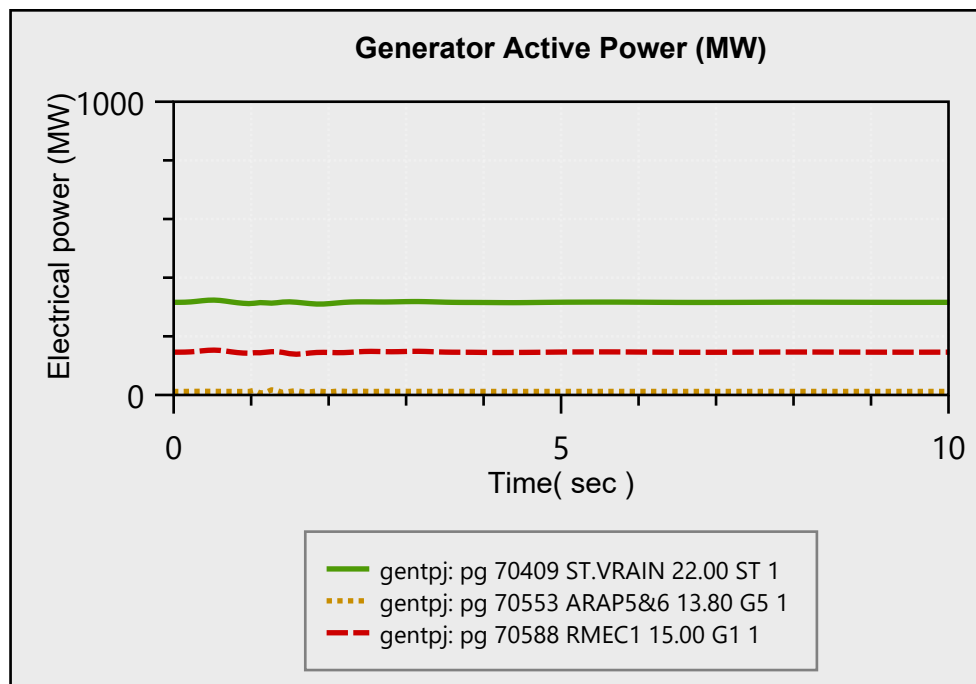
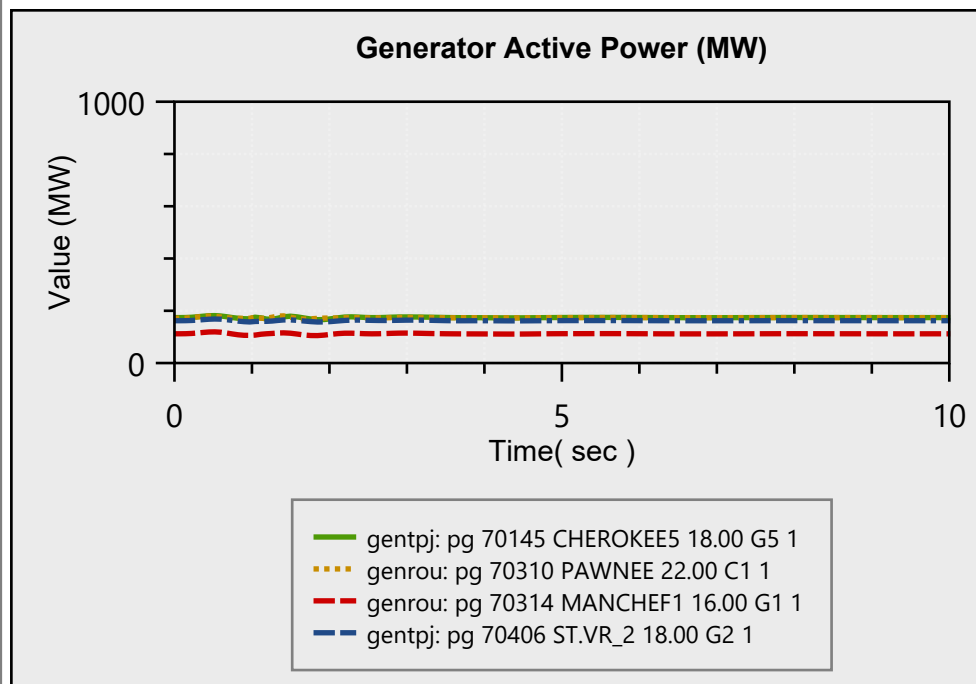
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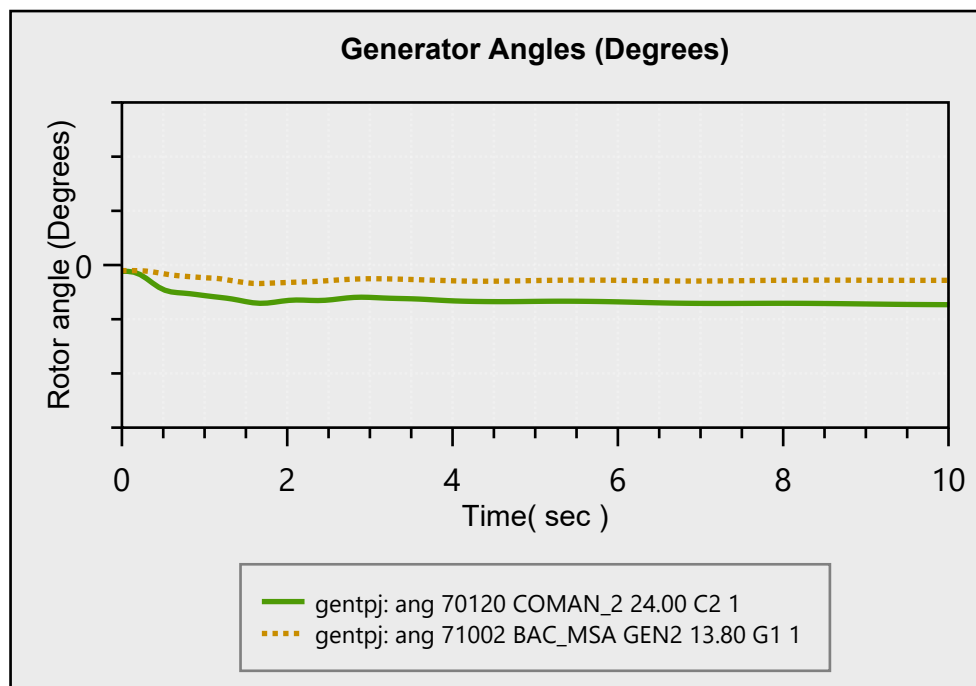
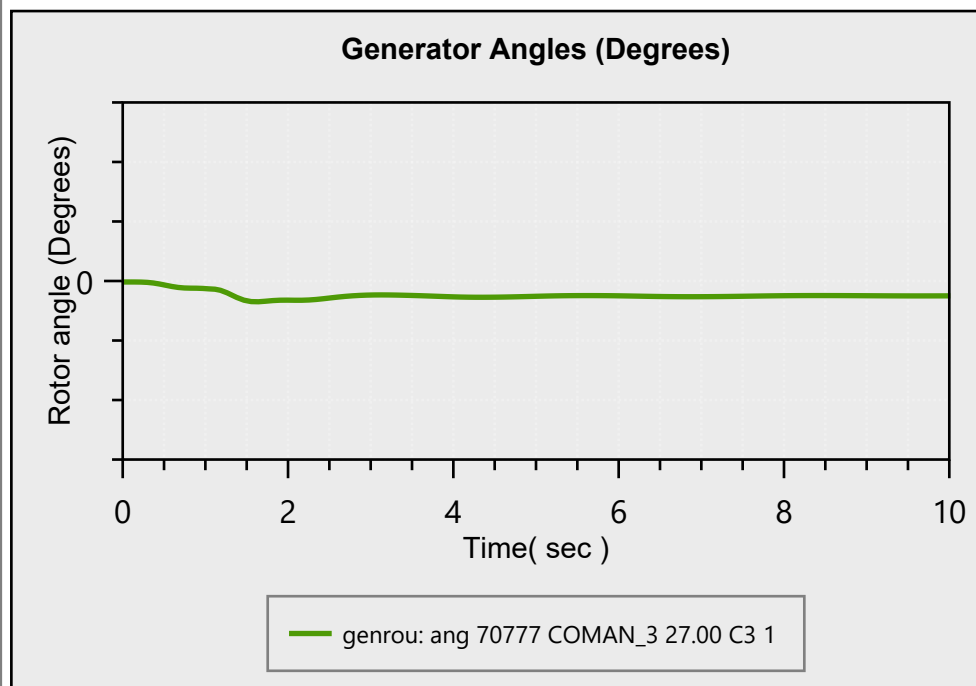
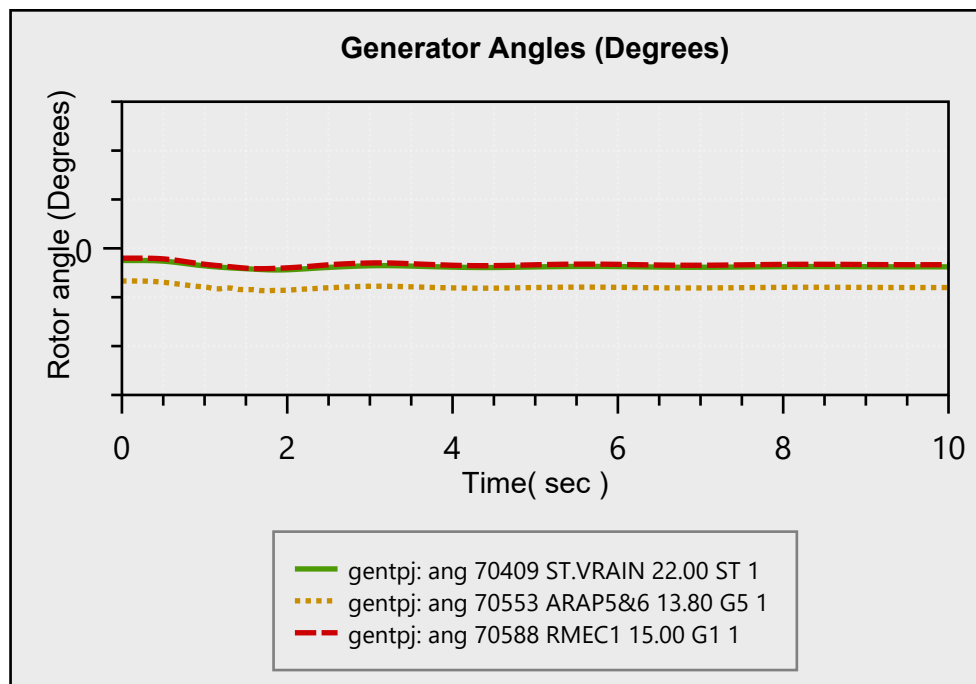
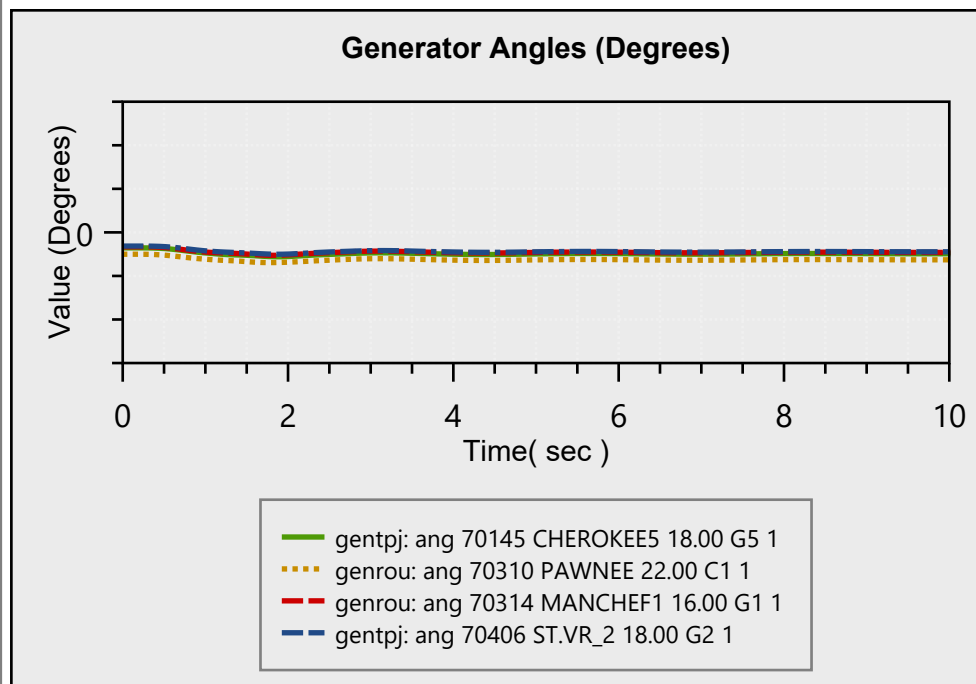
OUTPUTS



OUTPUTS

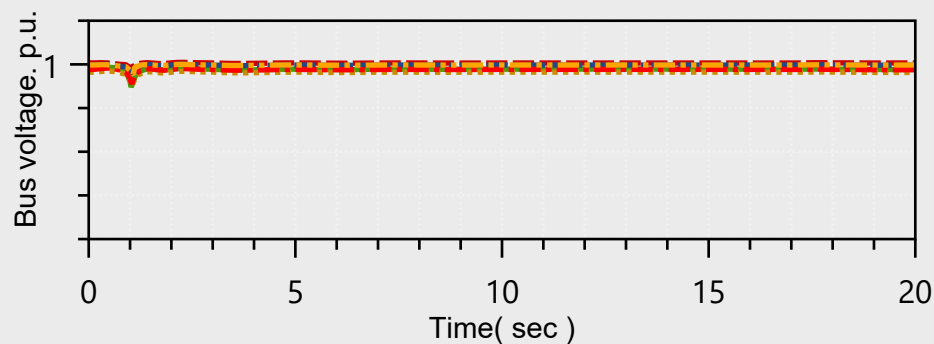


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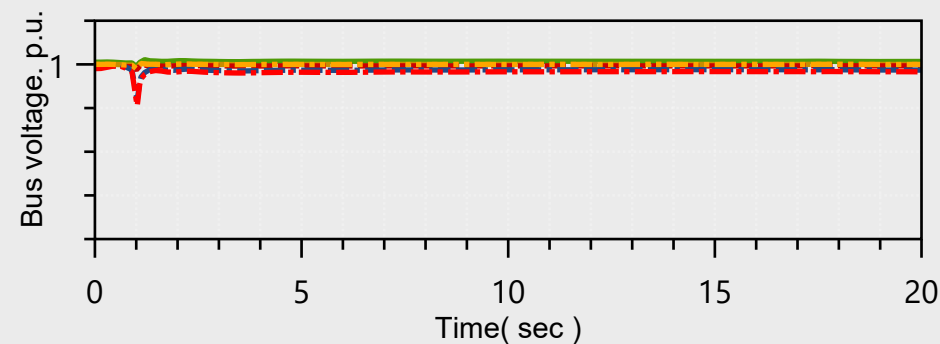


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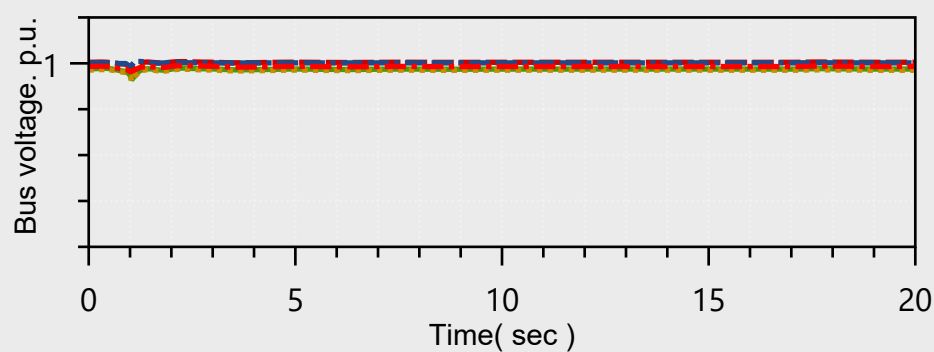
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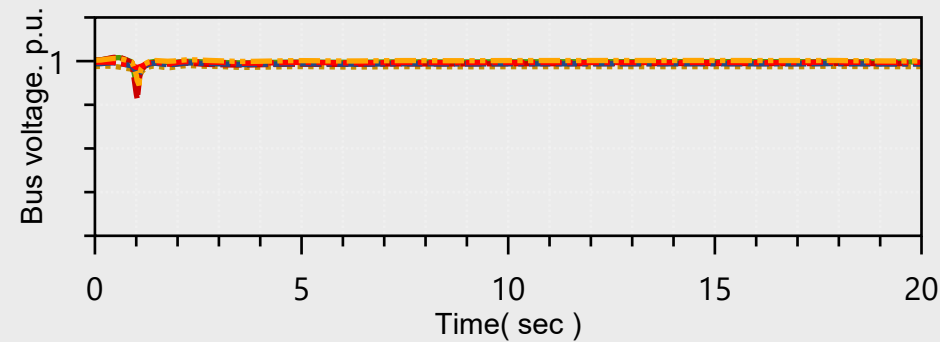
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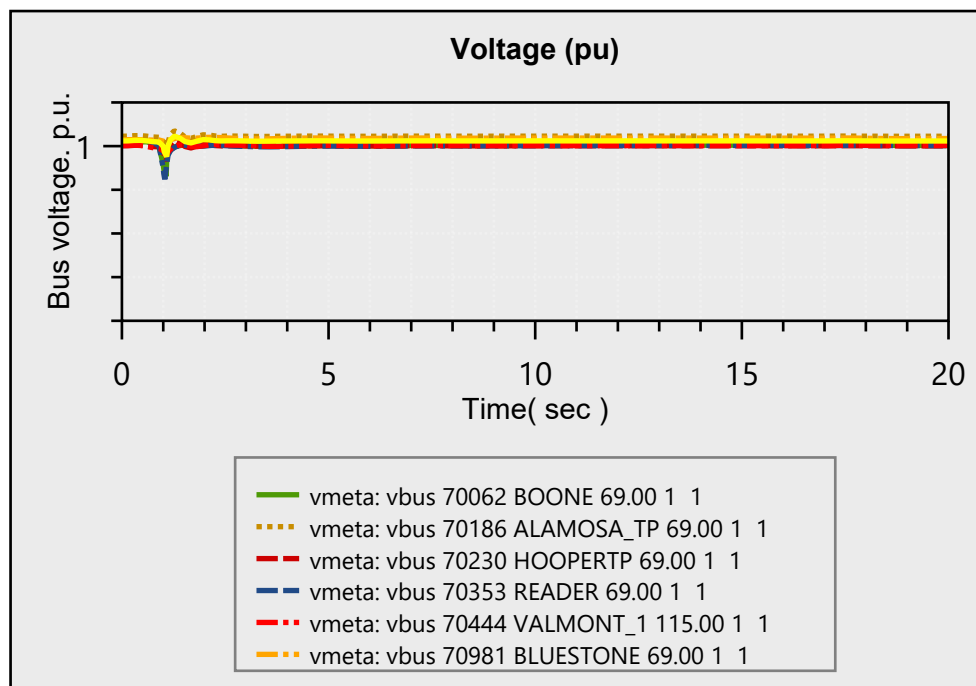
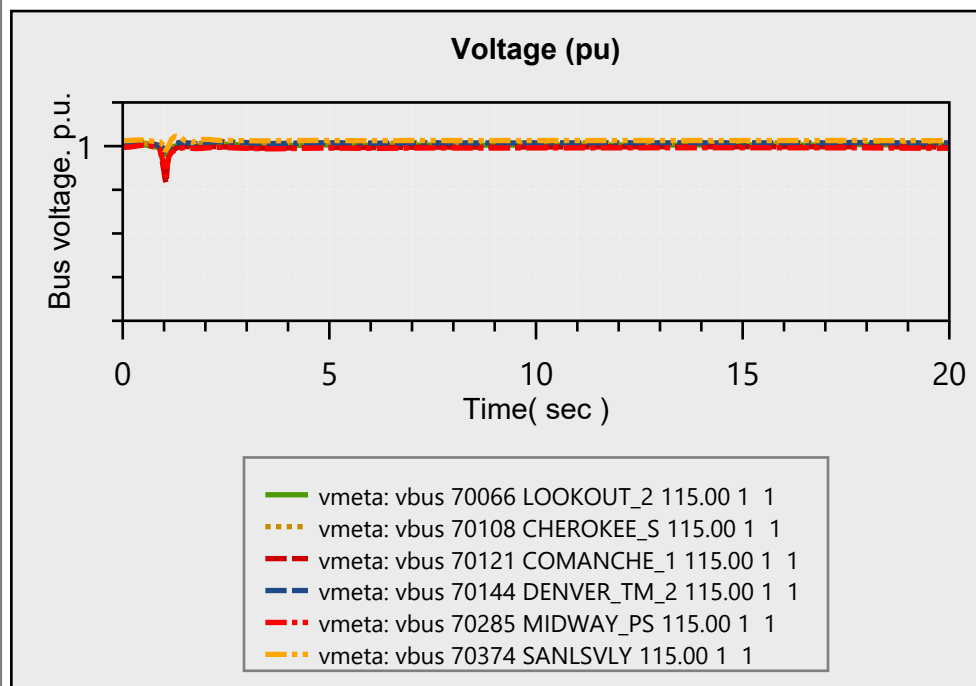
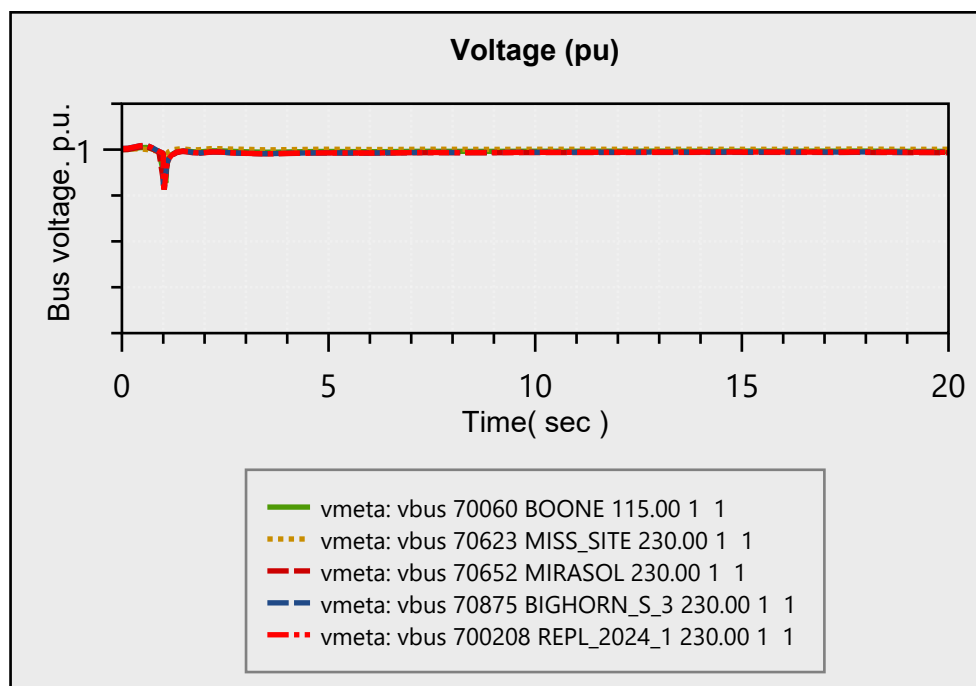
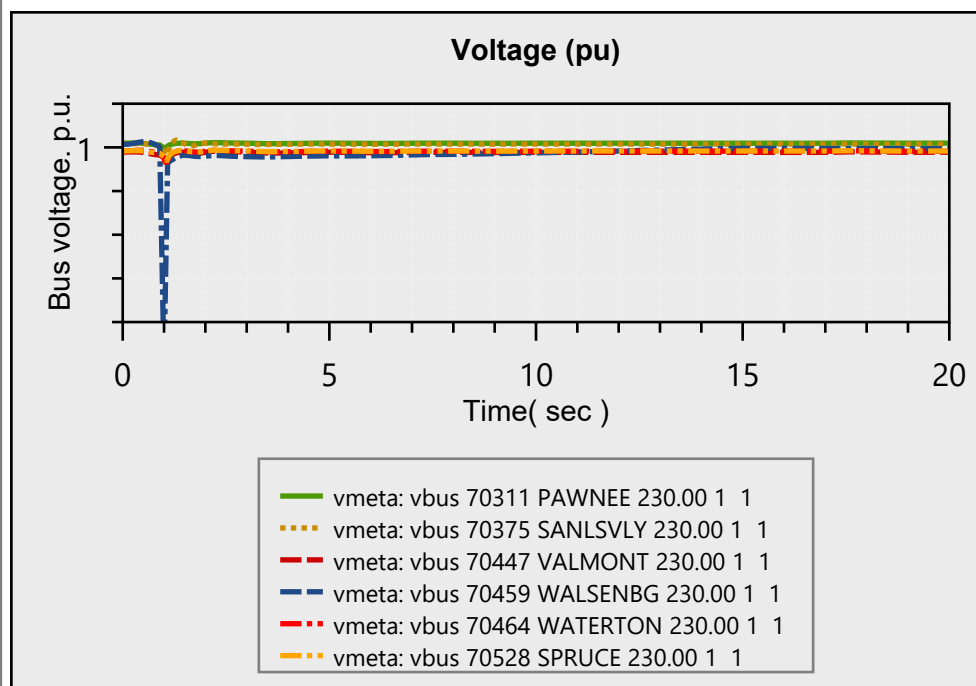
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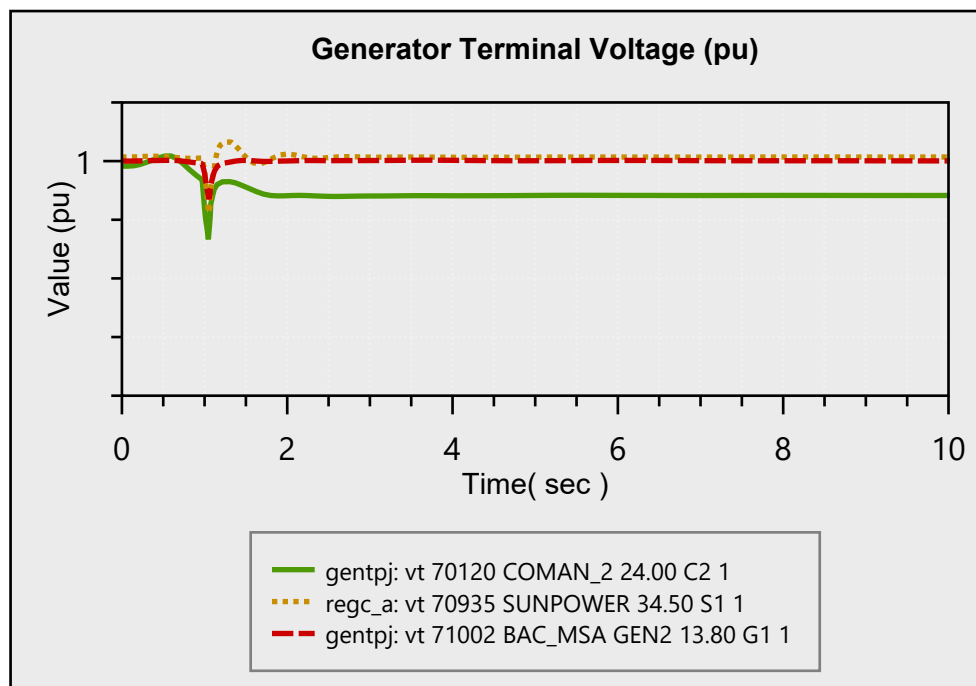
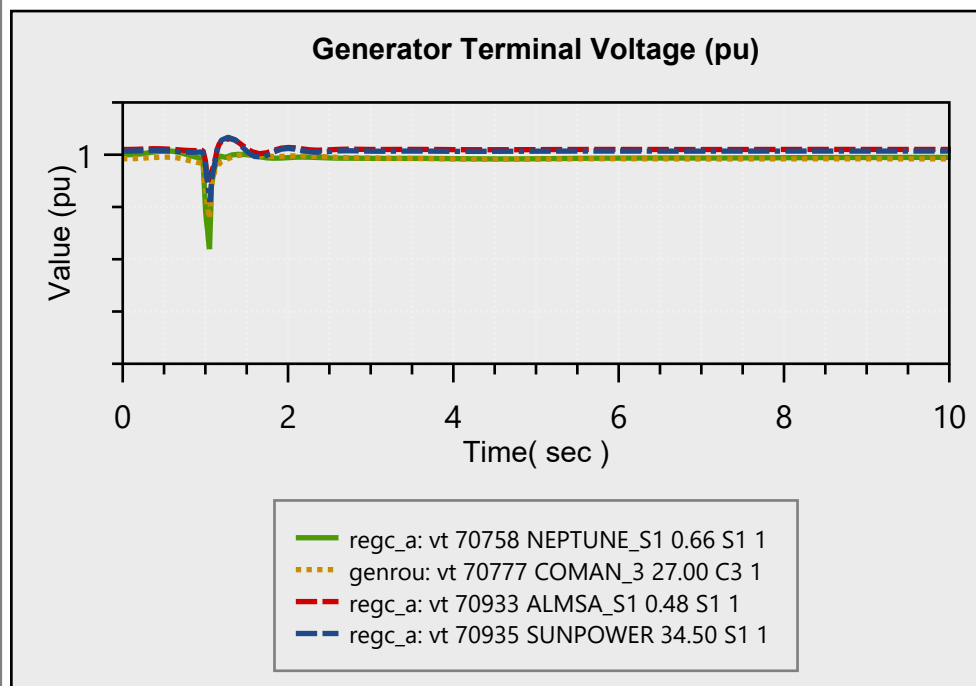
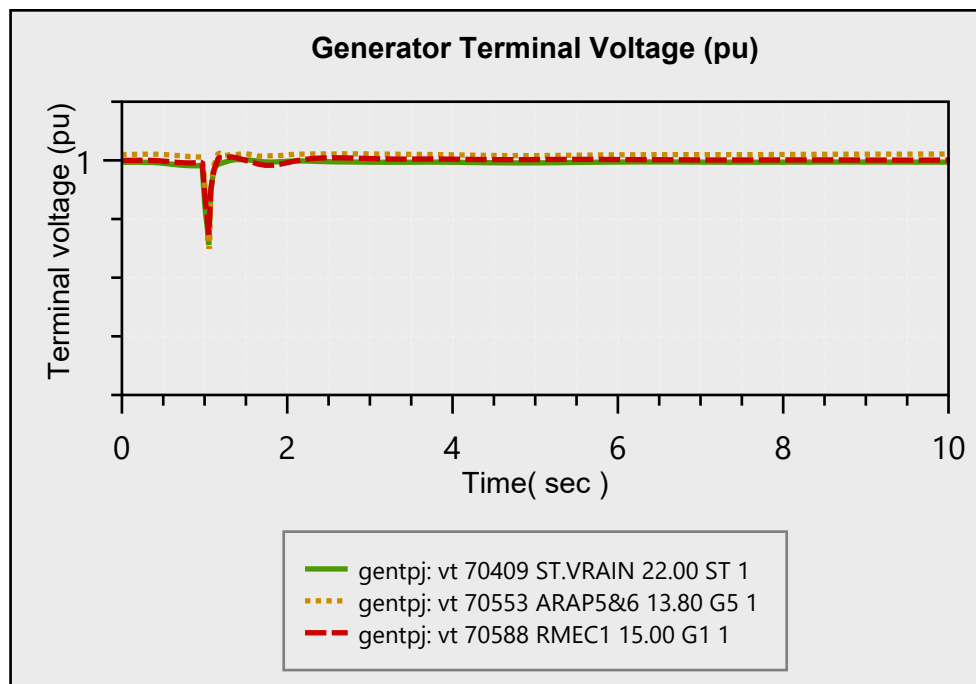
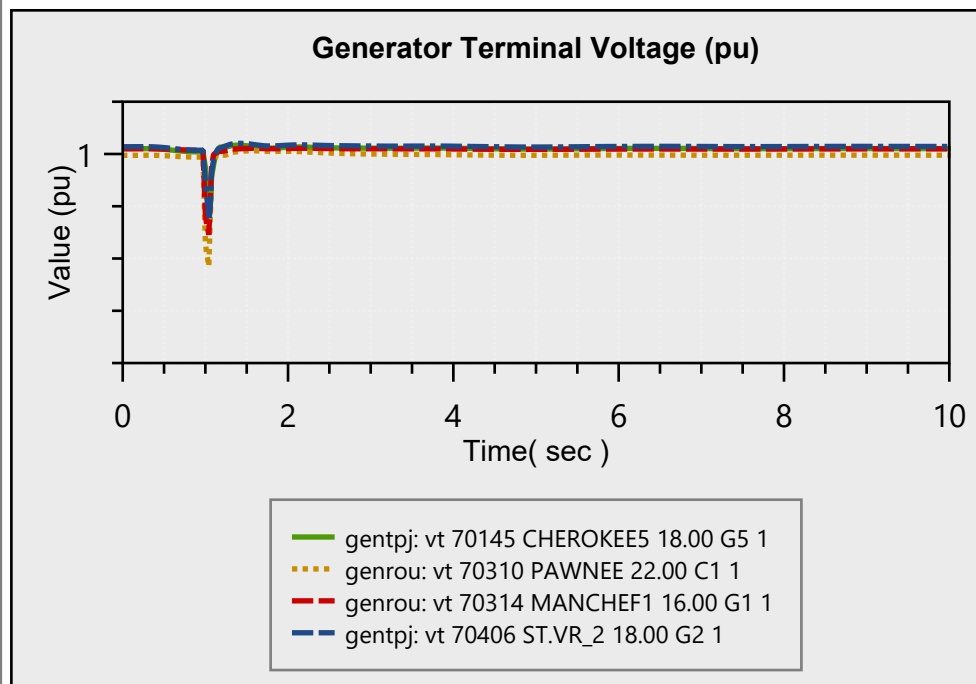
Voltage (pu)



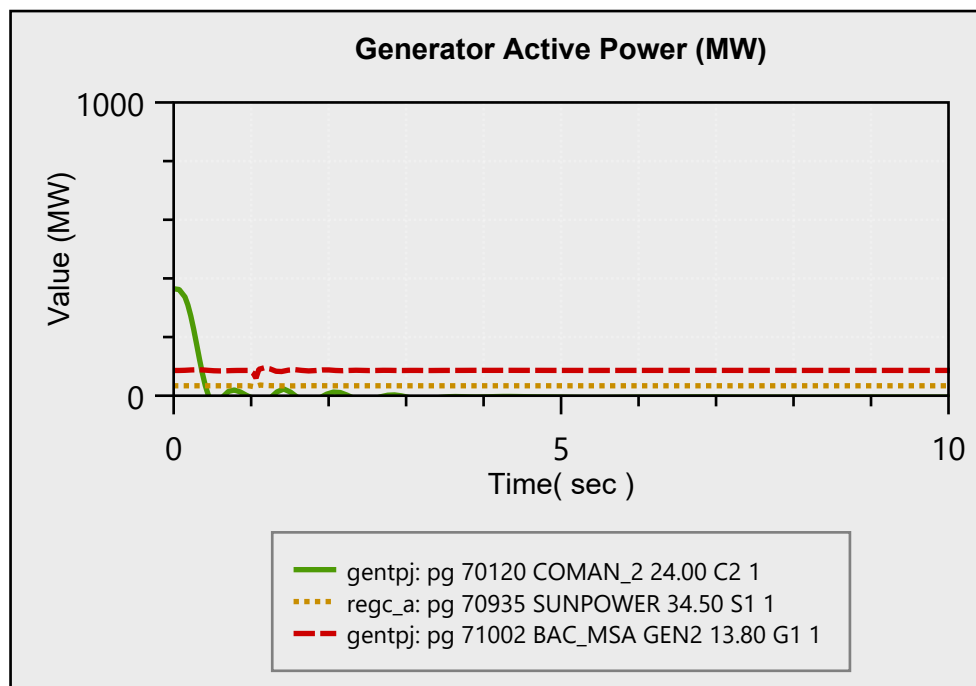
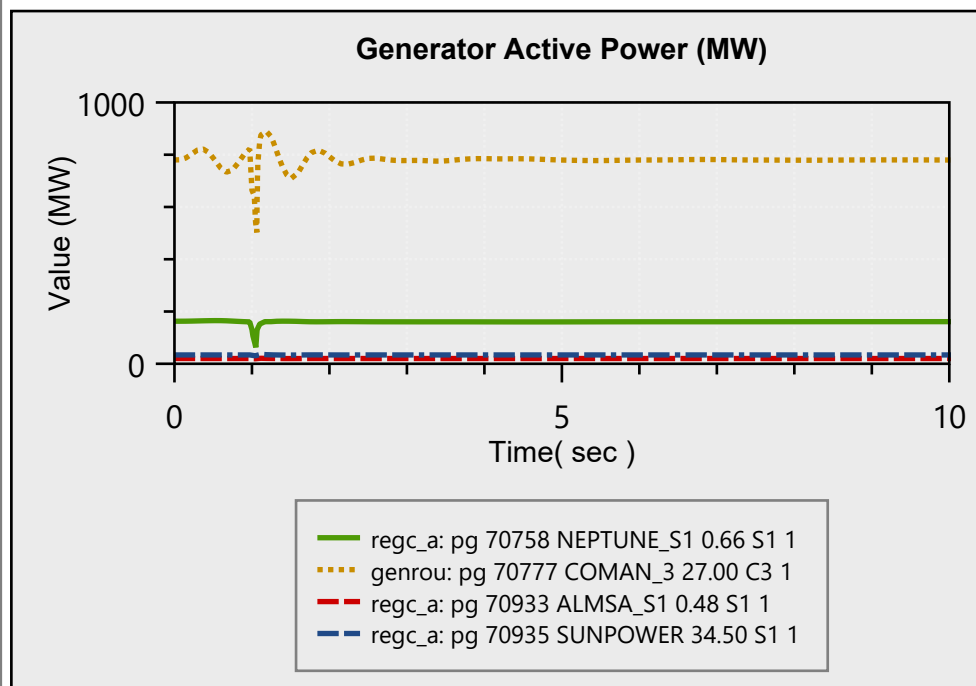
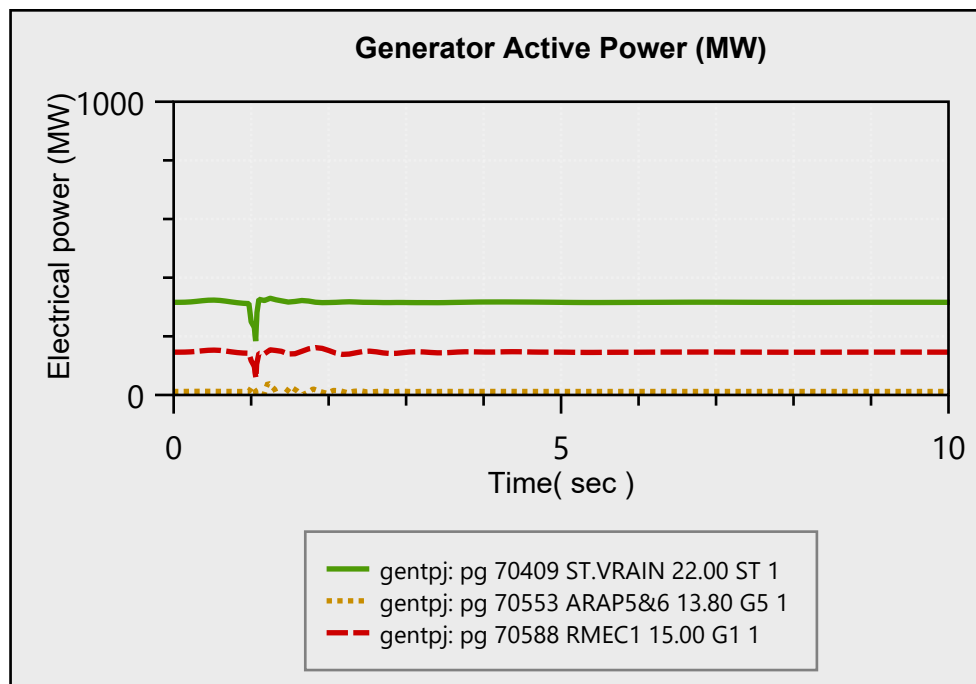
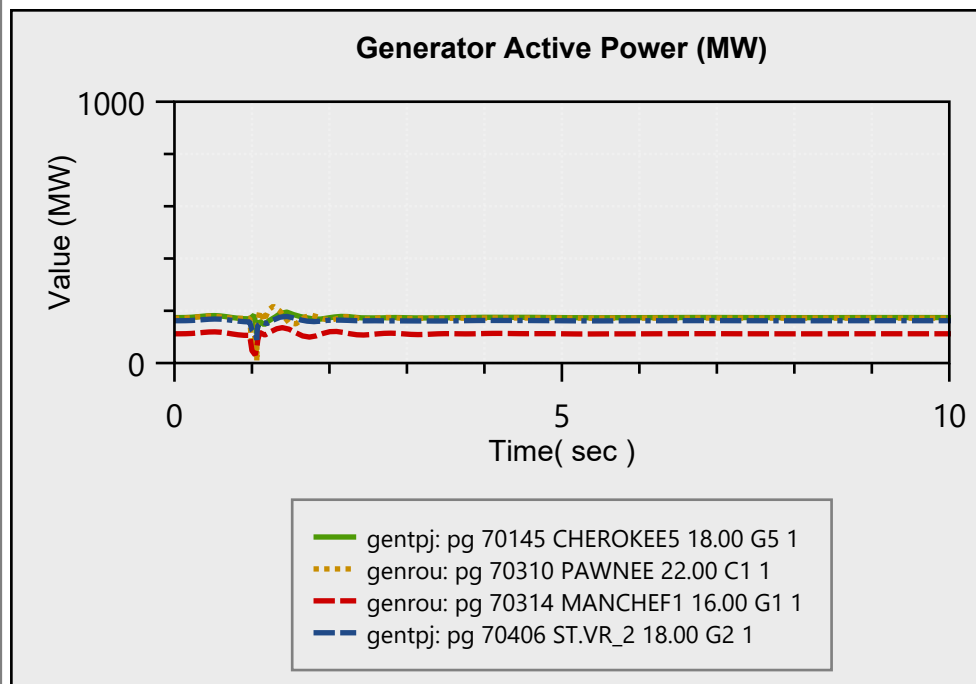
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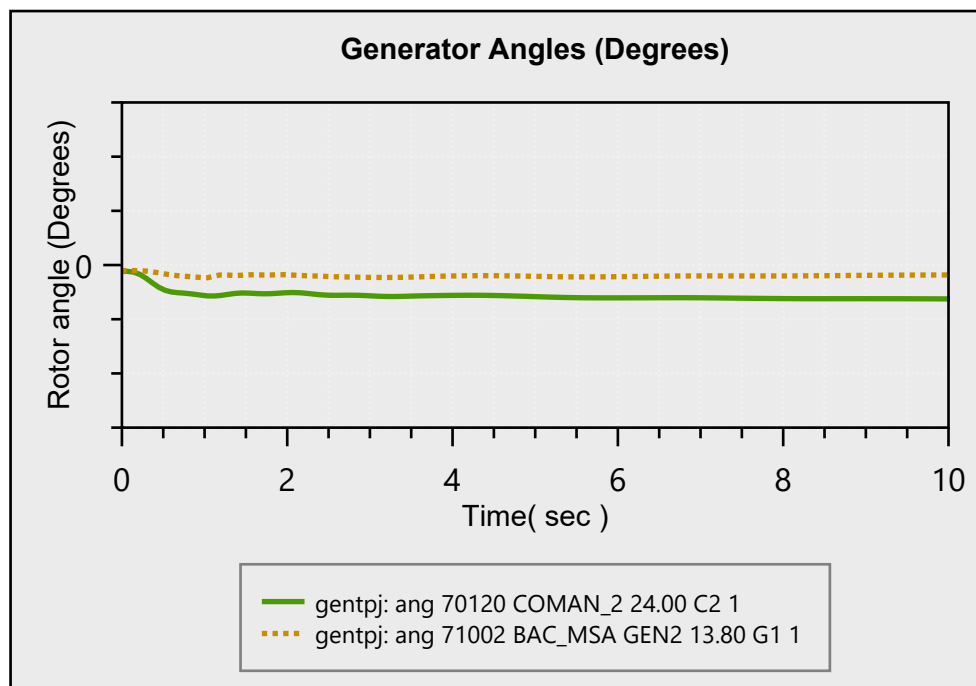
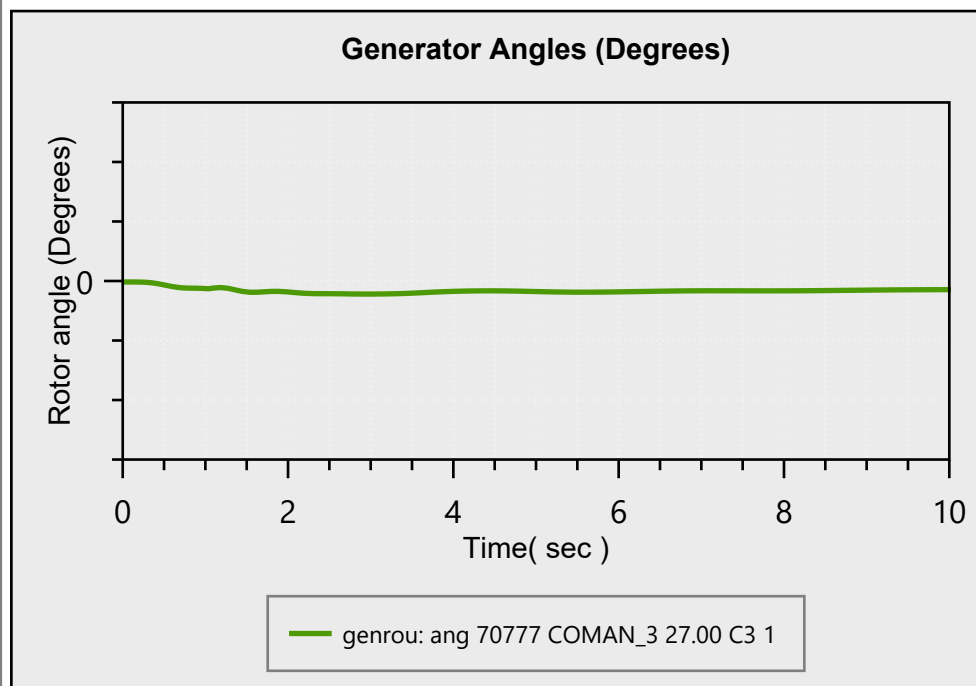
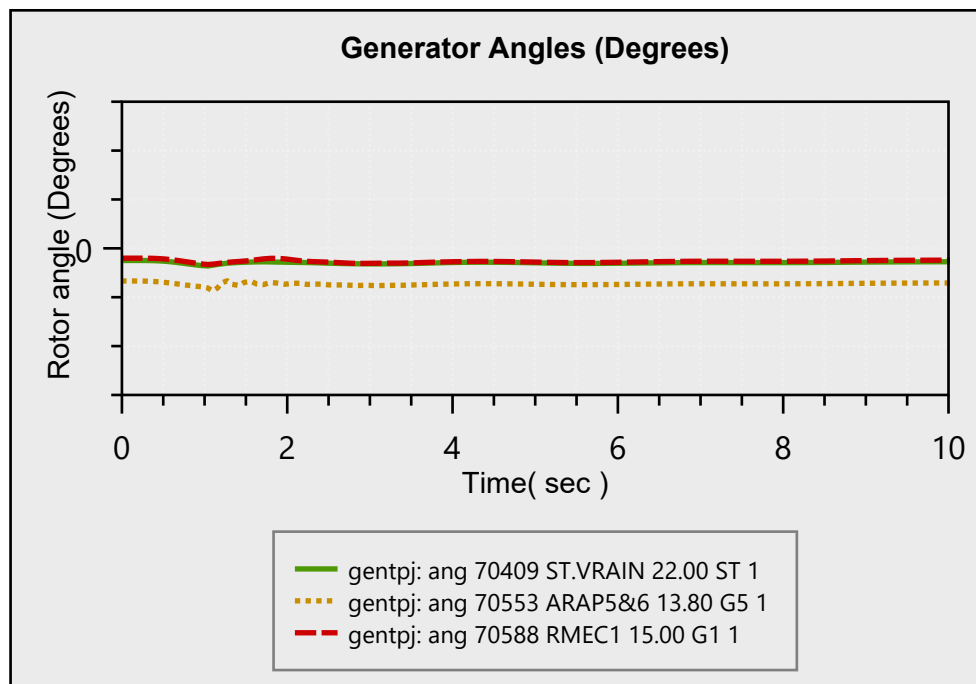
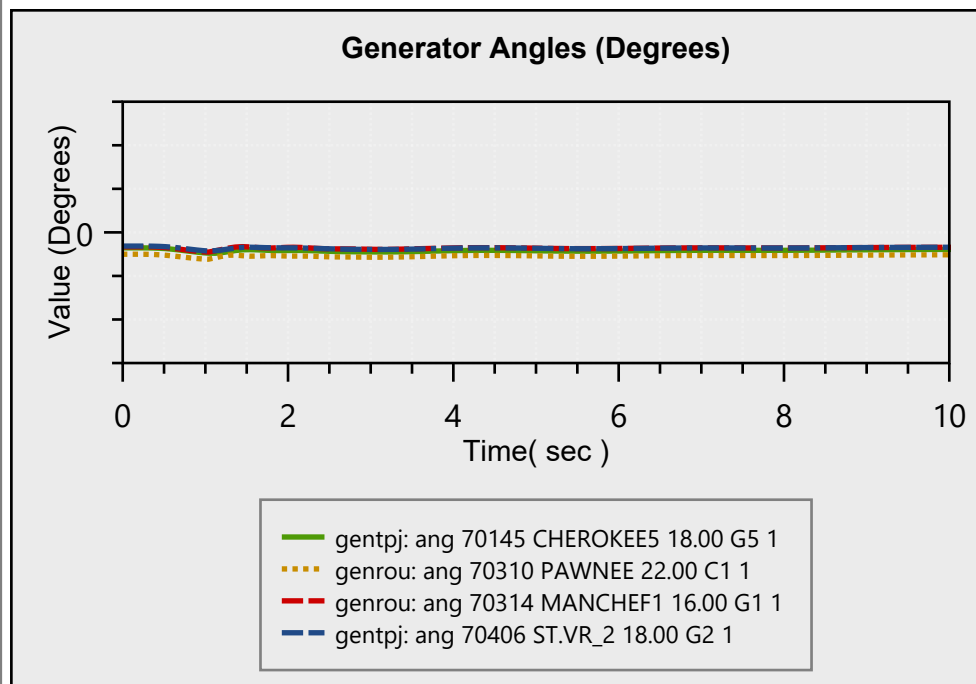
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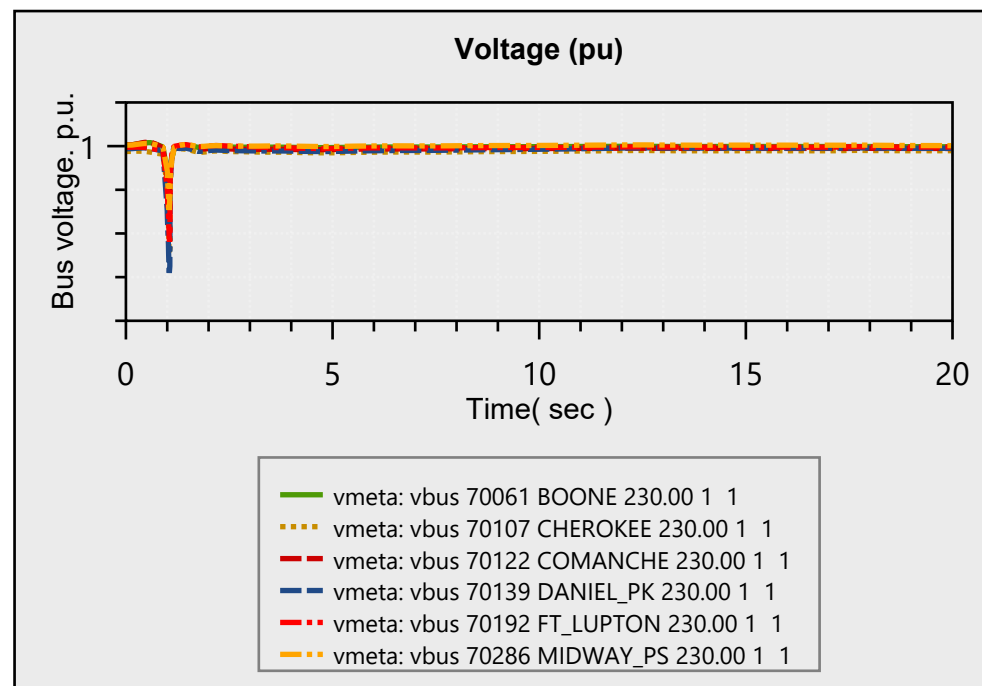
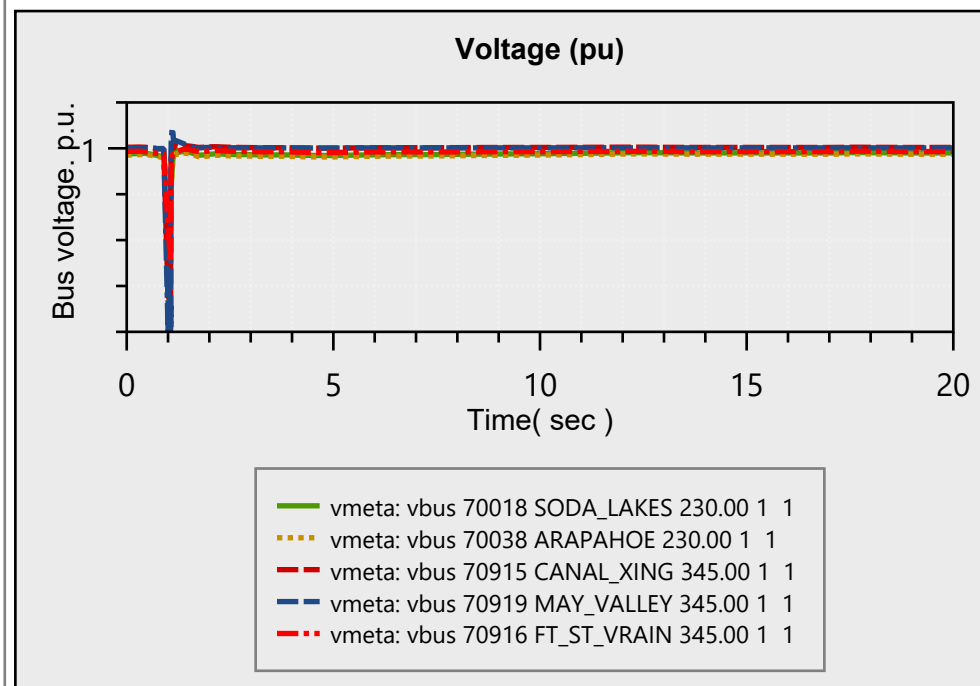
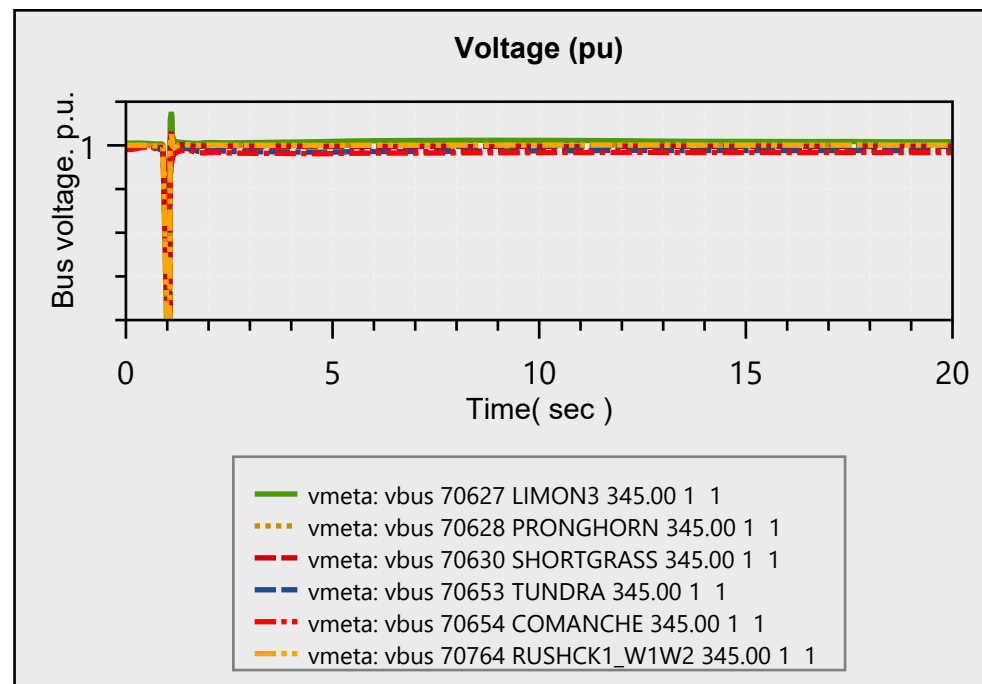
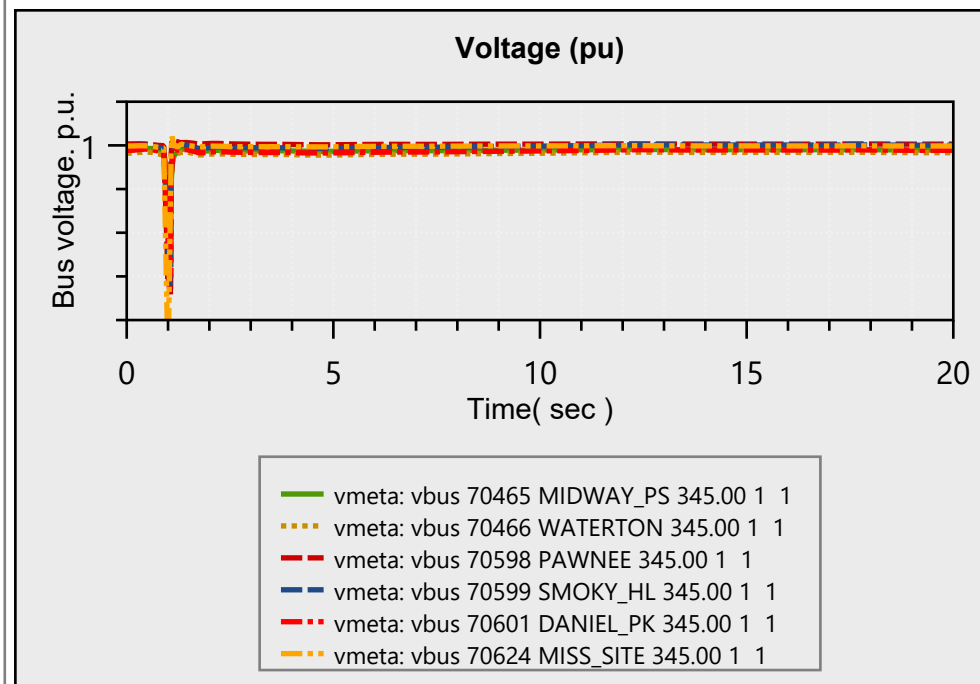
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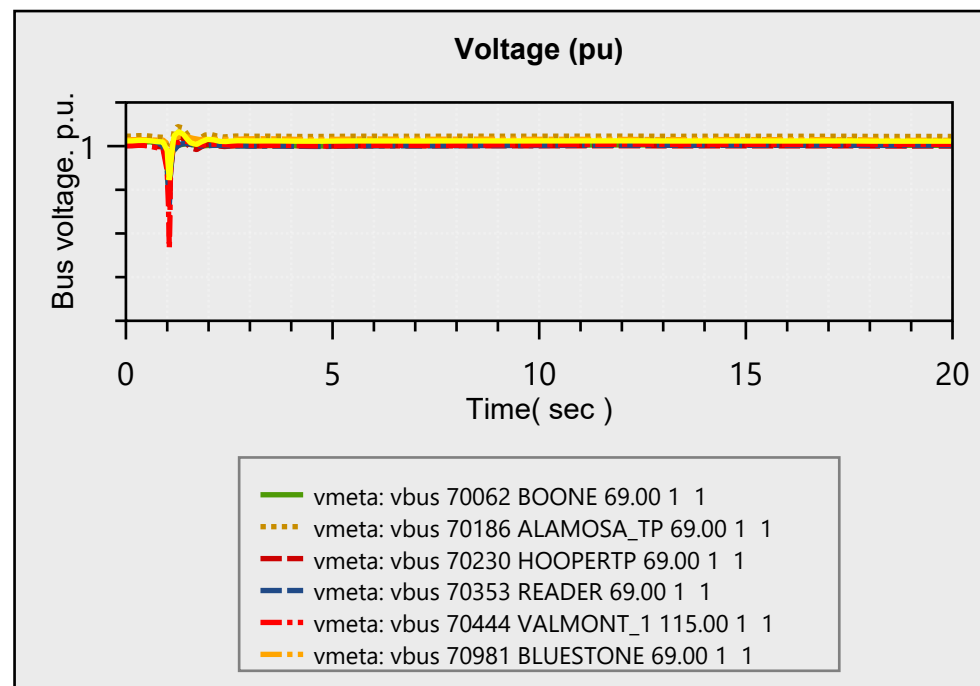
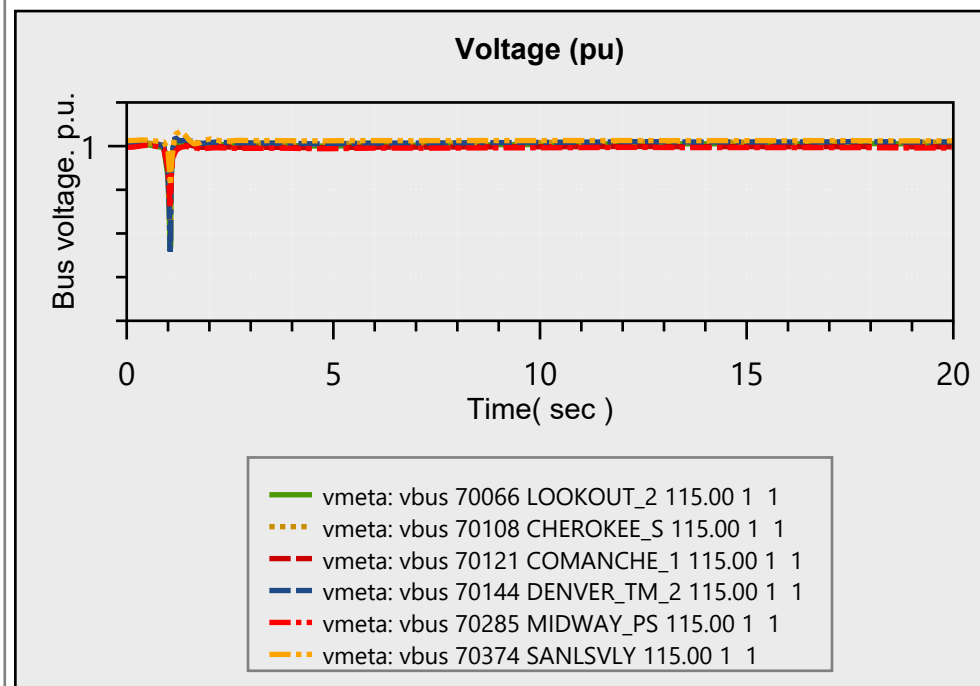
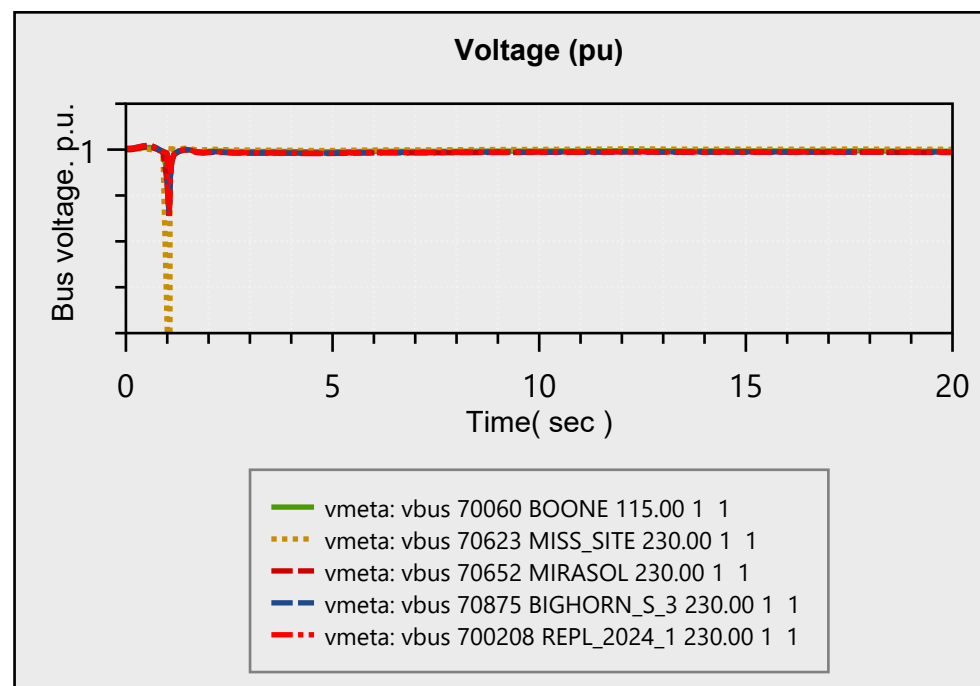
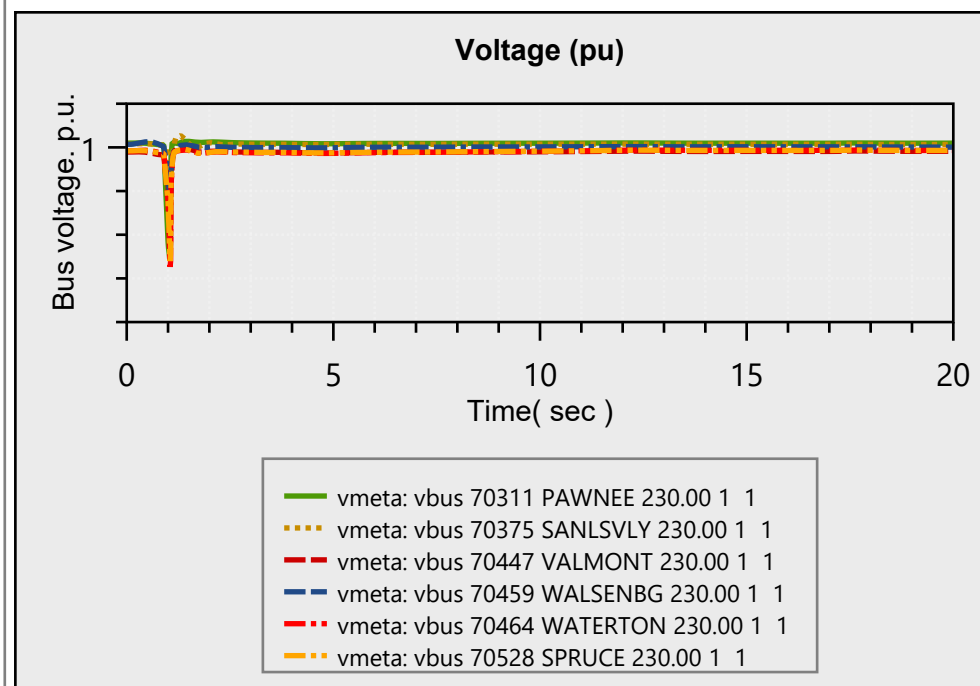
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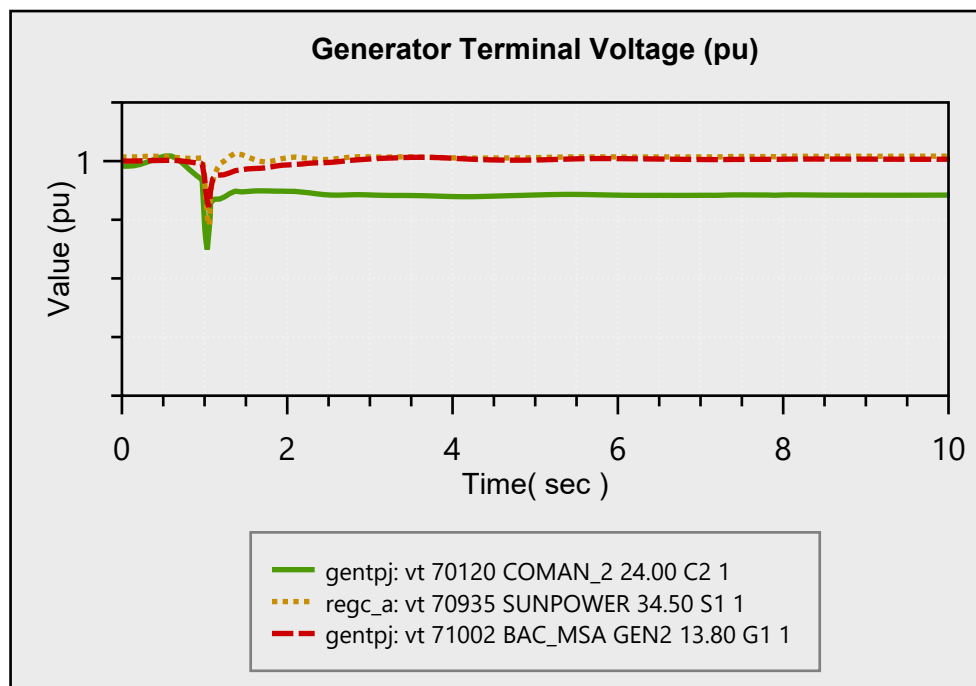
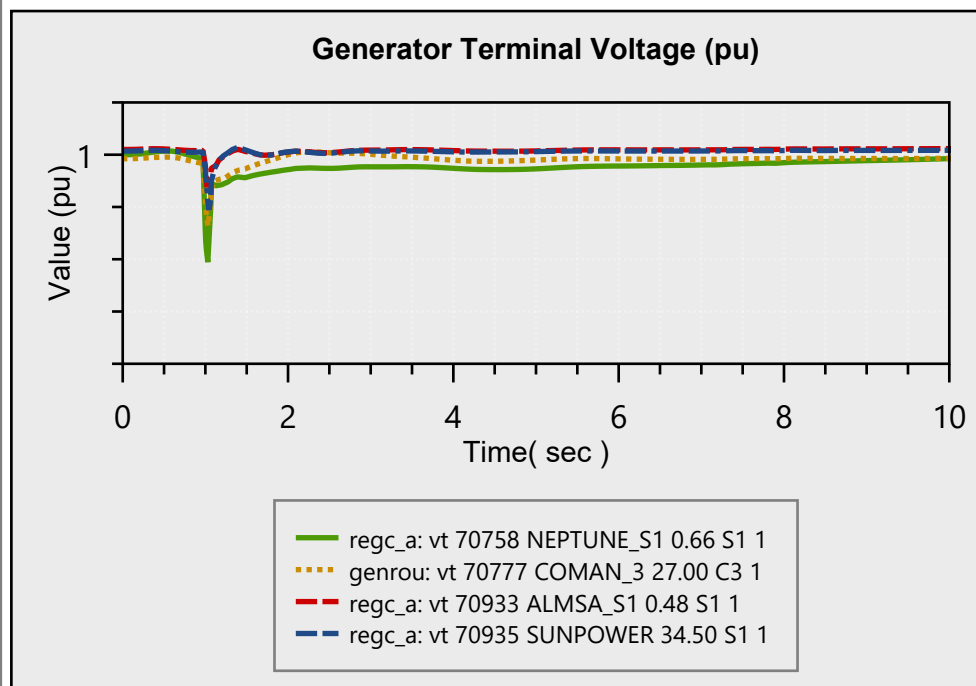
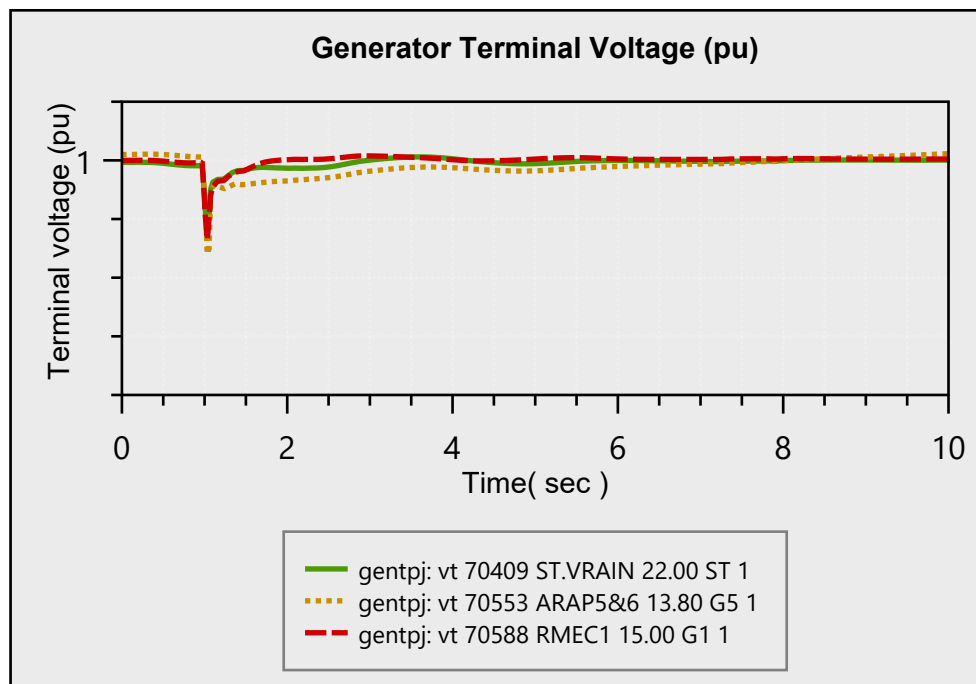
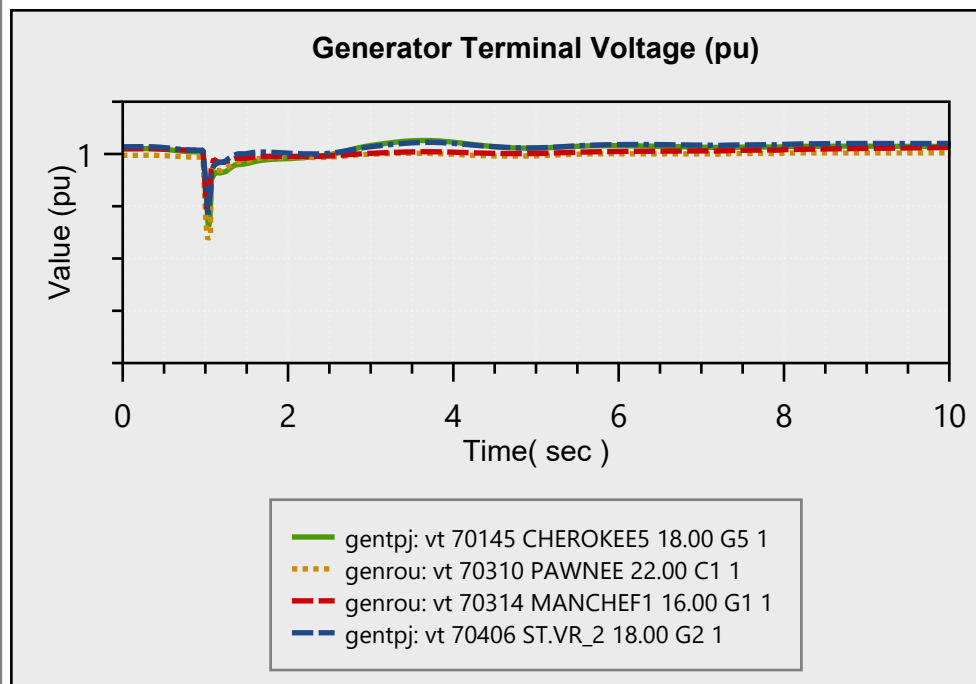
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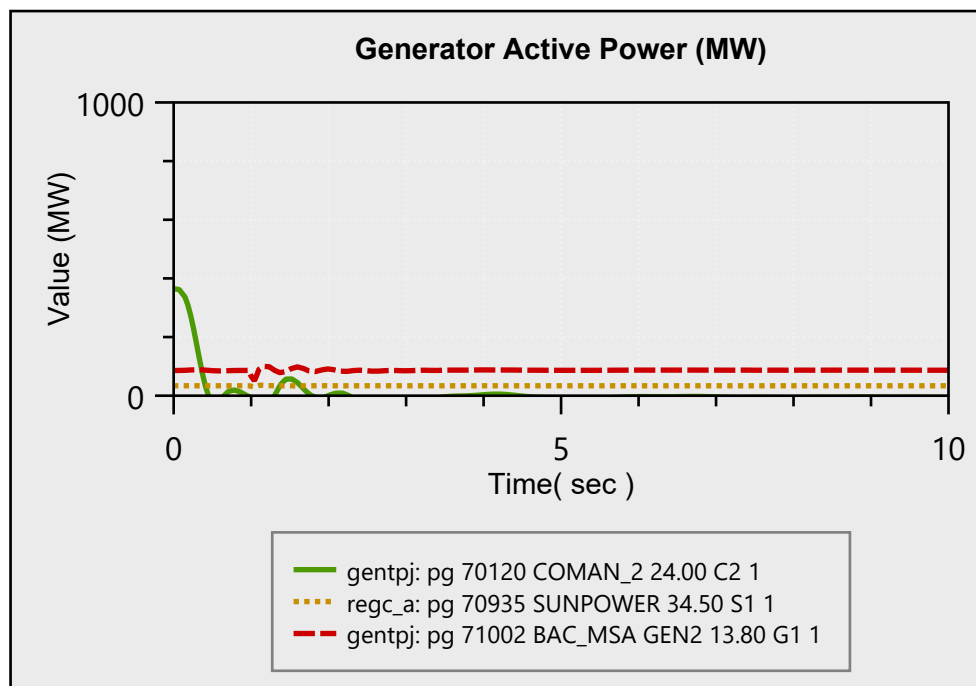
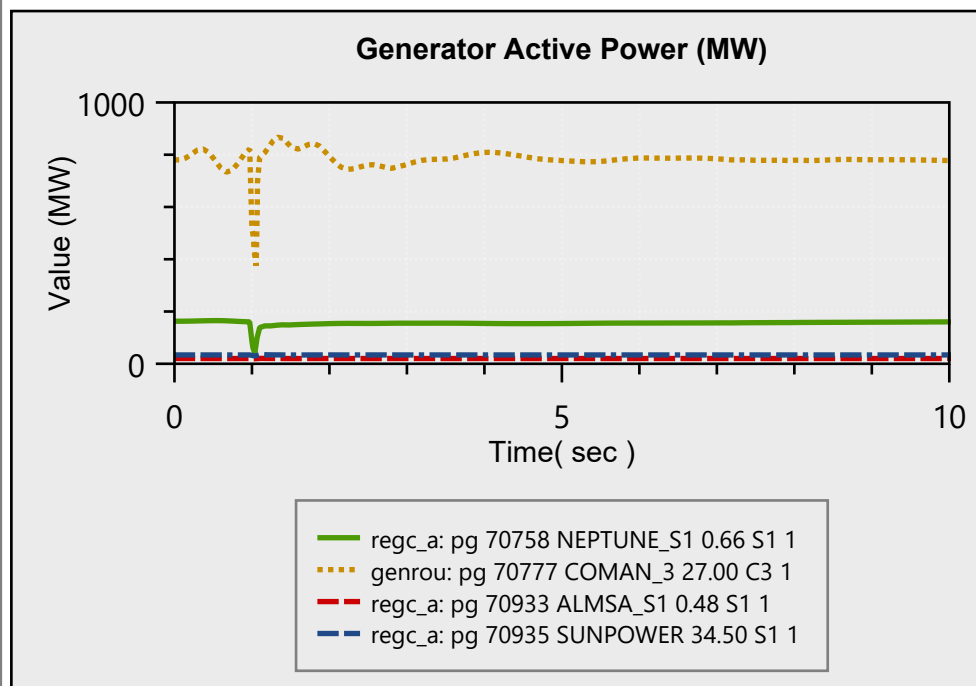
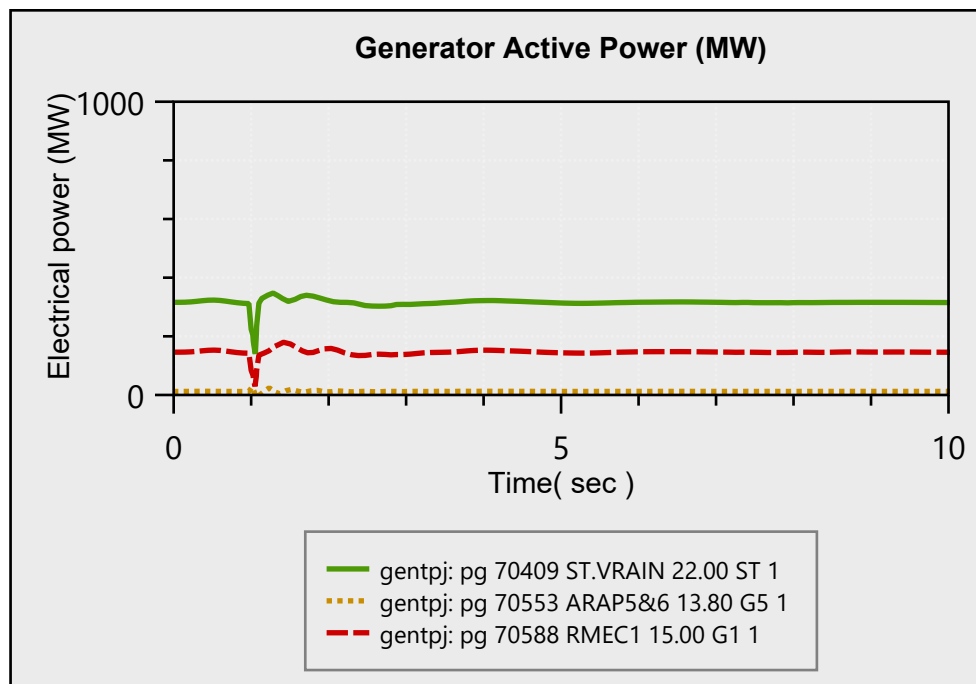
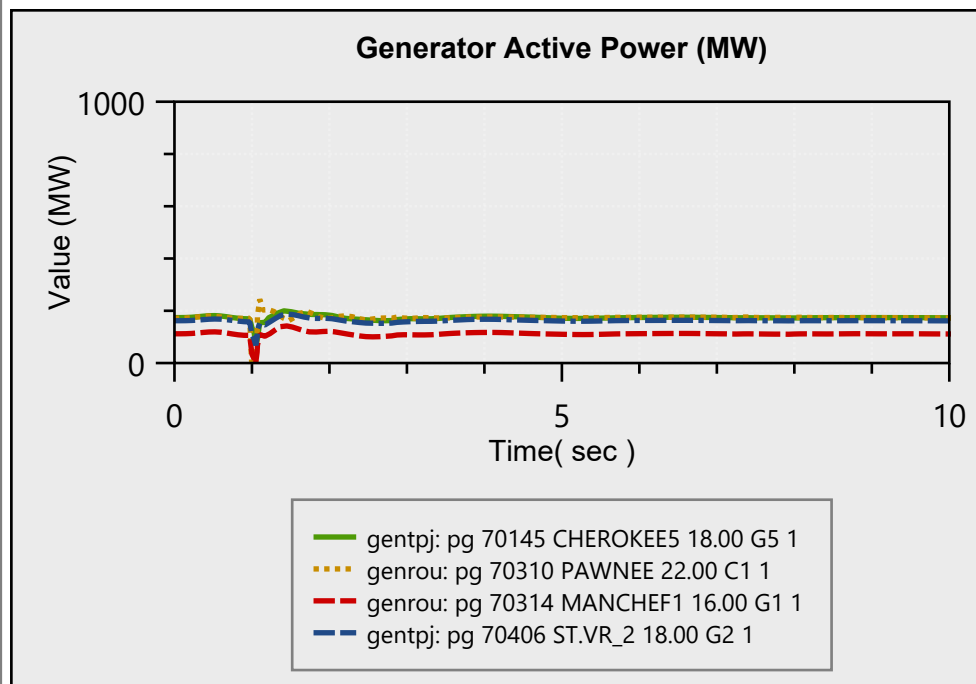
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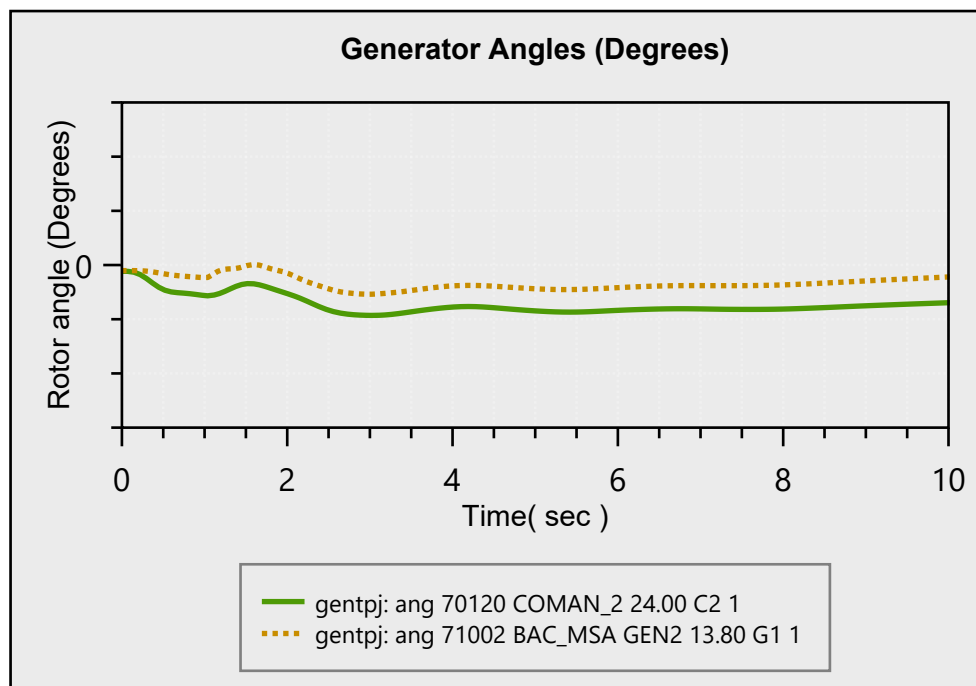
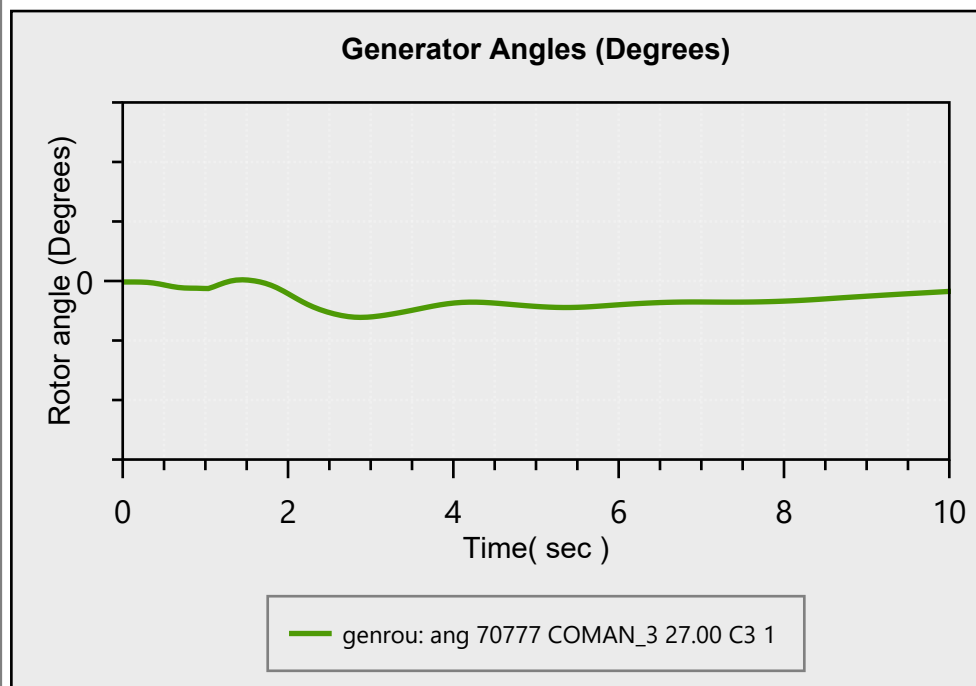
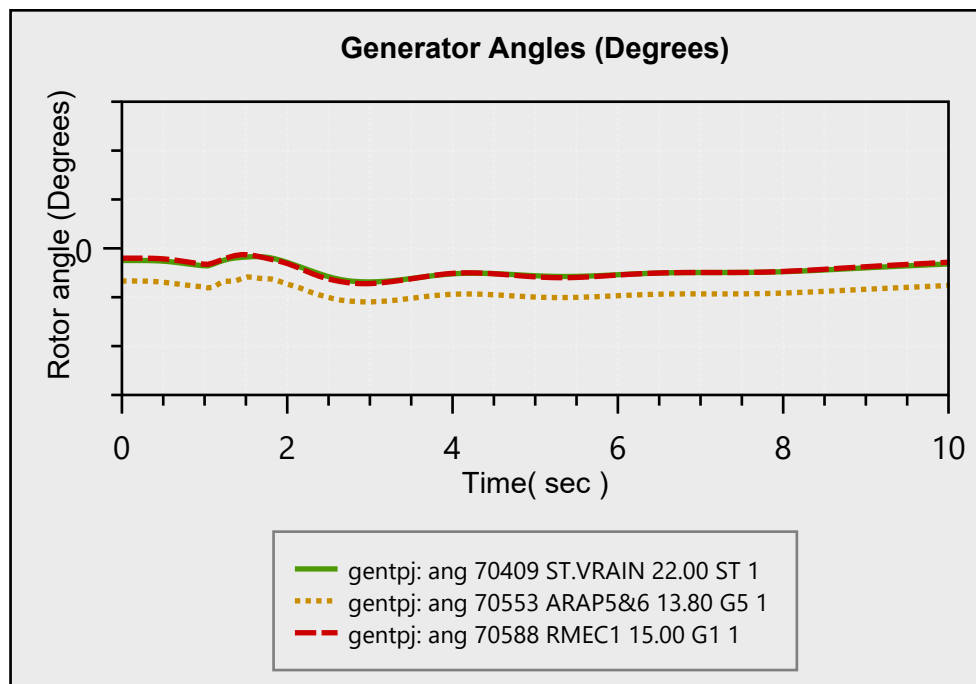
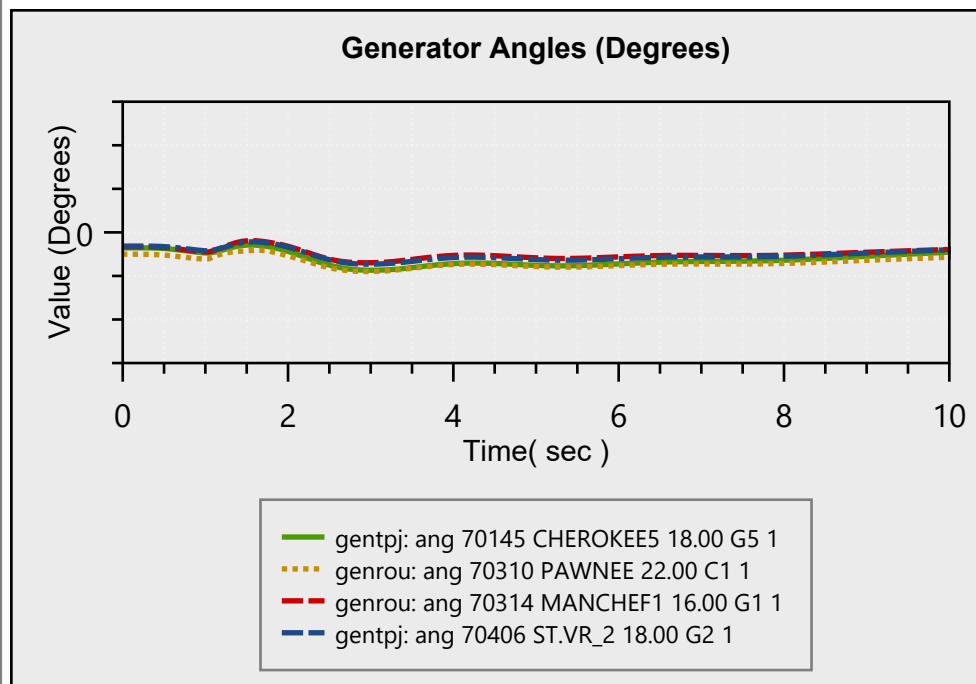
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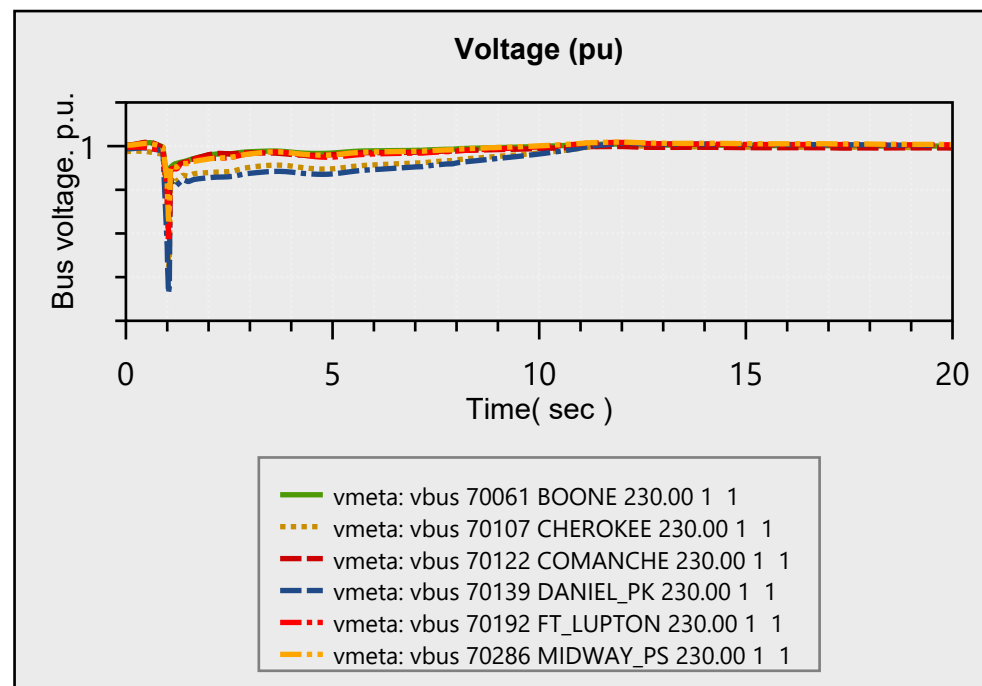
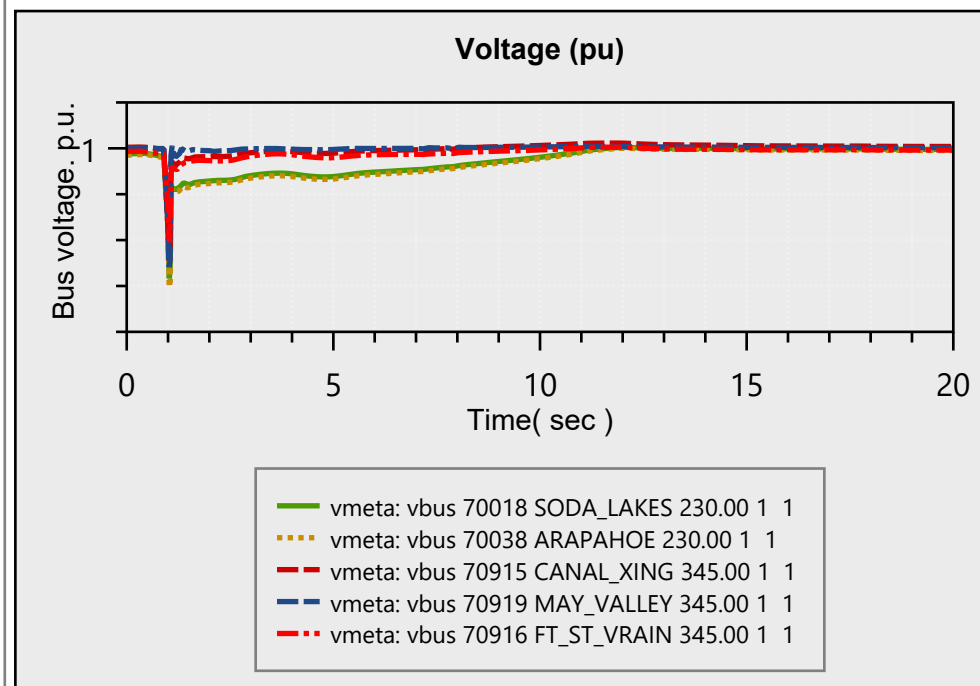
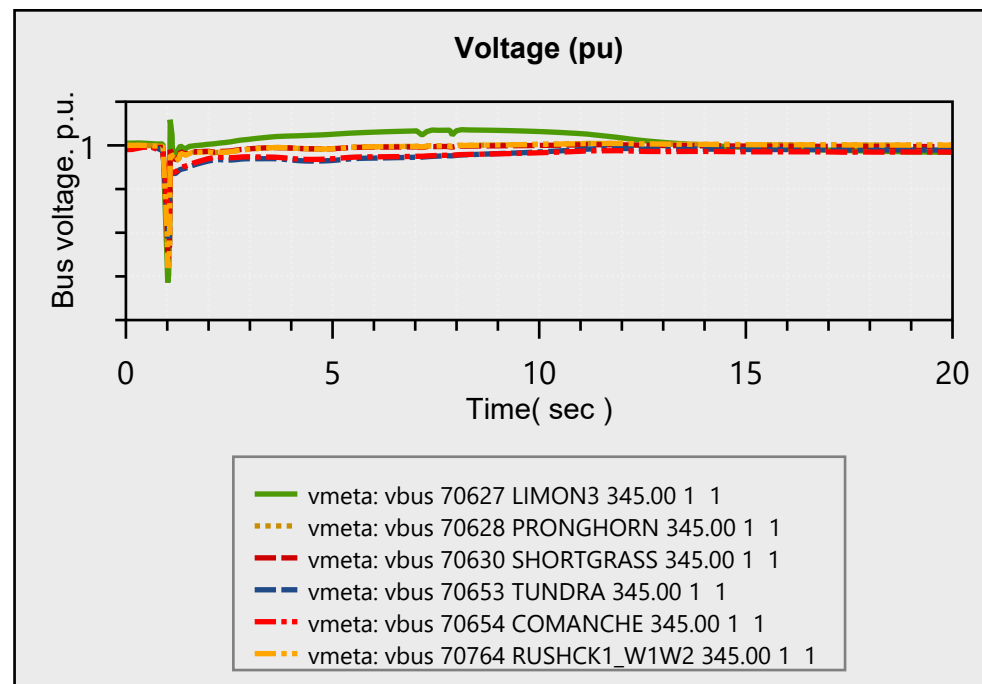
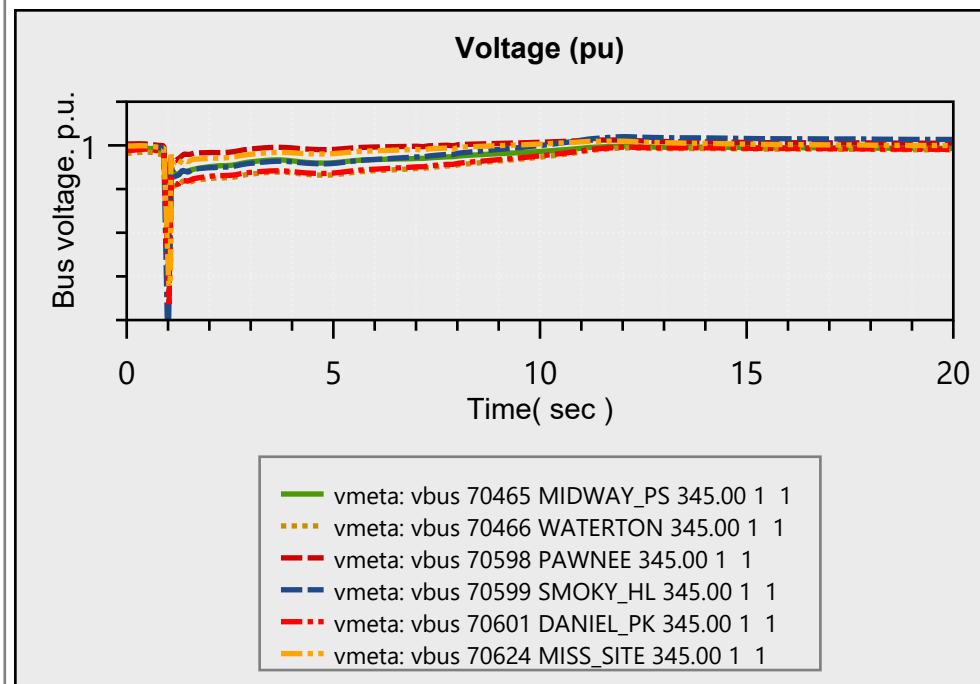
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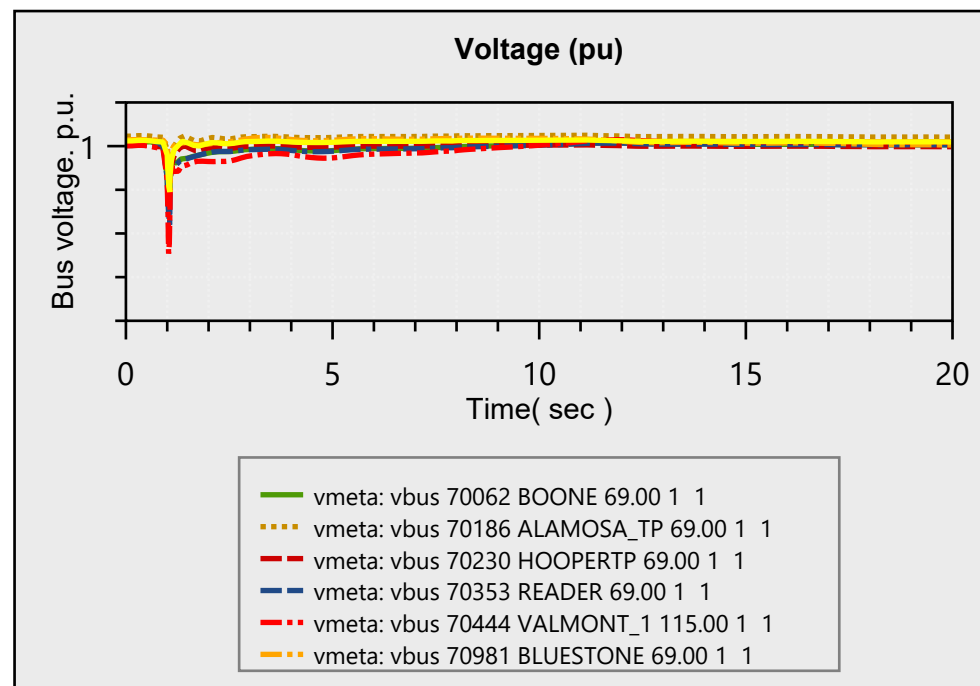
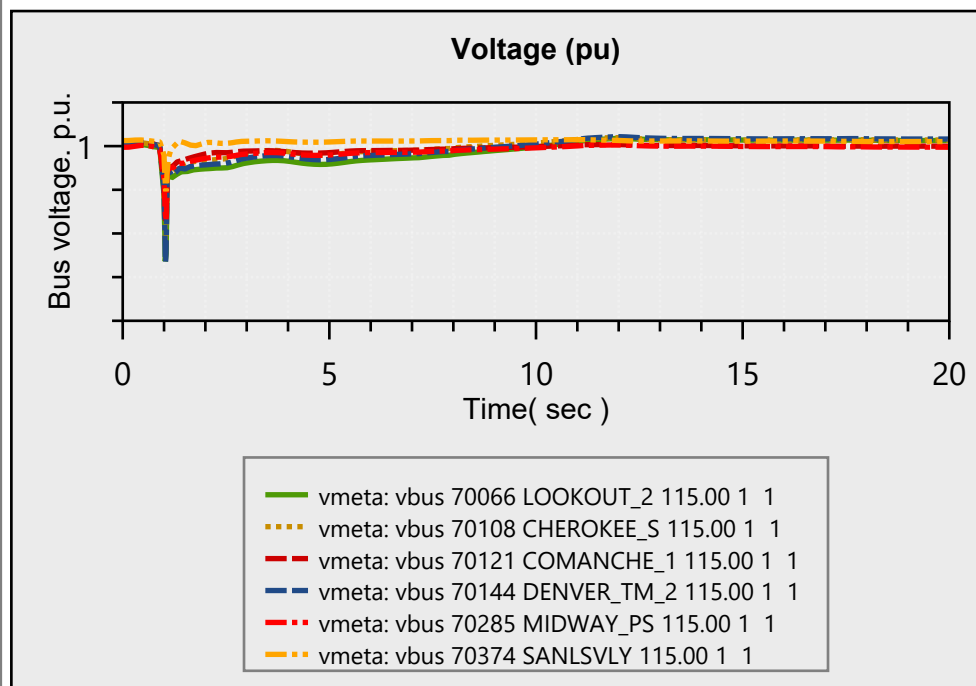
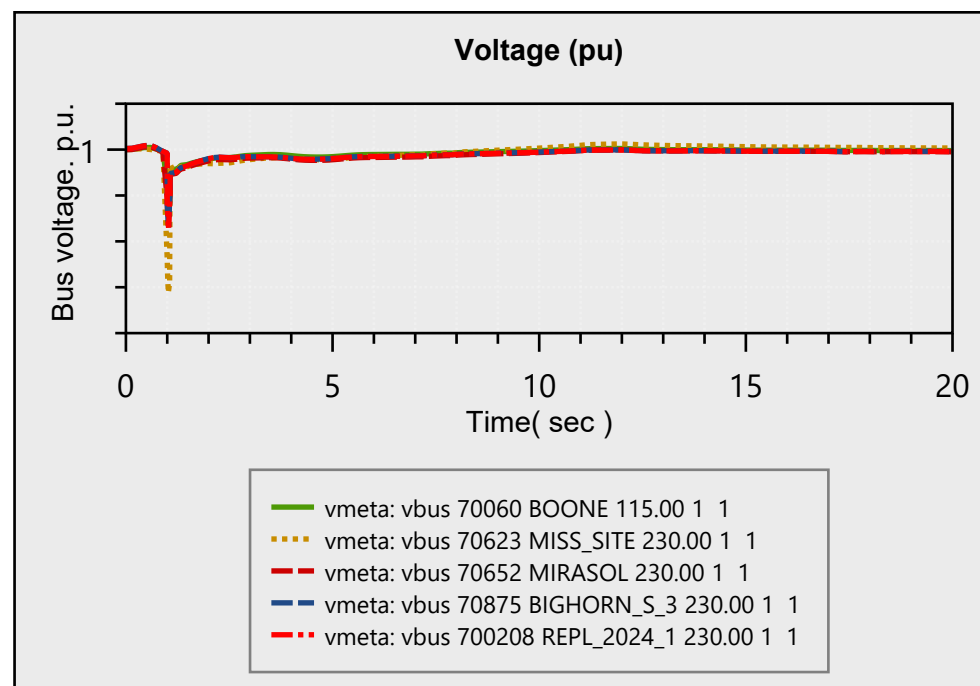
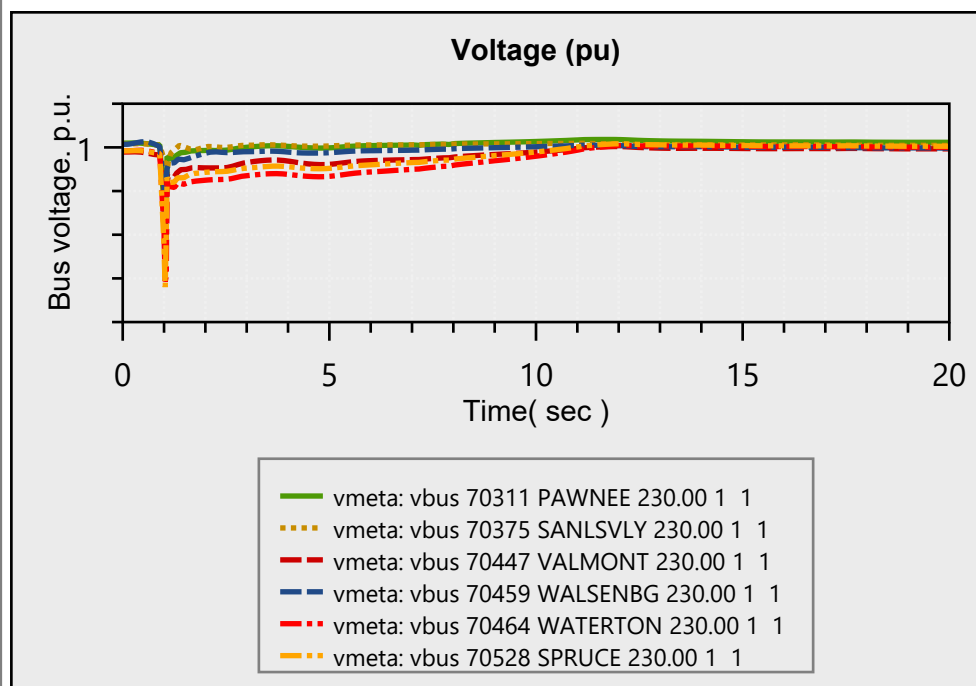
OUTPUTS



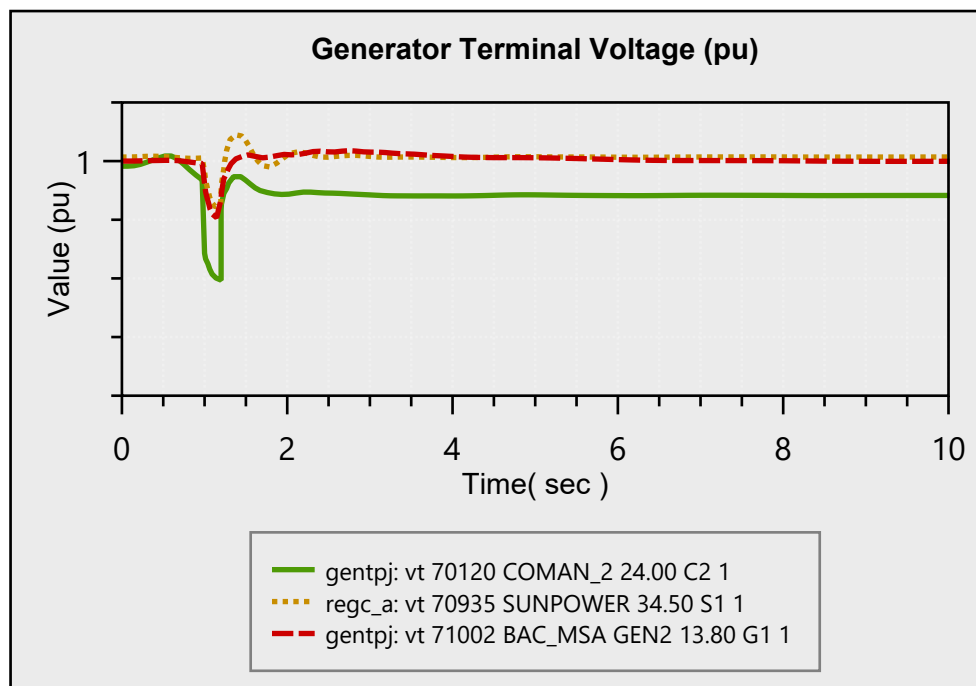
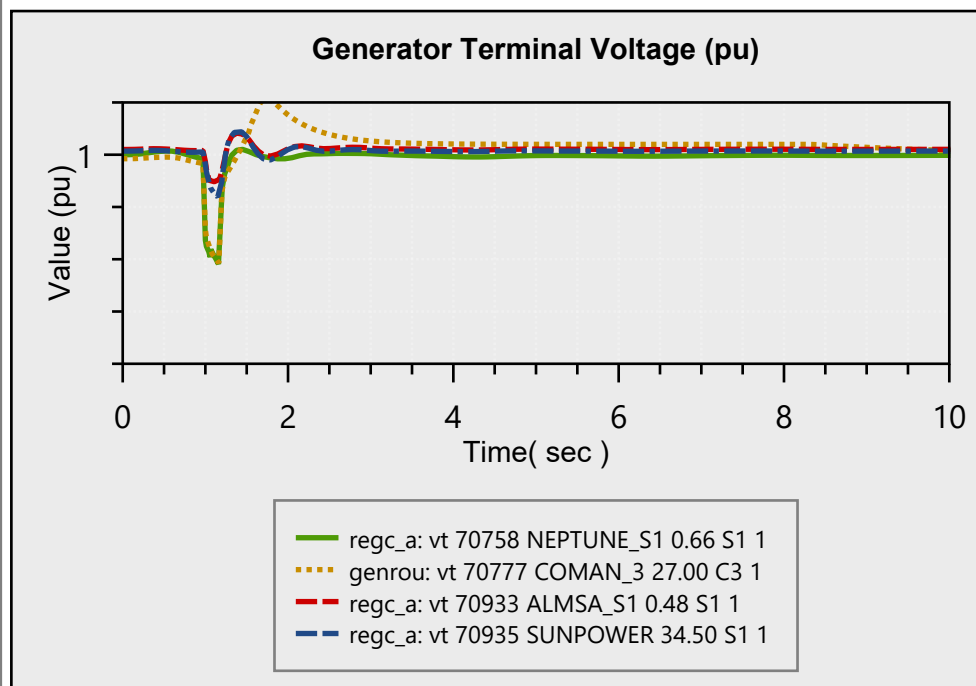
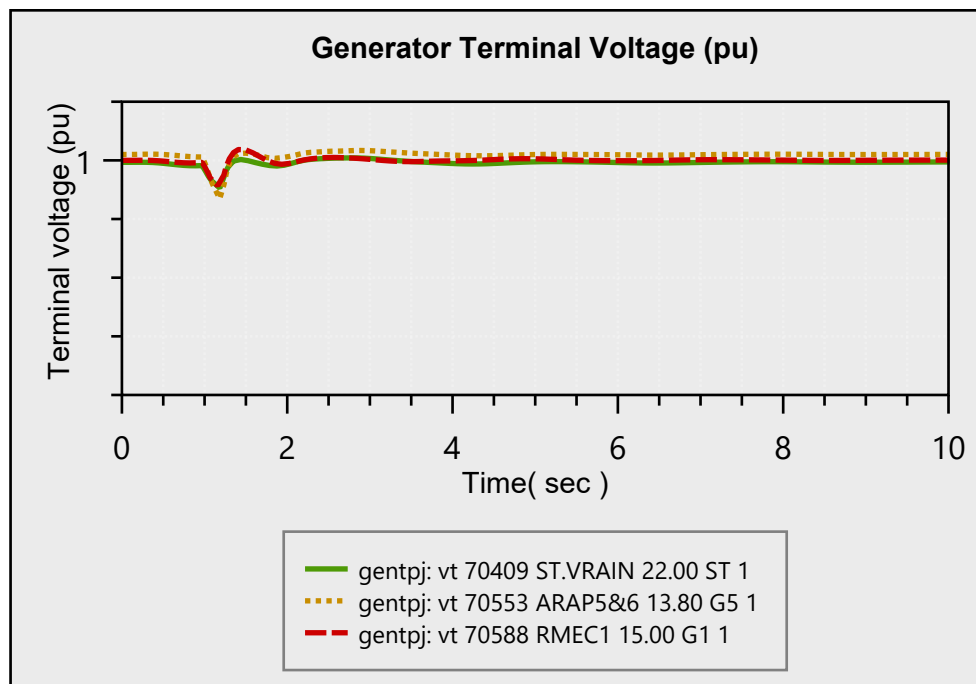
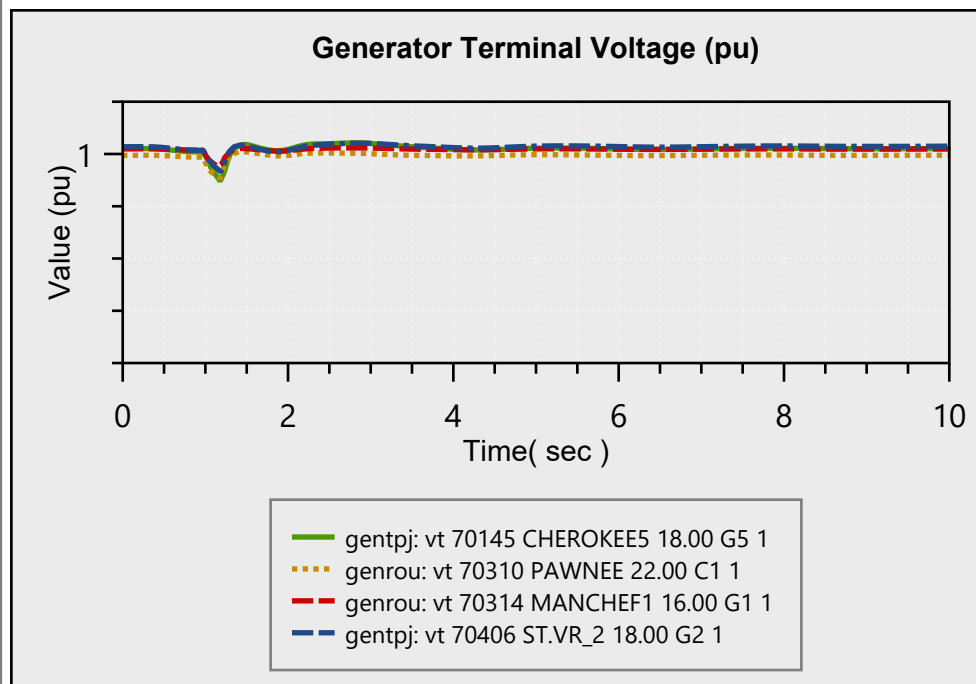
OUTPUTS



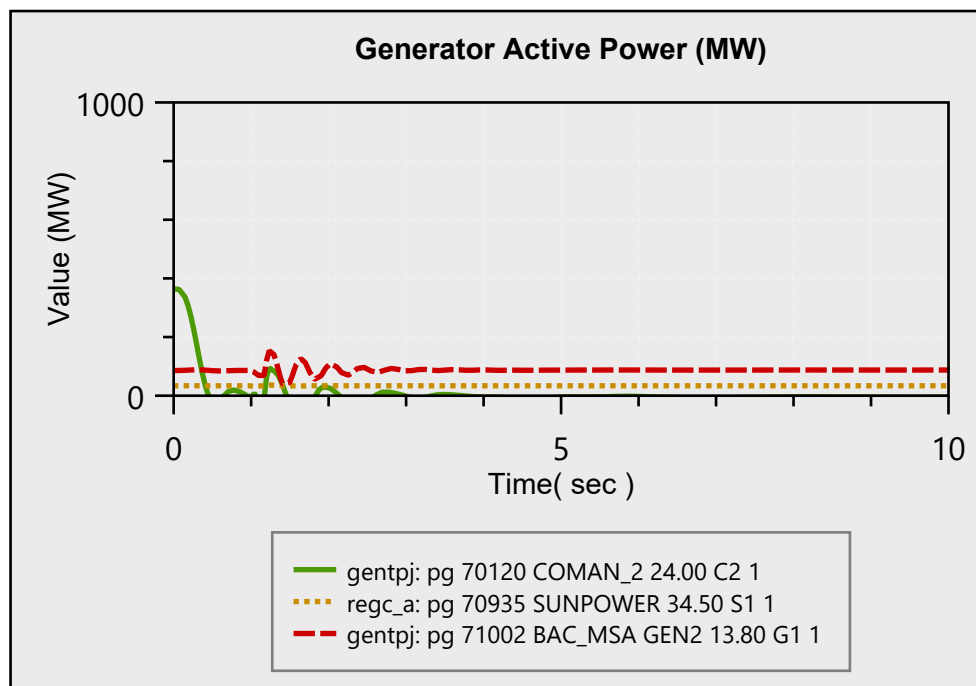
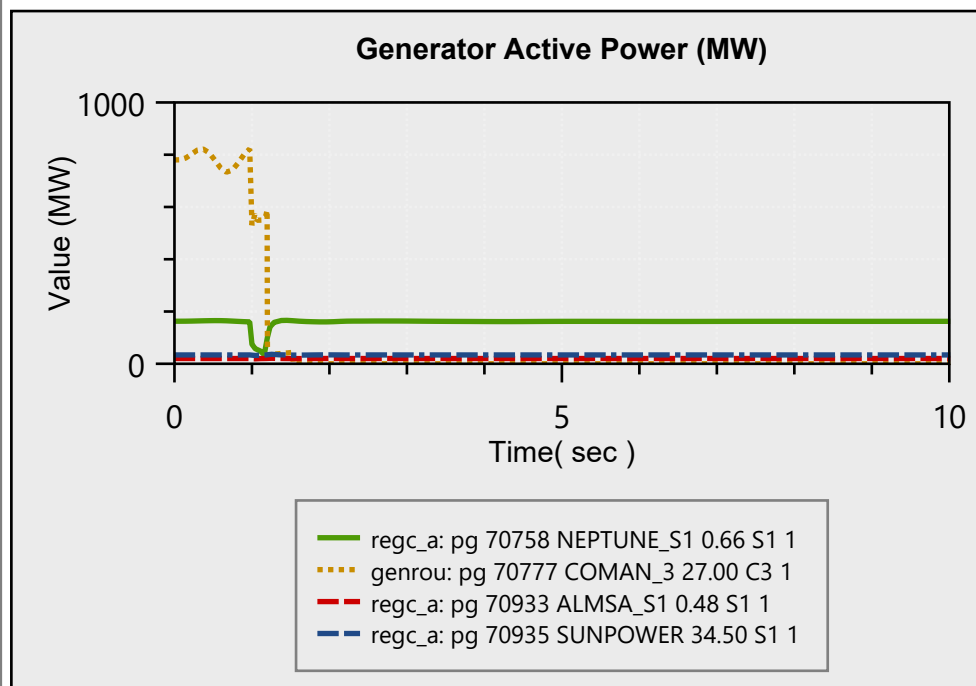
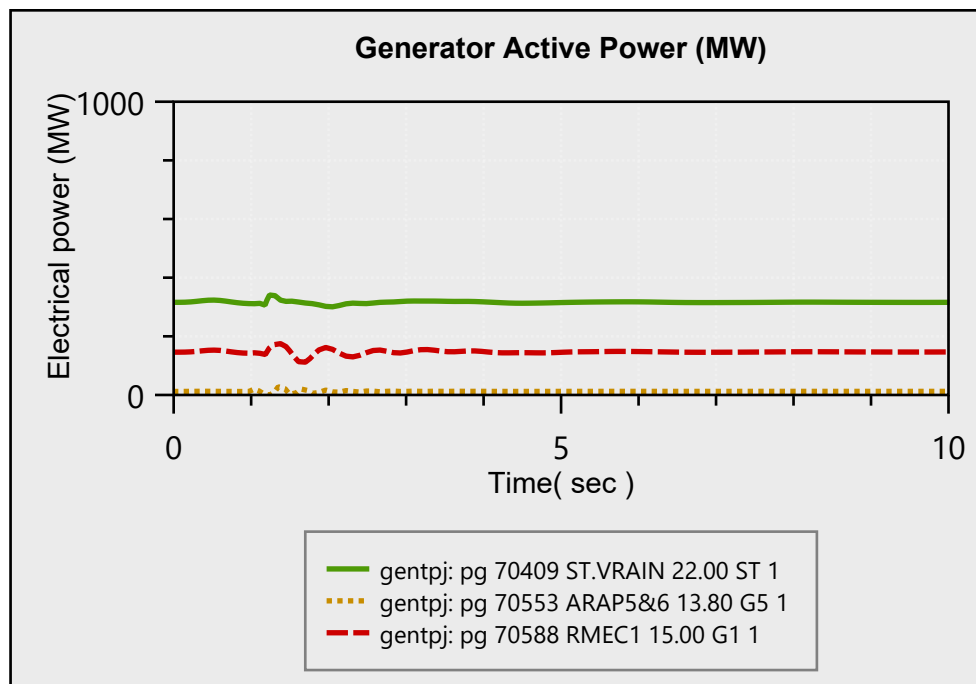
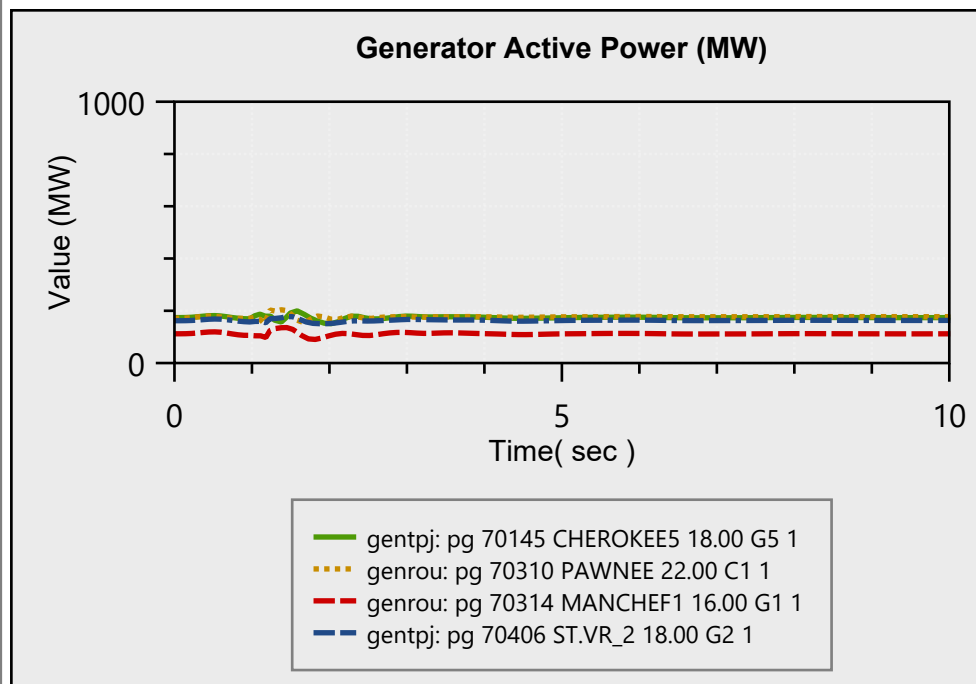
OUTPUTS



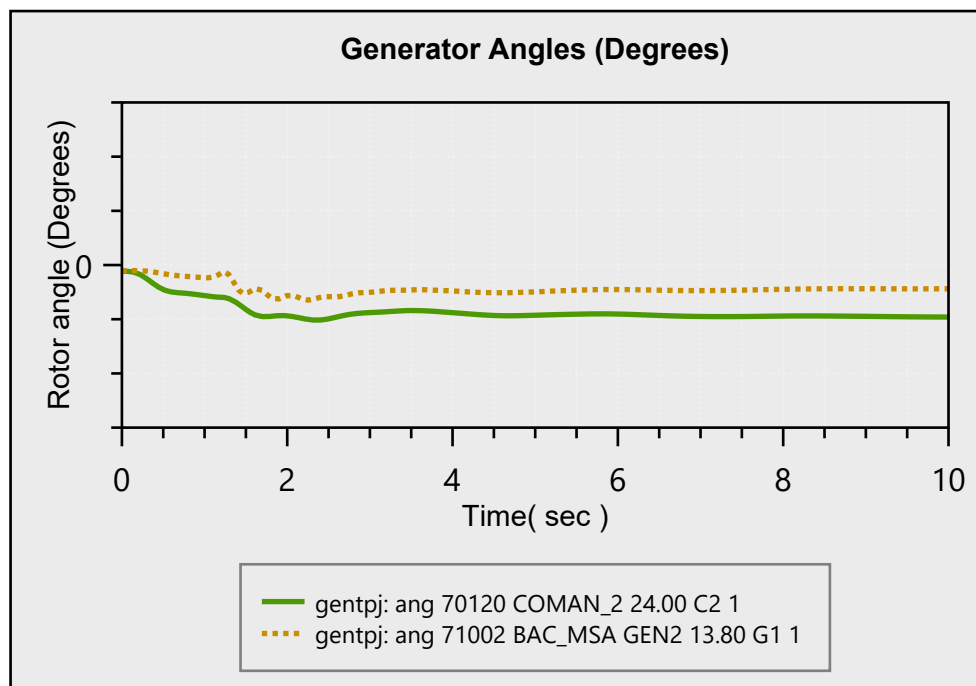
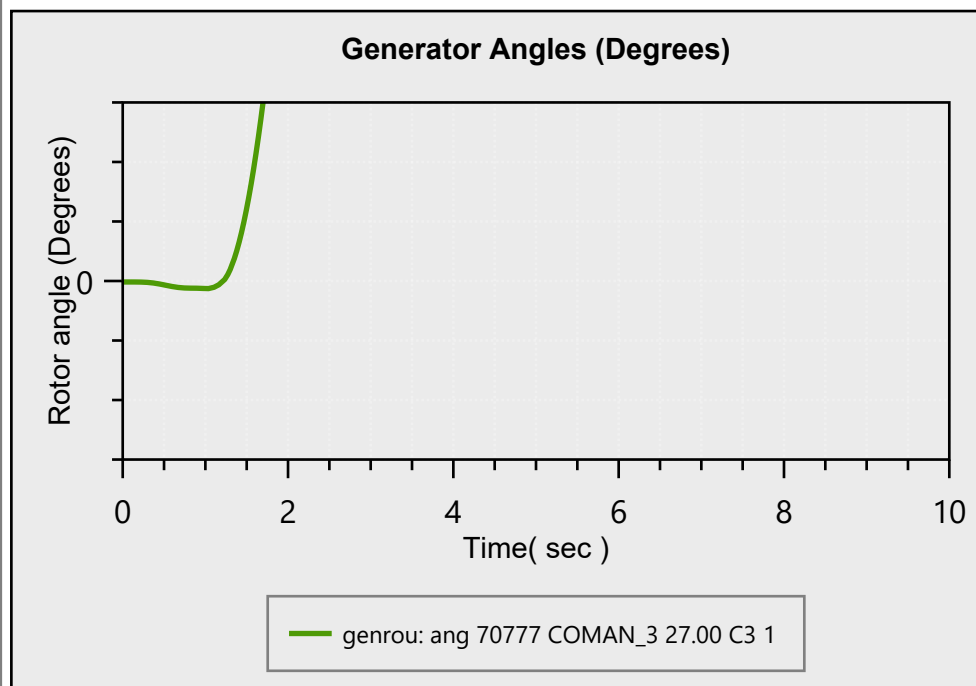
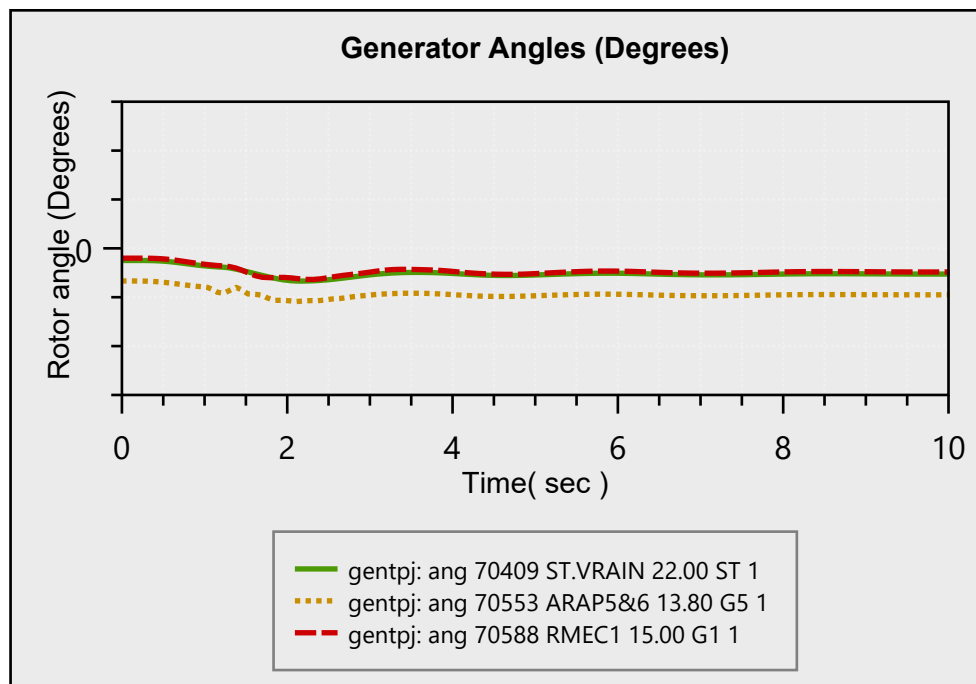
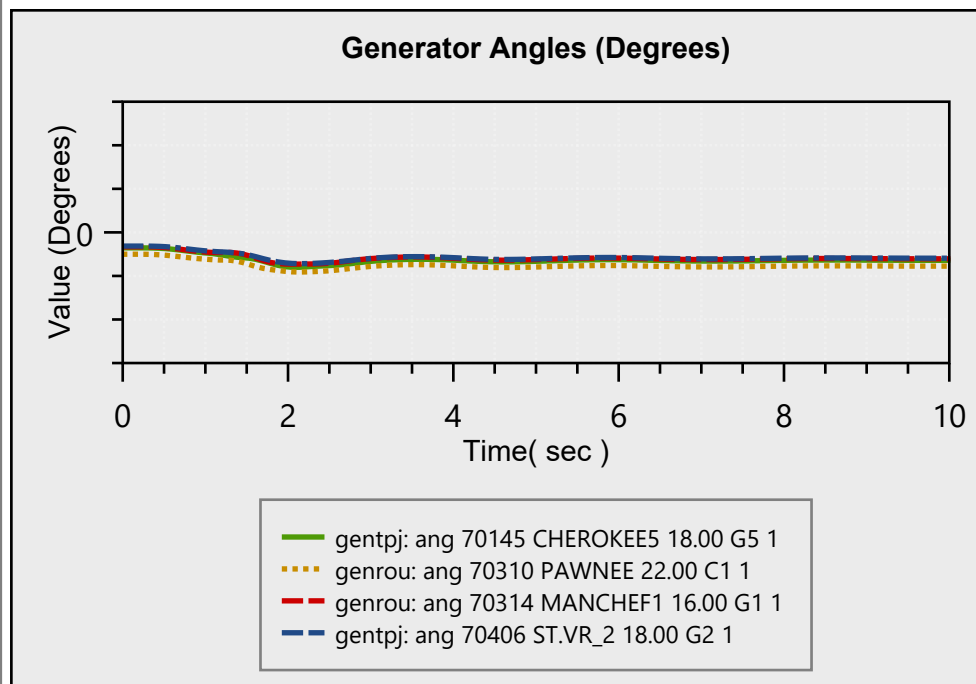
OUTPUTS



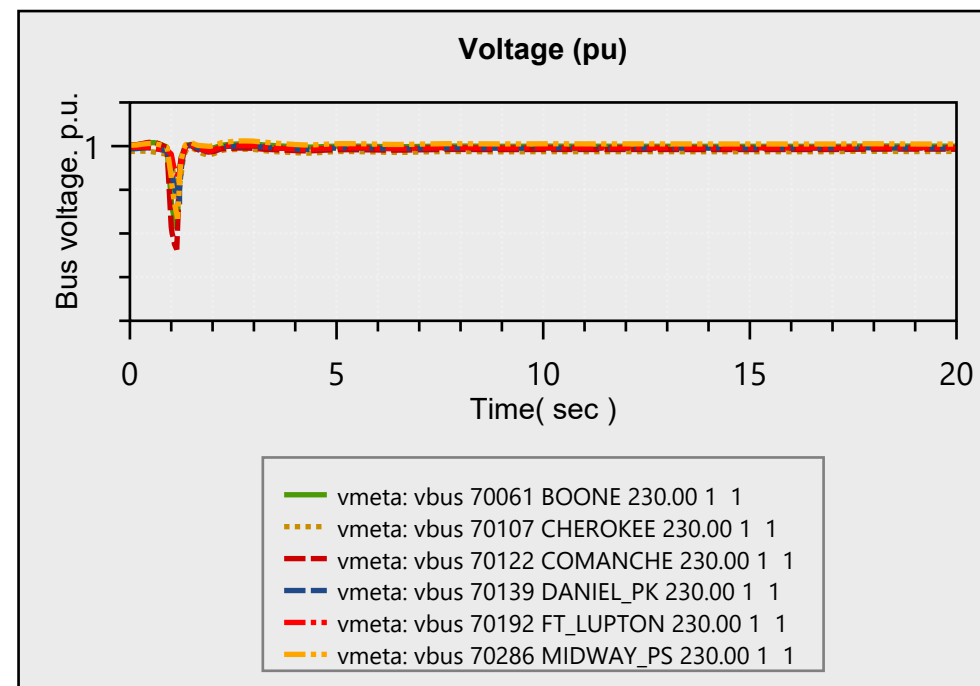
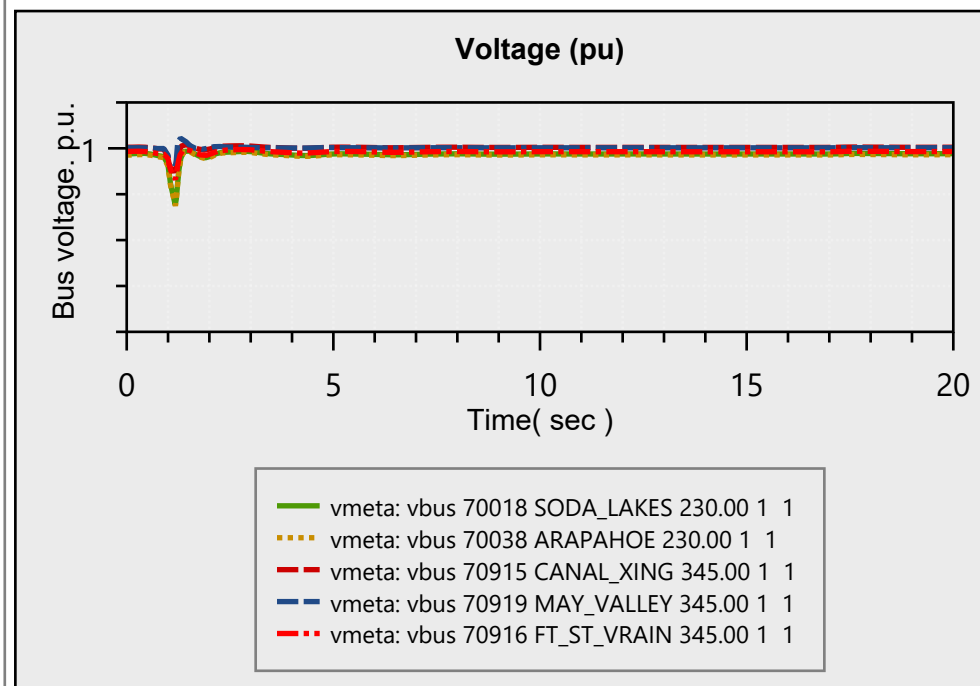
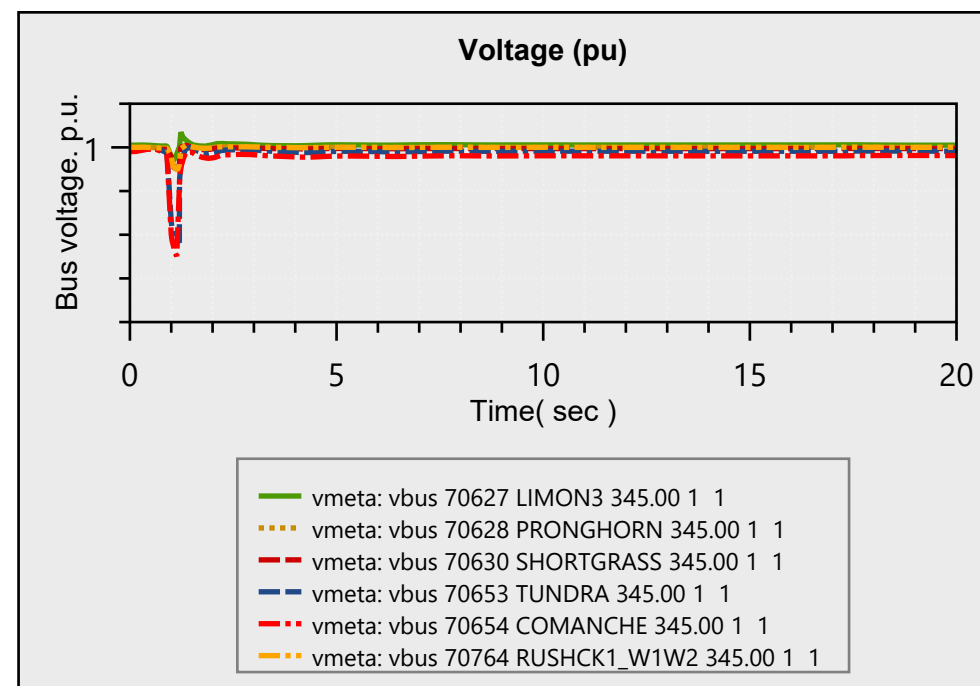
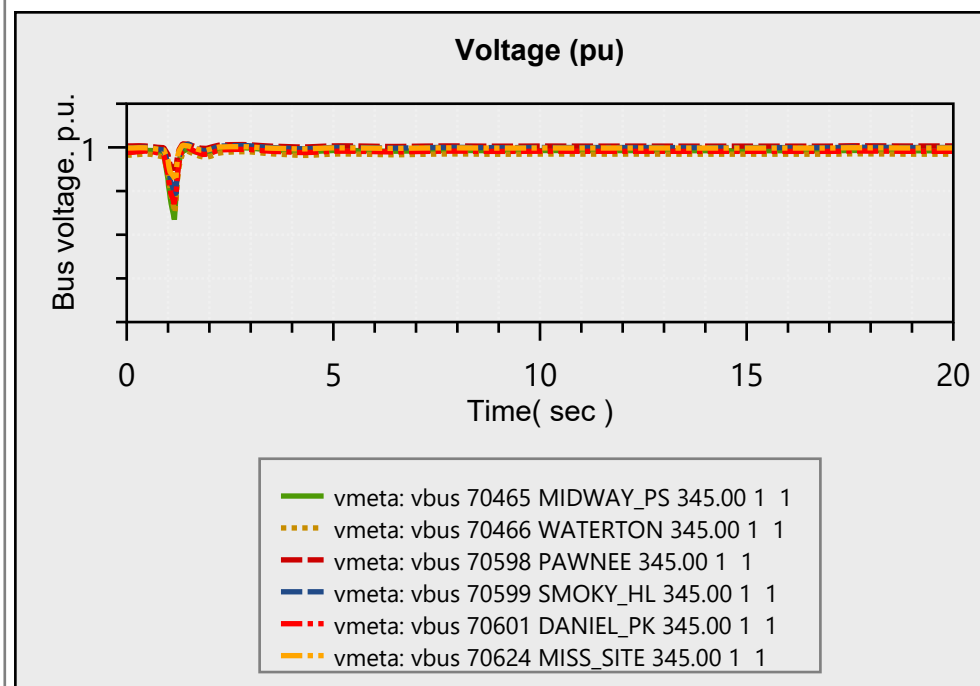
OUTPUTS



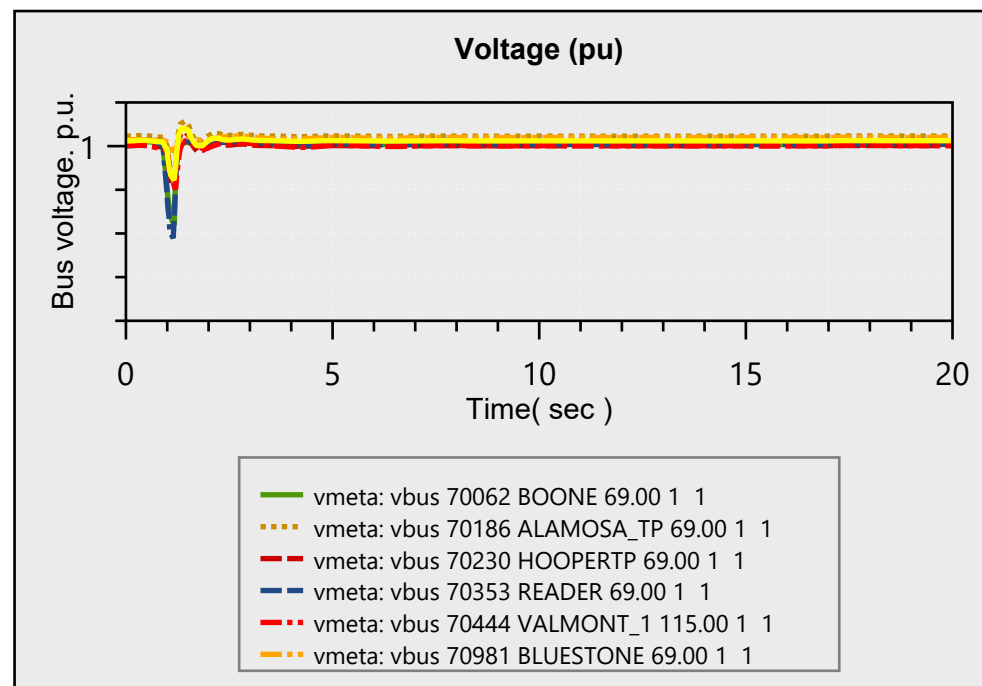
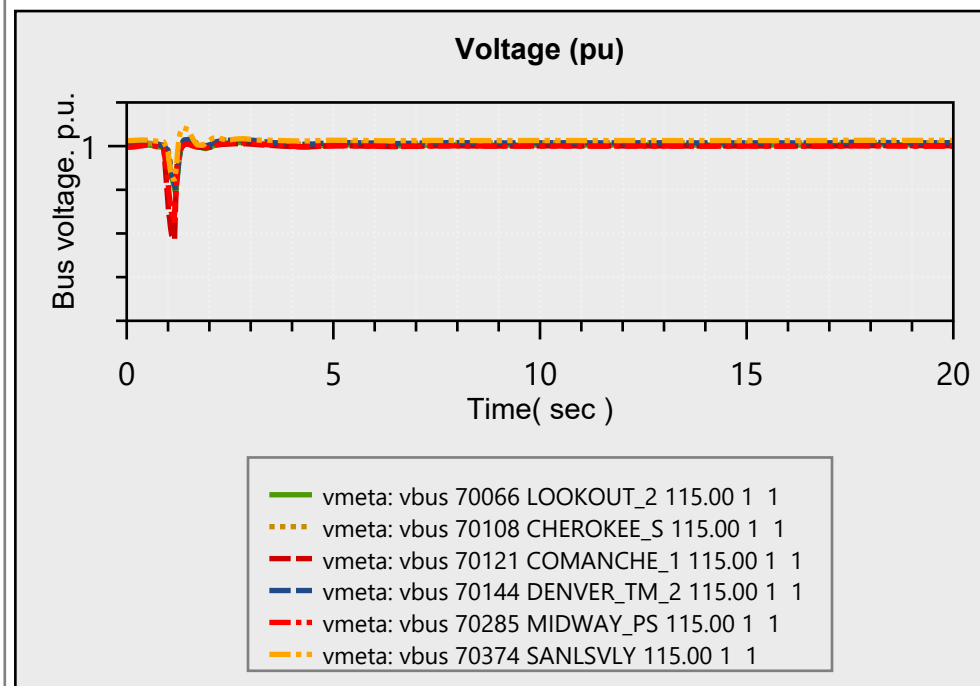
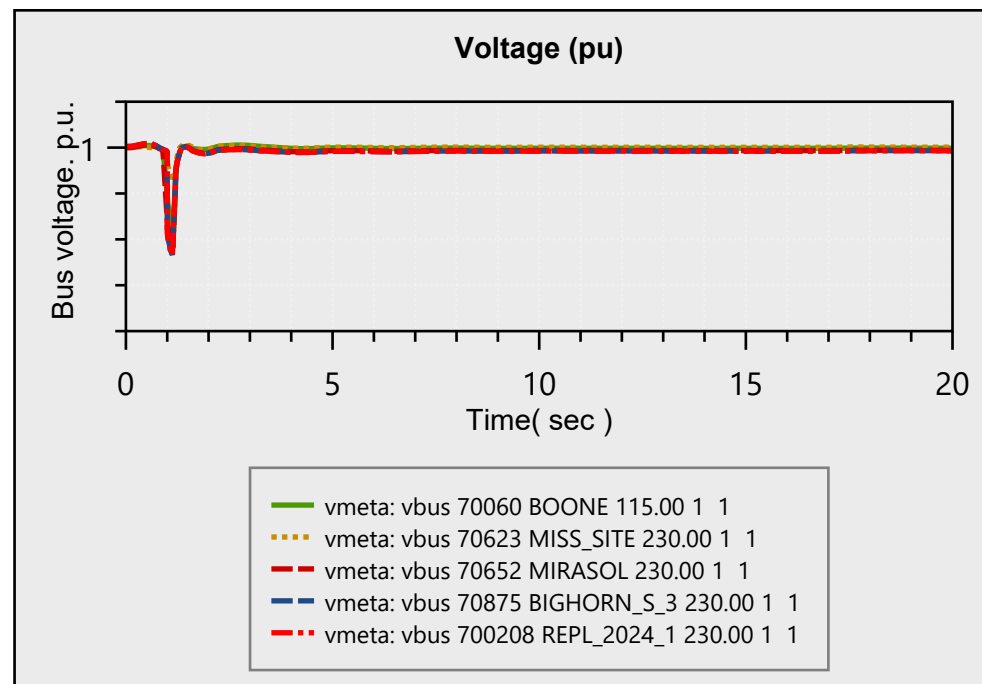
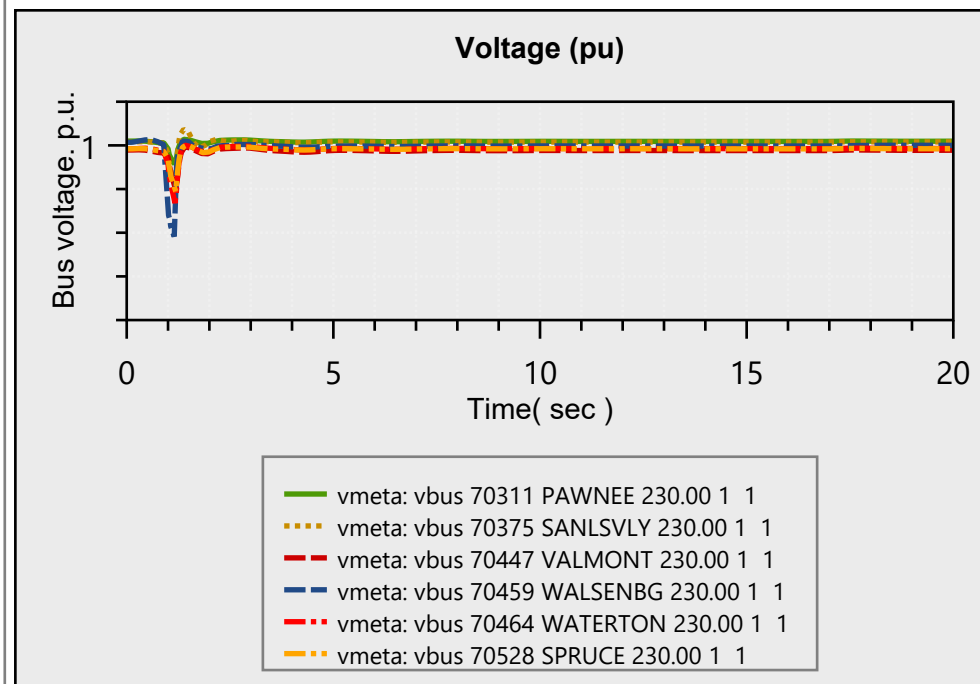
OUTPUTS



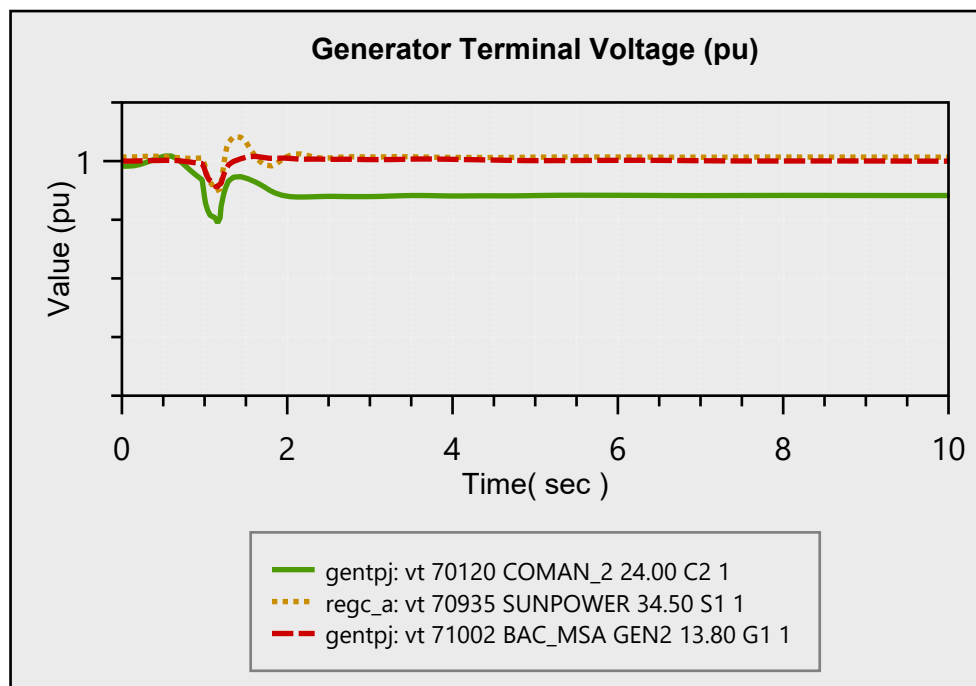
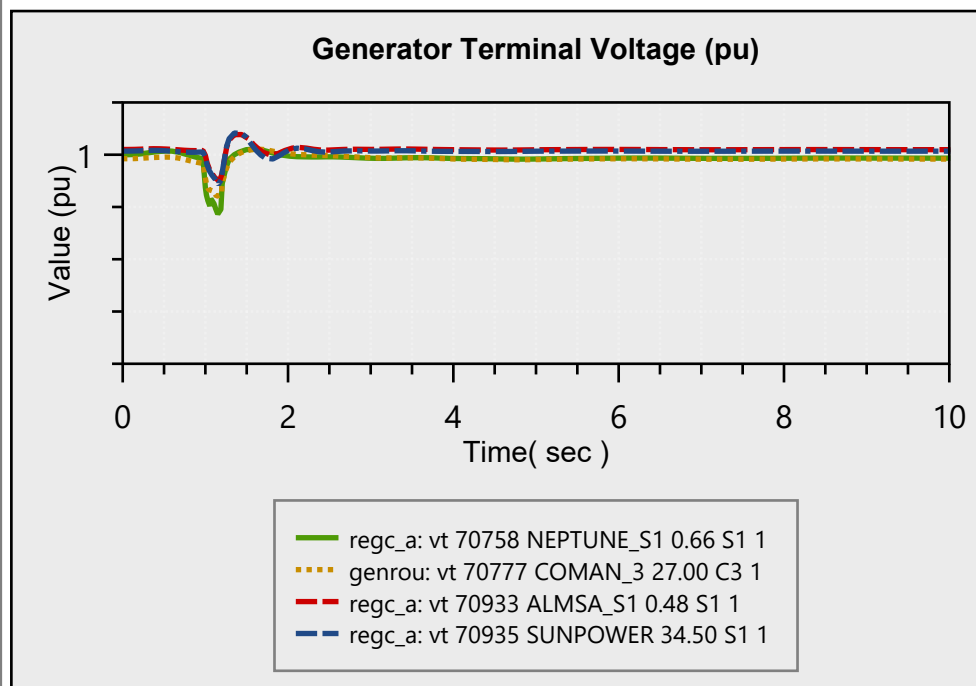
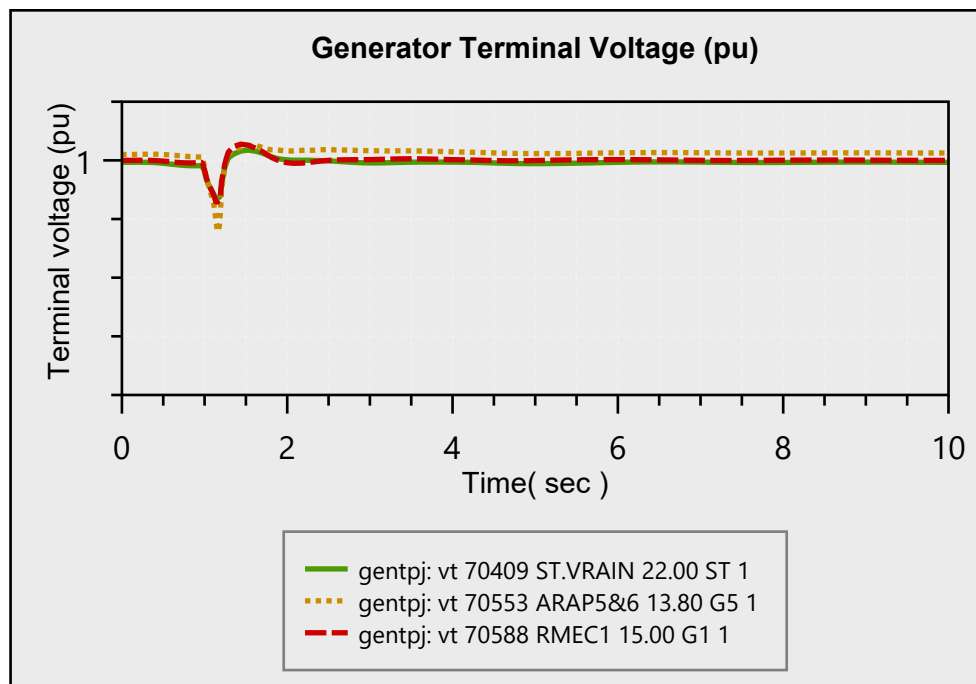
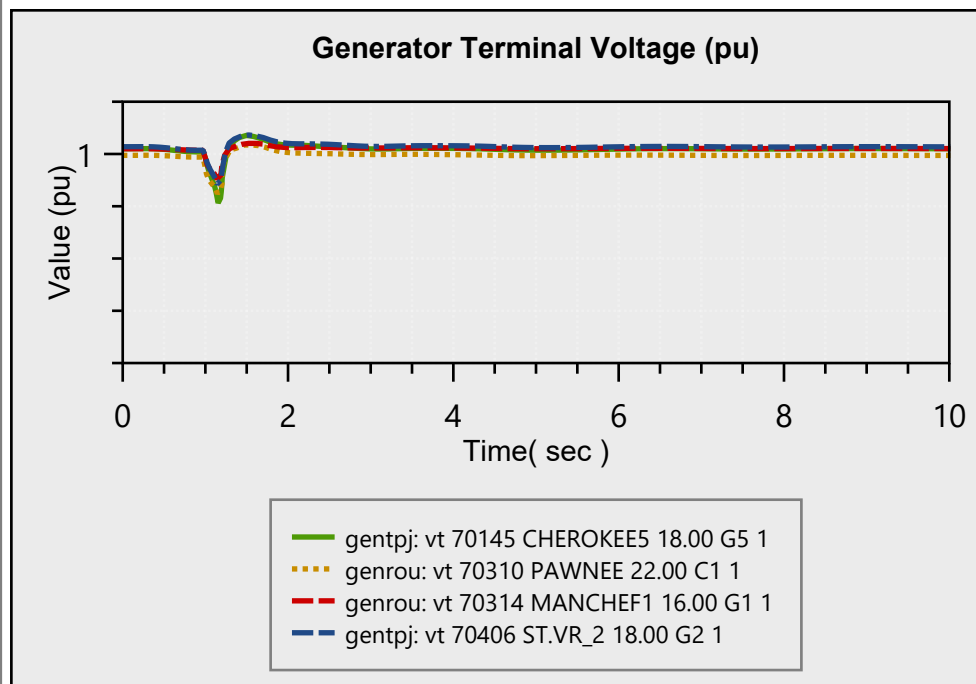
OUTPUTS



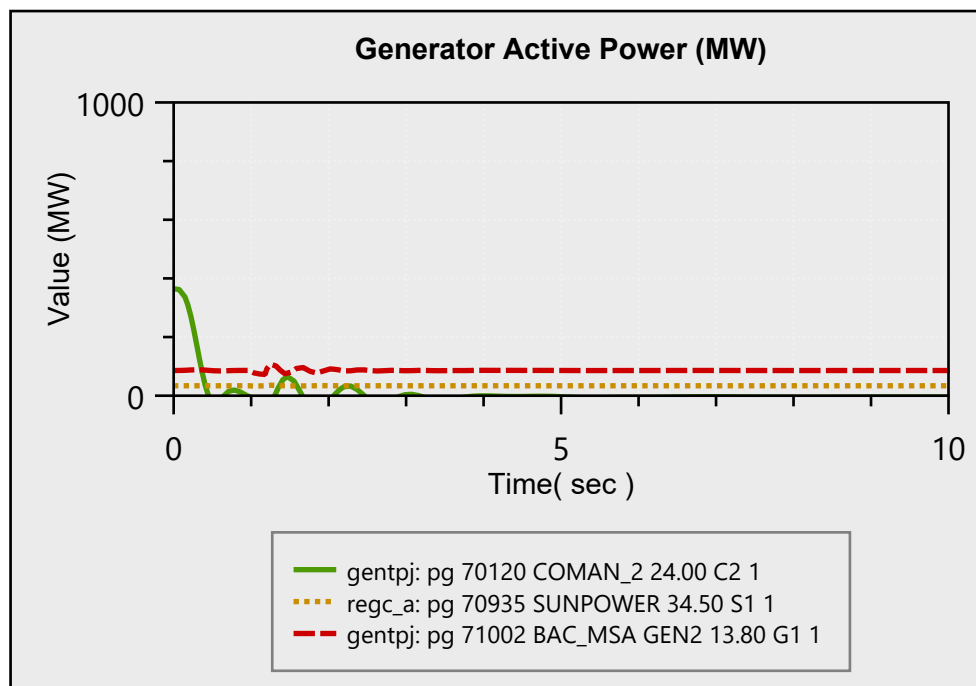
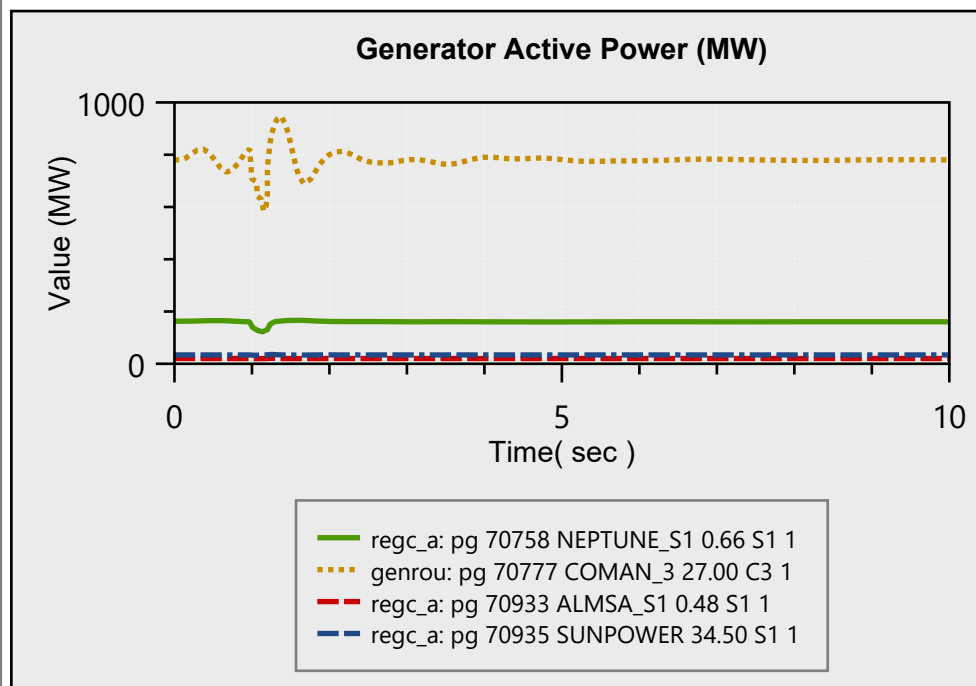
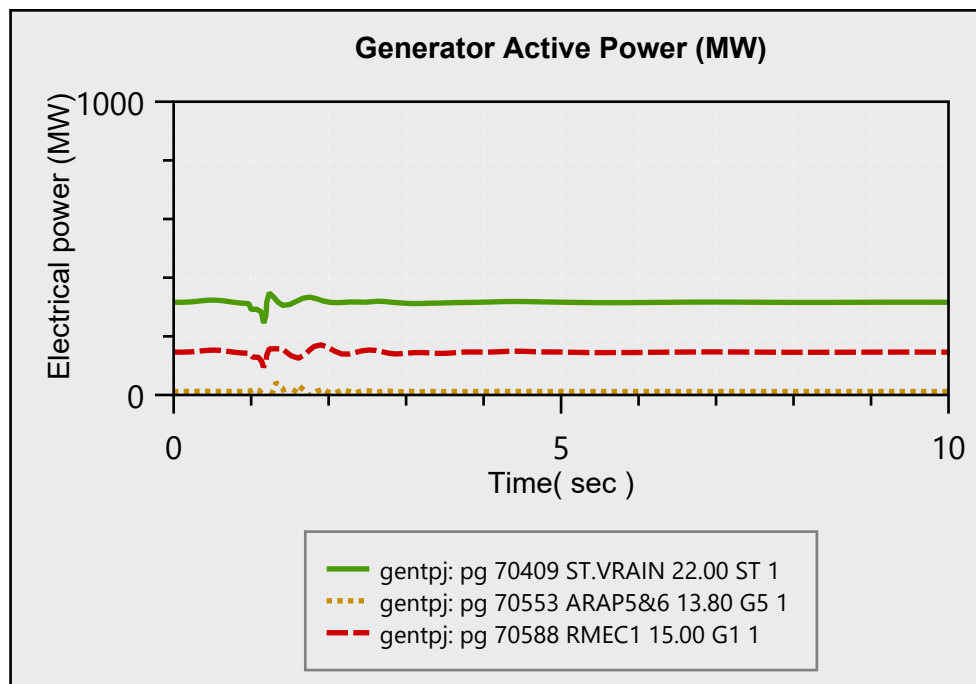
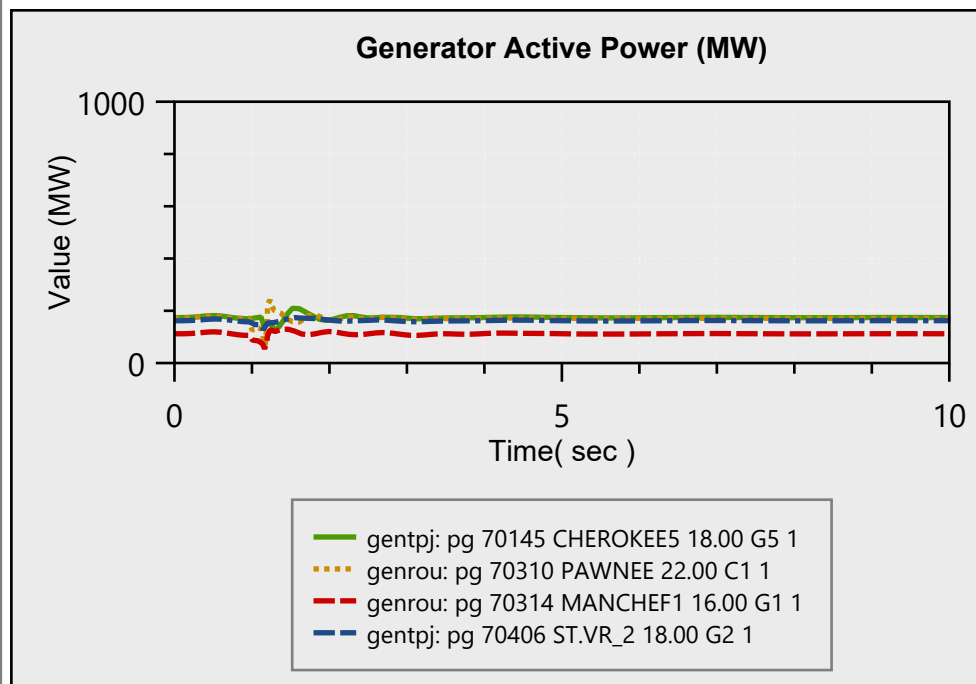
OUTPUTS



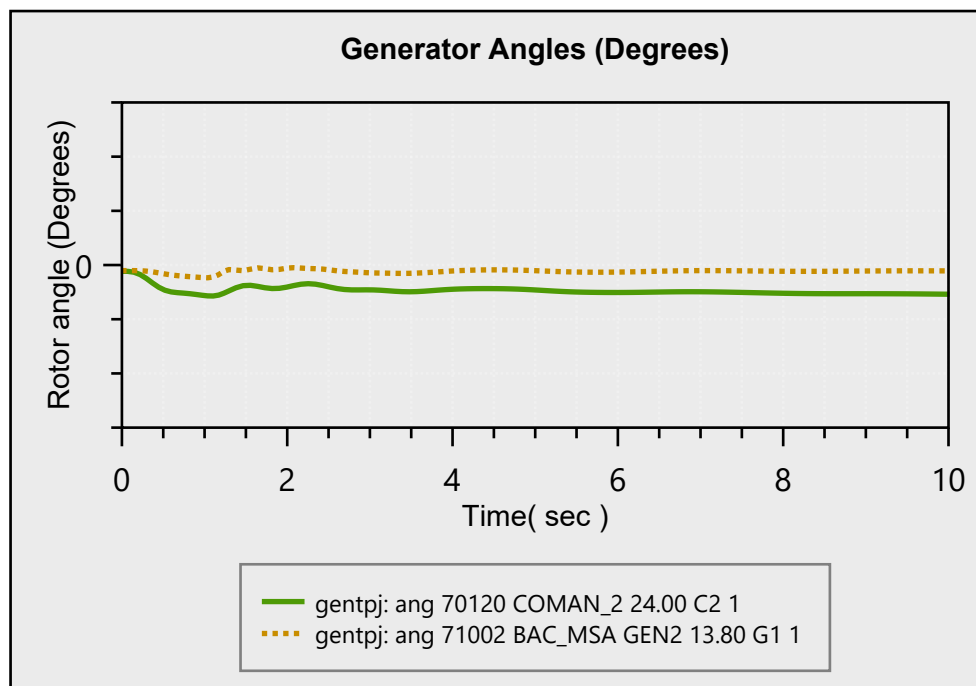
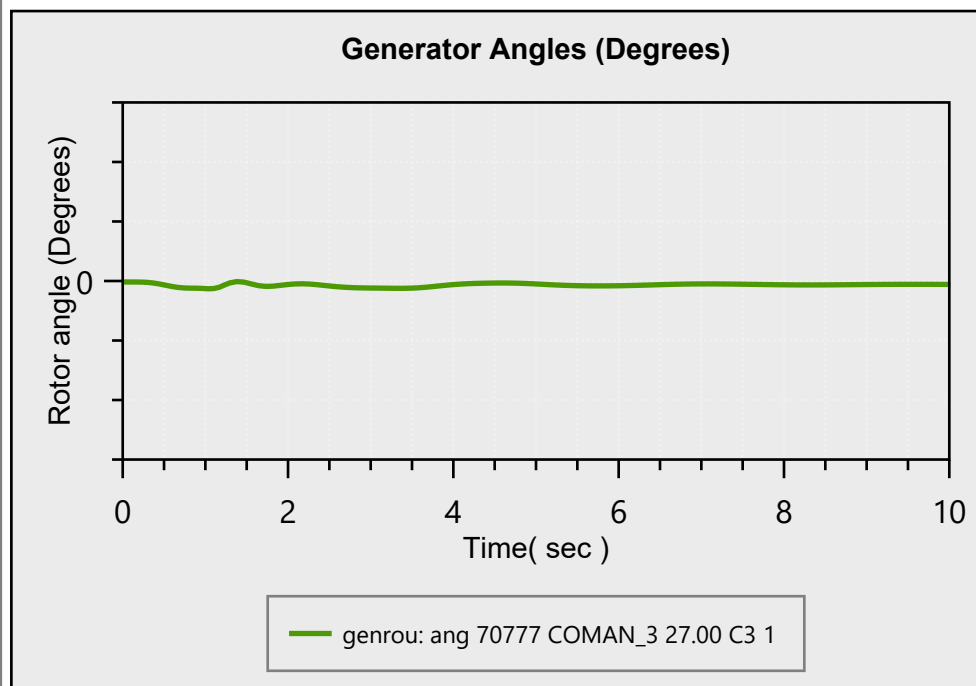
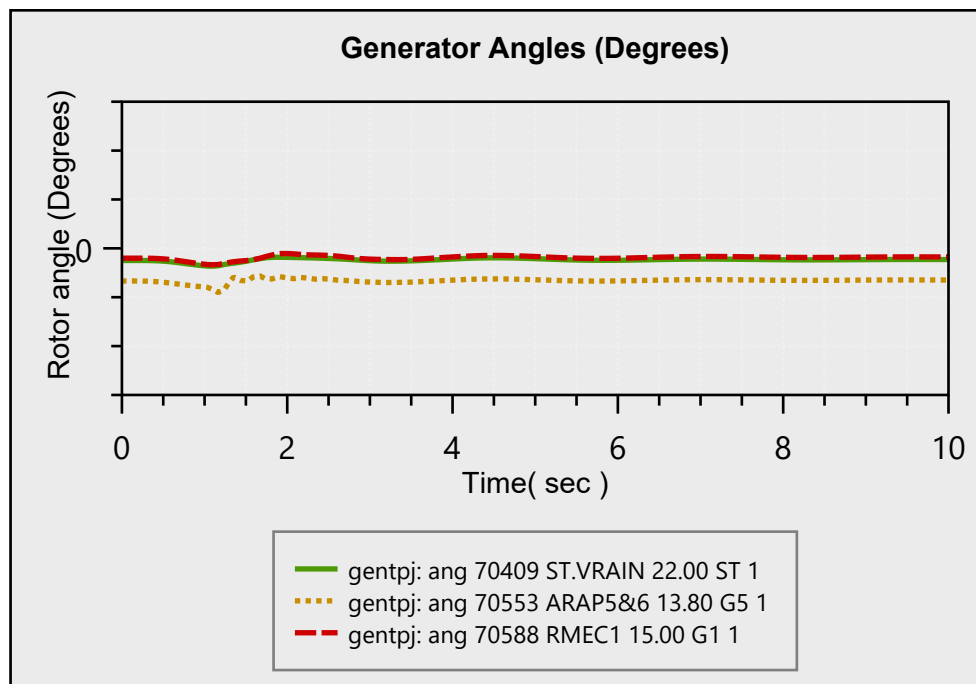
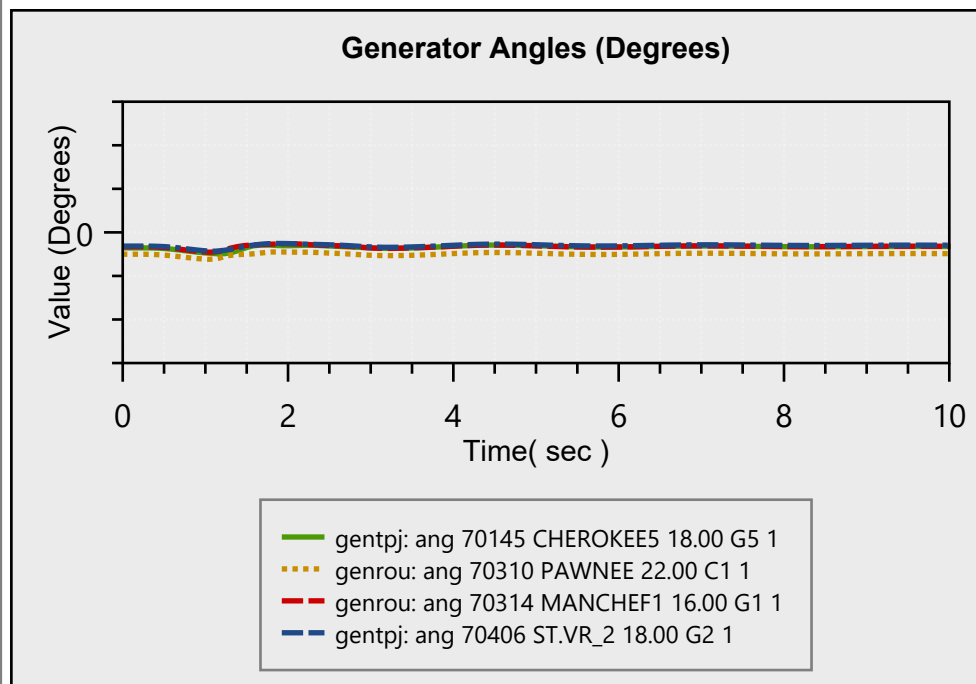
OUTPUTS



OUTPUTS

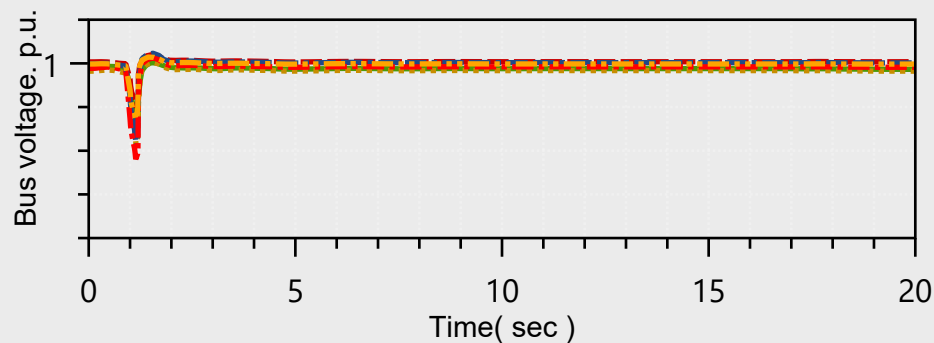


OUTPUTS



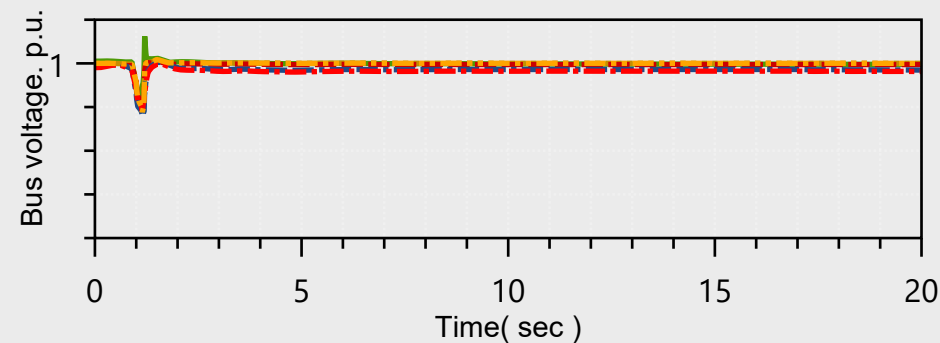
OUTPUTS

Voltage (pu)



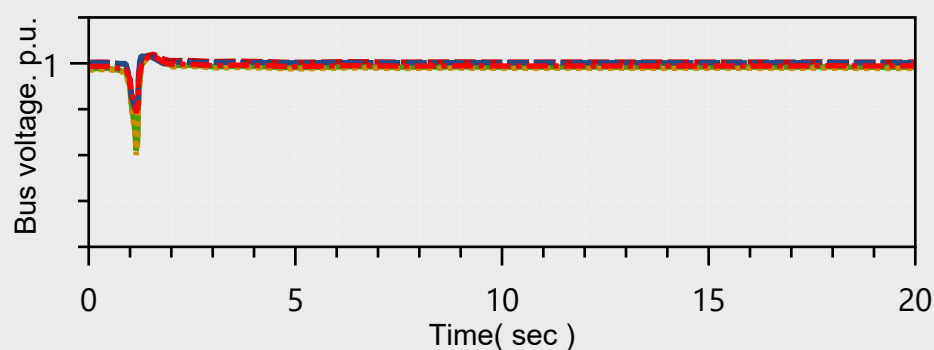
- vmeta: vbus 70465 MIDWAY_PS 345.00 1 1
- vmeta: vbus 70466 WATERTON 345.00 1 1
- - - vmeta: vbus 70598 PAWNEE 345.00 1 1
- - - vmeta: vbus 70599 SMOKY_HL 345.00 1 1
- . . vmeta: vbus 70601 DANIEL_PK 345.00 1 1
- . . vmeta: vbus 70624 MISS_SITE 345.00 1 1

Voltage (pu)



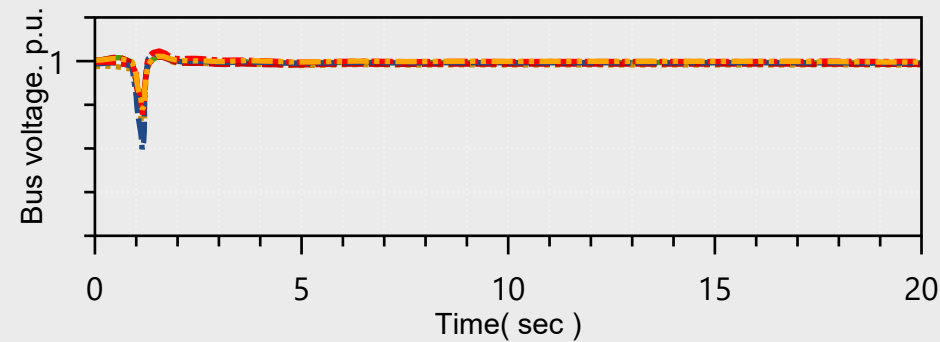
- vmeta: vbus 70627 LIMON3 345.00 1 1
- vmeta: vbus 70628 PRONGHORN 345.00 1 1
- - - vmeta: vbus 70630 SHORTGRASS 345.00 1 1
- - - vmeta: vbus 70653 TUNDRA 345.00 1 1
- . . vmeta: vbus 70654 COMANCHE 345.00 1 1
- . . vmeta: vbus 70764 RUSHCK1_W1W2 345.00 1 1

Voltage (pu)



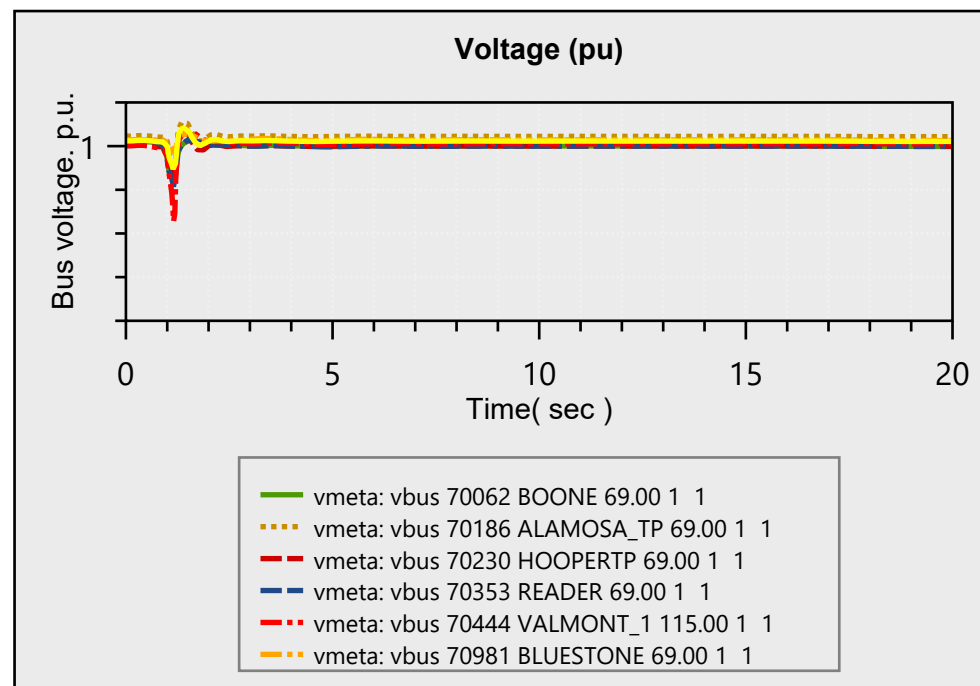
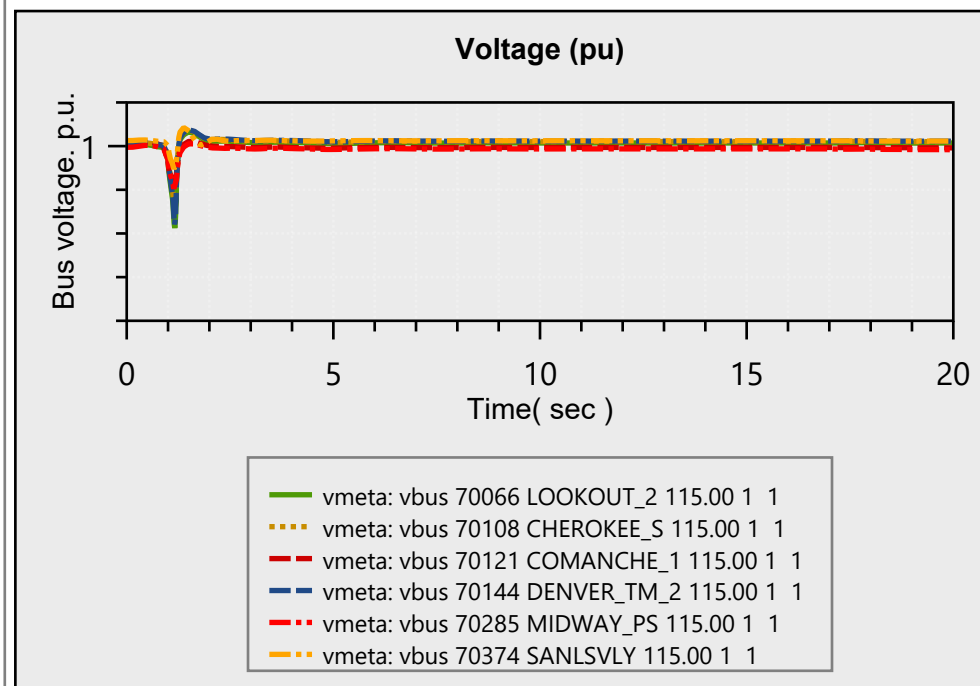
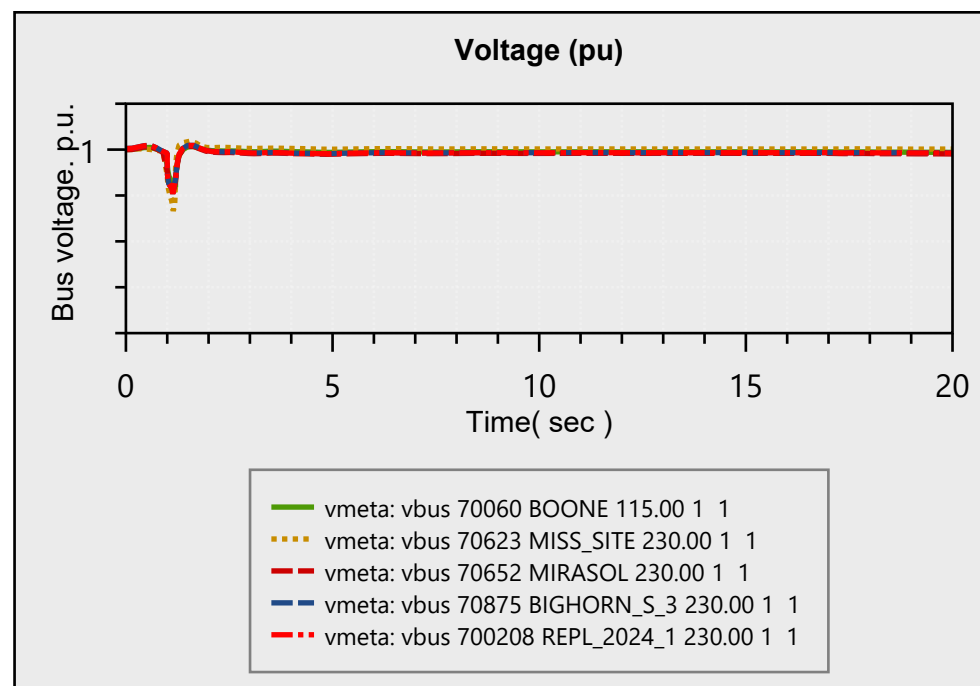
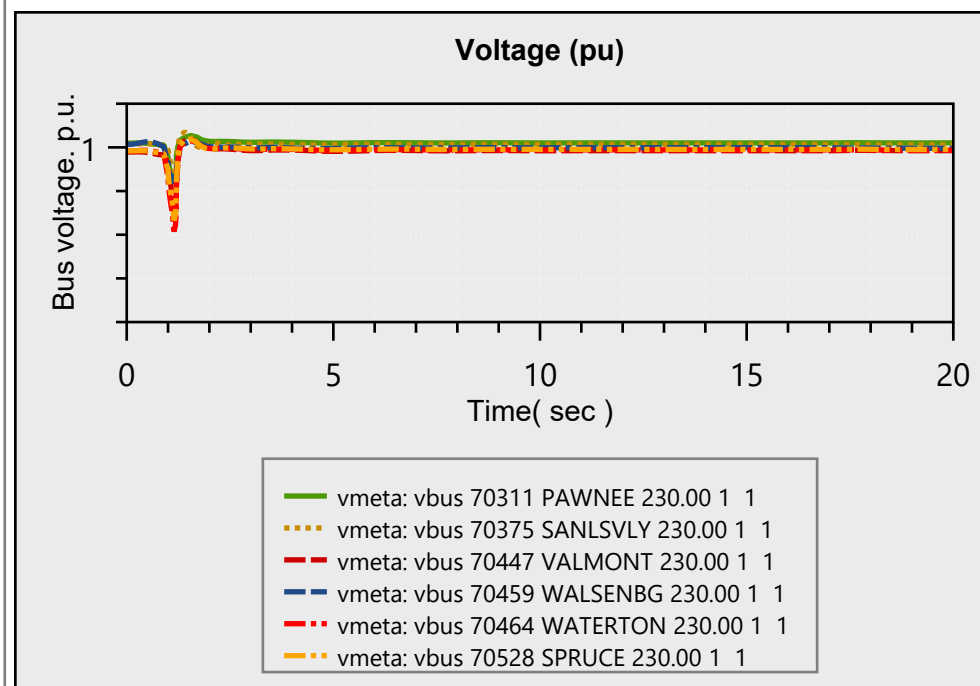
- vmeta: vbus 70018 SODA_LAKES 230.00 1 1
- vmeta: vbus 70038 ARAPAHOE 230.00 1 1
- - - vmeta: vbus 70915 CANAL_XING 345.00 1 1
- - - vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
- . . vmeta: vbus 70916 FT_ST_VRAIN 345.00 1 1

Voltage (pu)

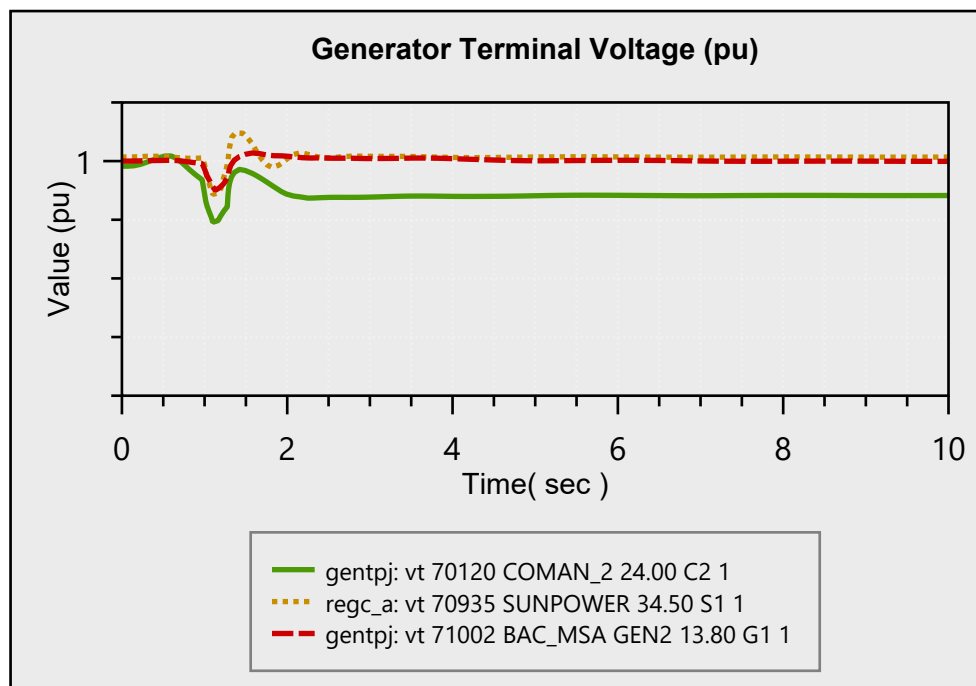
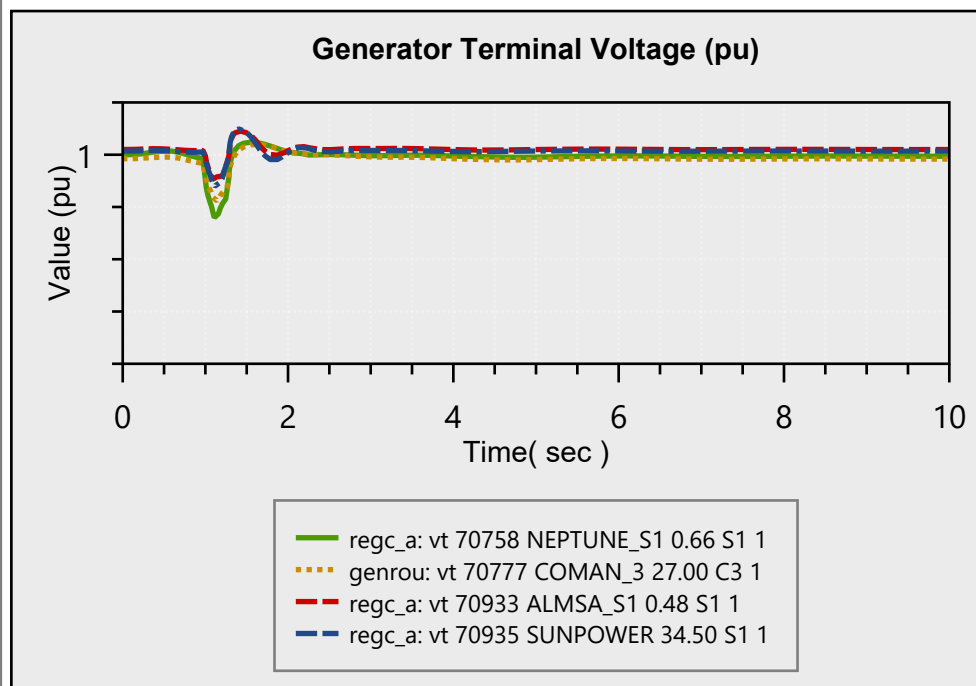
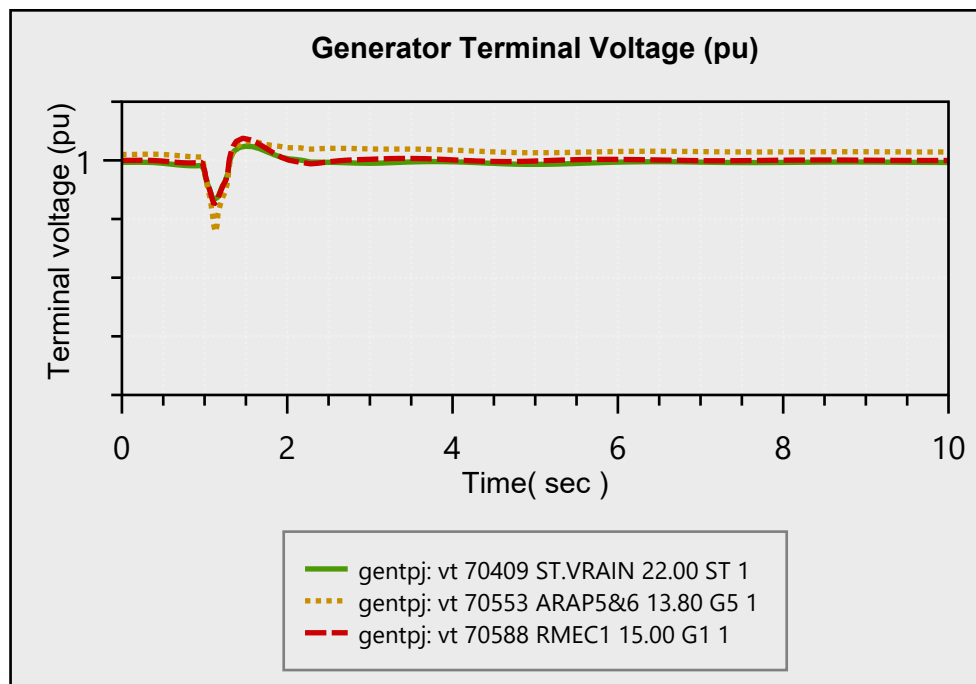
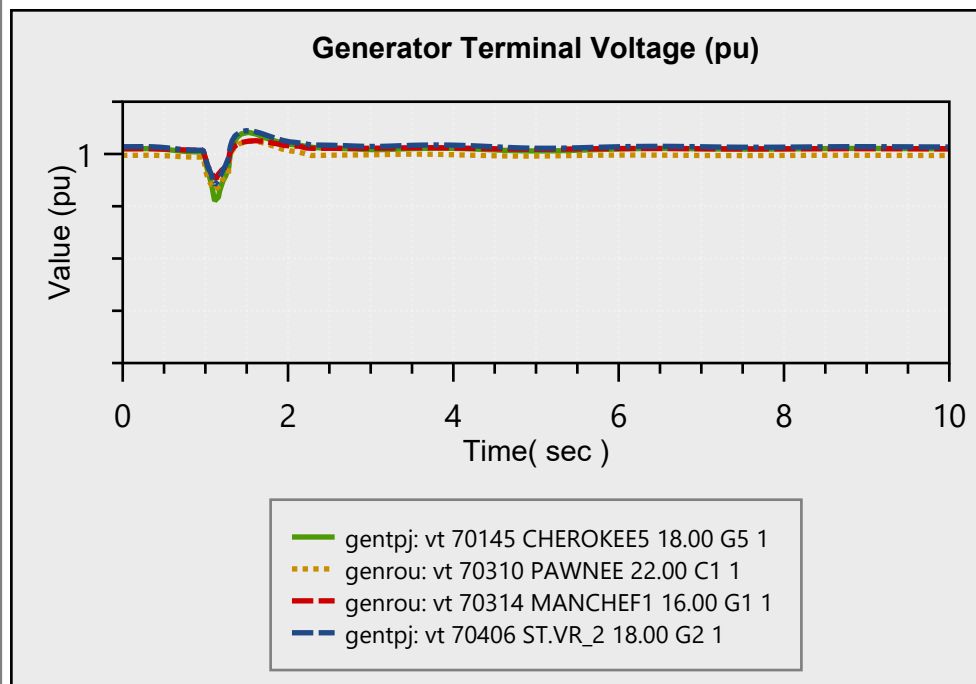


- vmeta: vbus 70061 BOONE 230.00 1 1
- vmeta: vbus 70107 CHEROKEE 230.00 1 1
- - - vmeta: vbus 70122 COMANCHE 230.00 1 1
- - - vmeta: vbus 70139 DANIEL_PK 230.00 1 1
- . . vmeta: vbus 70192 FT_LUPTON 230.00 1 1
- . . vmeta: vbus 70286 MIDWAY_PS 230.00 1 1

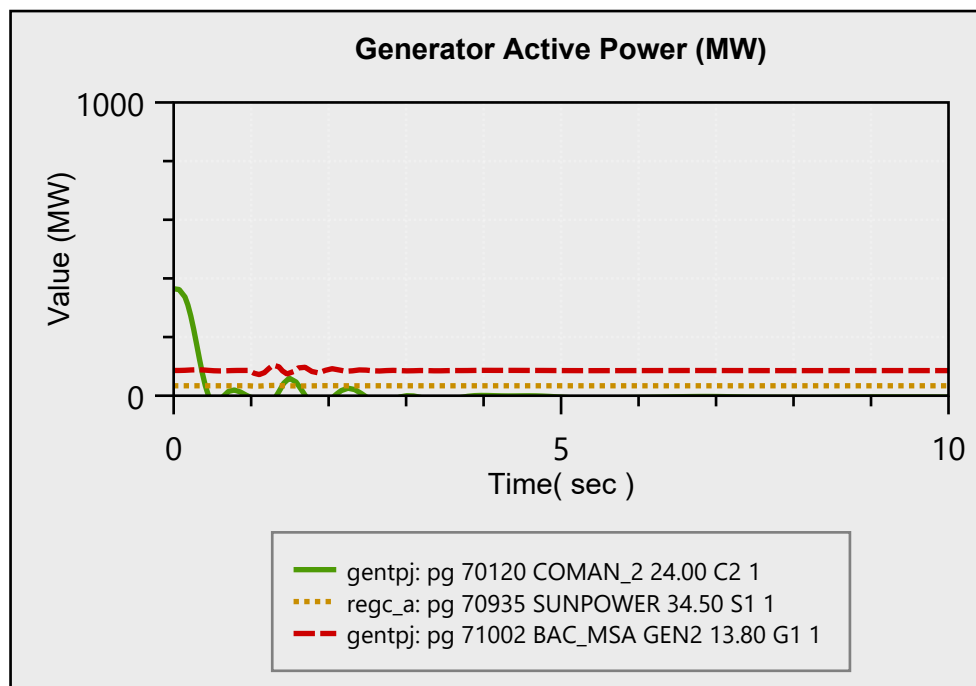
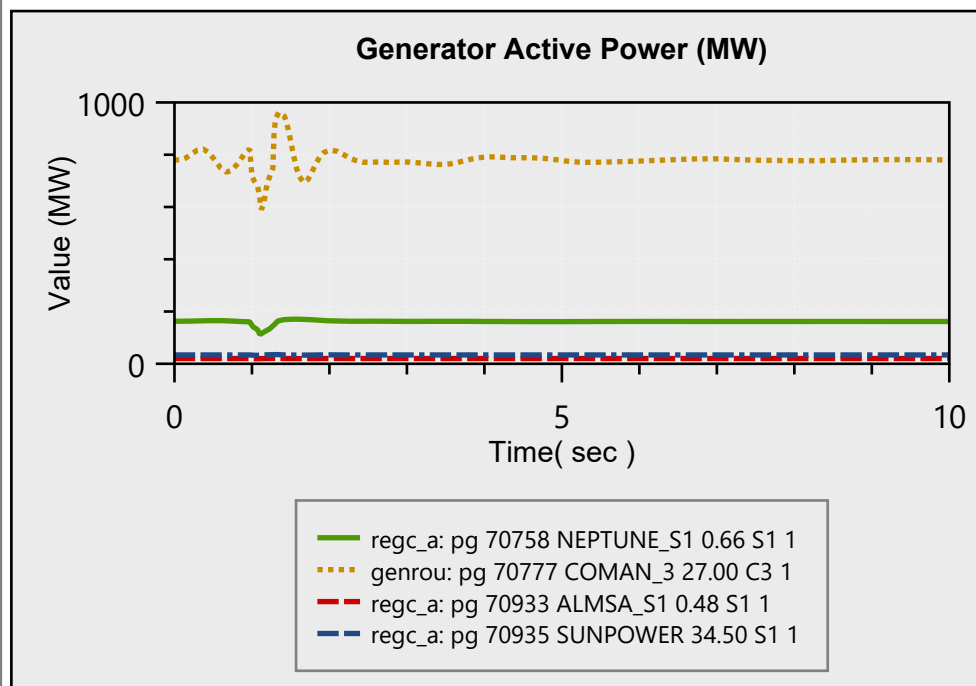
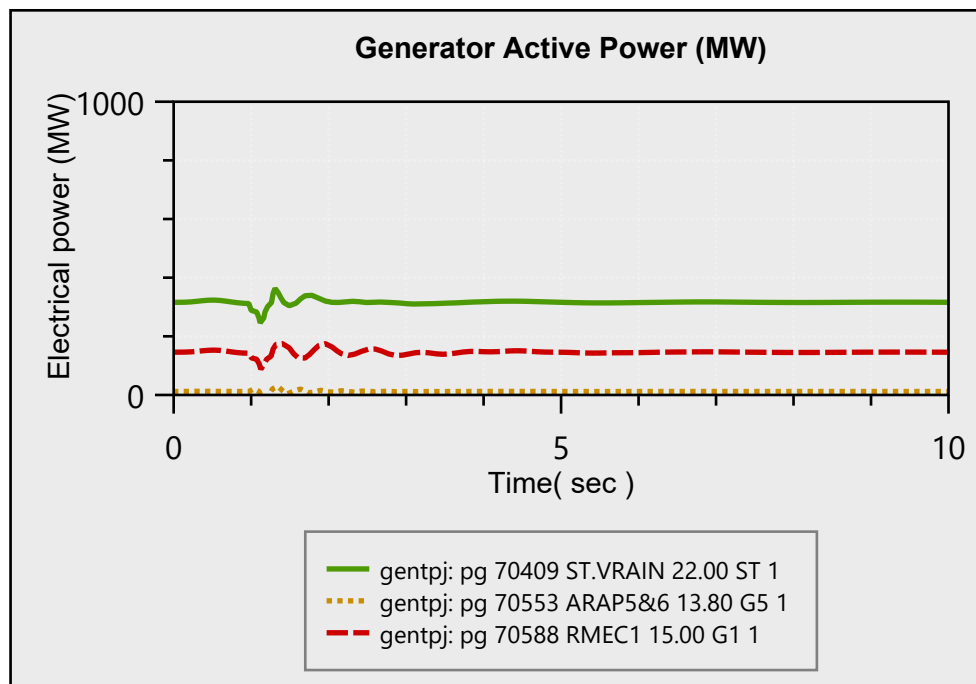
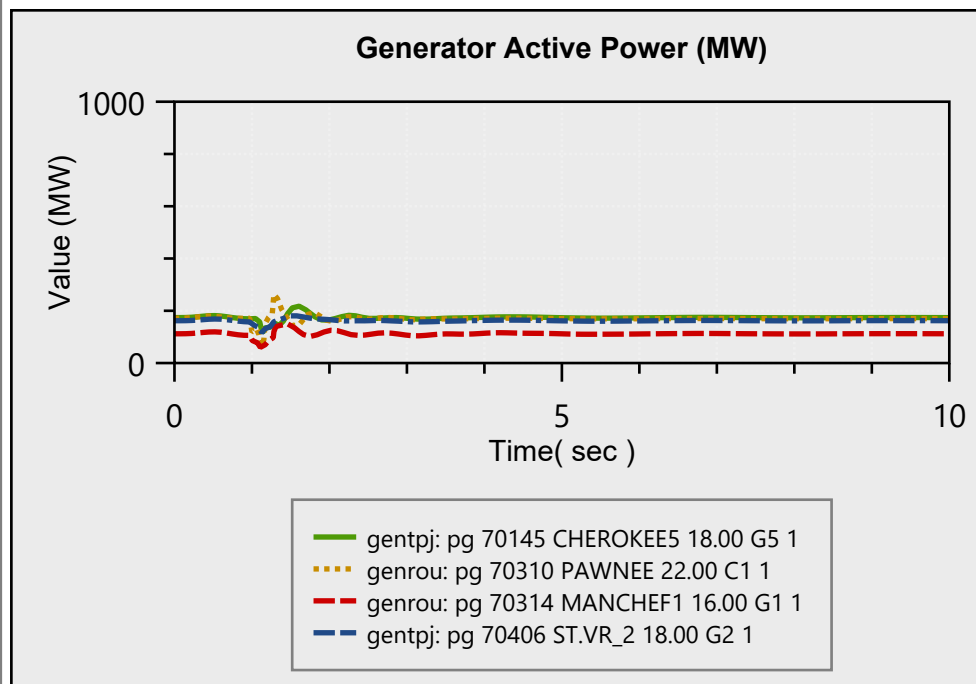
OUTPUTS



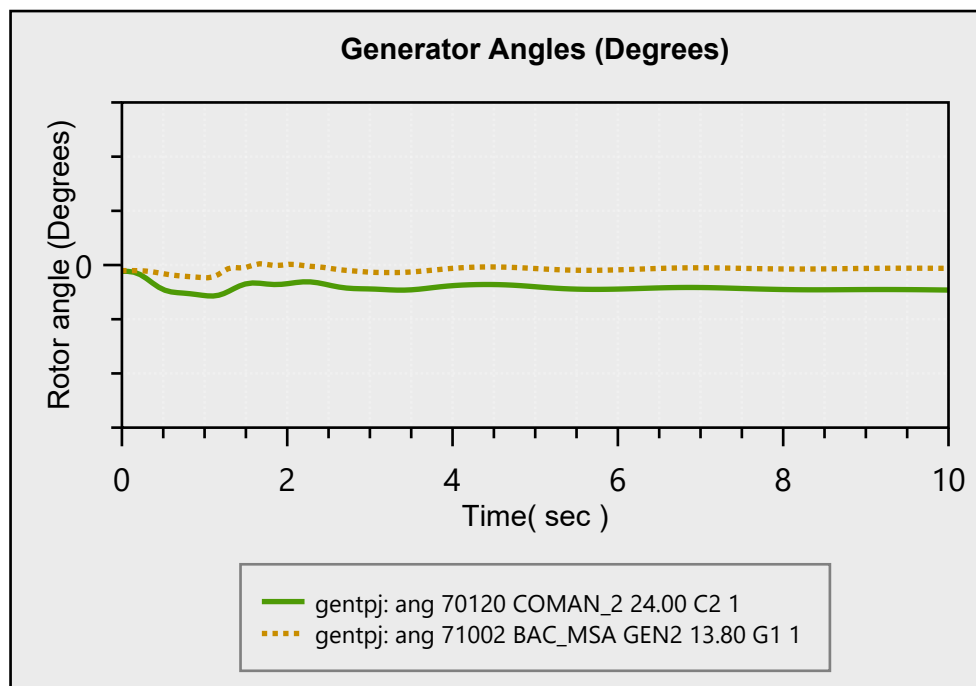
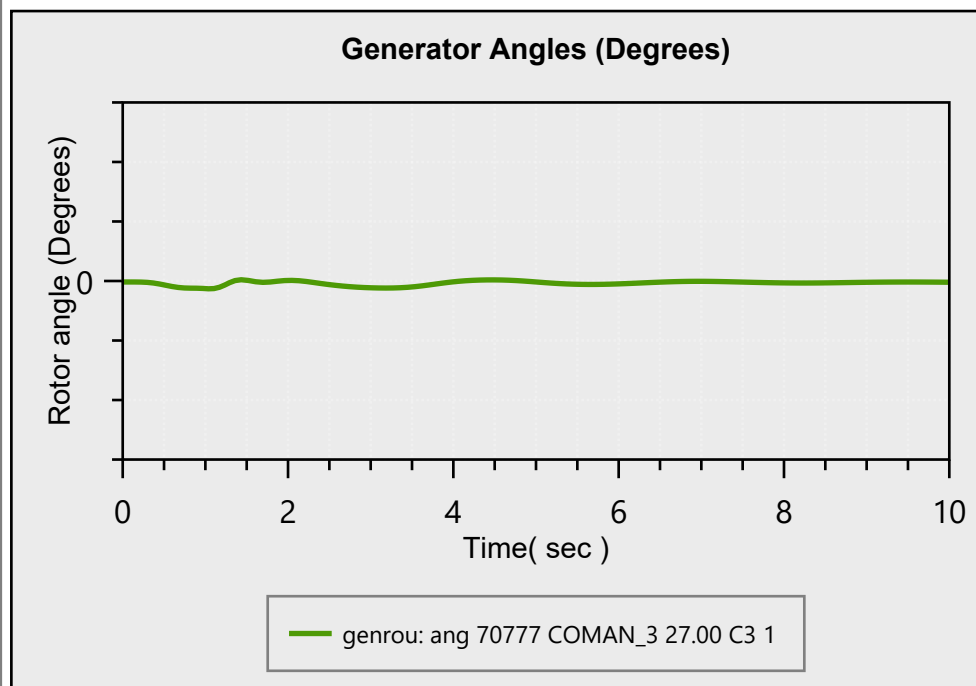
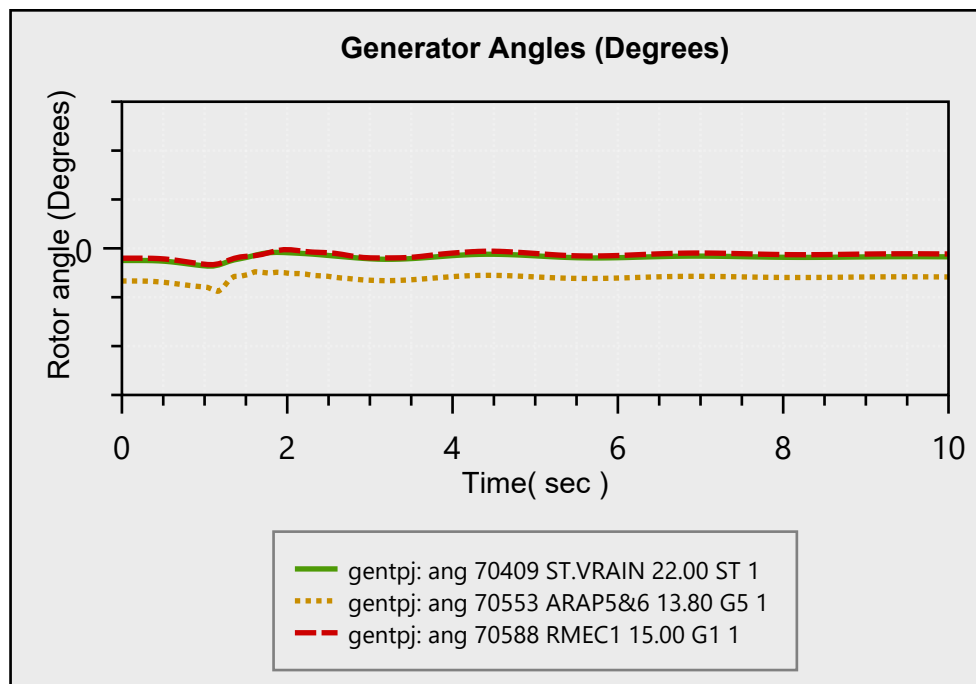
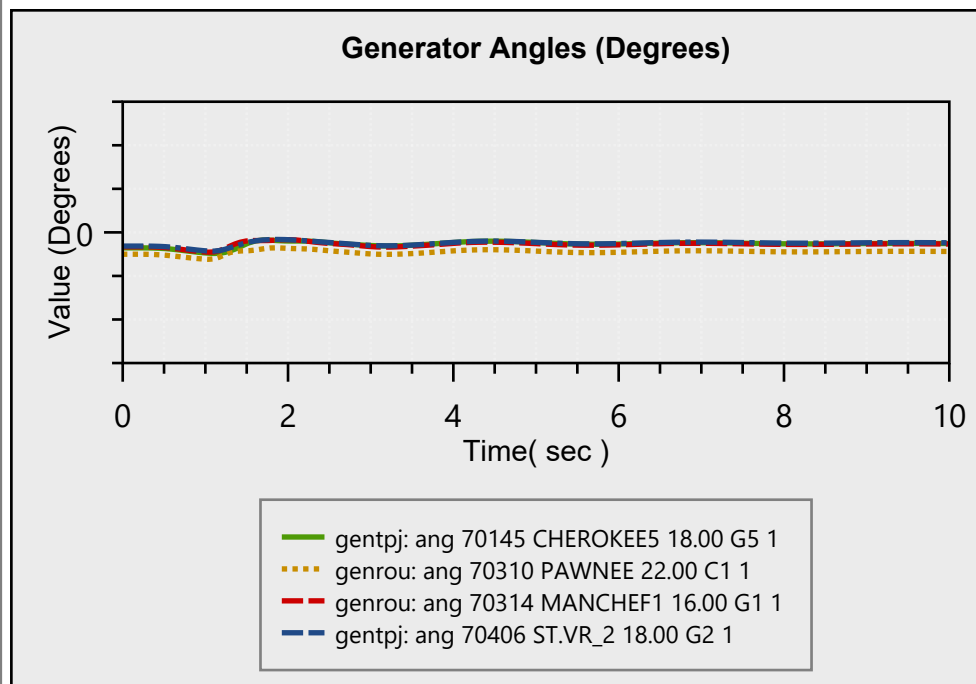
OUTPUTS



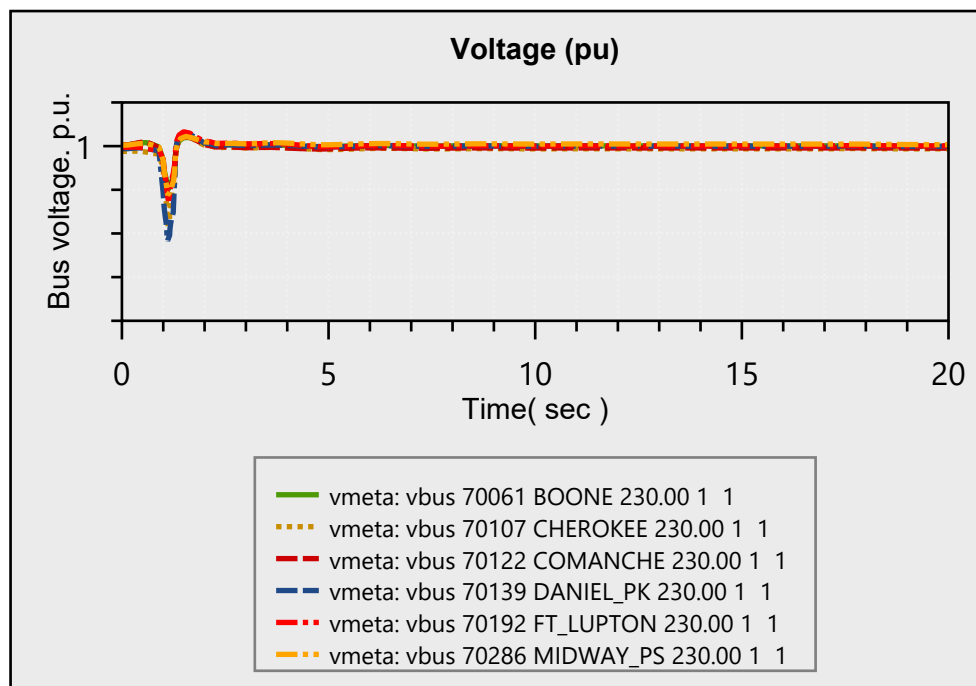
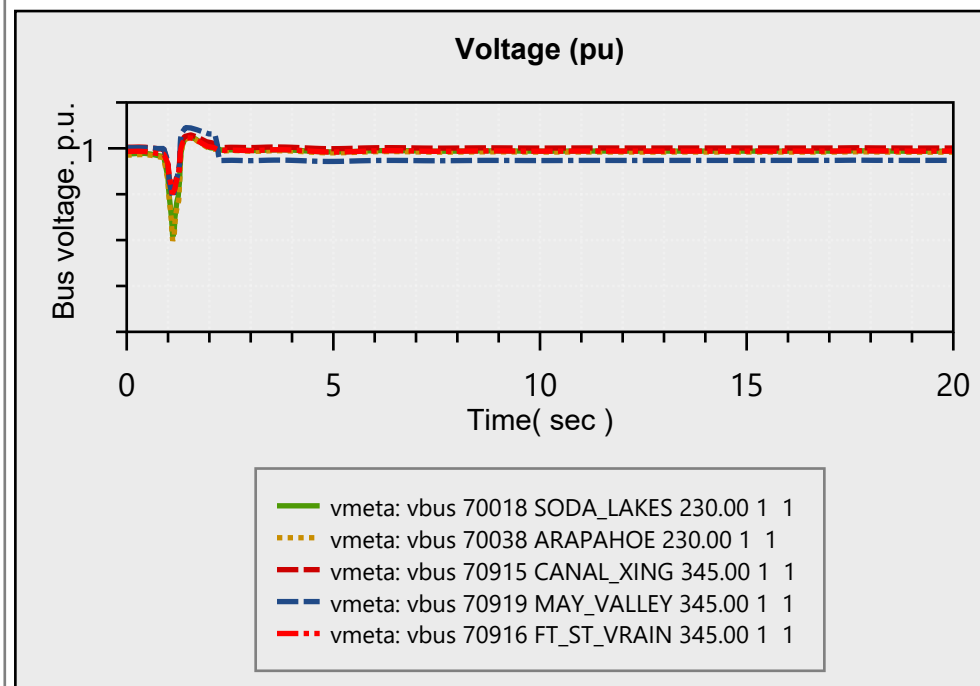
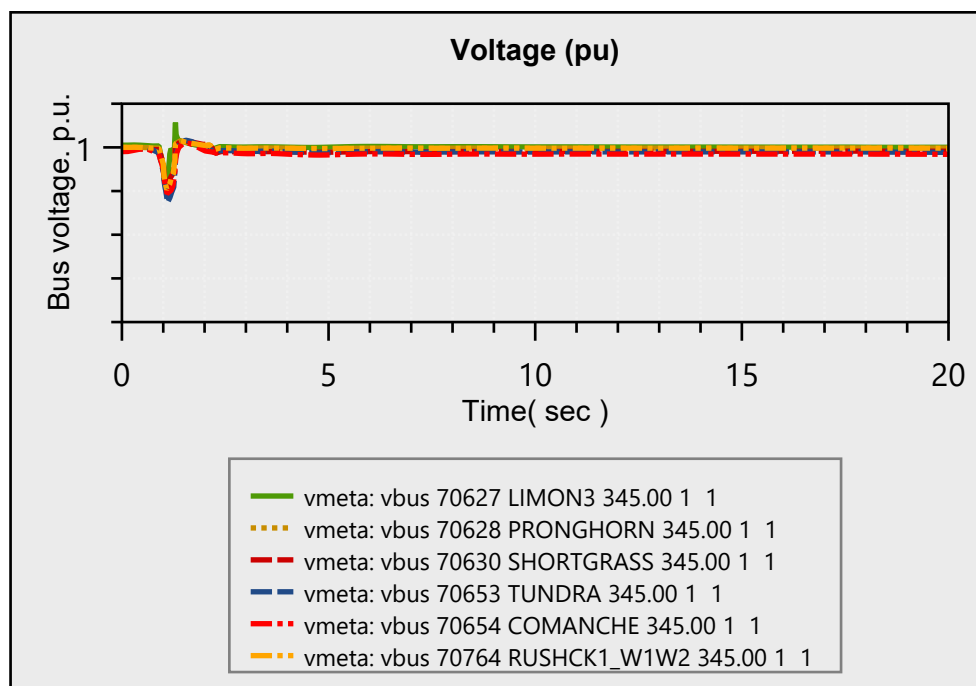
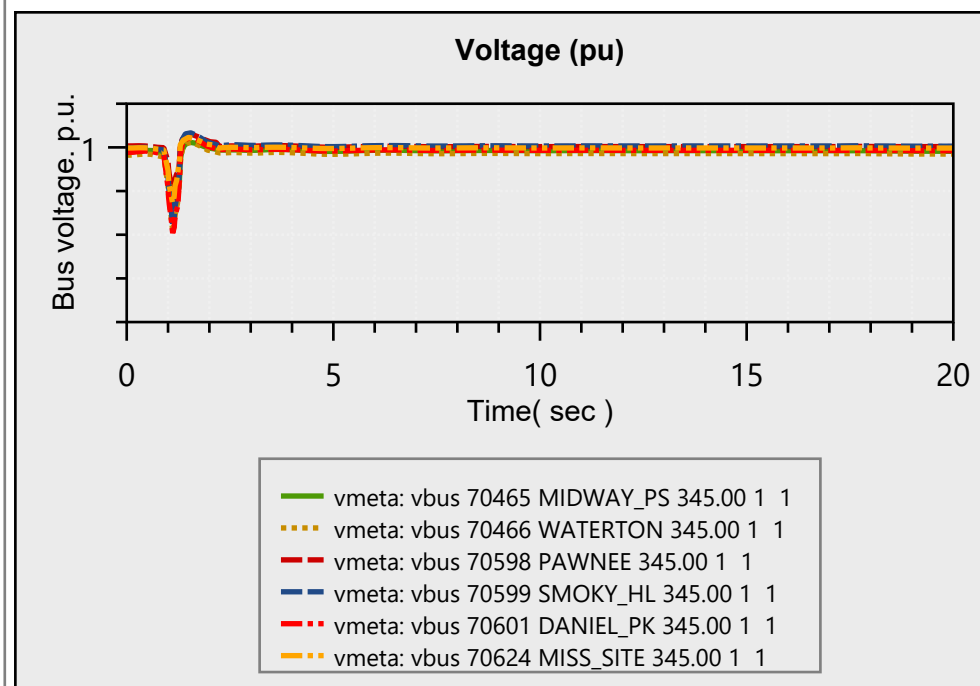
OUTPUTS



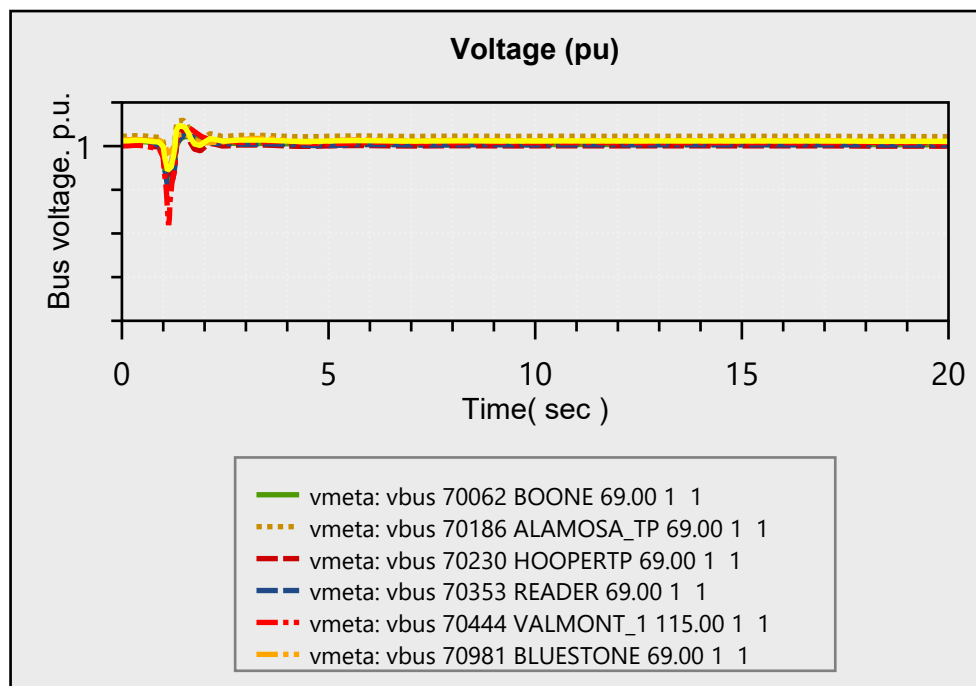
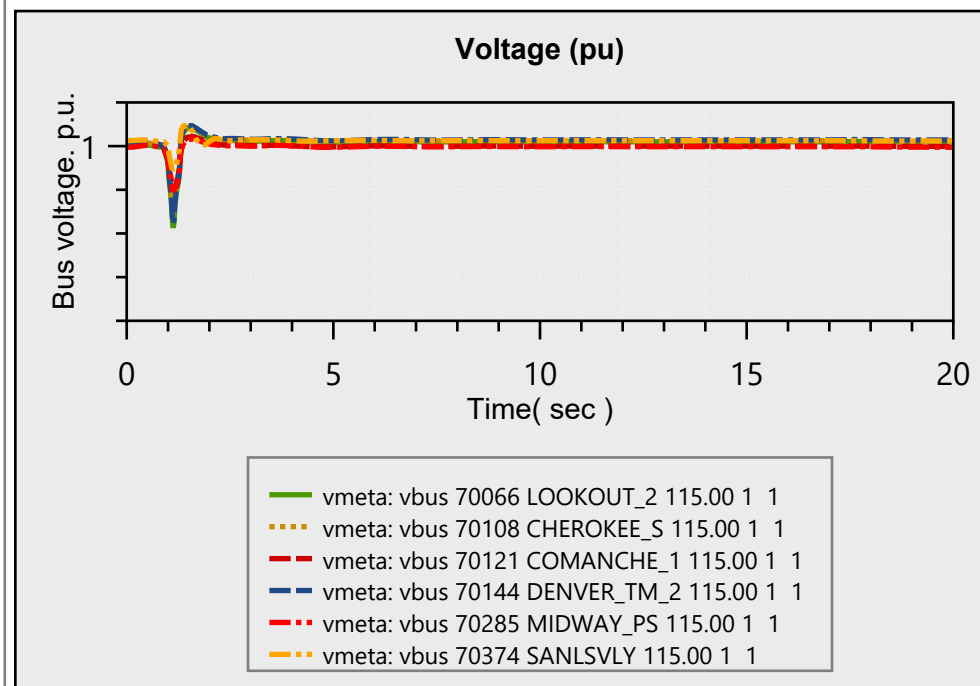
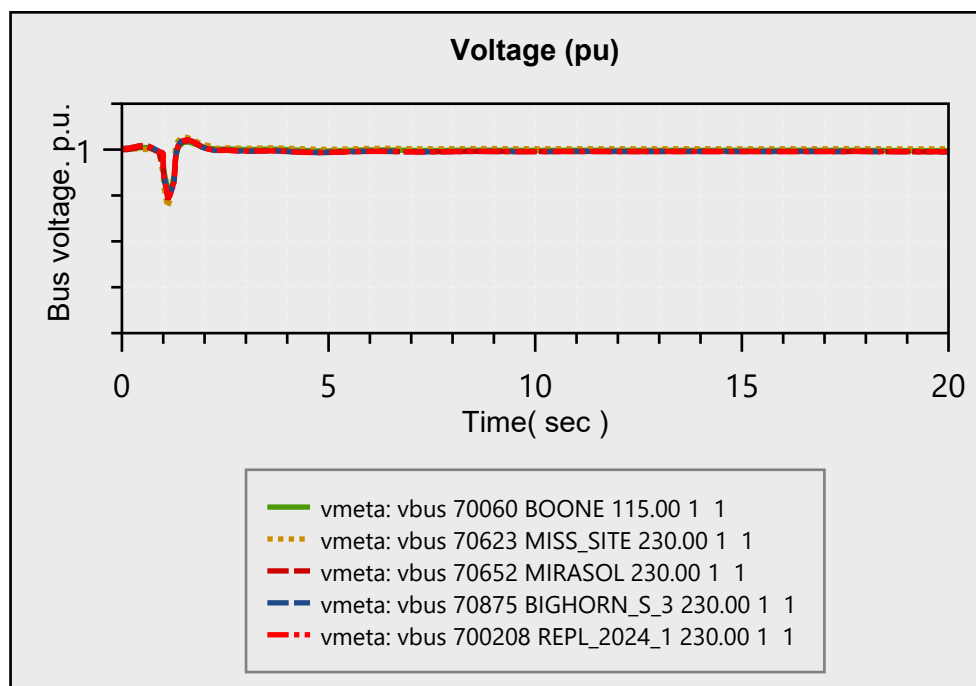
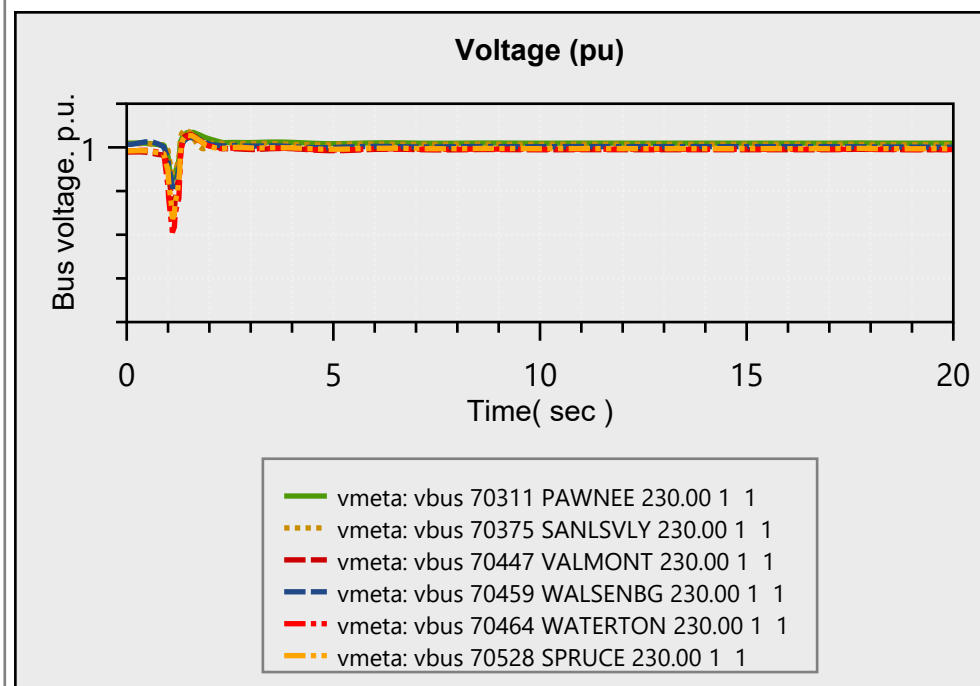
OUTPUTS



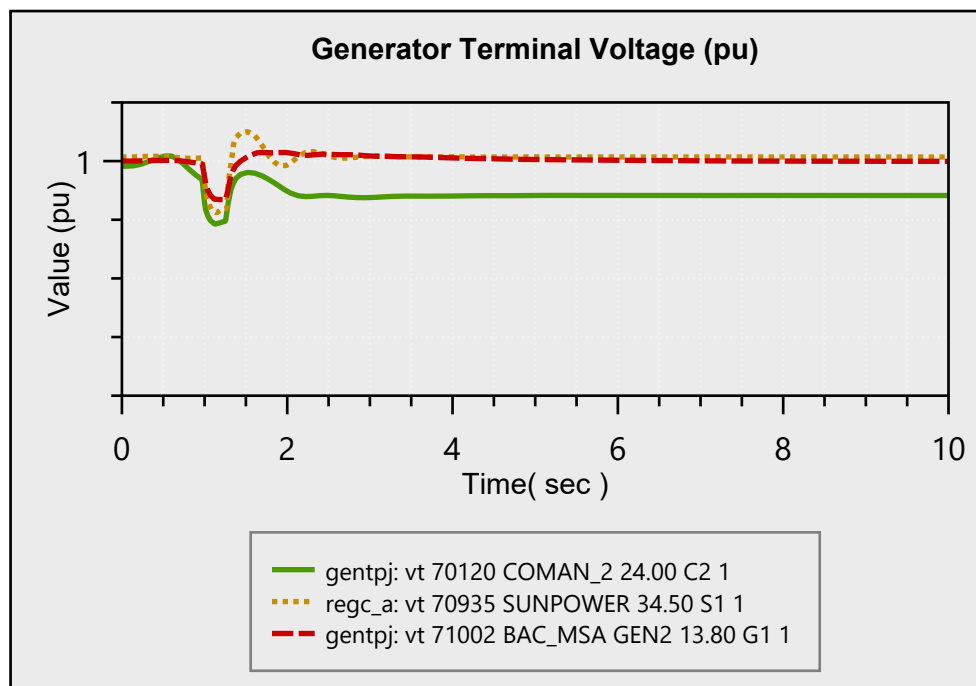
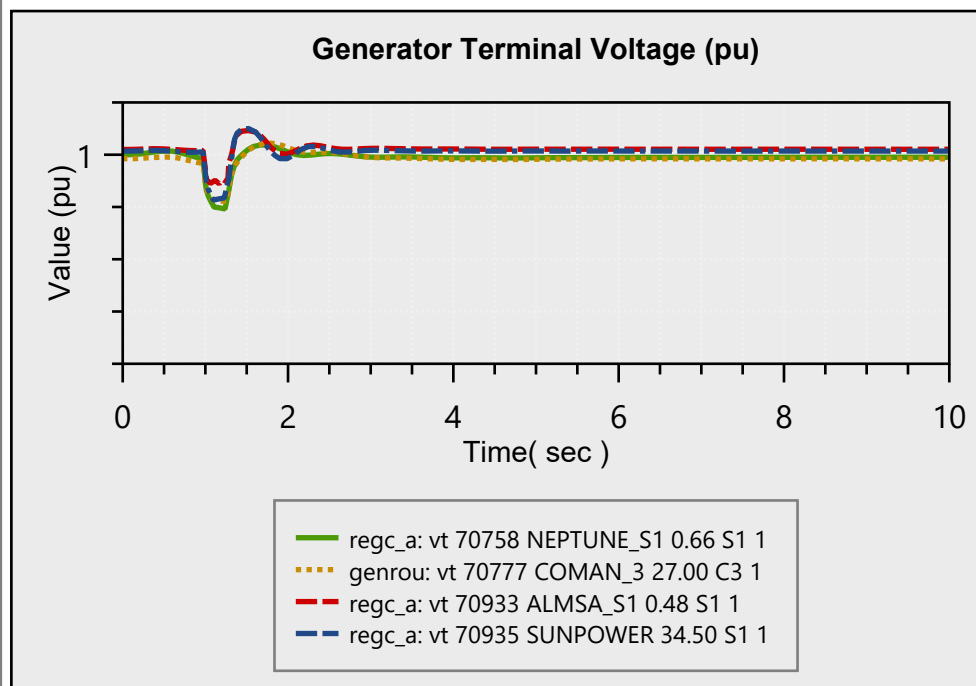
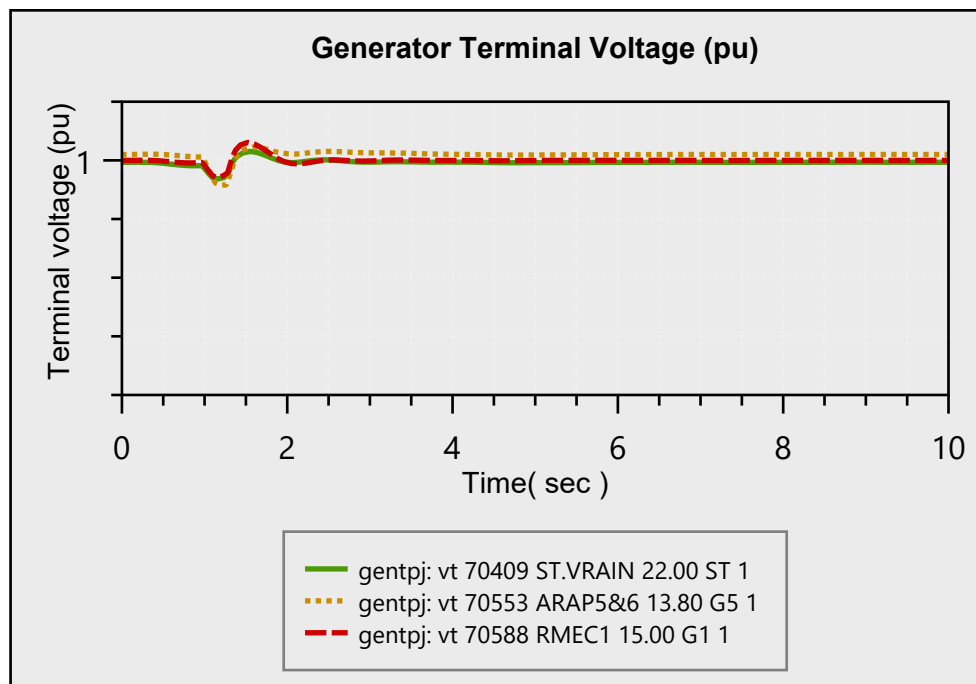
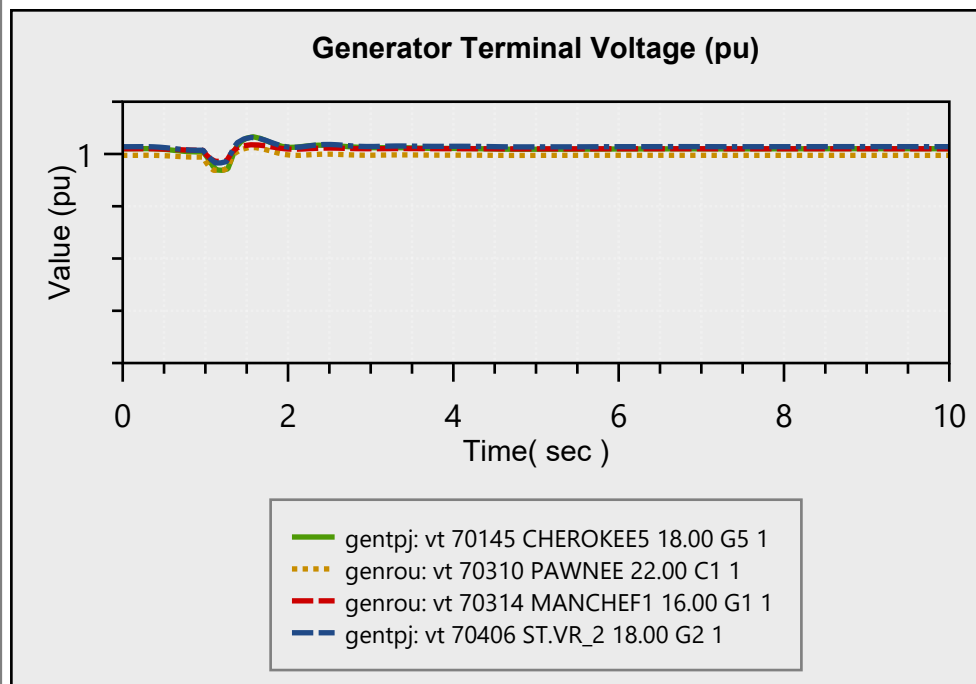
OUTPUTS



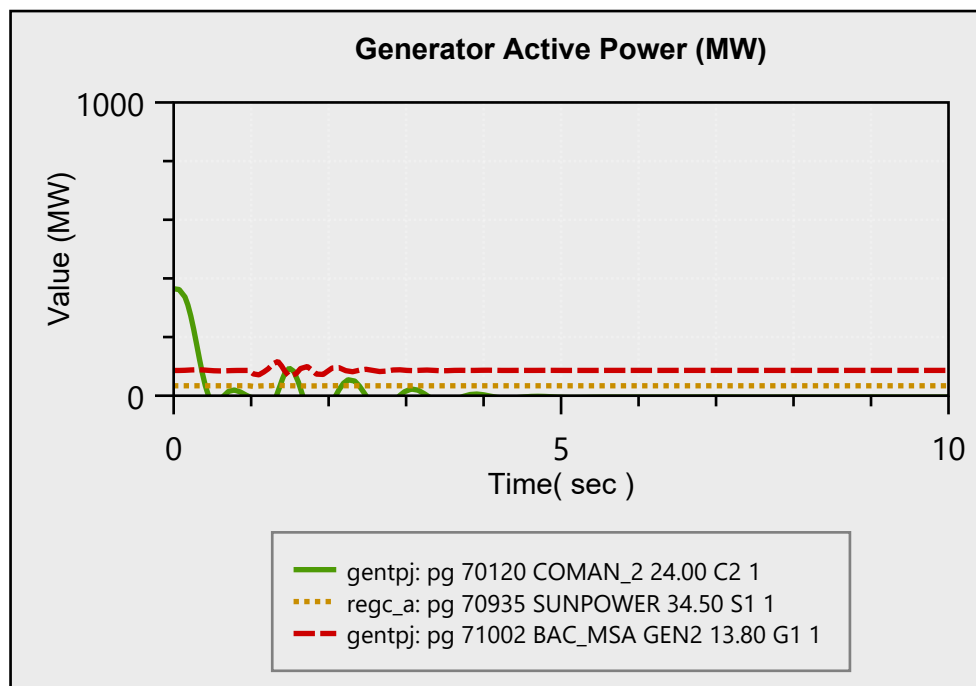
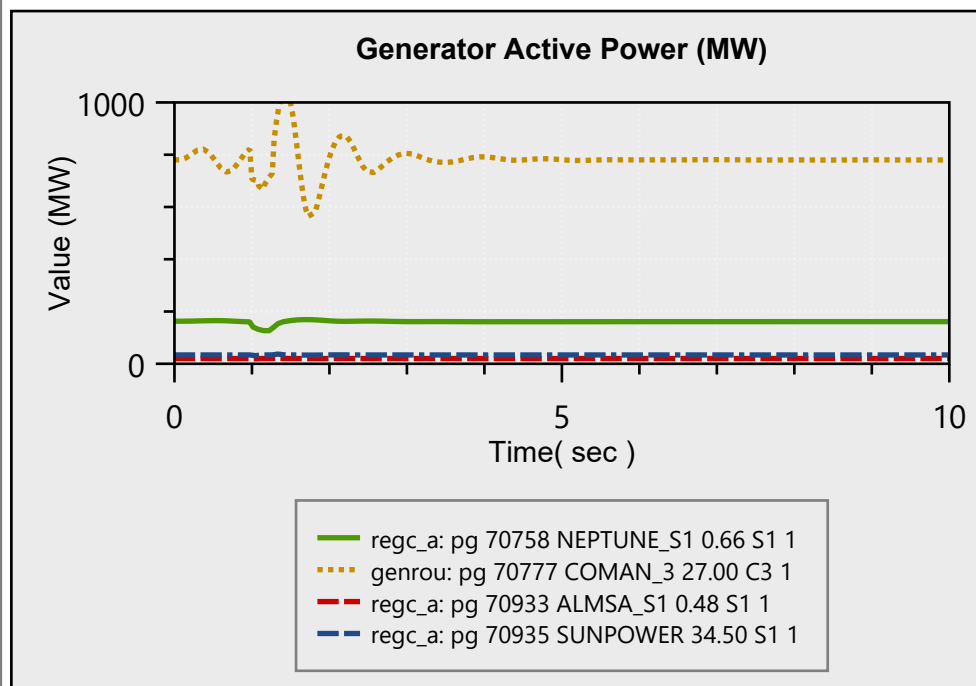
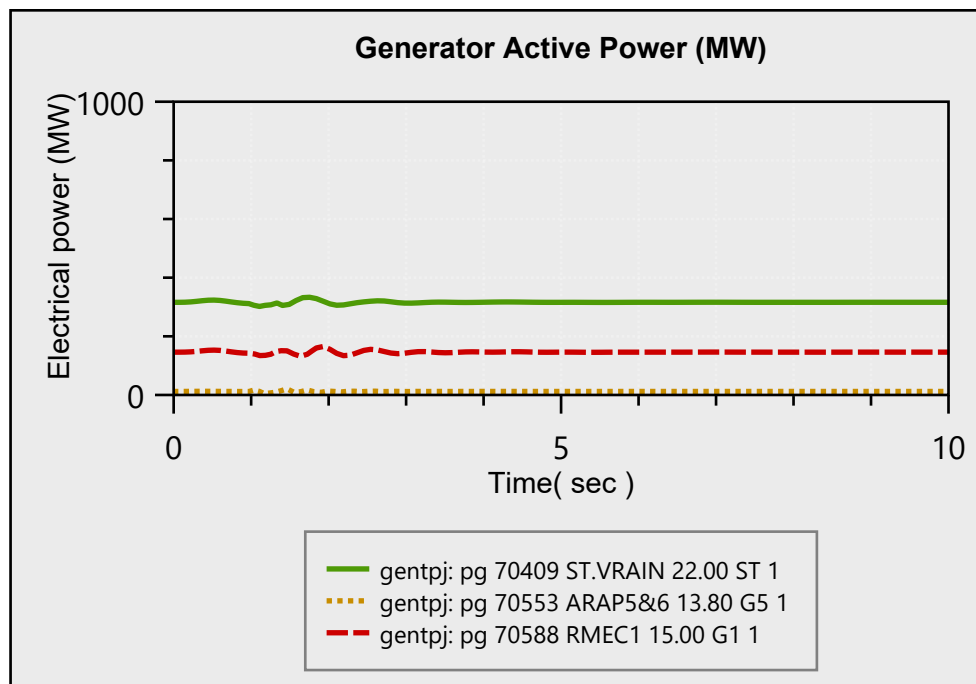
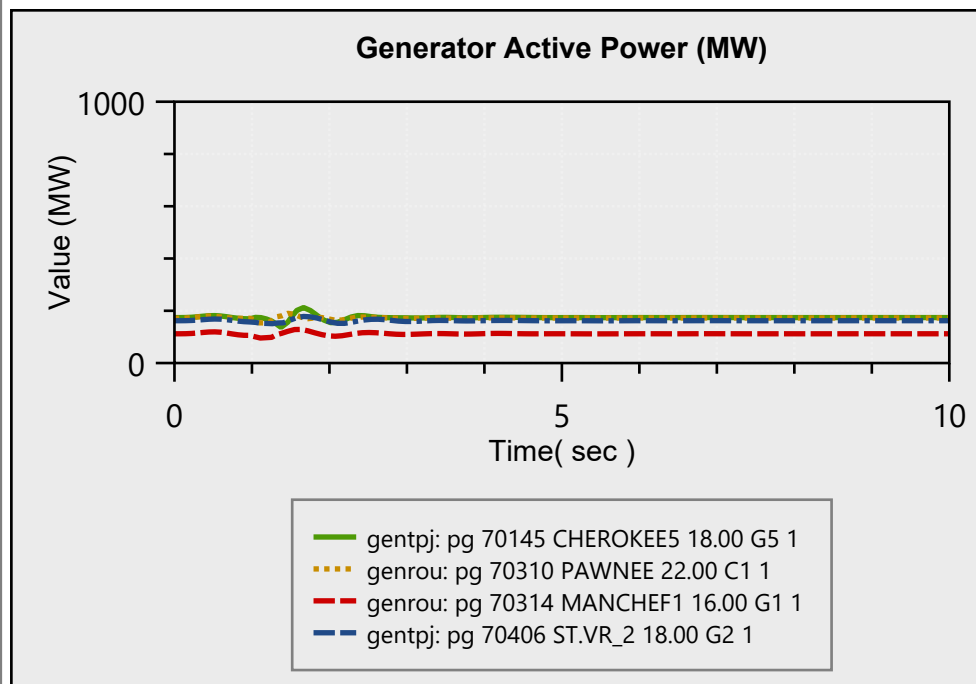
OUTPUTS



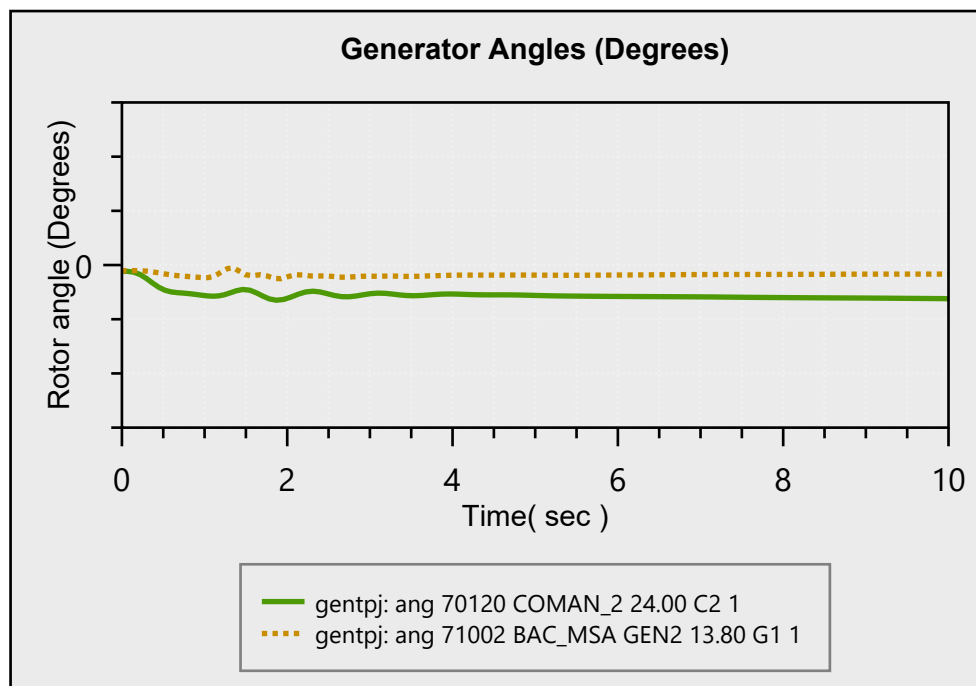
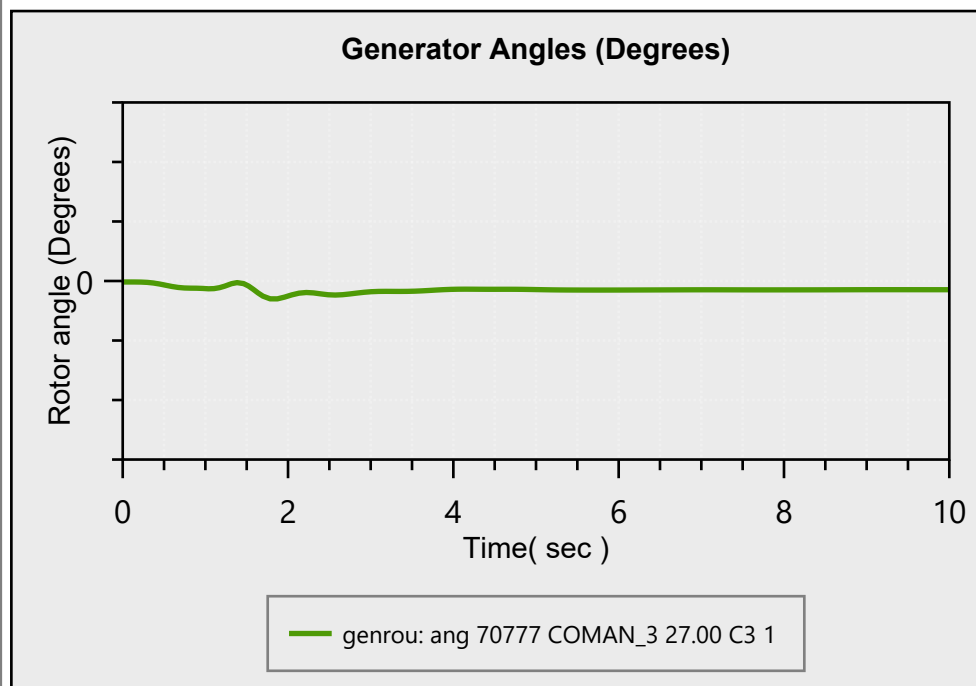
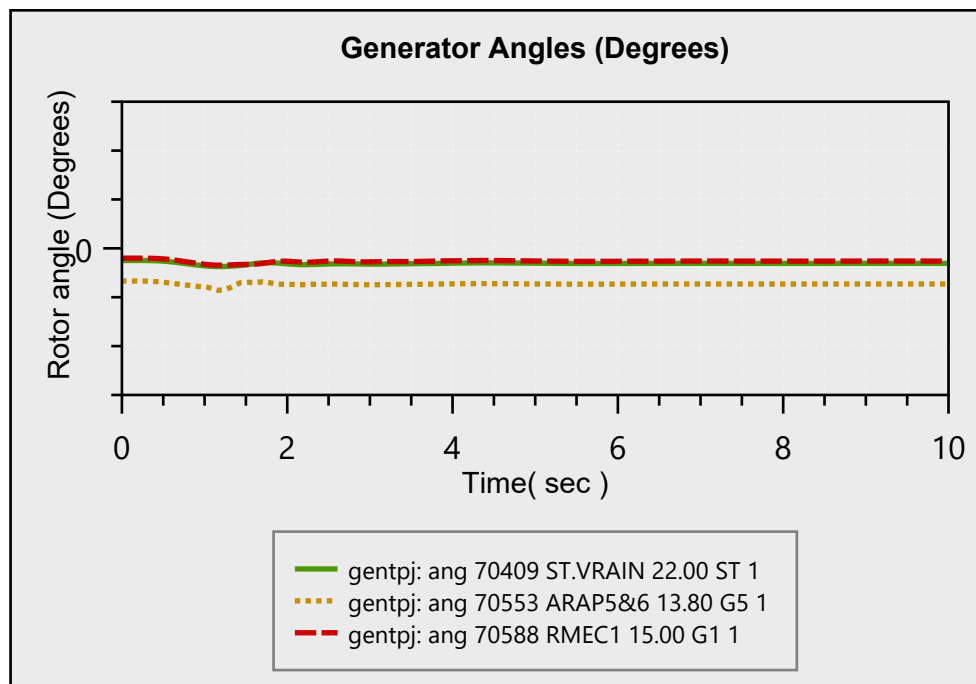
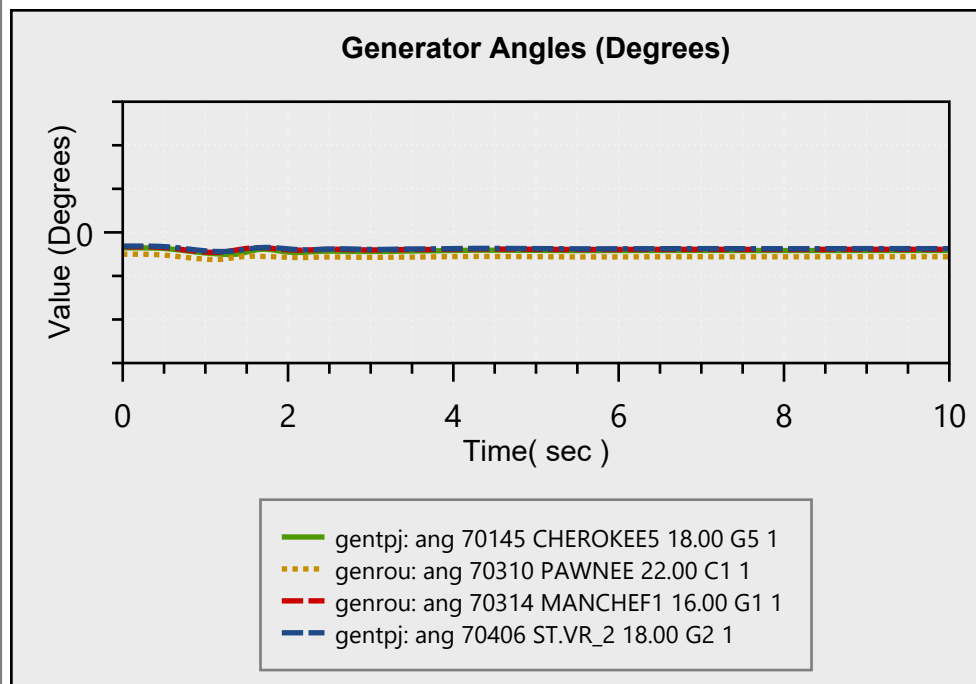
OUTPUTS



OUTPUTS

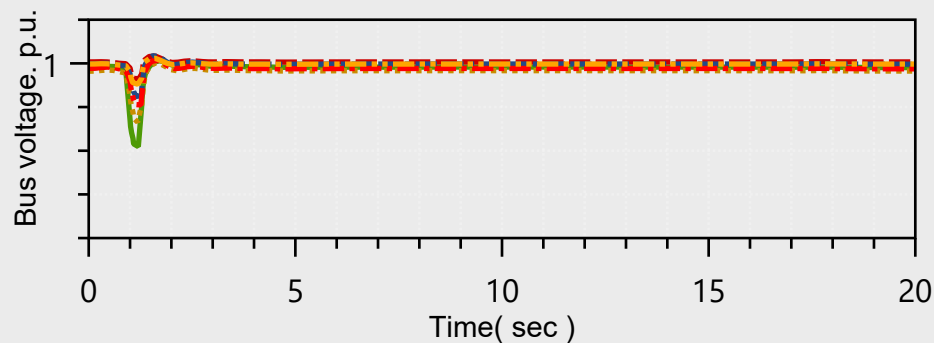


OUTPUTS



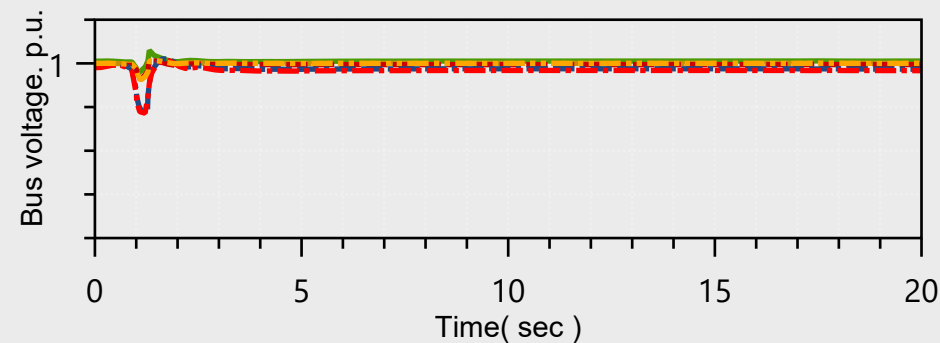
OUTPUTS

Voltage (pu)



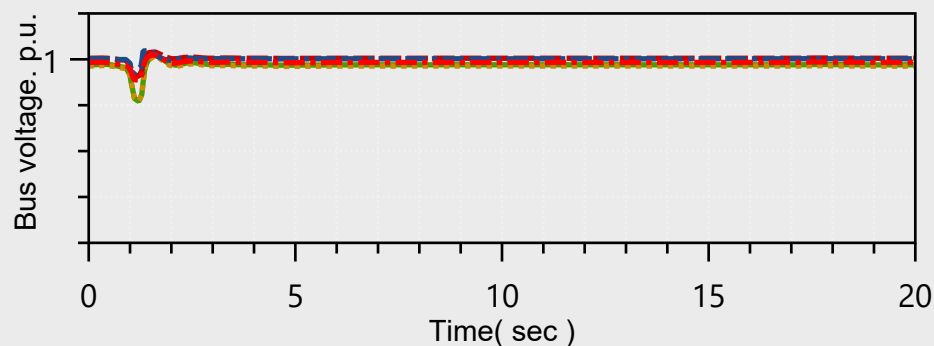
— vmeta: vbus 70465 MIDWAY_PS 345.00 1 1
 vmeta: vbus 70466 WATERTON 345.00 1 1
 - - - vmeta: vbus 70598 PAWNEE 345.00 1 1
 - - - vmeta: vbus 70599 SMOKY_HL 345.00 1 1
 - . . vmeta: vbus 70601 DANIEL_PK 345.00 1 1
 - . . vmeta: vbus 70624 MISS_SITE 345.00 1 1

Voltage (pu)



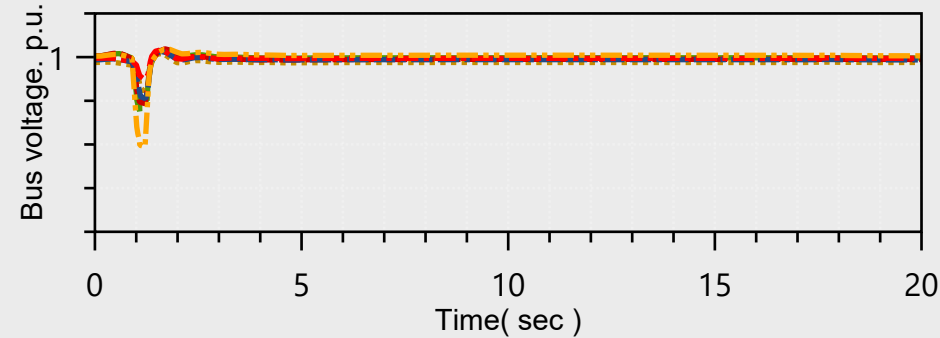
— vmeta: vbus 70627 LIMON3 345.00 1 1
 vmeta: vbus 70628 PRONGHORN 345.00 1 1
 - - - vmeta: vbus 70630 SHORTGRASS 345.00 1 1
 - - - vmeta: vbus 70653 TUNDRA 345.00 1 1
 - . . vmeta: vbus 70654 COMANCHE 345.00 1 1
 - . . vmeta: vbus 70764 RUSHCK1_W1W2 345.00 1 1

Voltage (pu)



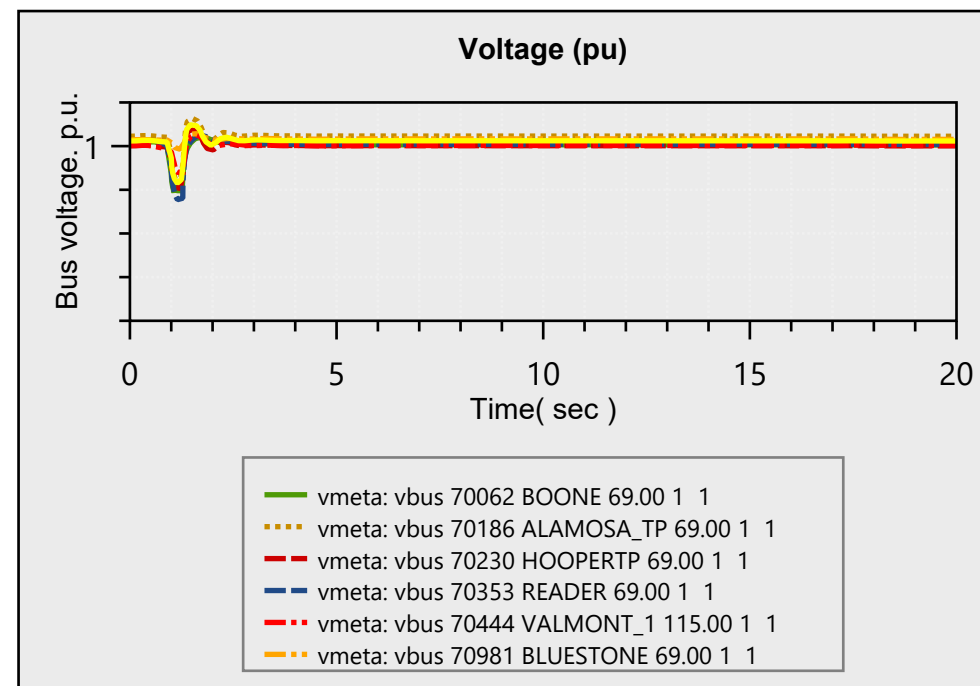
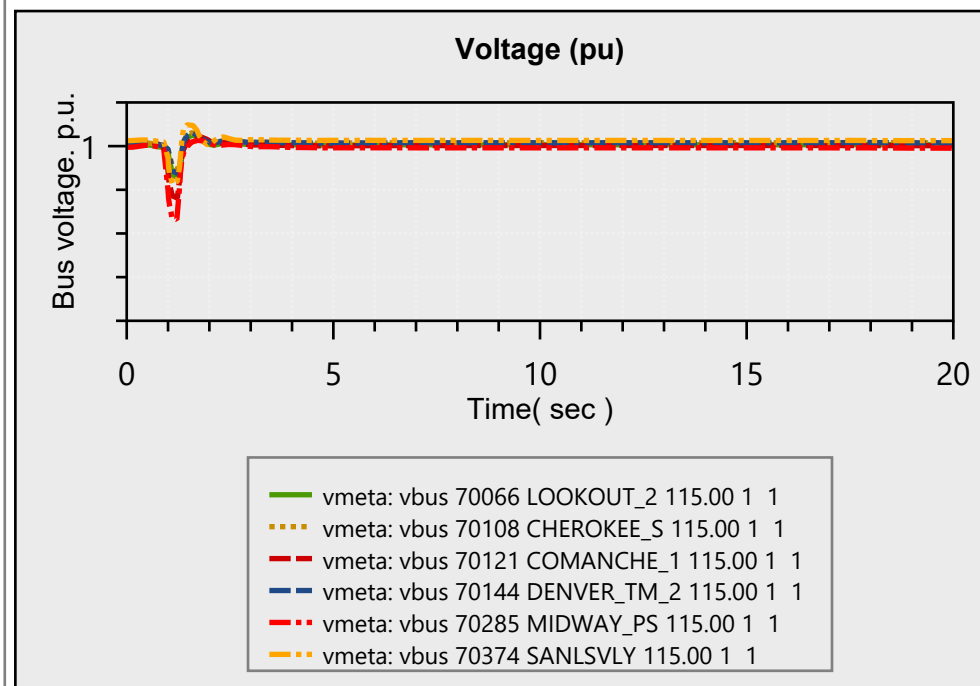
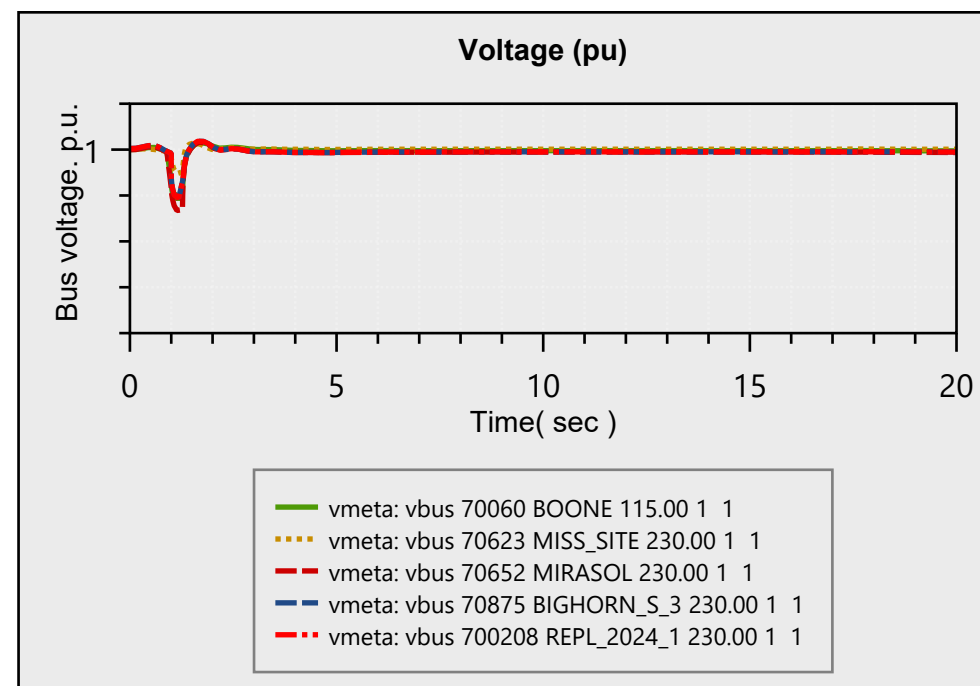
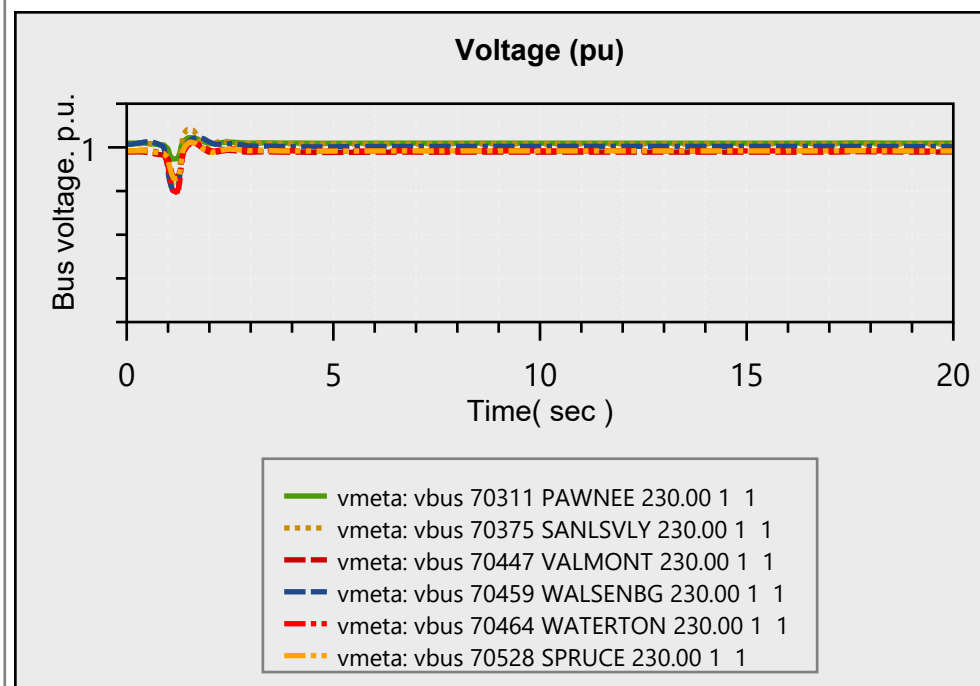
— vmeta: vbus 70018 SODA_LAKES 230.00 1 1
 vmeta: vbus 70038 ARAPAHOE 230.00 1 1
 - - - vmeta: vbus 70915 CANAL_XING 345.00 1 1
 - - - vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
 - . . vmeta: vbus 70916 FT_ST_VRAIN 345.00 1 1

Voltage (pu)

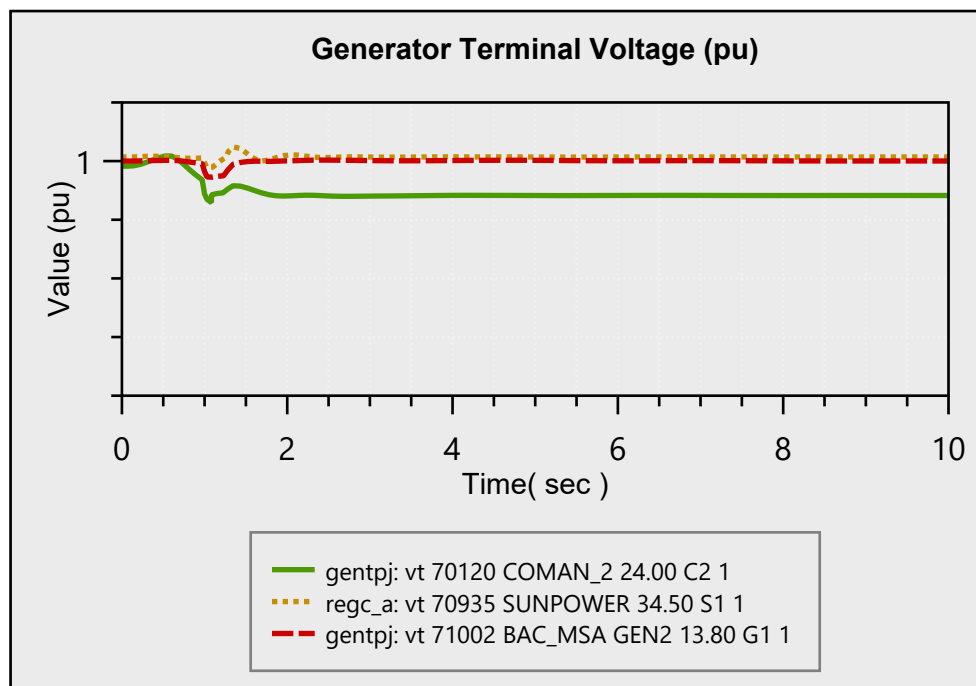
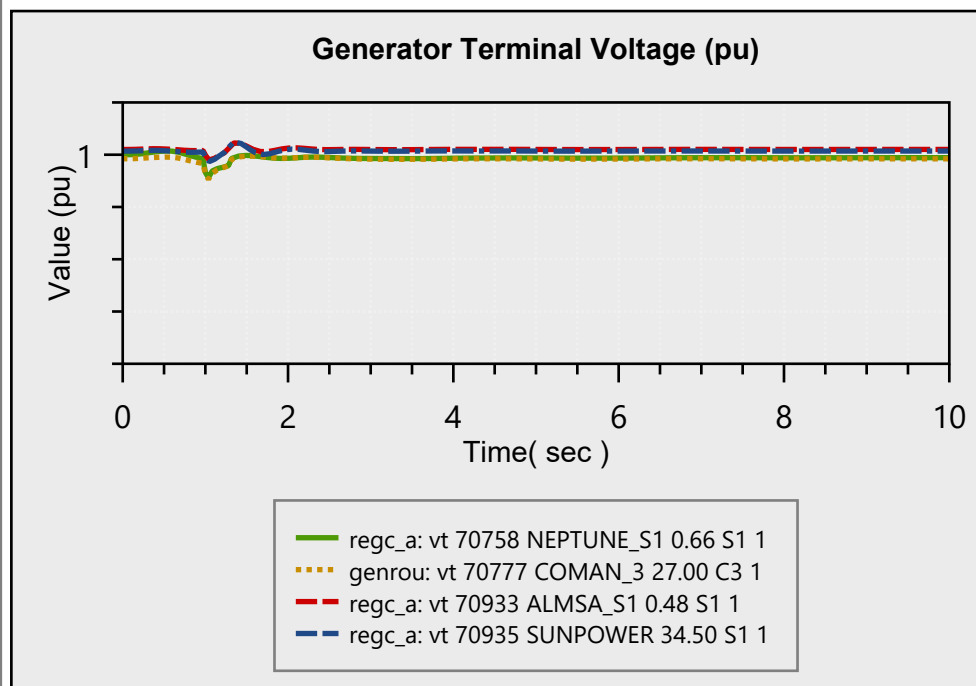
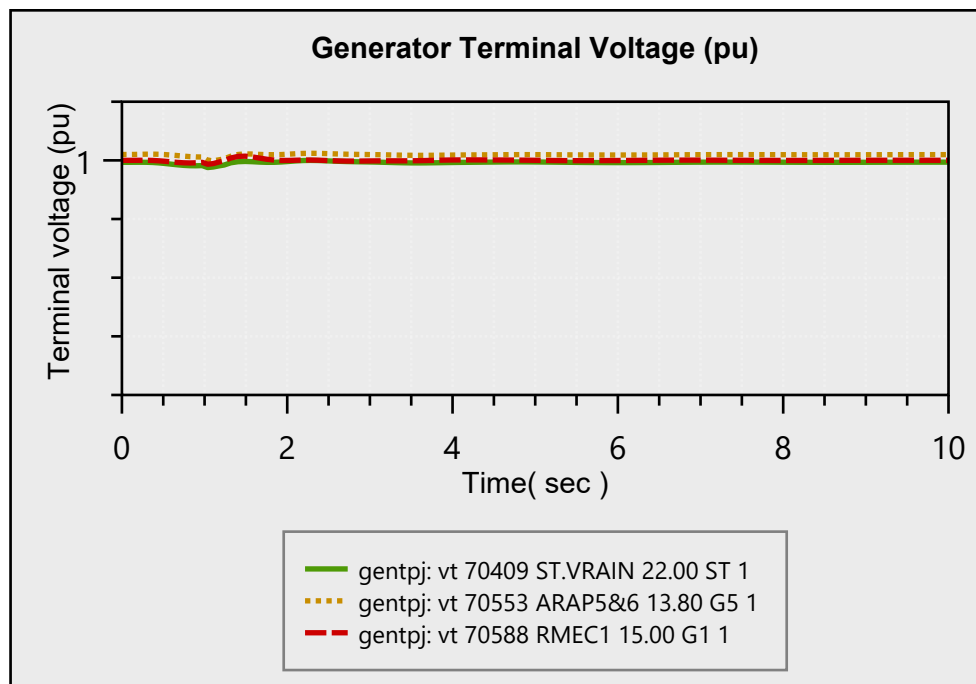
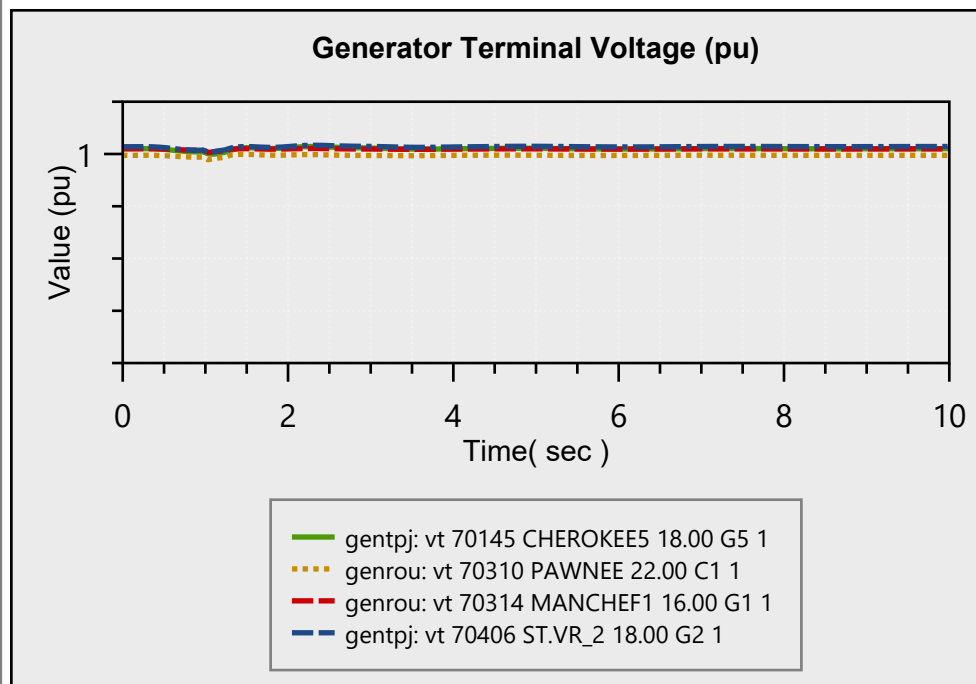


— vmeta: vbus 70061 BOONE 230.00 1 1
 vmeta: vbus 70107 CHEROKEE 230.00 1 1
 - - - vmeta: vbus 70122 COMANCHE 230.00 1 1
 - - - vmeta: vbus 70139 DANIEL_PK 230.00 1 1
 - . . vmeta: vbus 70192 FT_LUPTON 230.00 1 1
 - . . vmeta: vbus 70286 MIDWAY_PS 230.00 1 1

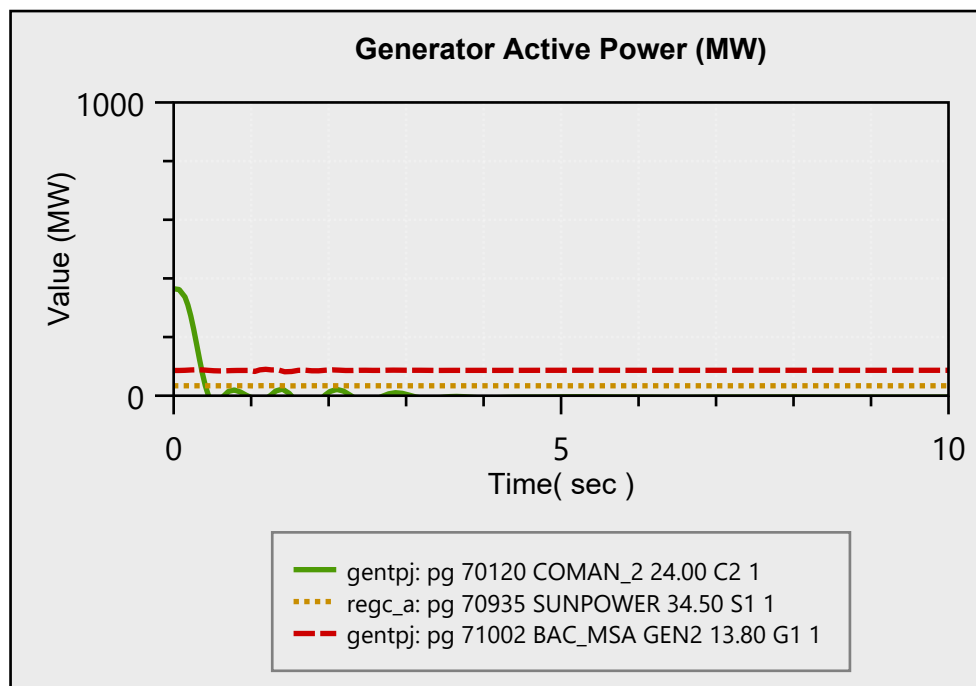
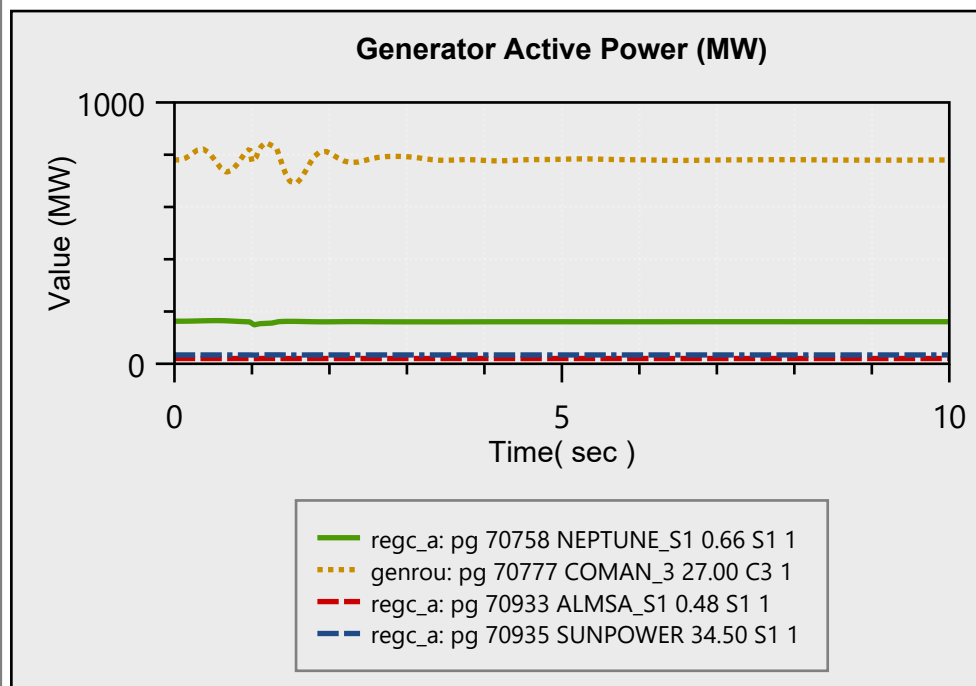
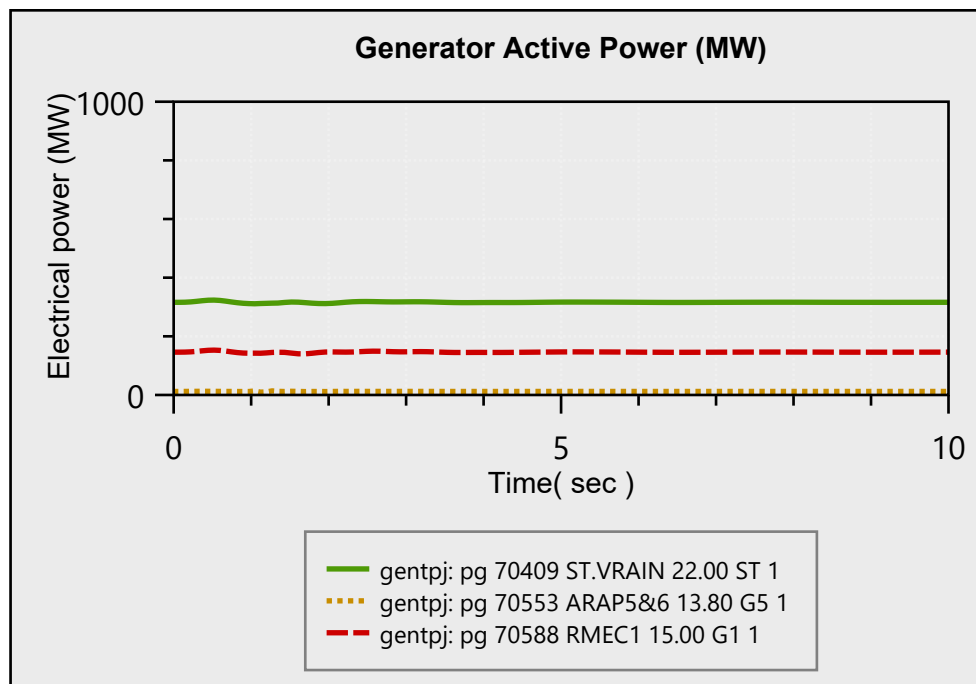
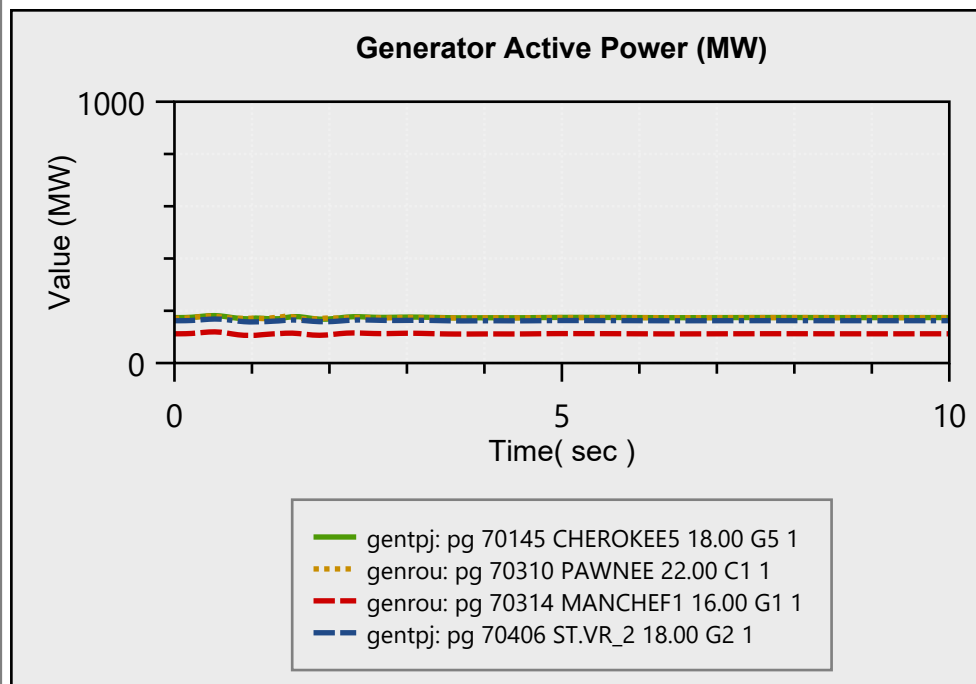
OUTPUTS



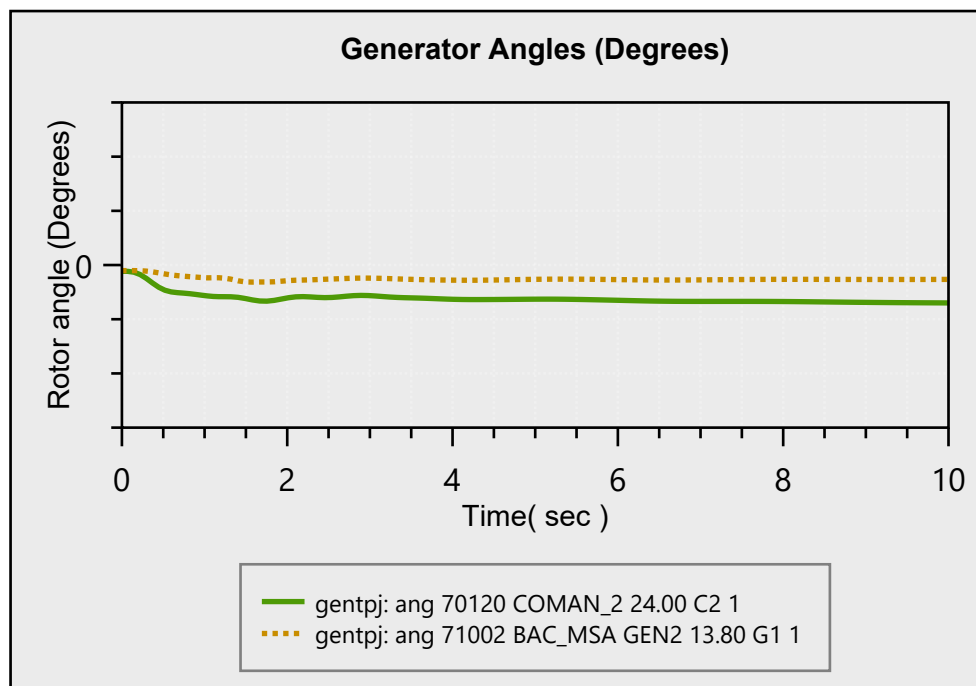
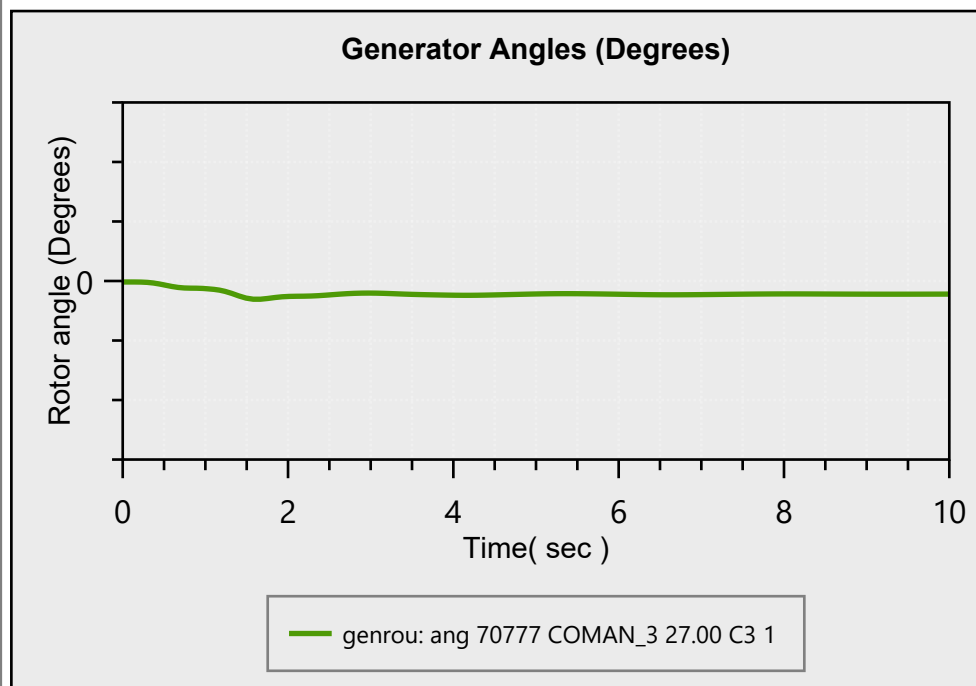
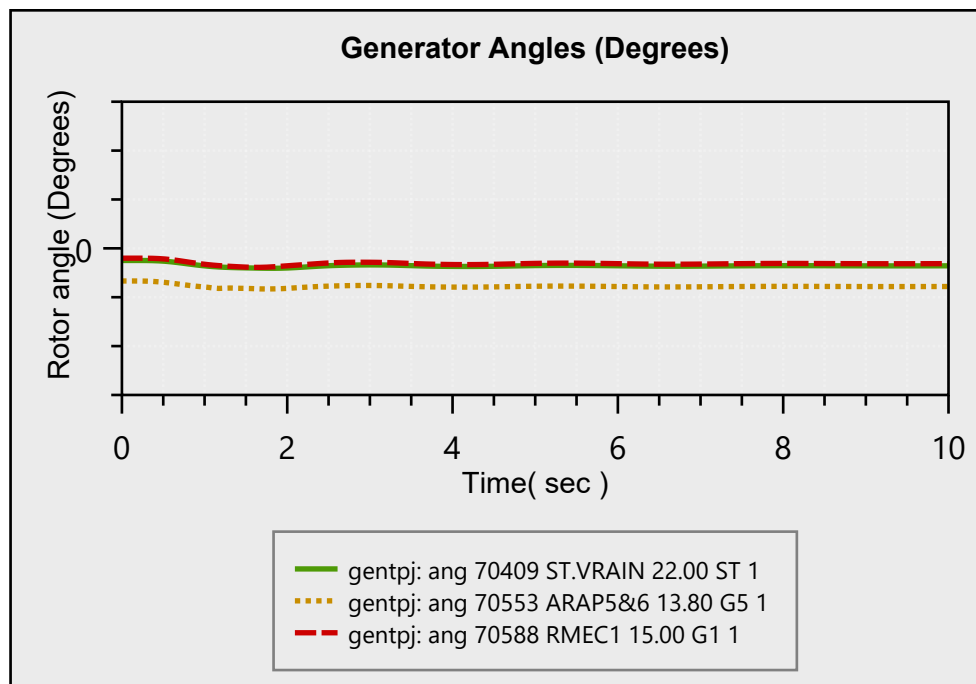
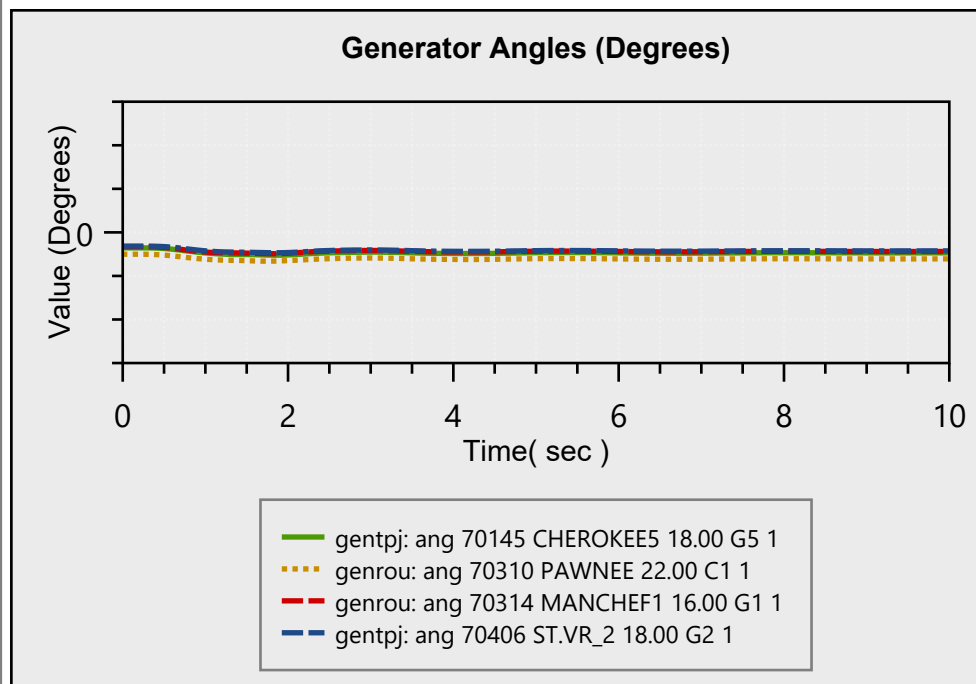
OUTPUTS



OUTPUTS

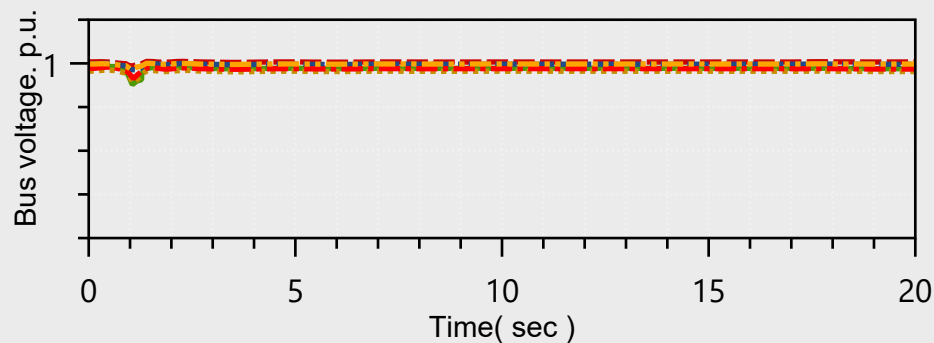


OUTPUTS

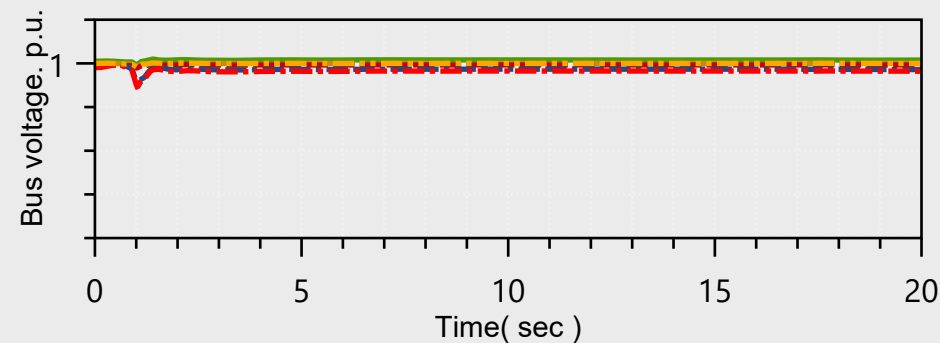


OUTPUTS

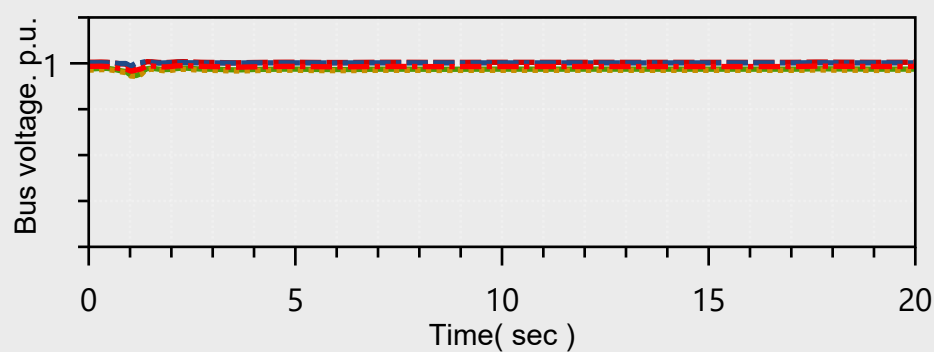
Voltage (pu)



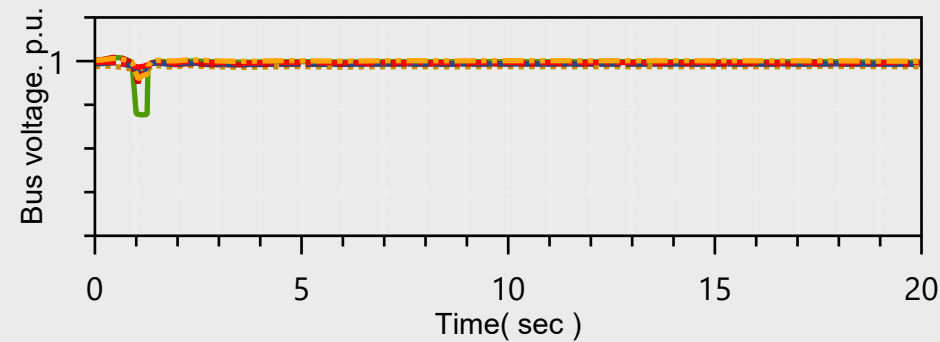
Voltage (pu)



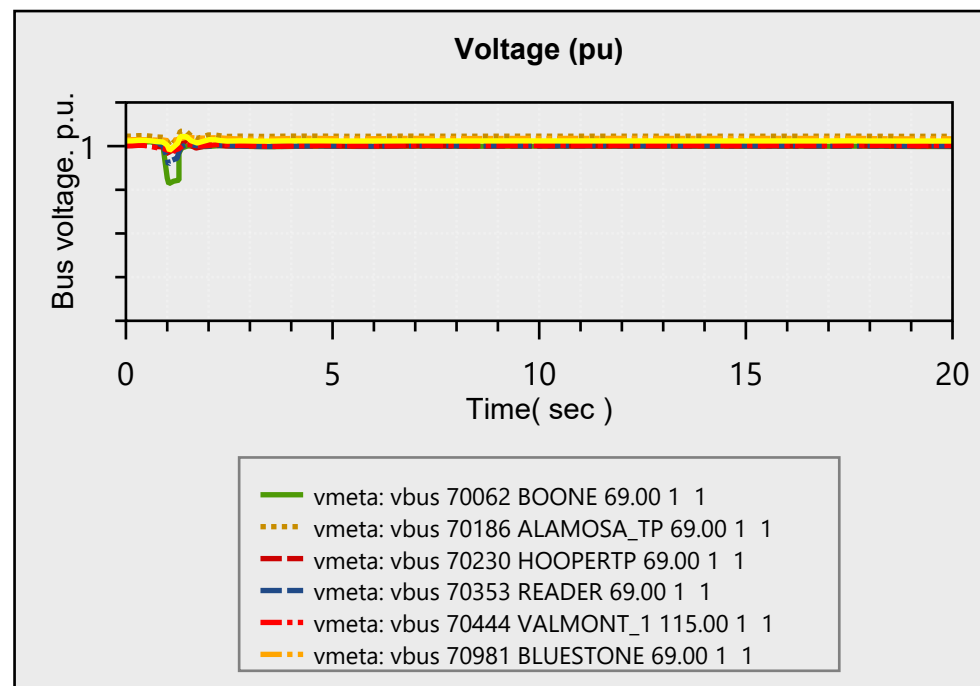
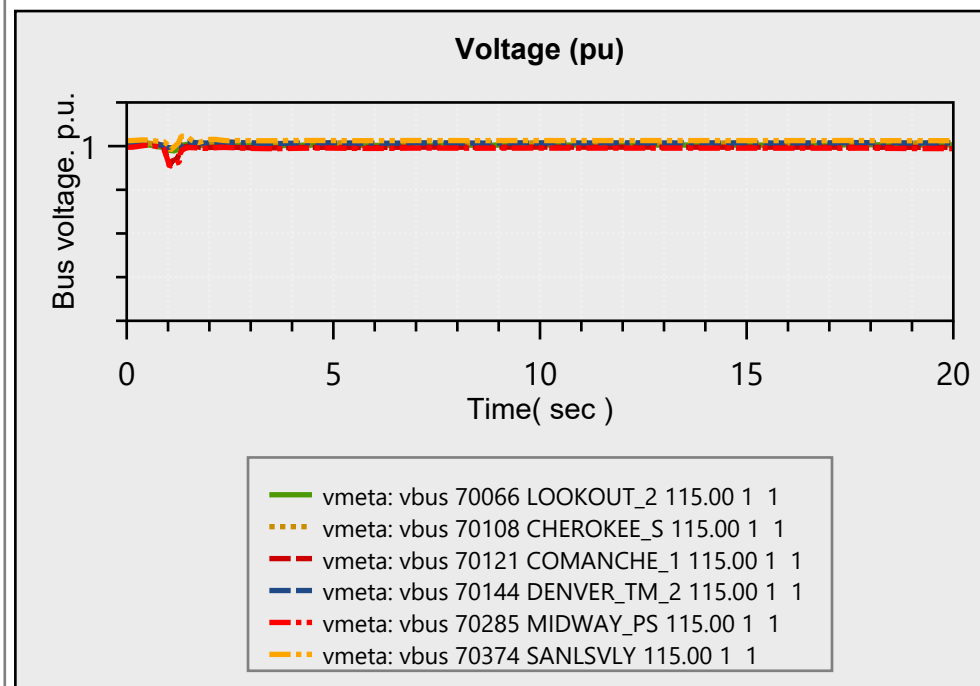
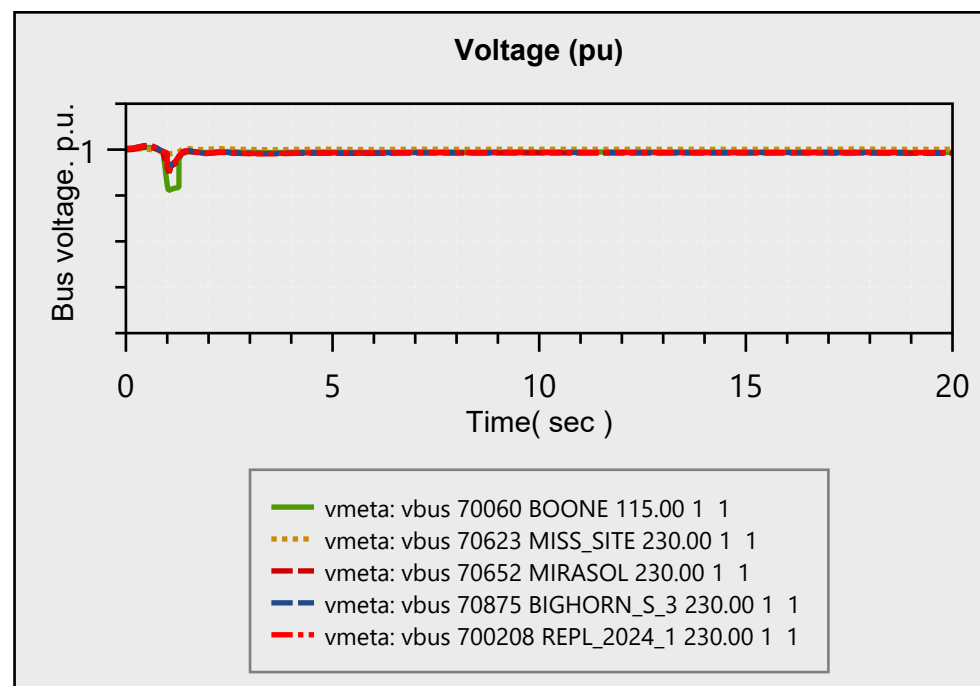
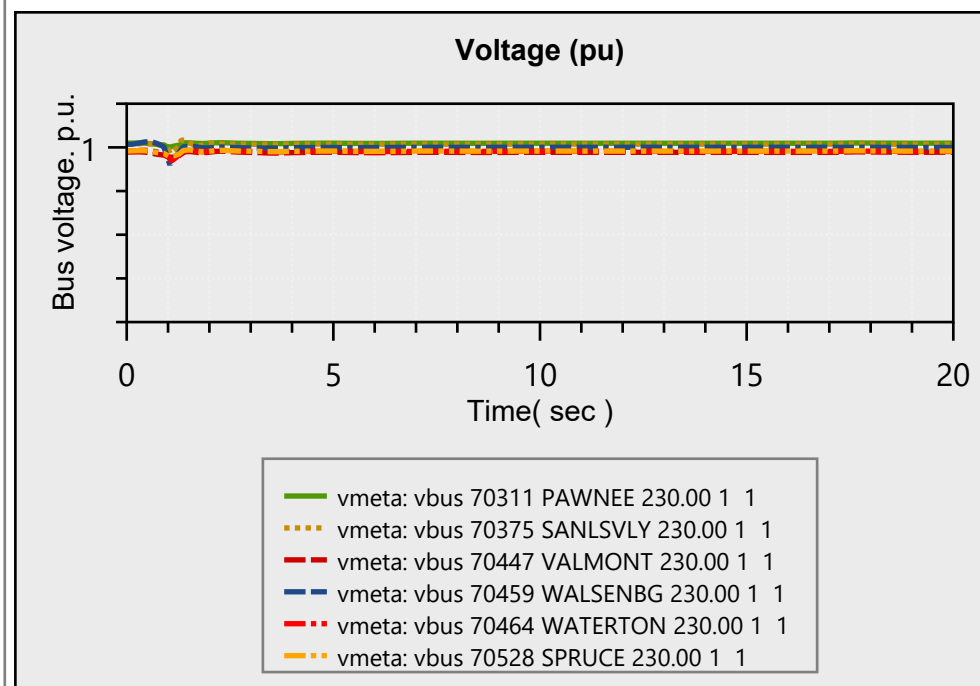
Voltage (pu)



Voltage (pu)

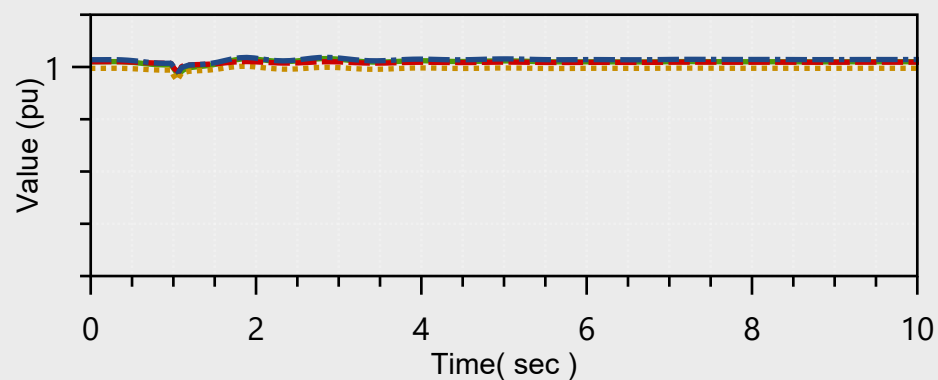


OUTPUTS



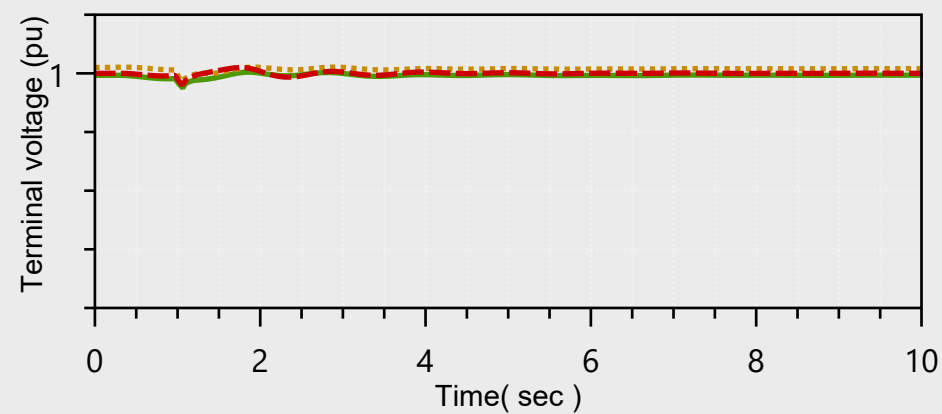
OUTPUTS

Generator Terminal Voltage (pu)



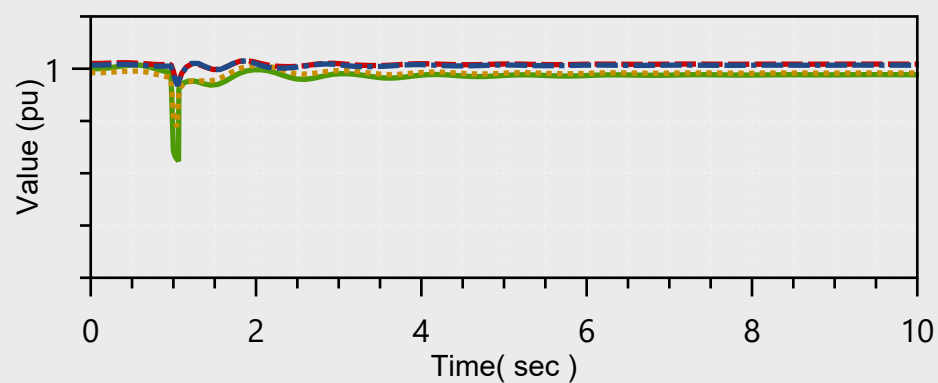
gentpj: vt 70145 CHEROKEE5 18.00 G5 1
genrou: vt 70310 PAWNEE 22.00 C1 1
genrou: vt 70314 MANCHEF1 16.00 G1 1
gentpj: vt 70406 ST.VR_2 18.00 G2 1

Generator Terminal Voltage (pu)



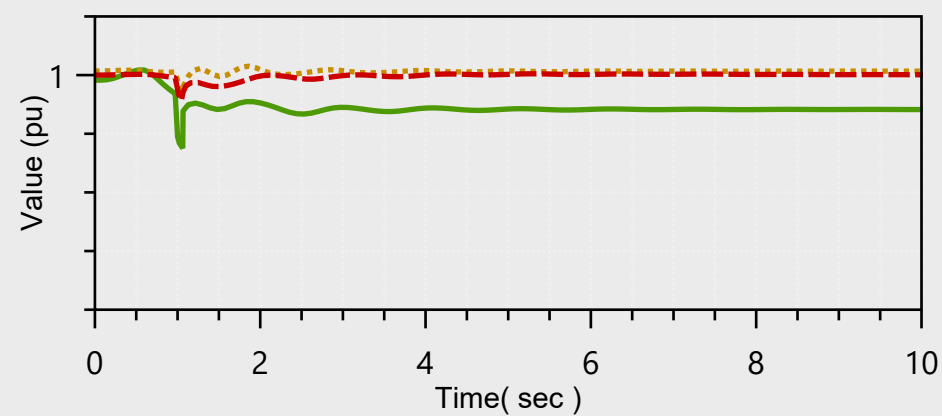
gentpj: vt 70409 ST.VRAIN 22.00 ST 1
gentpj: vt 70553 ARAP5&6 13.80 G5 1
gentpj: vt 70588 RMEC1 15.00 G1 1

Generator Terminal Voltage (pu)



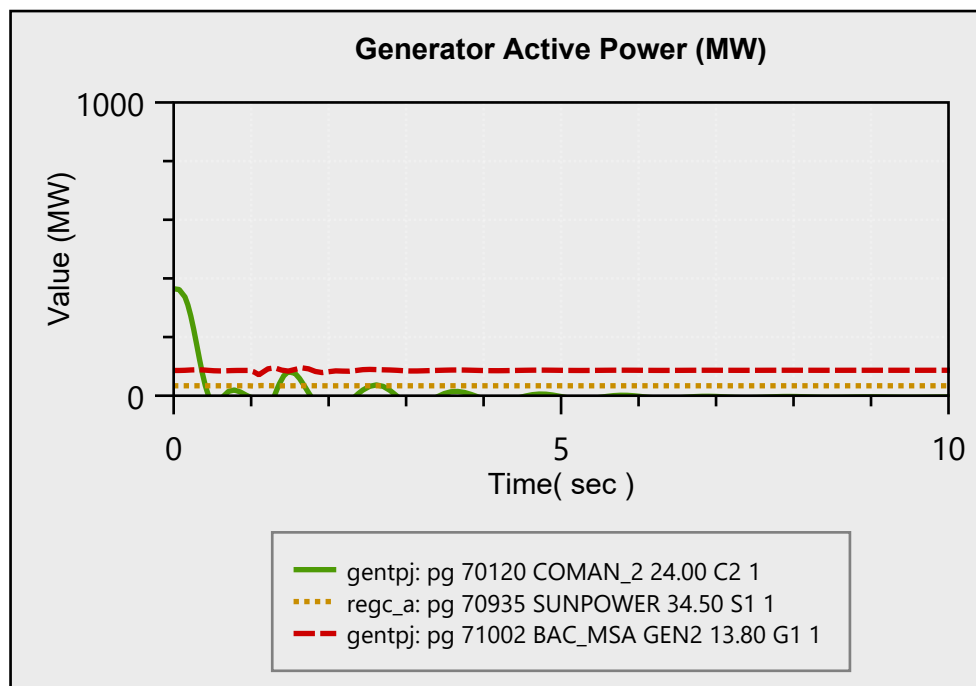
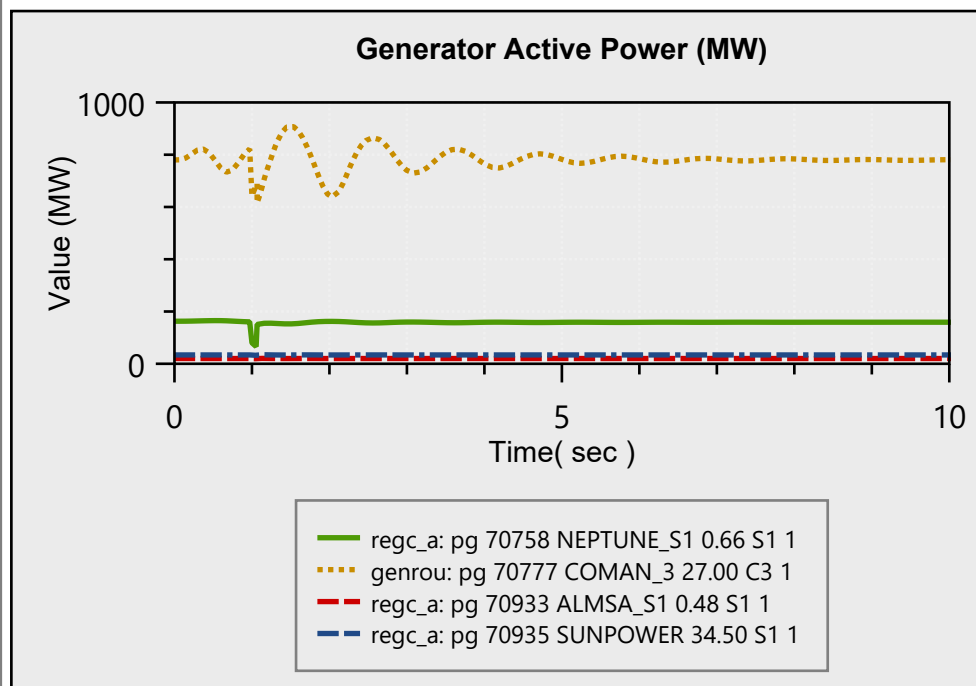
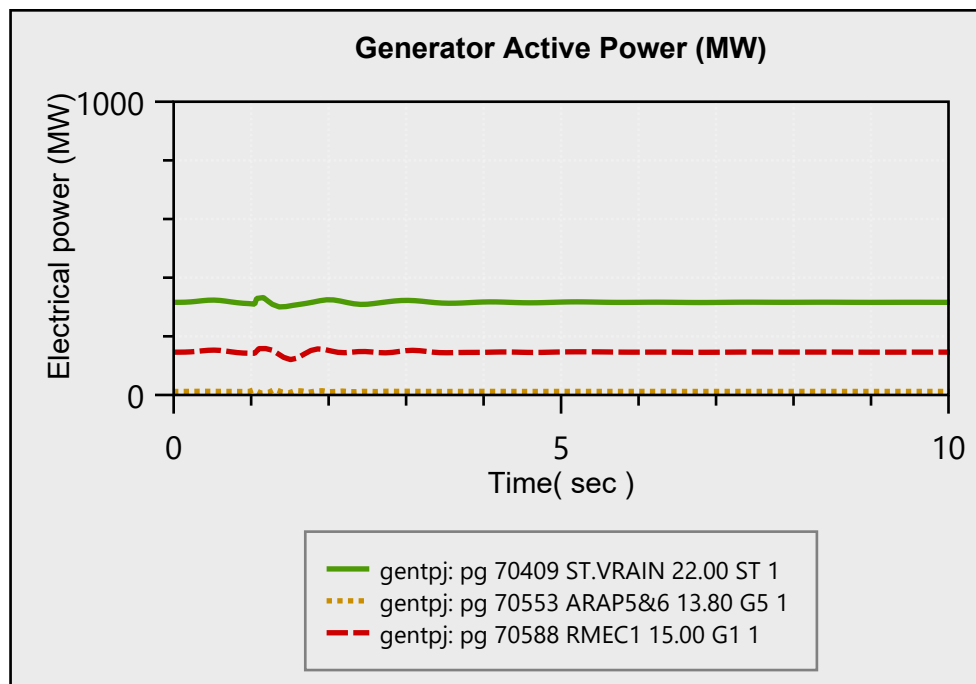
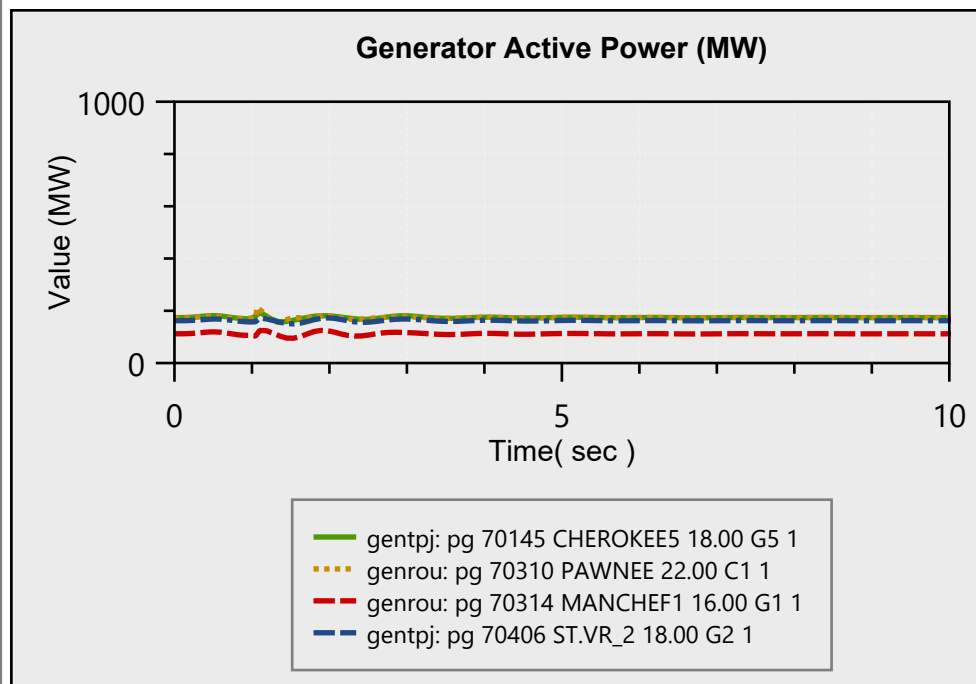
regc_a: vt 70758 NEPTUNE_S1 0.66 S1 1
genrou: vt 70777 COMAN_3 27.00 C3 1
regc_a: vt 70933 ALMSA_S1 0.48 S1 1
regc_a: vt 70935 SUNPOWER 34.50 S1 1

Generator Terminal Voltage (pu)

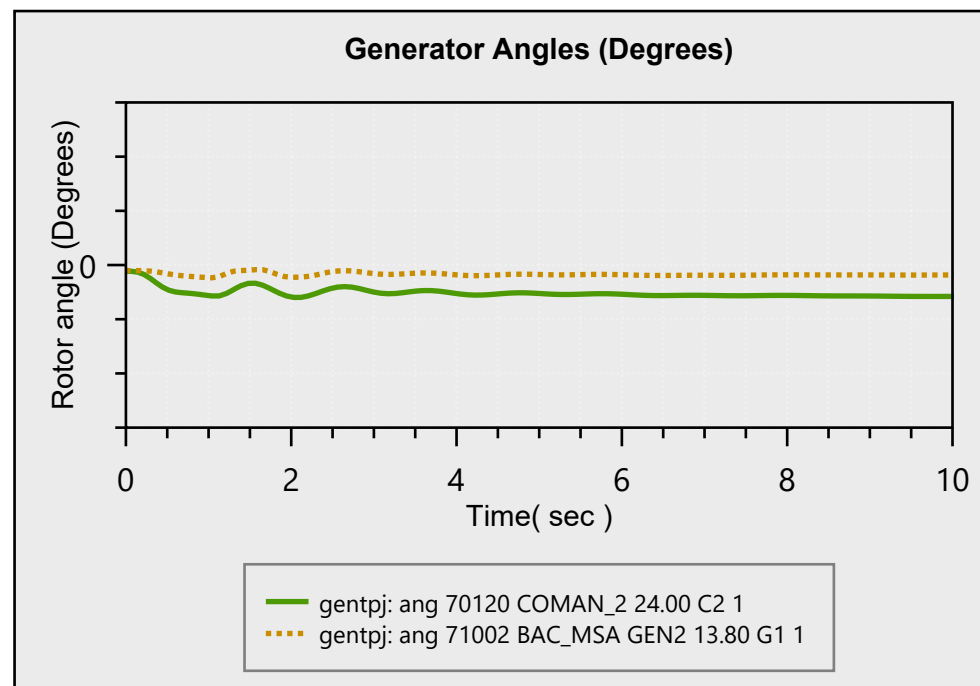
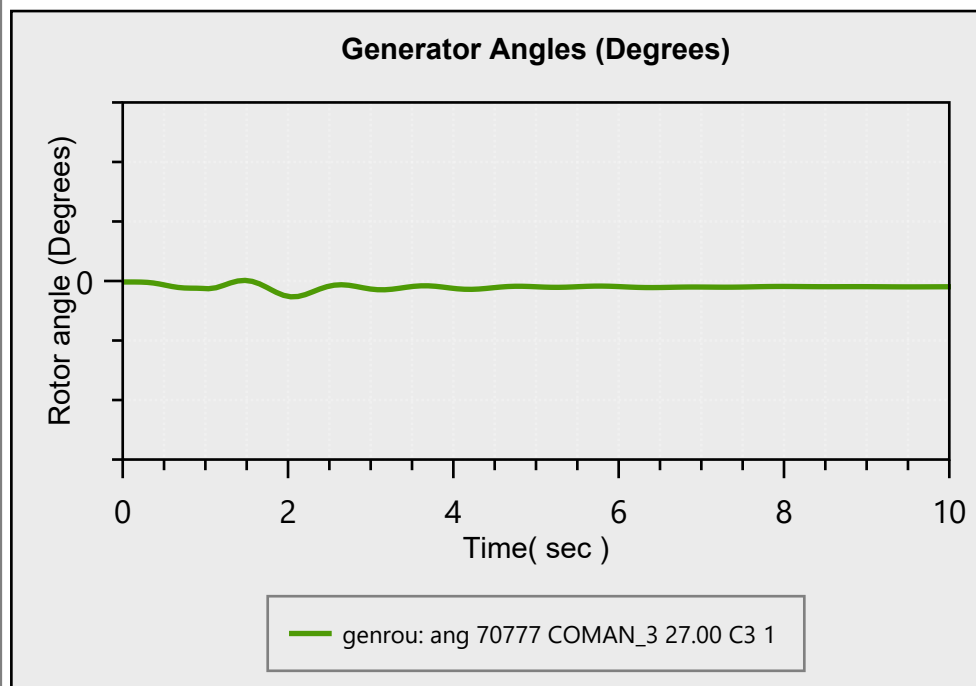
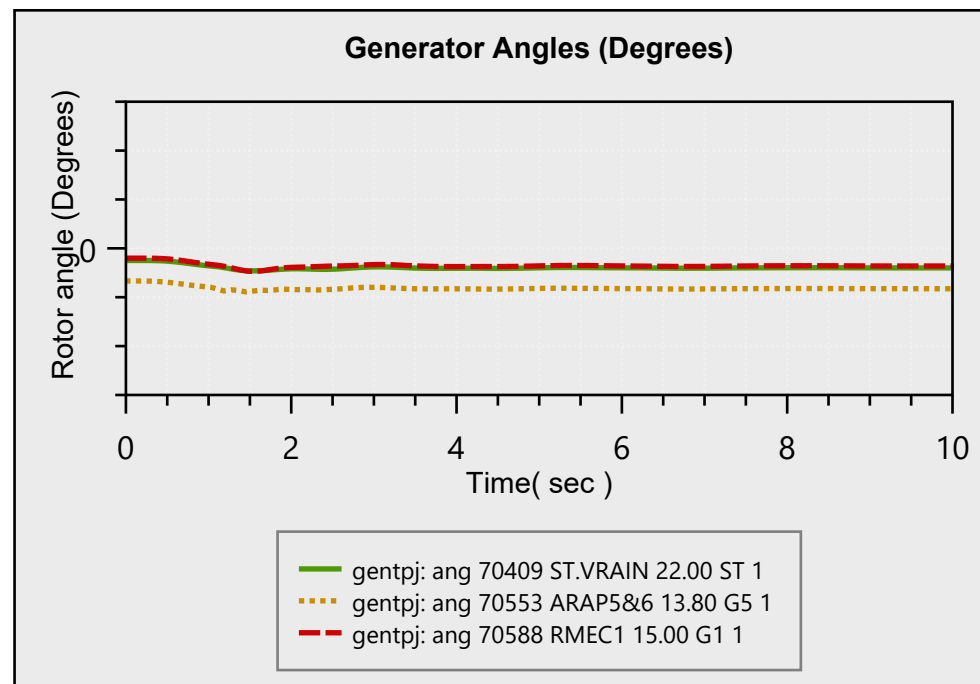
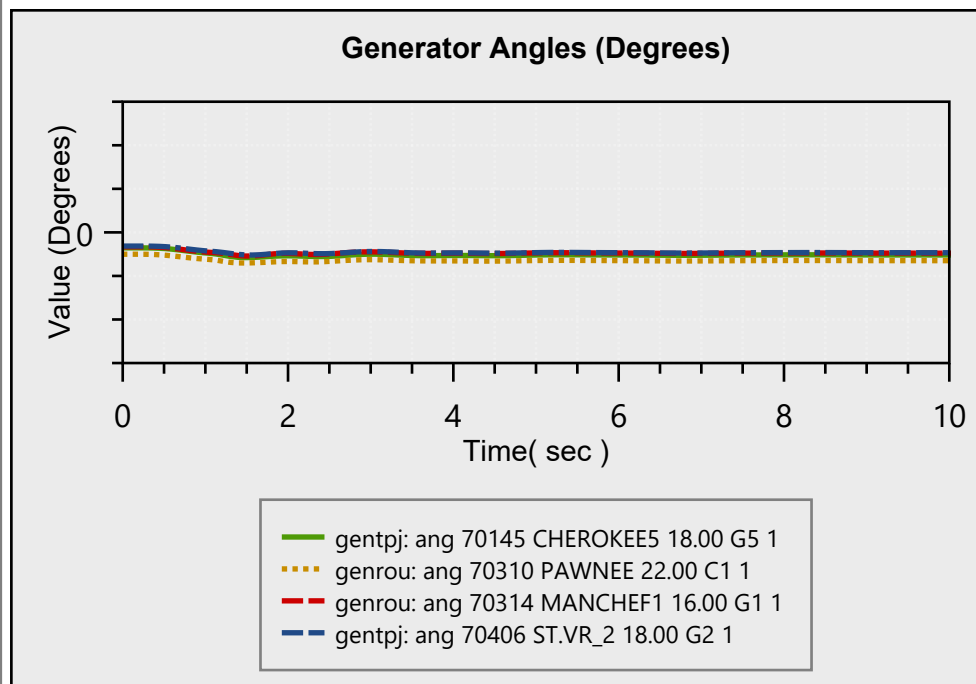


gentpj: vt 70120 COMAN_2 24.00 C2 1
regc_a: vt 70935 SUNPOWER 34.50 S1 1
gentpj: vt 71002 BAC_MSA GEN2 13.80 G1 1

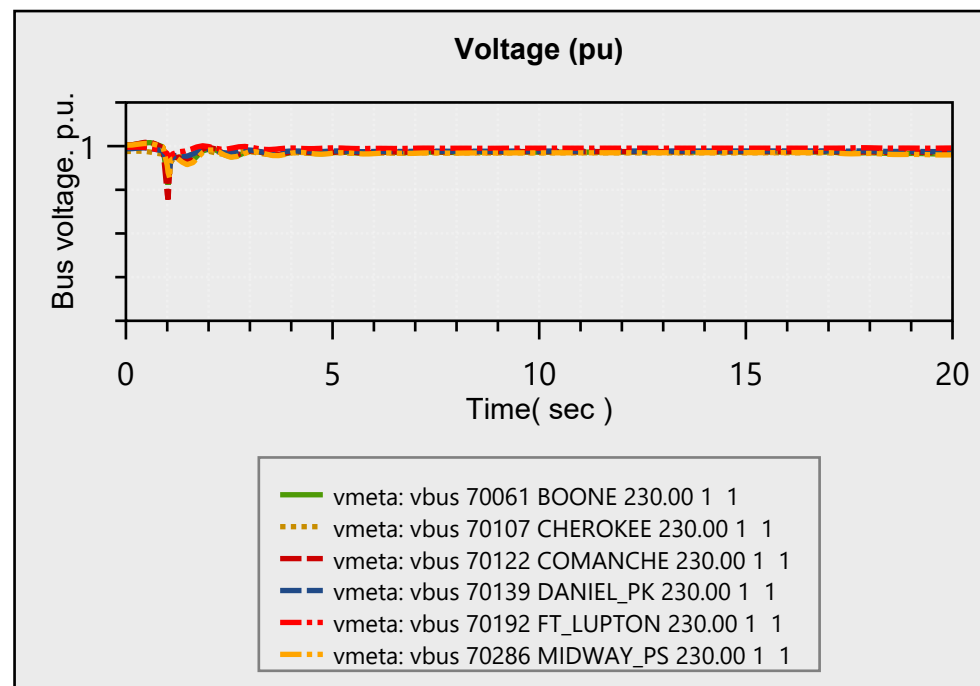
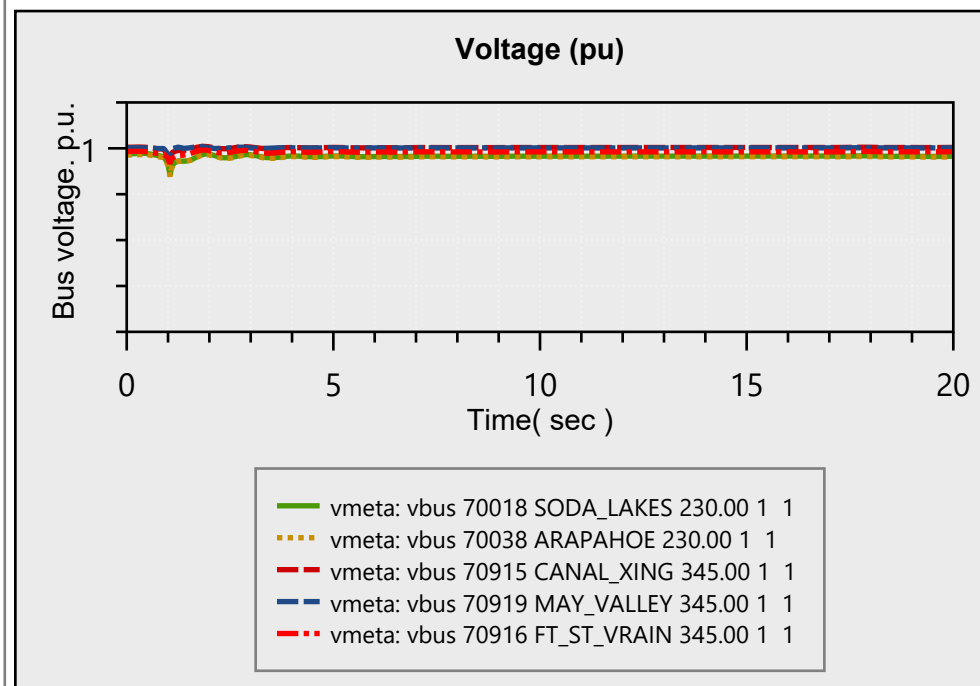
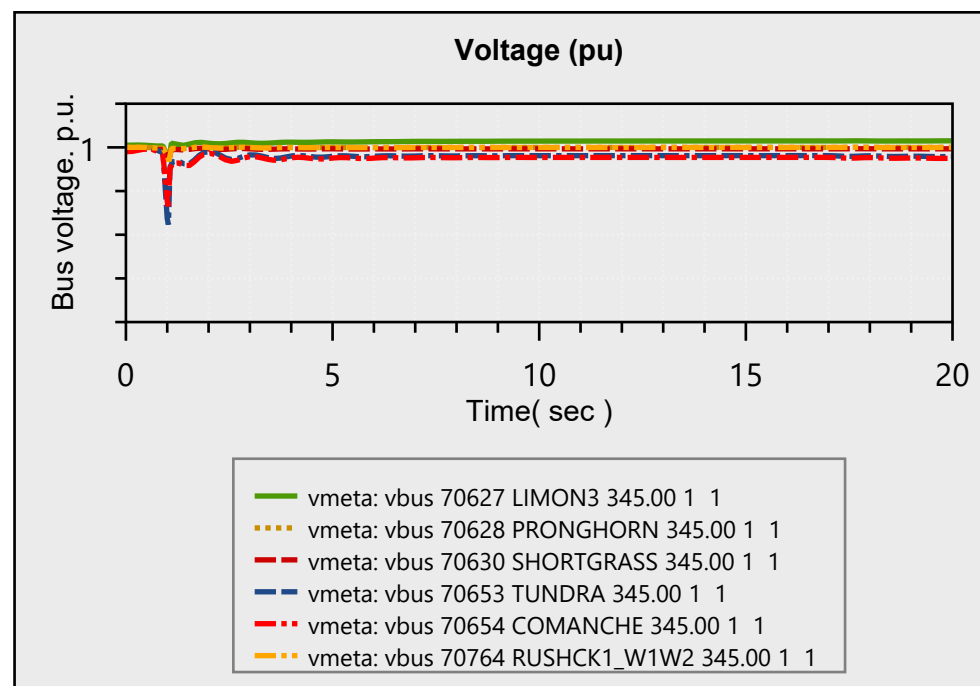
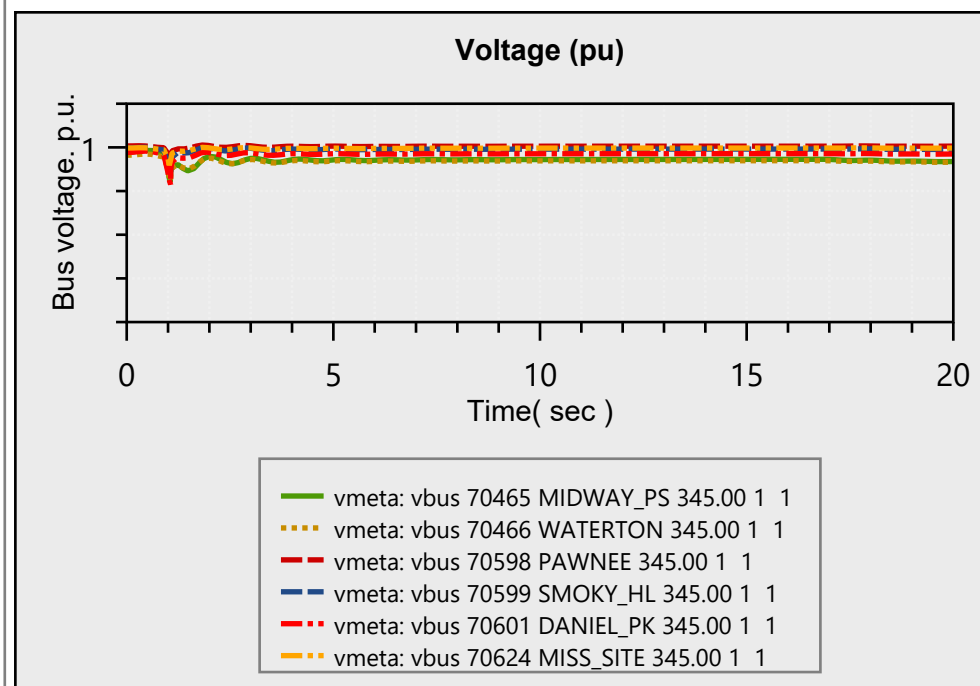
OUTPUTS



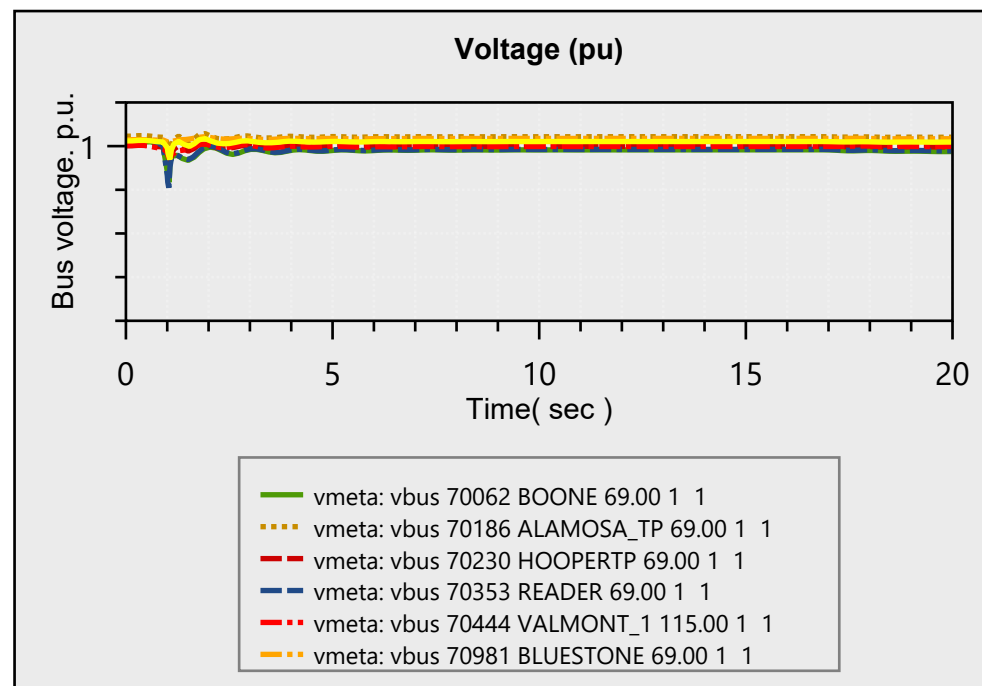
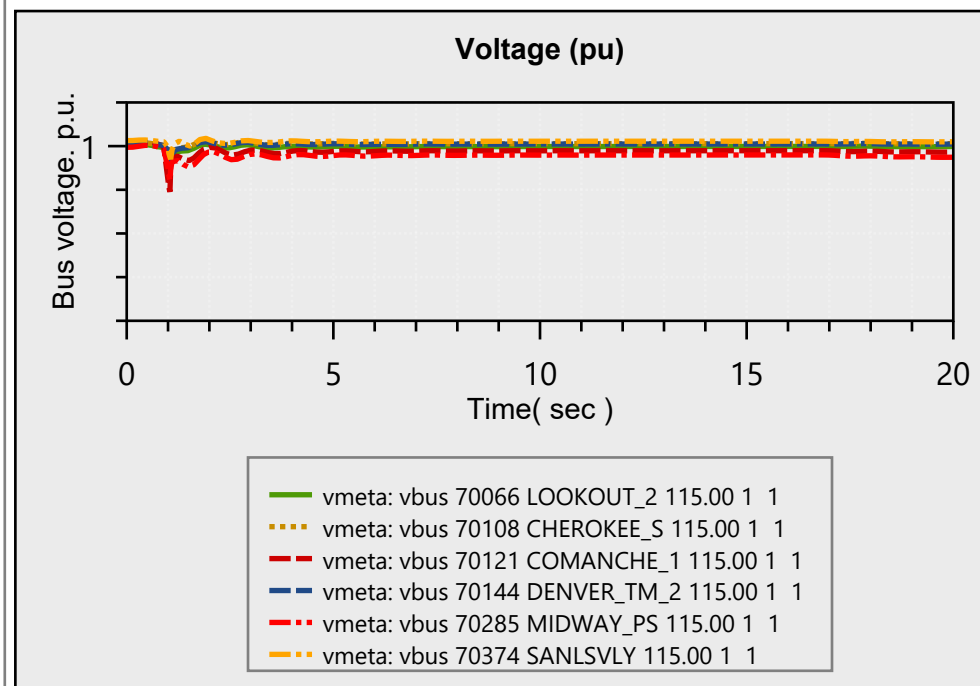
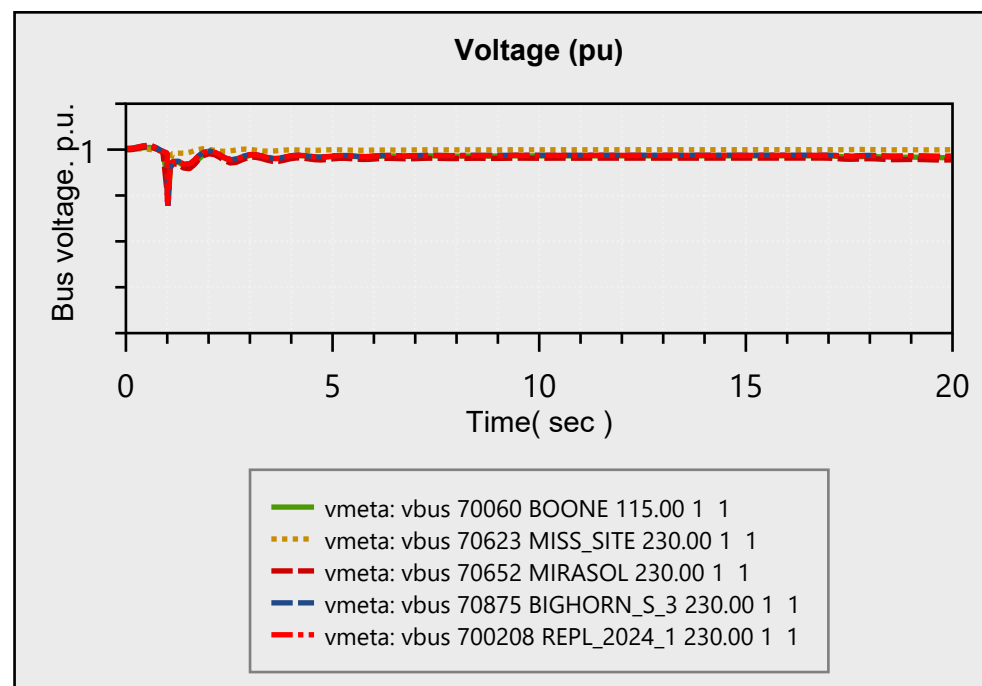
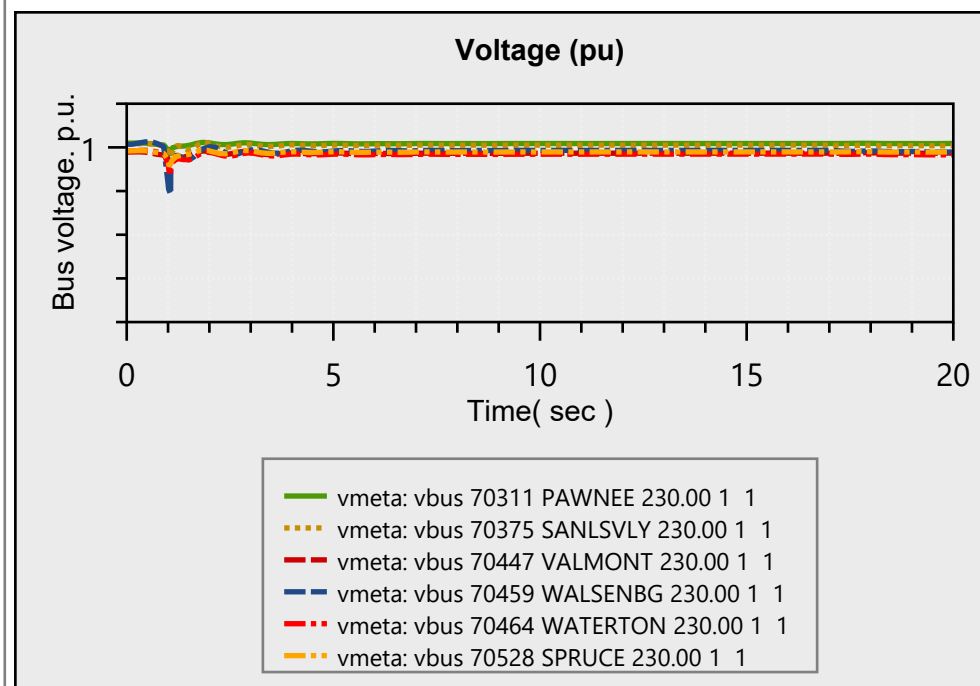
OUTPUTS



OUTPUTS

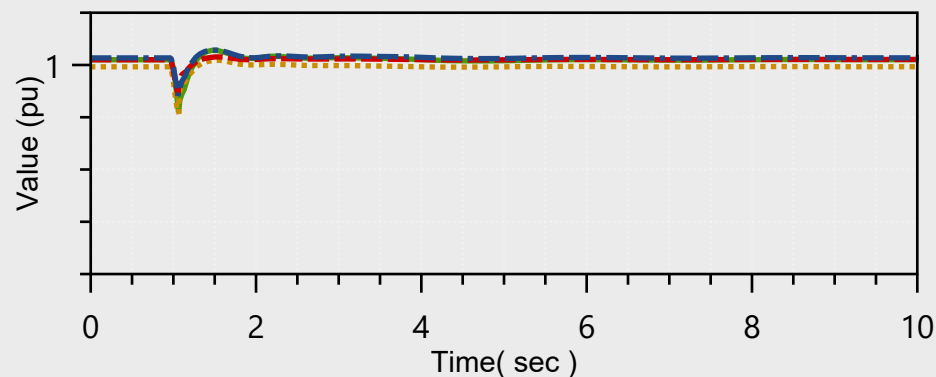


OUTPUTS



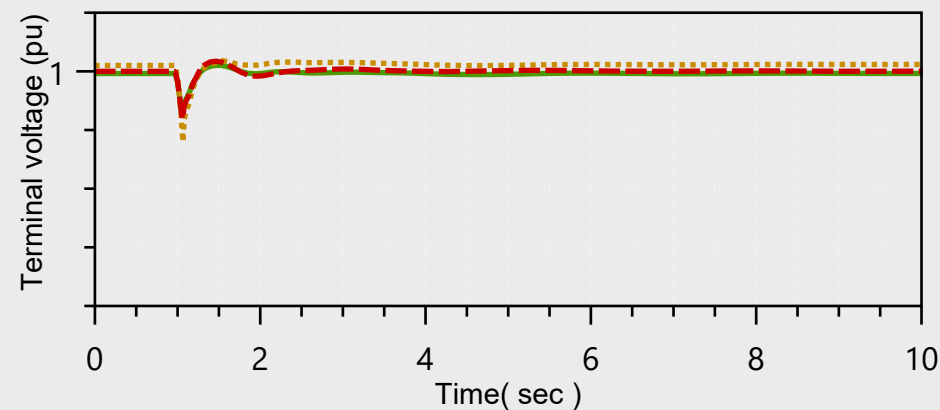
OUTPUTS

Generator Terminal Voltage (pu)



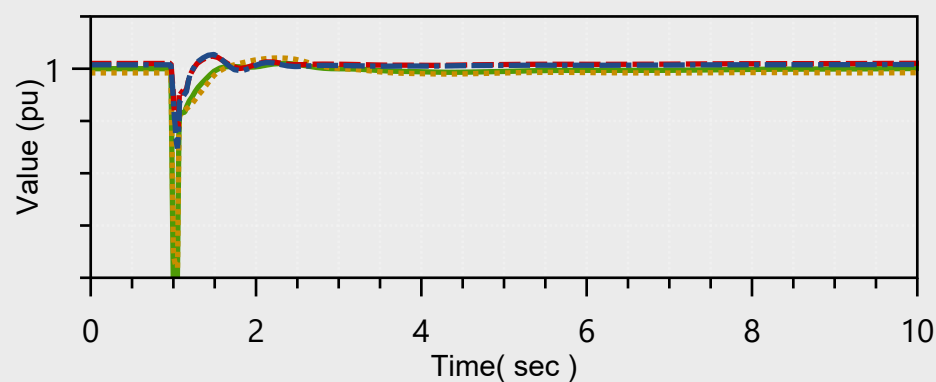
gentpj: vt 70145 CHEROKEE5 18.00 G5 1
 genrou: vt 70310 PAWNEE 22.00 C1 1
 genrou: vt 70314 MANCHEF1 16.00 G1 1
 gentpj: vt 70406 ST.VR_2 18.00 G2 1

Generator Terminal Voltage (pu)



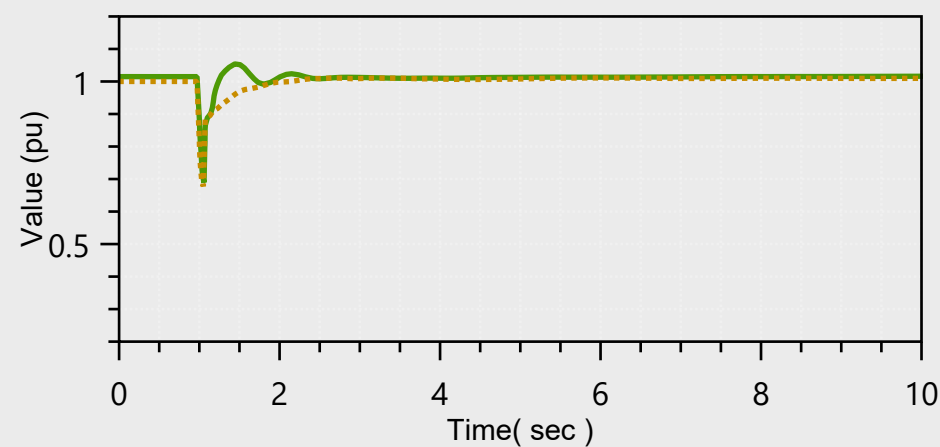
gentpj: vt 70409 ST.VRAIN 22.00 ST 1
 gentpj: vt 70553 ARAP5&6 13.80 G5 1
 gentpj: vt 70588 RMEC1 15.00 G1 1

Generator Terminal Voltage (pu)



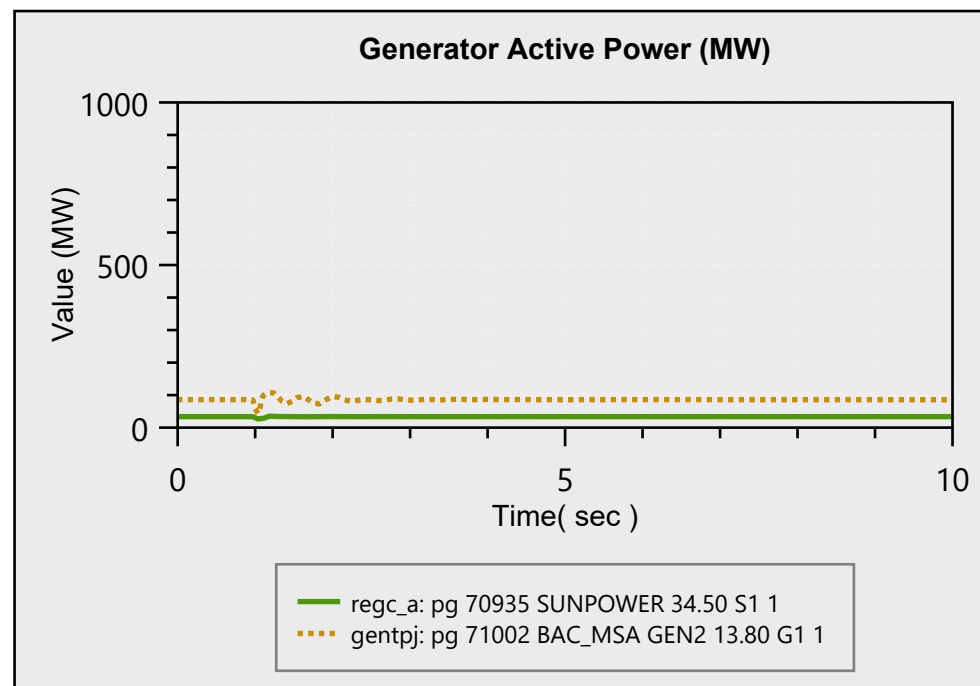
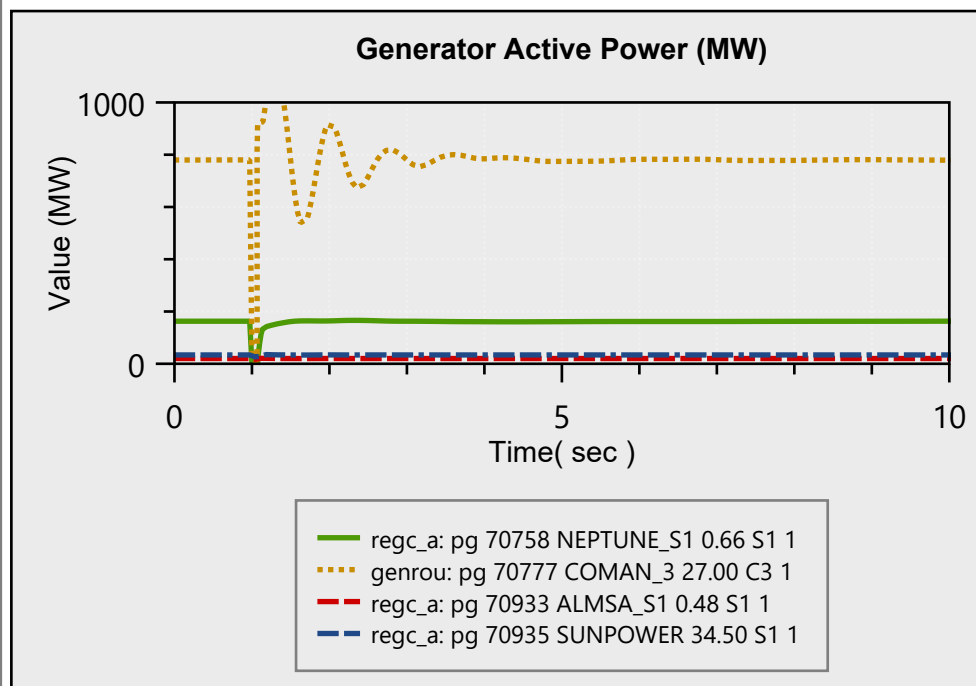
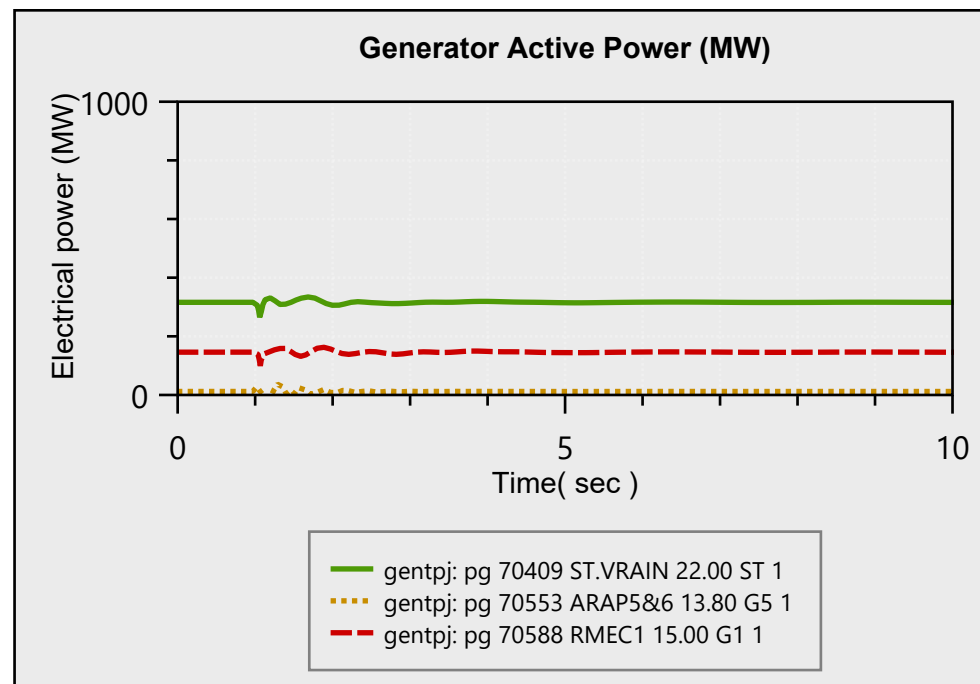
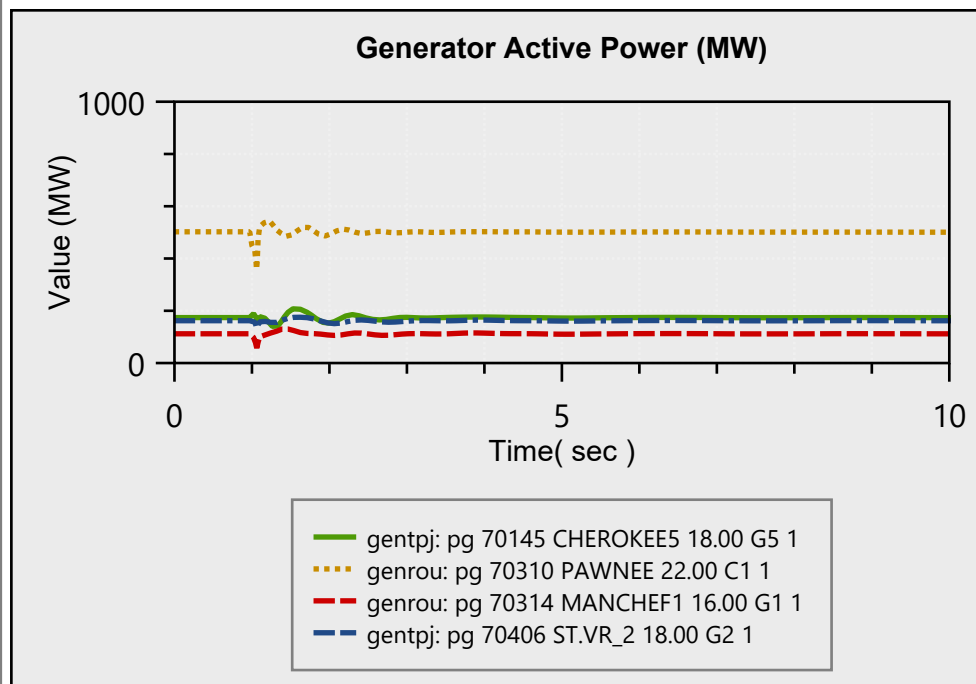
regc_a: vt 70758 NEPTUNE_S1 0.66 S1 1
 genrou: vt 70777 COMAN_3 27.00 C3 1
 regc_a: vt 70933 ALMSA_S1 0.48 S1 1
 regc_a: vt 70935 SUNPOWER 34.50 S1 1

Generator Terminal Voltage (pu)

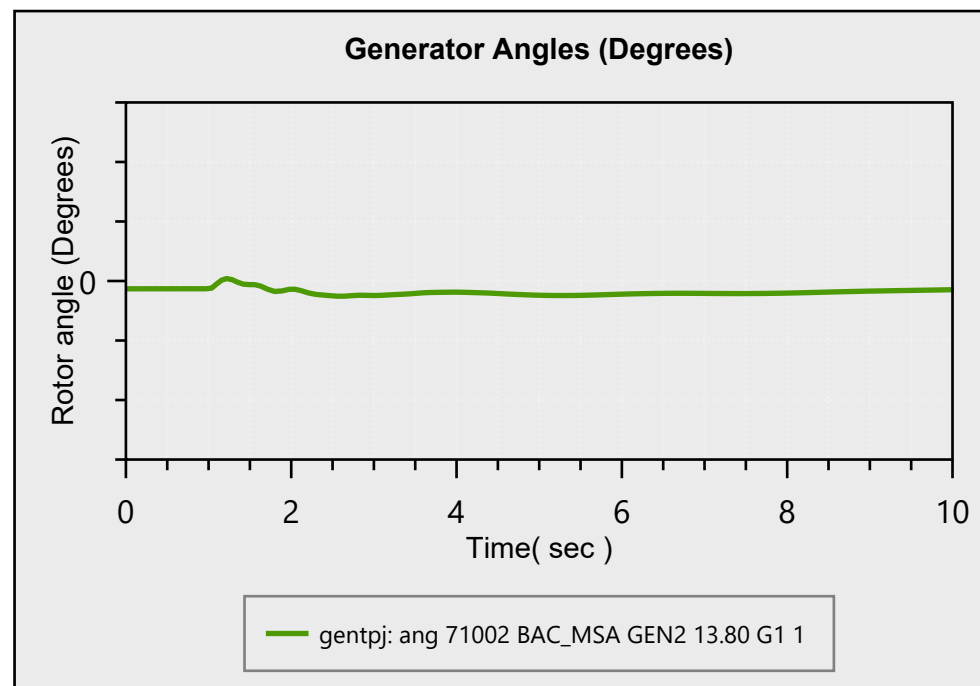
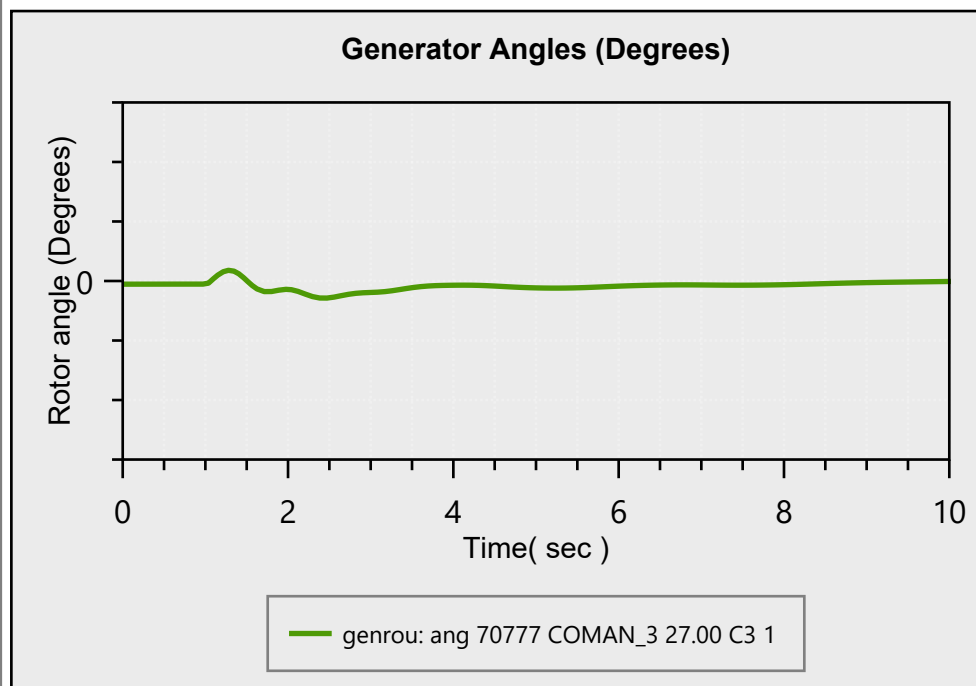
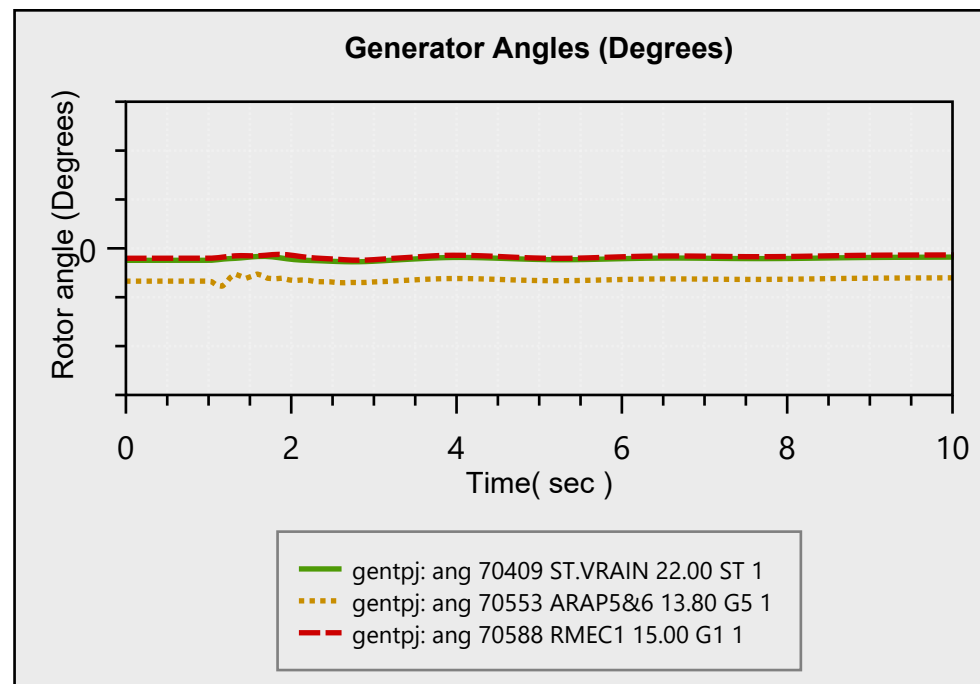
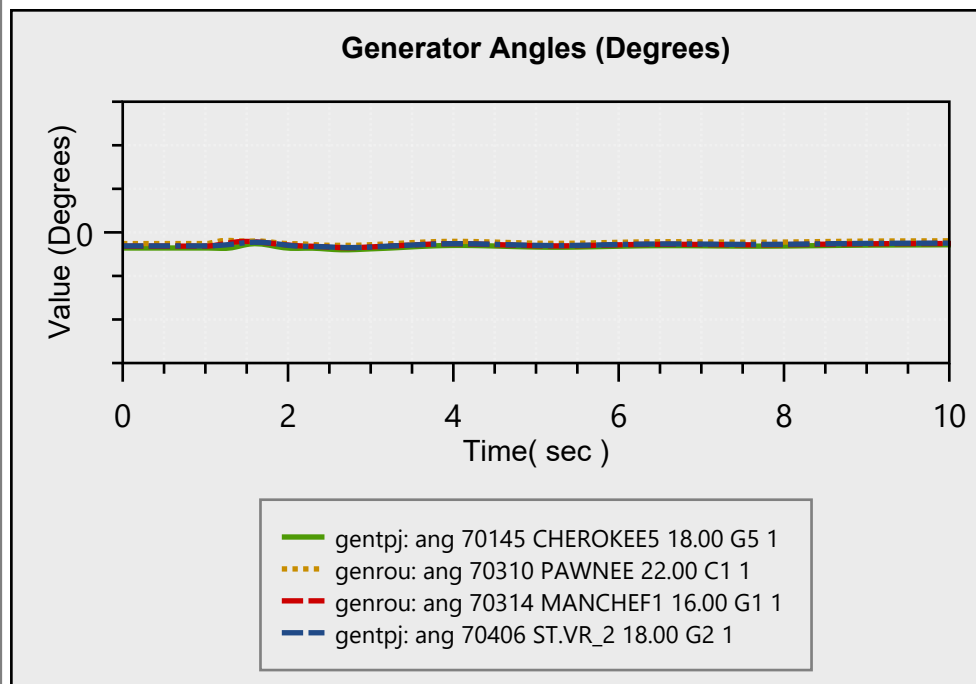


regc_a: vt 70935 SUNPOWER 34.50 S1 1
 gentpj: vt 71002 BAC_MSA GEN2 13.80 G1 1

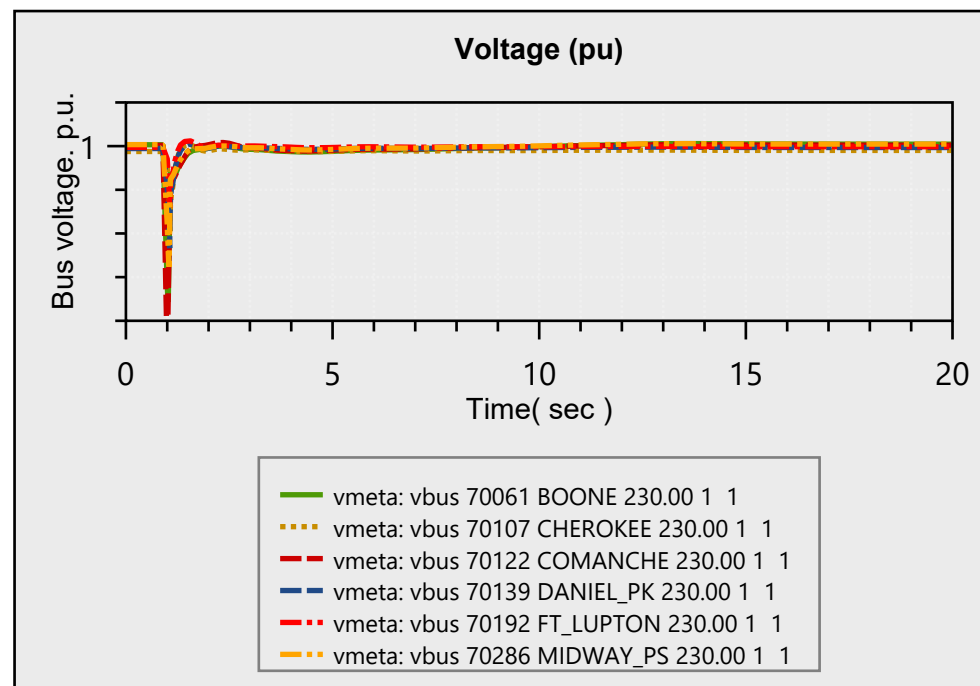
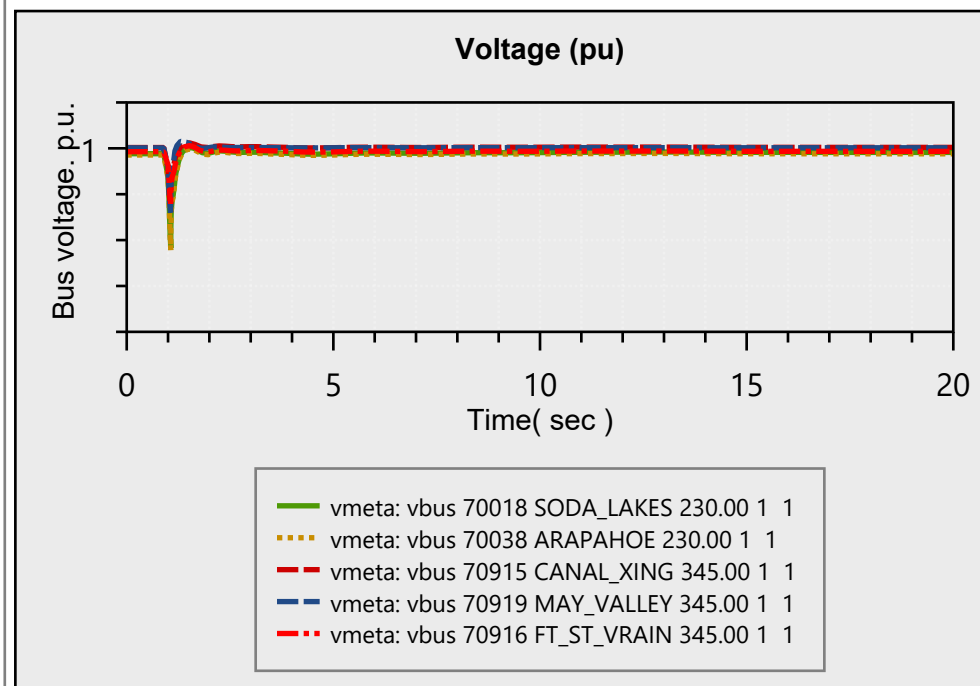
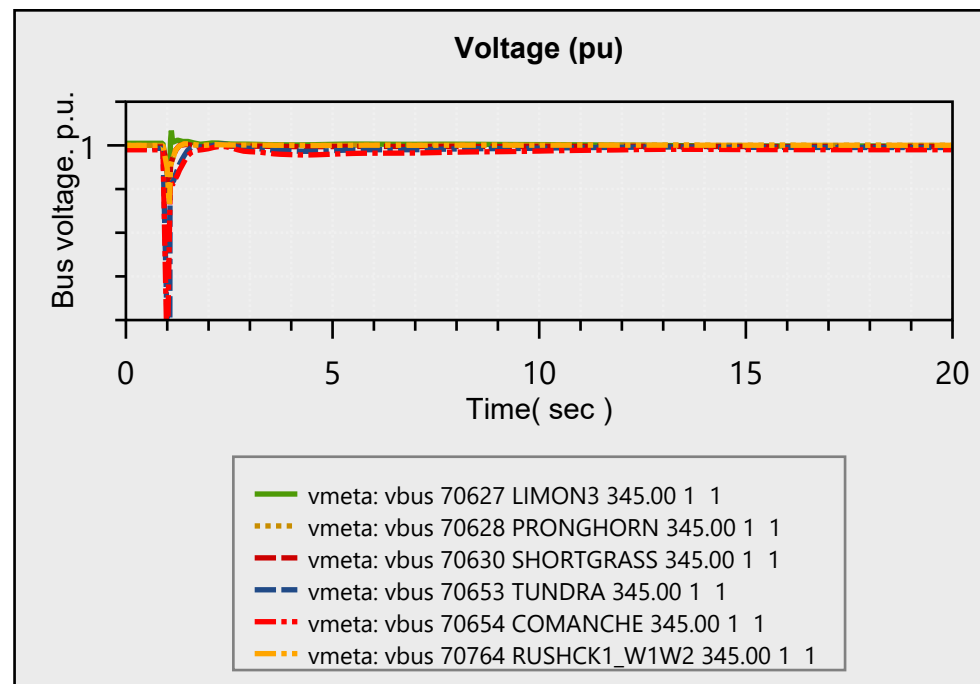
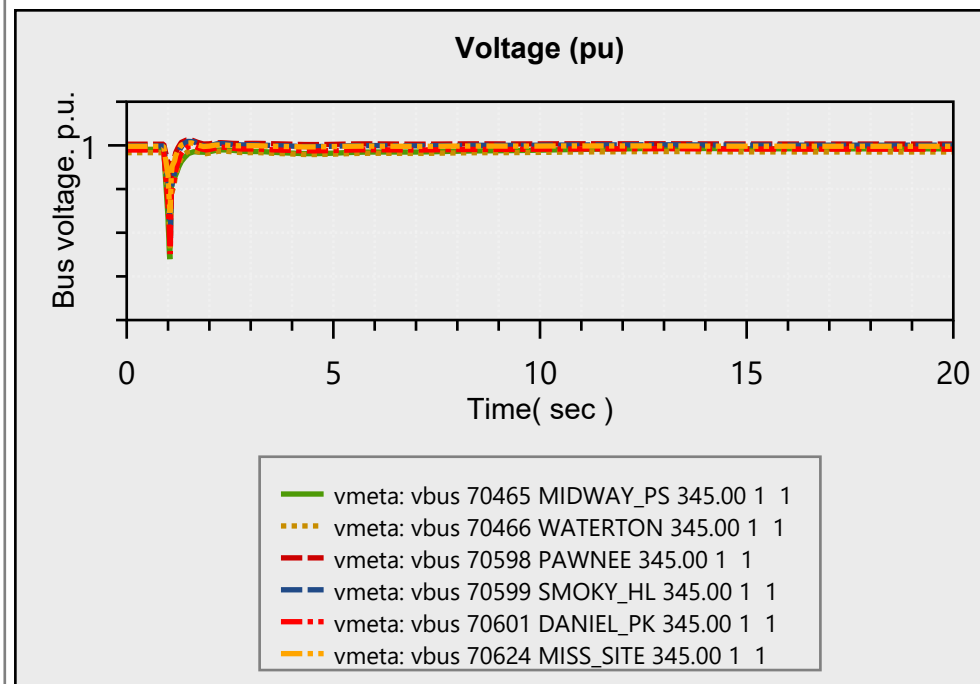
OUTPUTS



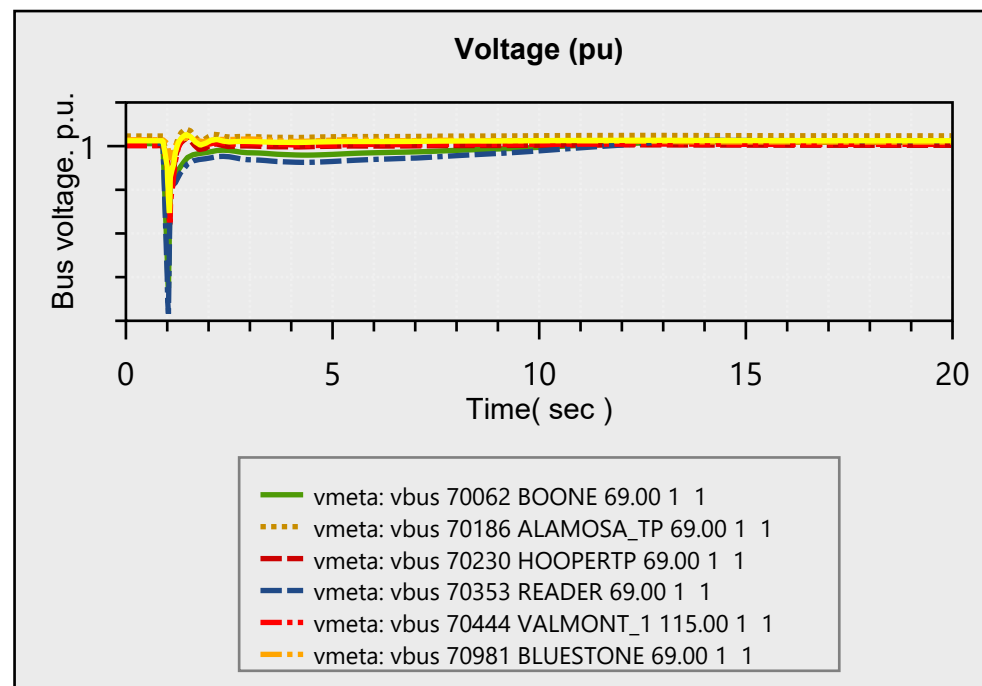
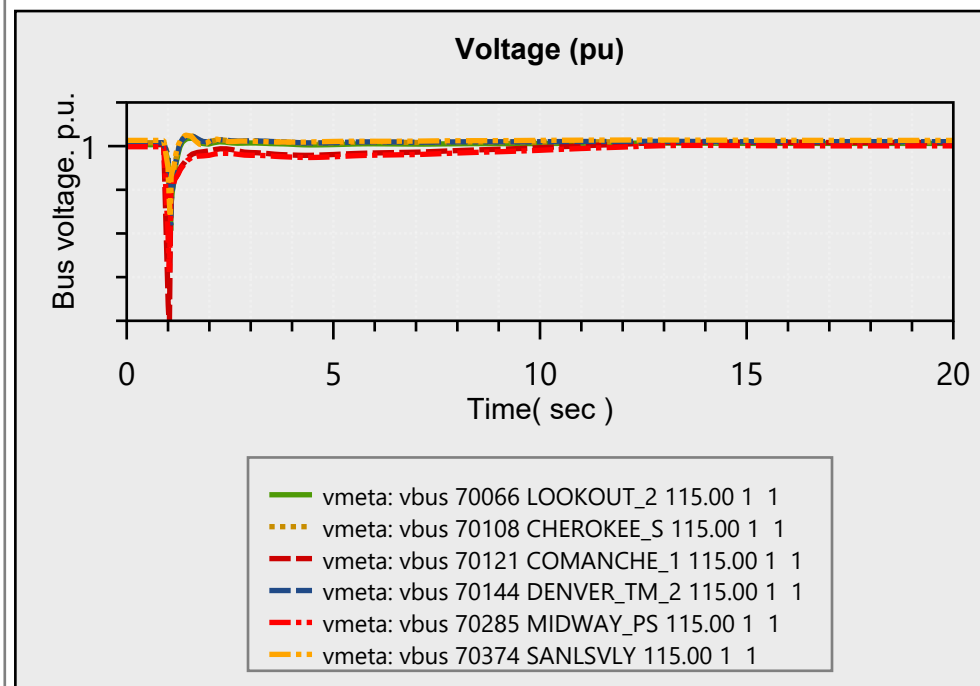
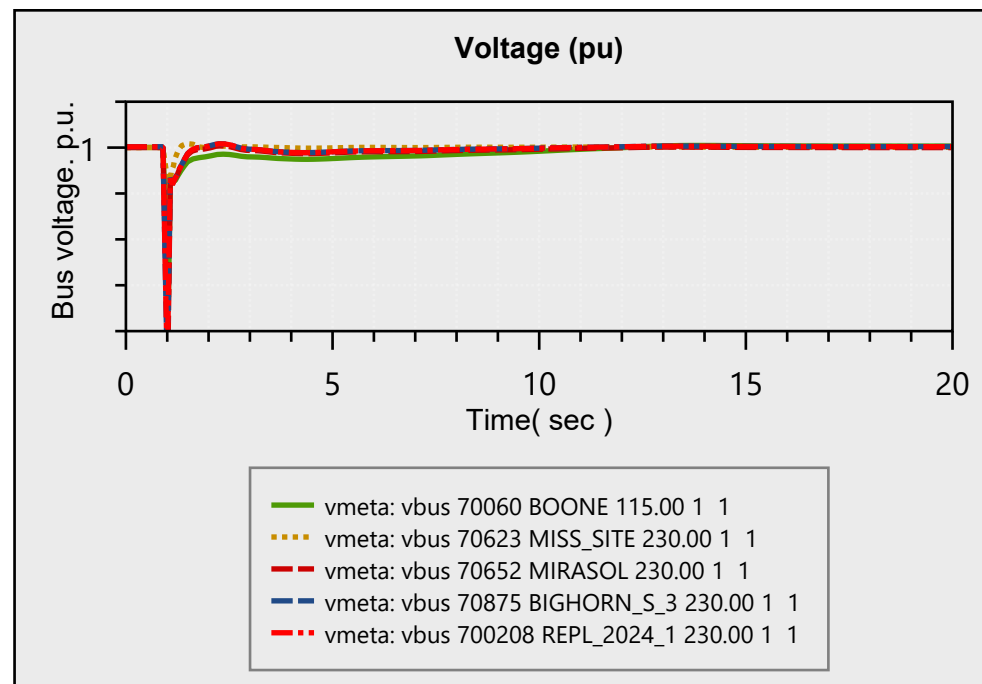
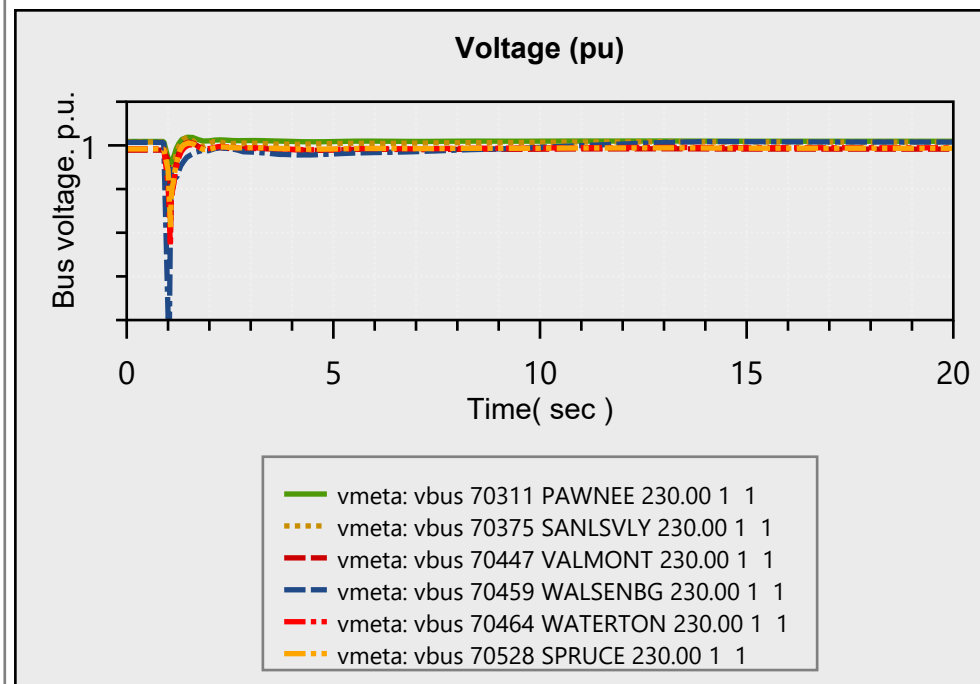
OUTPUTS



OUTPUTS

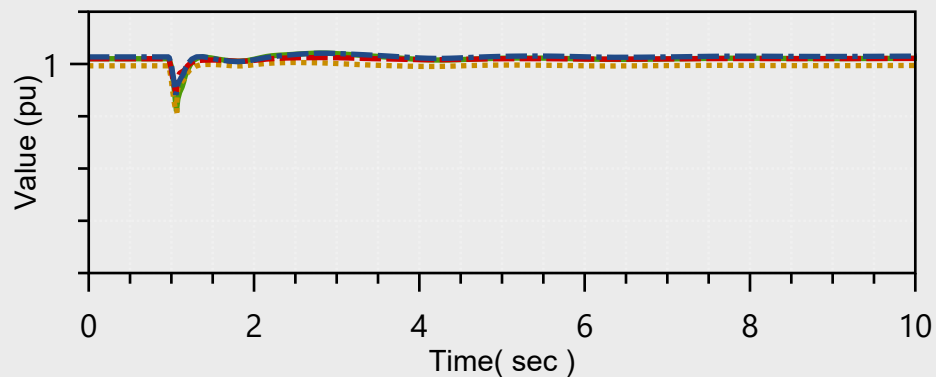


OUTPUTS



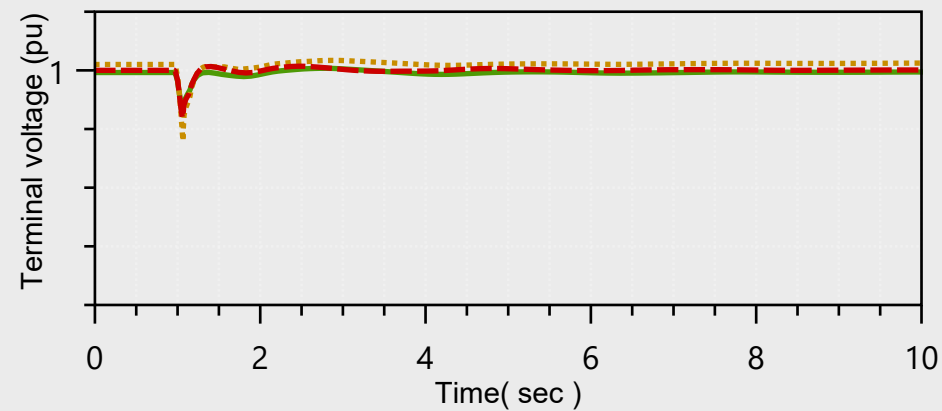
OUTPUTS

Generator Terminal Voltage (pu)



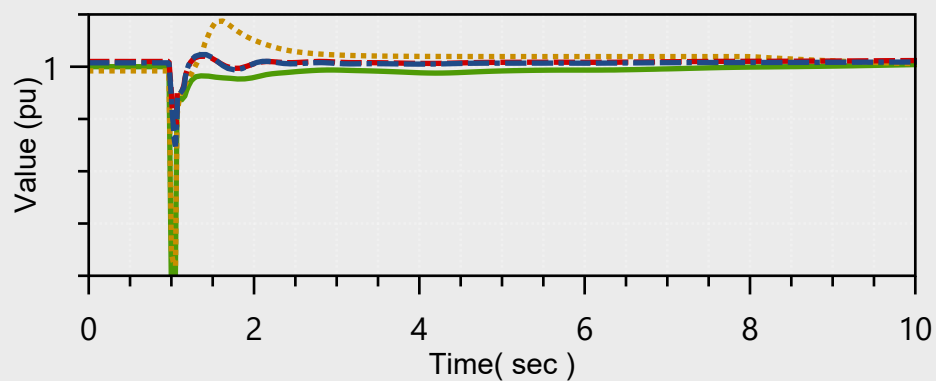
gentpj: vt 70145 CHEROKEE5 18.00 G5 1
 genrou: vt 70310 PAWNEE 22.00 C1 1
 genrou: vt 70314 MANCHEF1 16.00 G1 1
 gentpj: vt 70406 ST.VR_2 18.00 G2 1

Generator Terminal Voltage (pu)



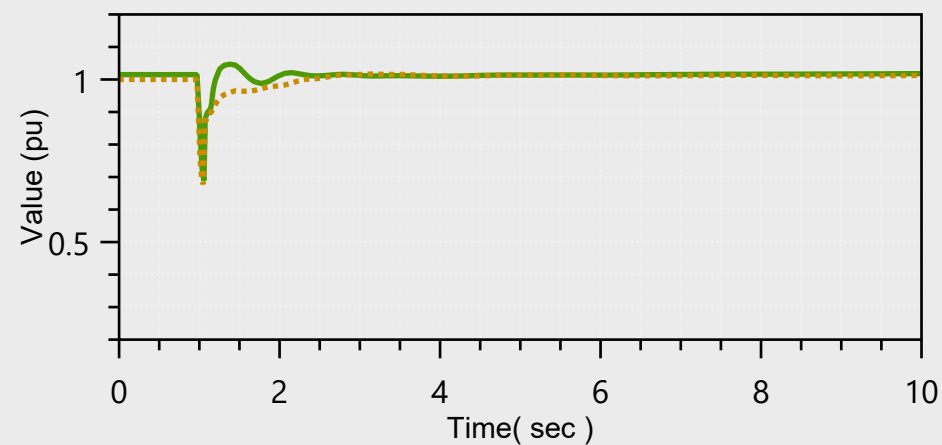
gentpj: vt 70409 ST.VRAIN 22.00 ST 1
 gentpj: vt 70553 ARAP5&6 13.80 G5 1
 gentpj: vt 70588 RMEC1 15.00 G1 1

Generator Terminal Voltage (pu)



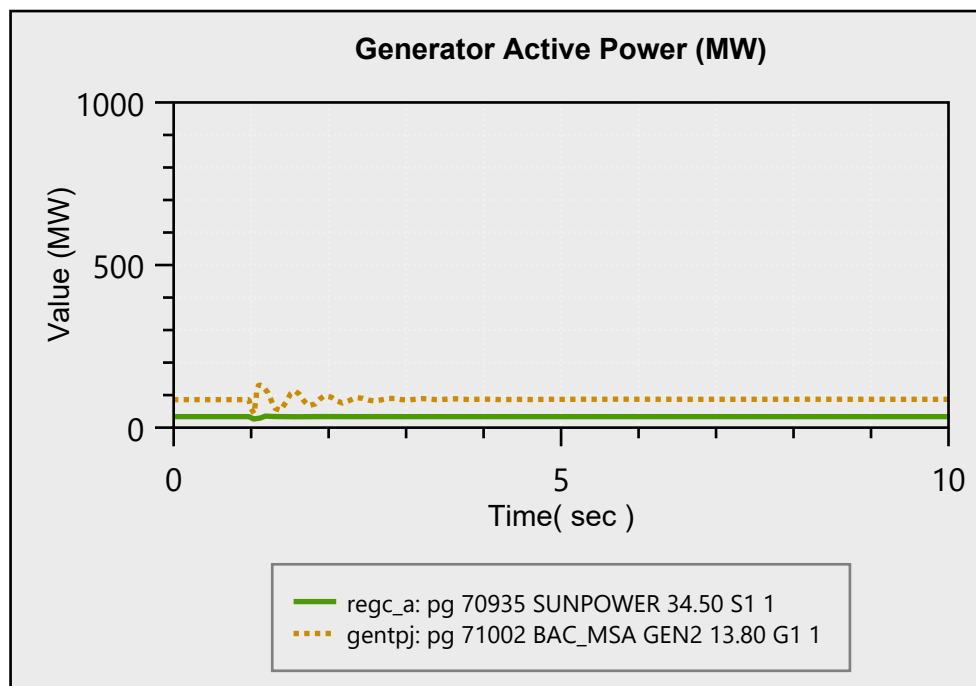
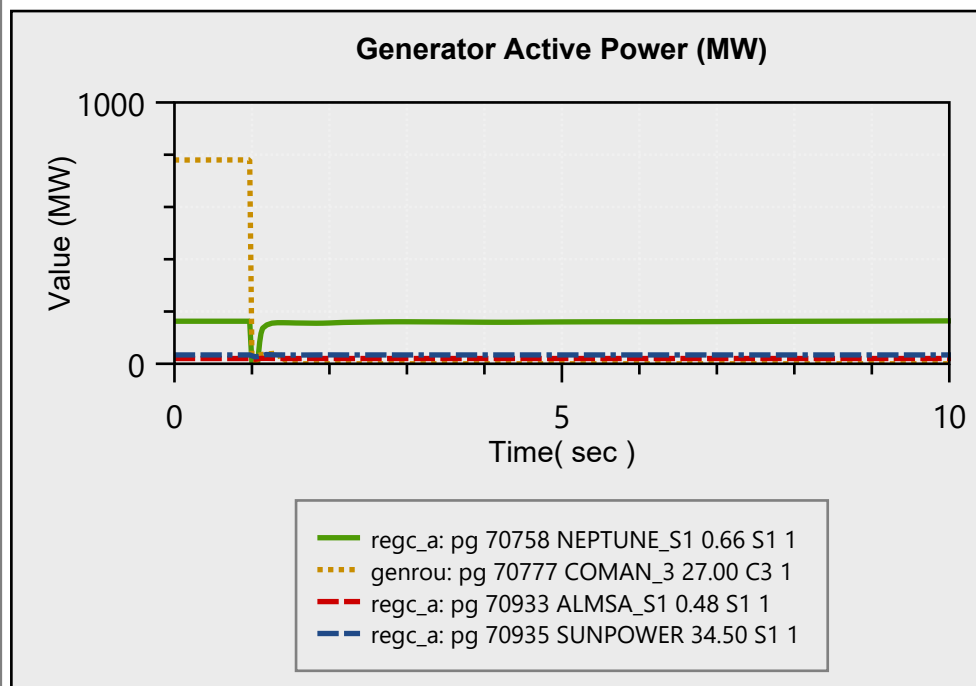
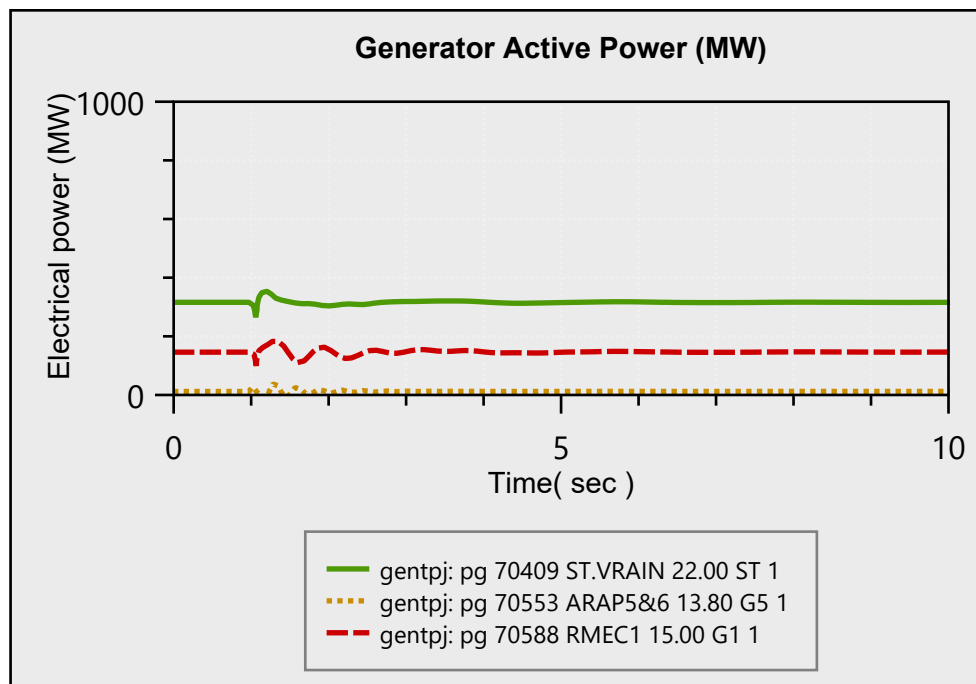
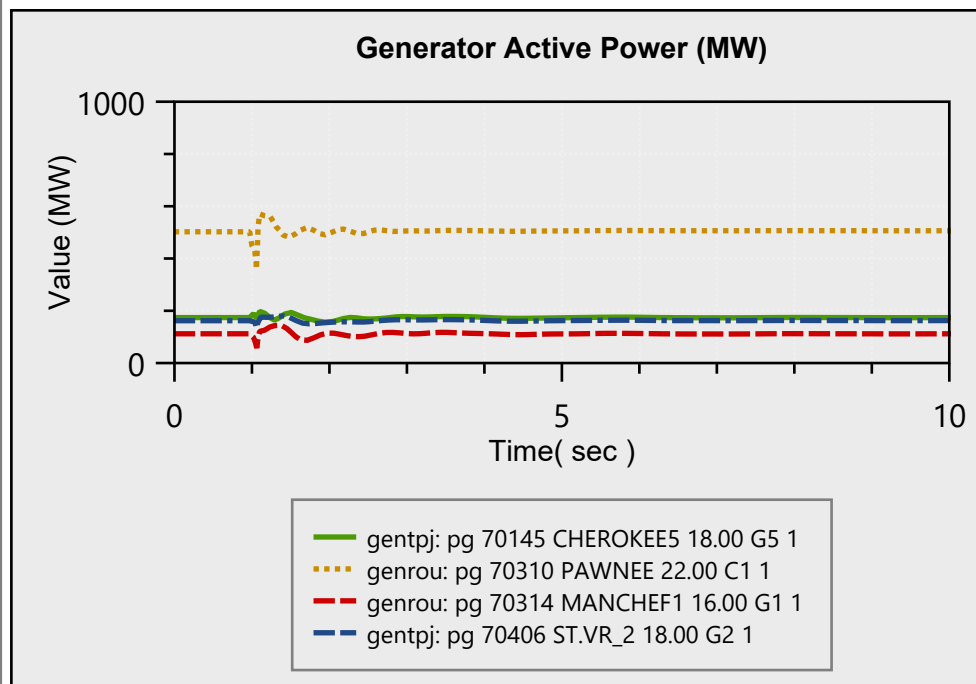
regc_a: vt 70758 NEPTUNE_S1 0.66 S1 1
 genrou: vt 70777 COMAN_3 27.00 C3 1
 regc_a: vt 70933 ALMSA_S1 0.48 S1 1
 regc_a: vt 70935 SUNPOWER 34.50 S1 1

Generator Terminal Voltage (pu)



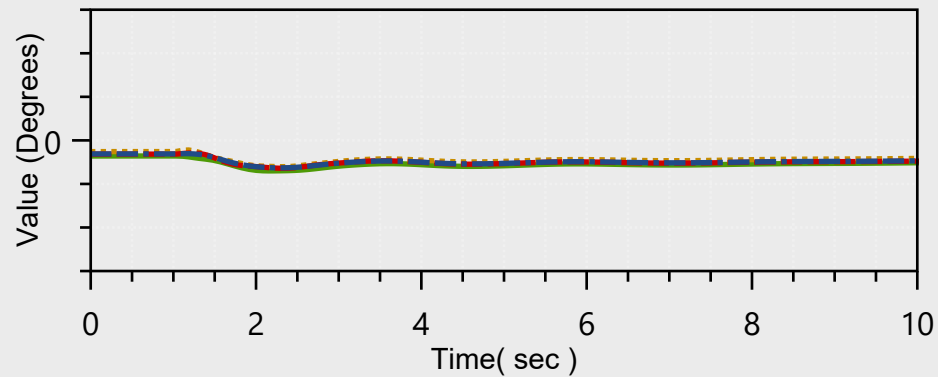
regc_a: vt 70935 SUNPOWER 34.50 S1 1
 gentpj: vt 71002 BAC_MSA GEN2 13.80 G1 1

OUTPUTS

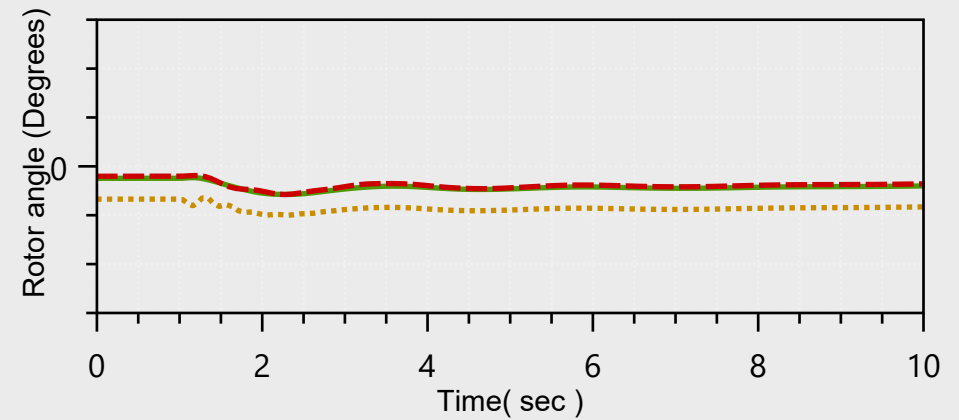


OUTPUTS

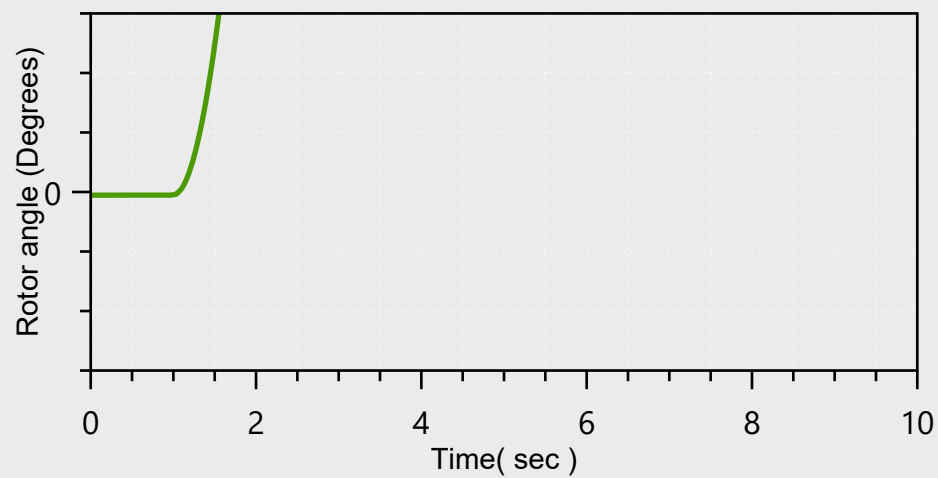
Generator Angles (Degrees)



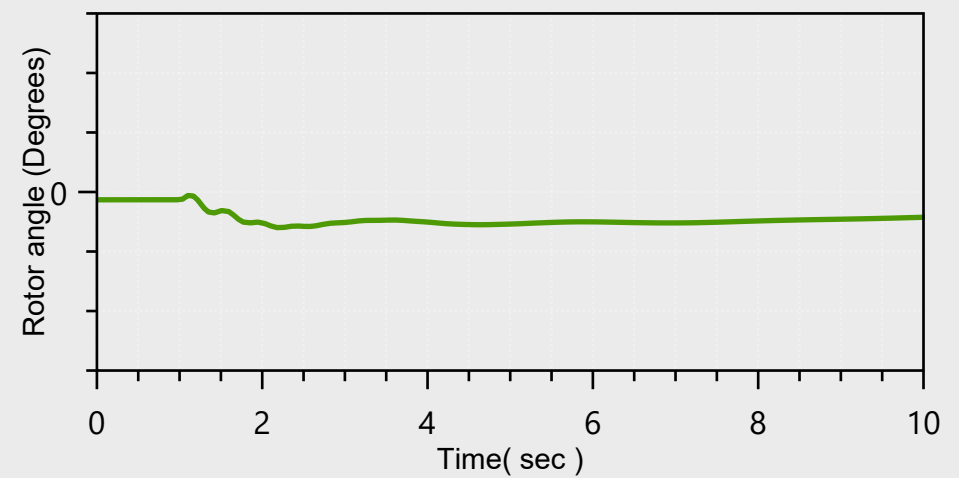
Generator Angles (Degrees)



Generator Angles (Degrees)

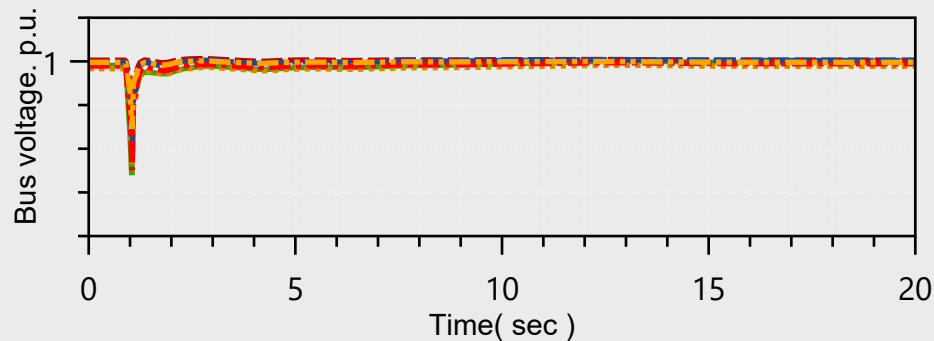


Generator Angles (Degrees)



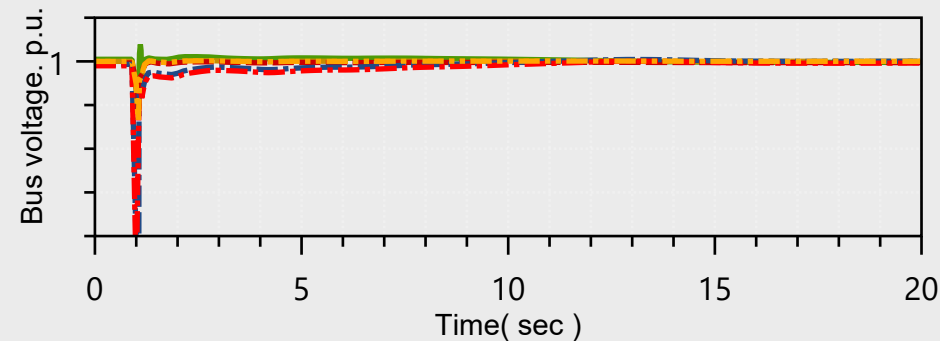
OUTPUTS

Voltage (pu)



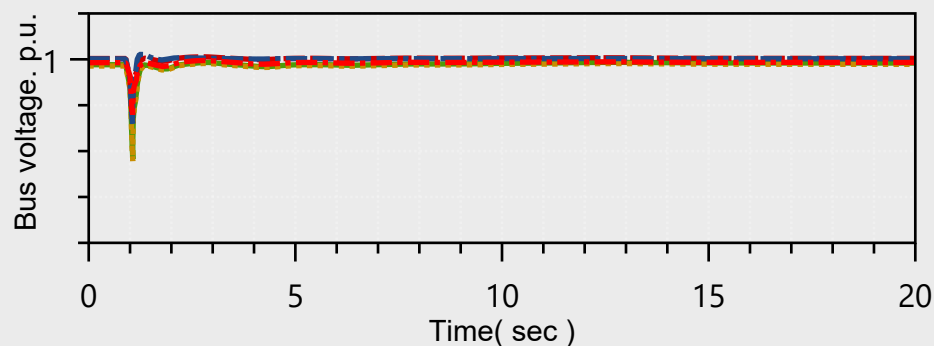
- vmeta: vbus 70465 MIDWAY_PS 345.00 1 1
- vmeta: vbus 70466 WATERTON 345.00 1 1
- - - vmeta: vbus 70598 PAWNEE 345.00 1 1
- - - vmeta: vbus 70599 SMOKY_HL 345.00 1 1
- . . vmeta: vbus 70601 DANIEL_PK 345.00 1 1
- . . vmeta: vbus 70624 MISS_SITE 345.00 1 1

Voltage (pu)



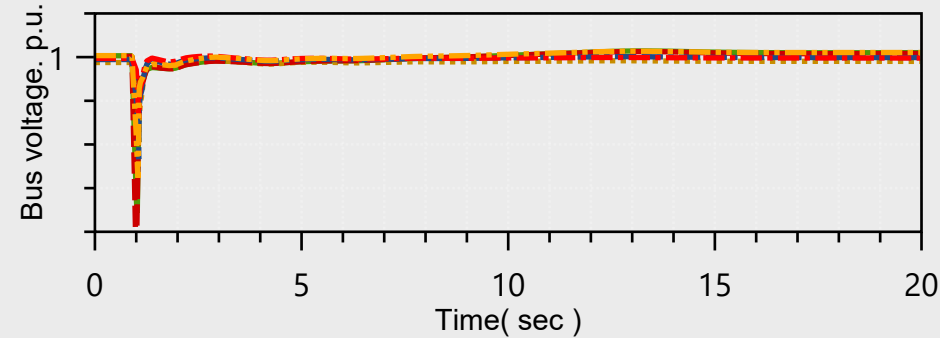
- vmeta: vbus 70627 LIMON3 345.00 1 1
- vmeta: vbus 70628 PRONGHORN 345.00 1 1
- - - vmeta: vbus 70630 SHORTGRASS 345.00 1 1
- - - vmeta: vbus 70653 TUNDRA 345.00 1 1
- . . vmeta: vbus 70654 COMANCHE 345.00 1 1
- . . vmeta: vbus 70764 RUSHCK1_W1W2 345.00 1 1

Voltage (pu)



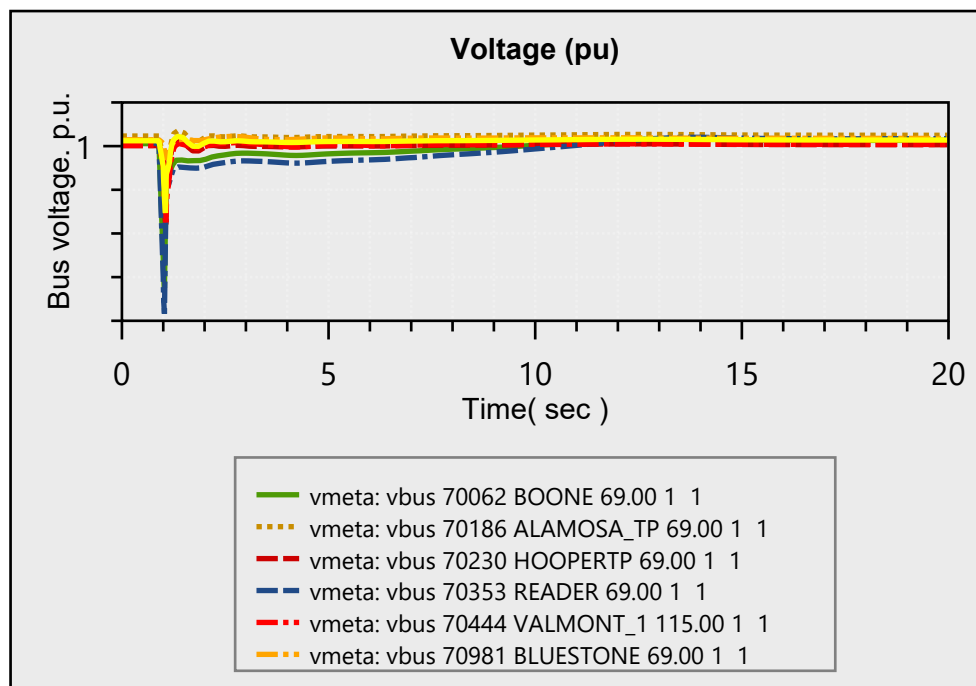
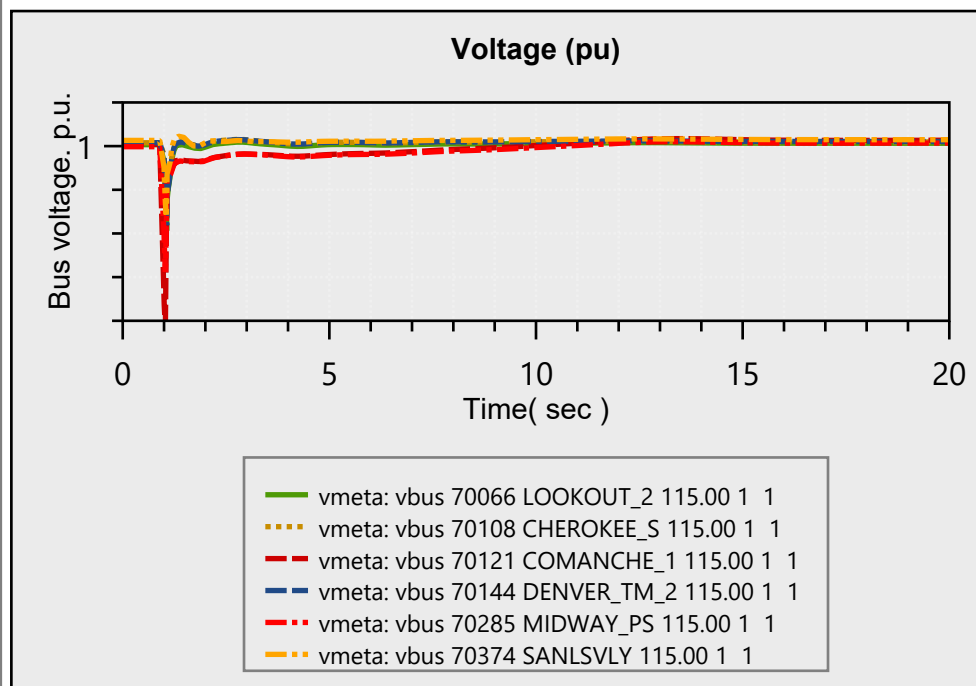
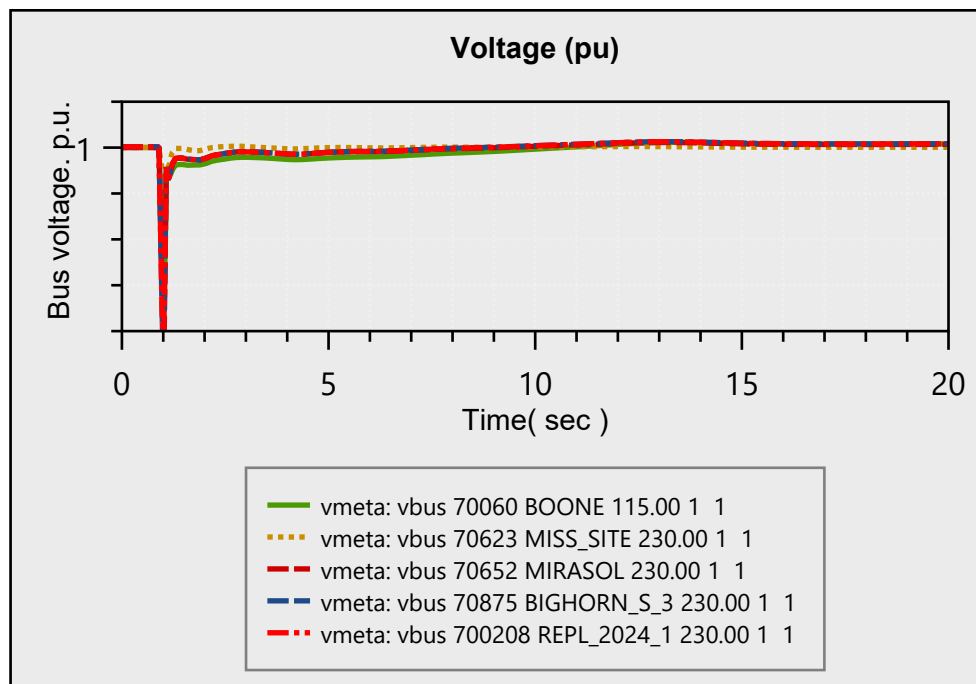
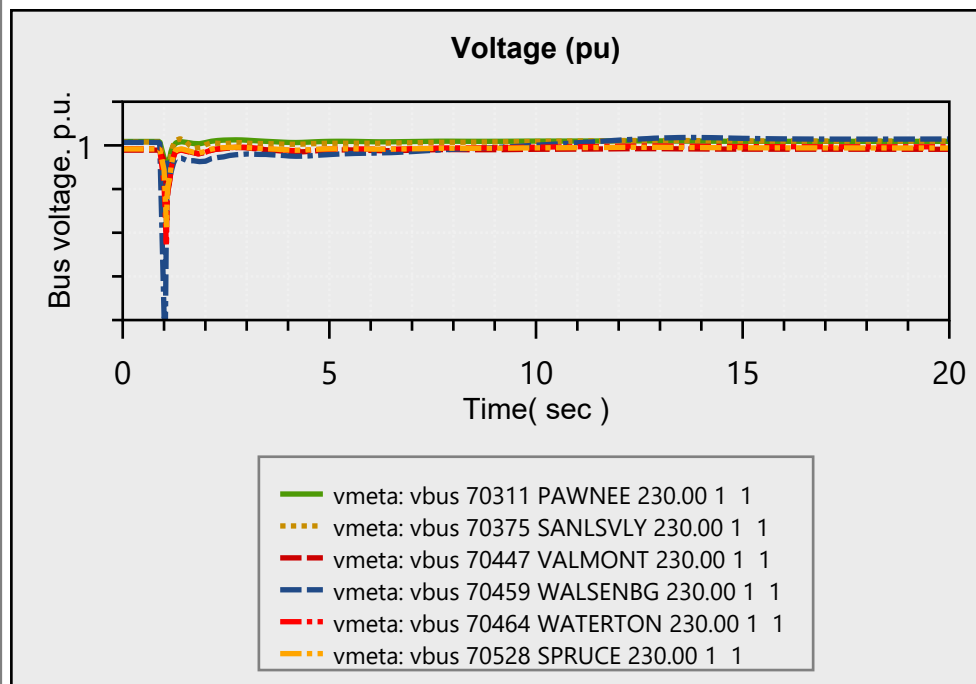
- vmeta: vbus 70018 SODA_LAKES 230.00 1 1
- vmeta: vbus 70038 ARAPAHOE 230.00 1 1
- - - vmeta: vbus 70915 CANAL_XING 345.00 1 1
- - - vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
- . . vmeta: vbus 70916 FT_ST_VRAIN 345.00 1 1

Voltage (pu)



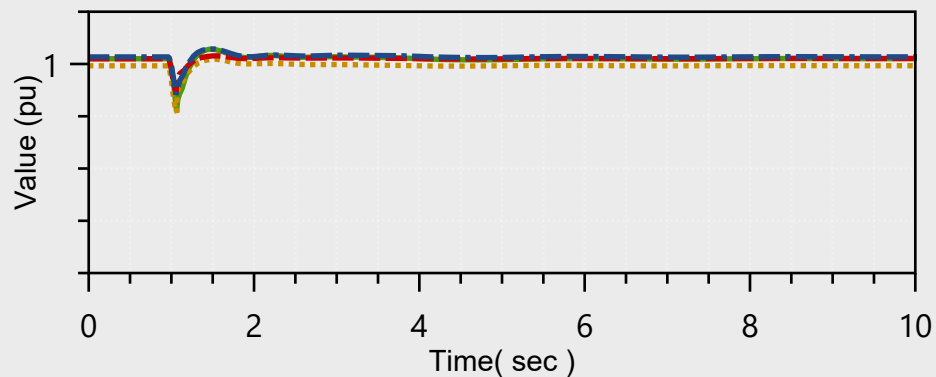
- vmeta: vbus 70061 BOONE 230.00 1 1
- vmeta: vbus 70107 CHEROKEE 230.00 1 1
- - - vmeta: vbus 70122 COMANCHE 230.00 1 1
- - - vmeta: vbus 70139 DANIEL_PK 230.00 1 1
- . . vmeta: vbus 70192 FT_LUPTON 230.00 1 1
- . . vmeta: vbus 70286 MIDWAY_PS 230.00 1 1

OUTPUTS

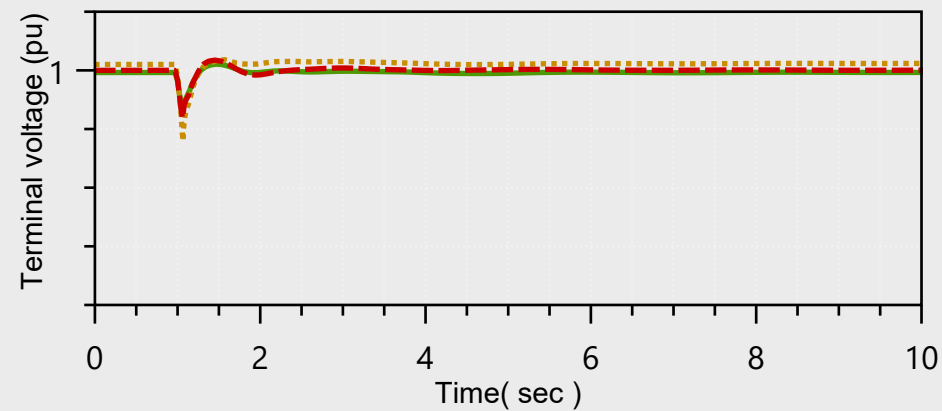


OUTPUTS

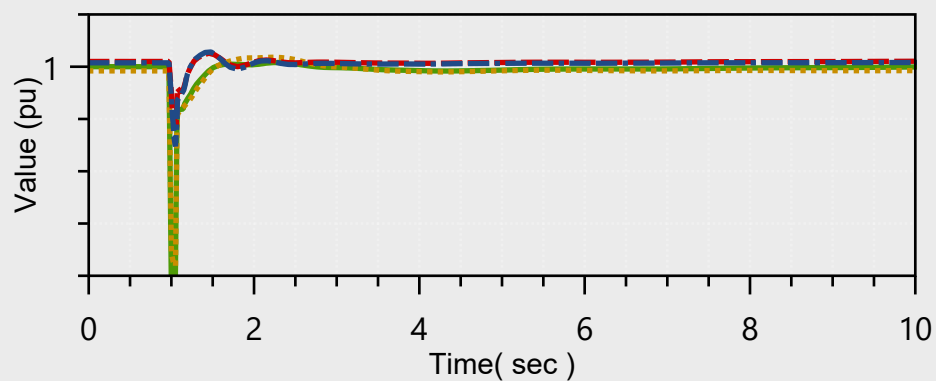
Generator Terminal Voltage (pu)



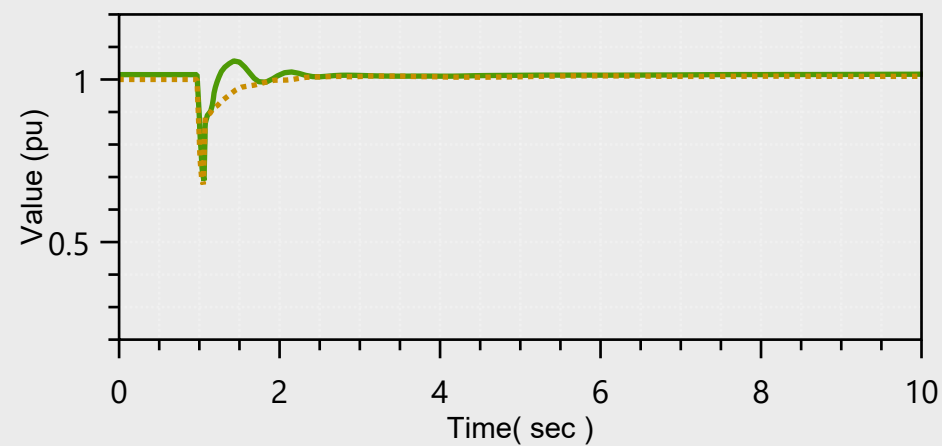
Generator Terminal Voltage (pu)



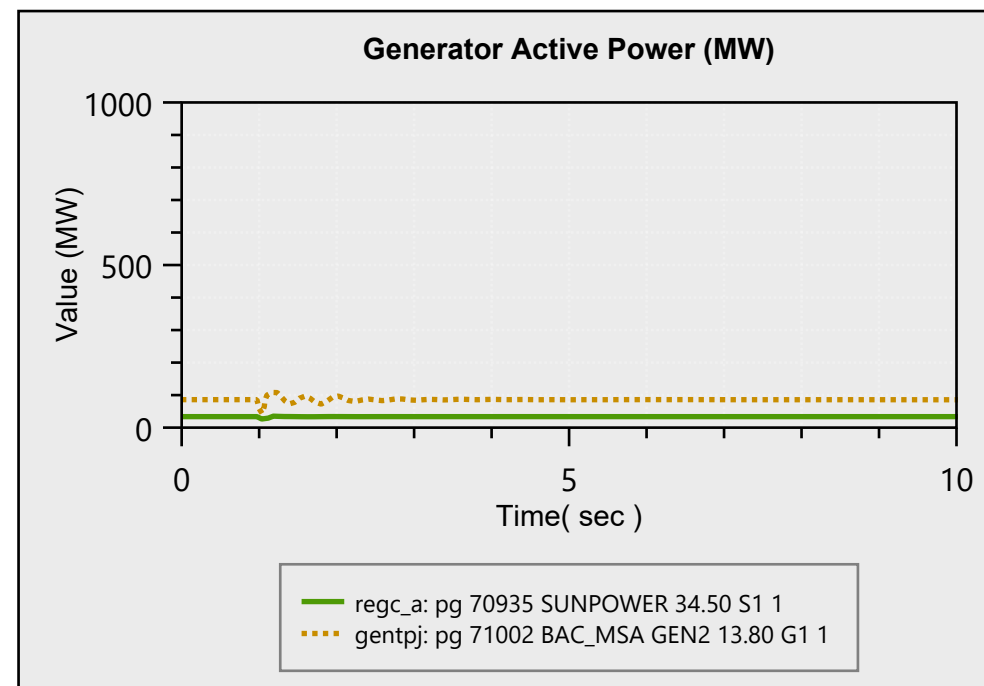
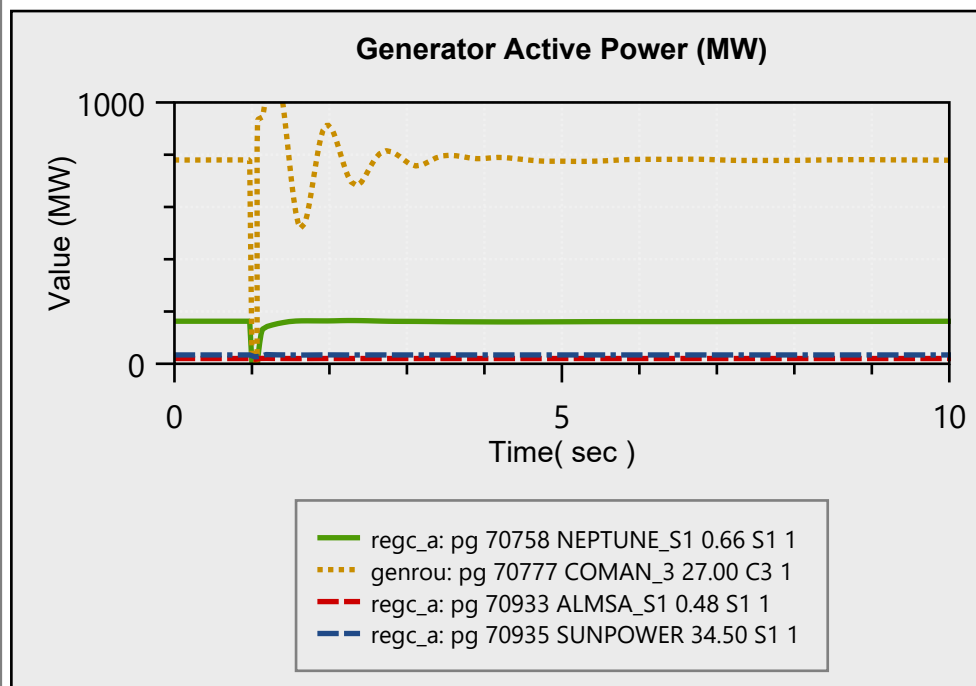
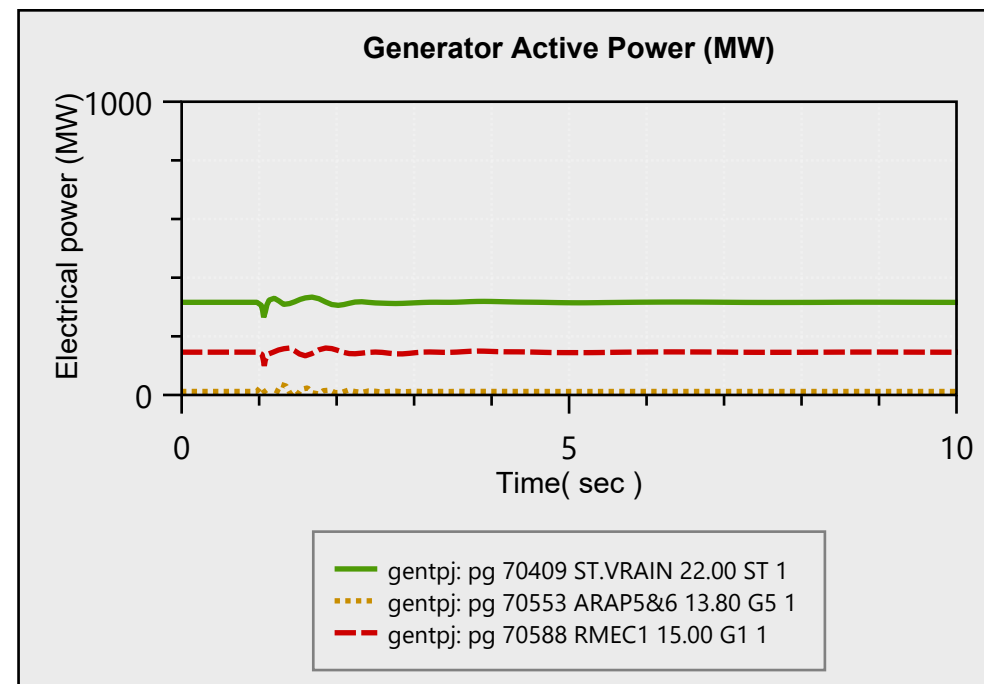
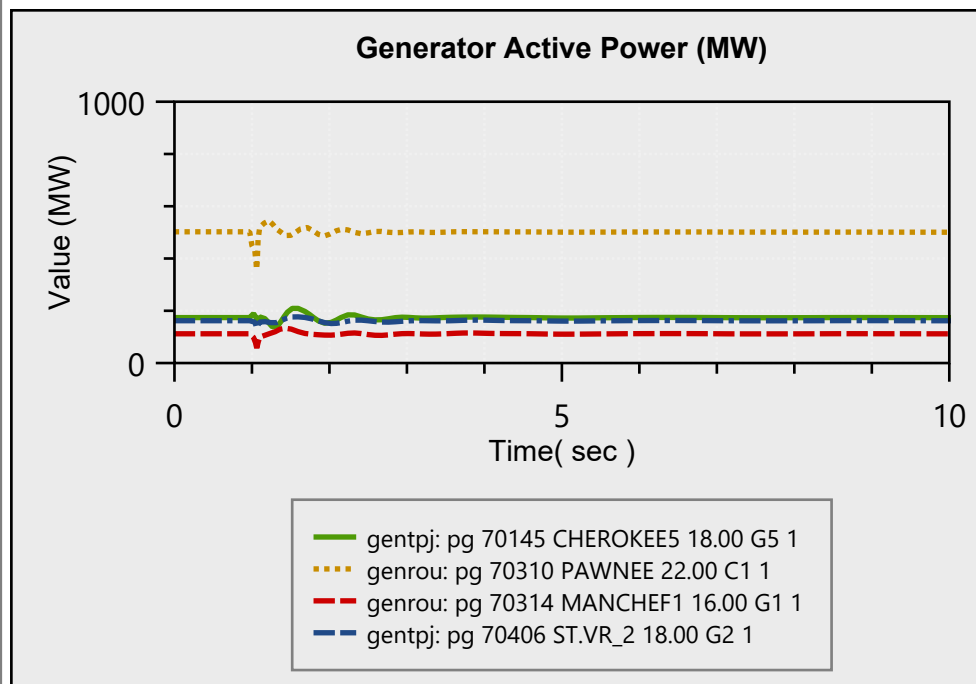
Generator Terminal Voltage (pu)



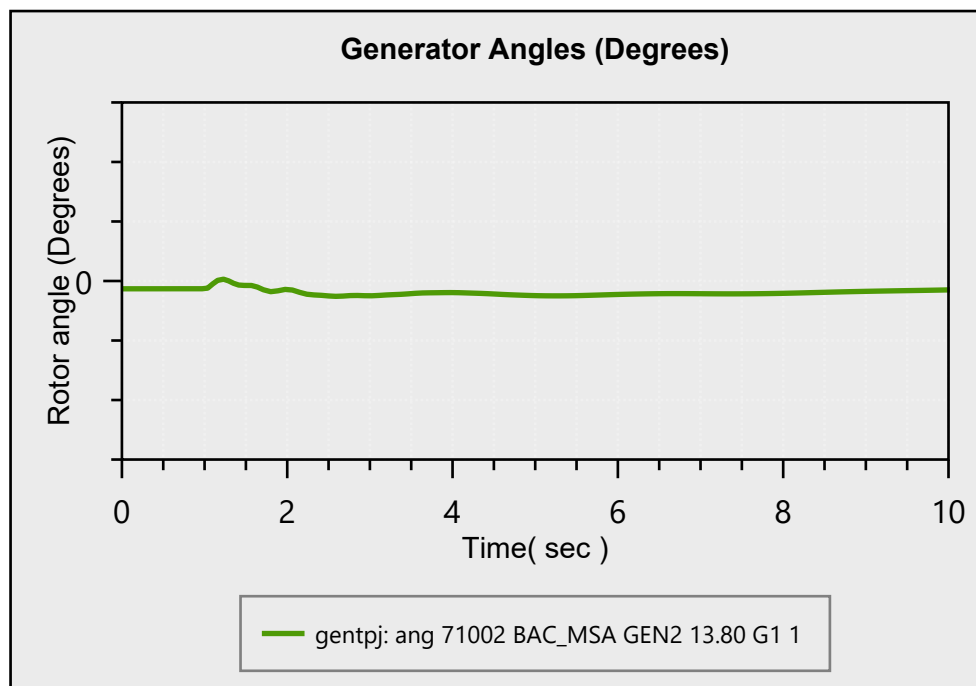
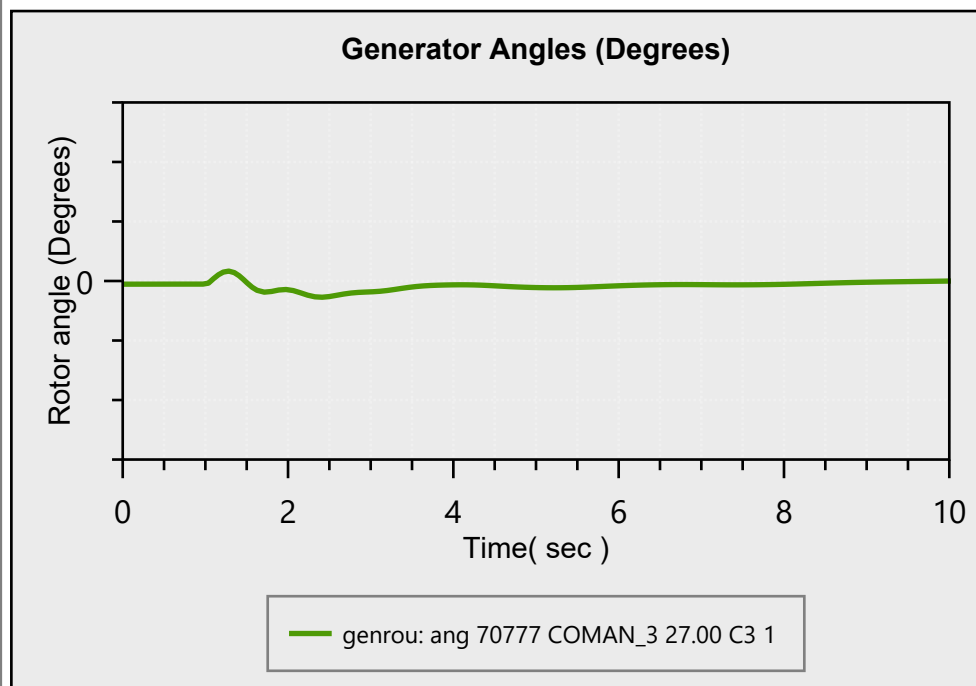
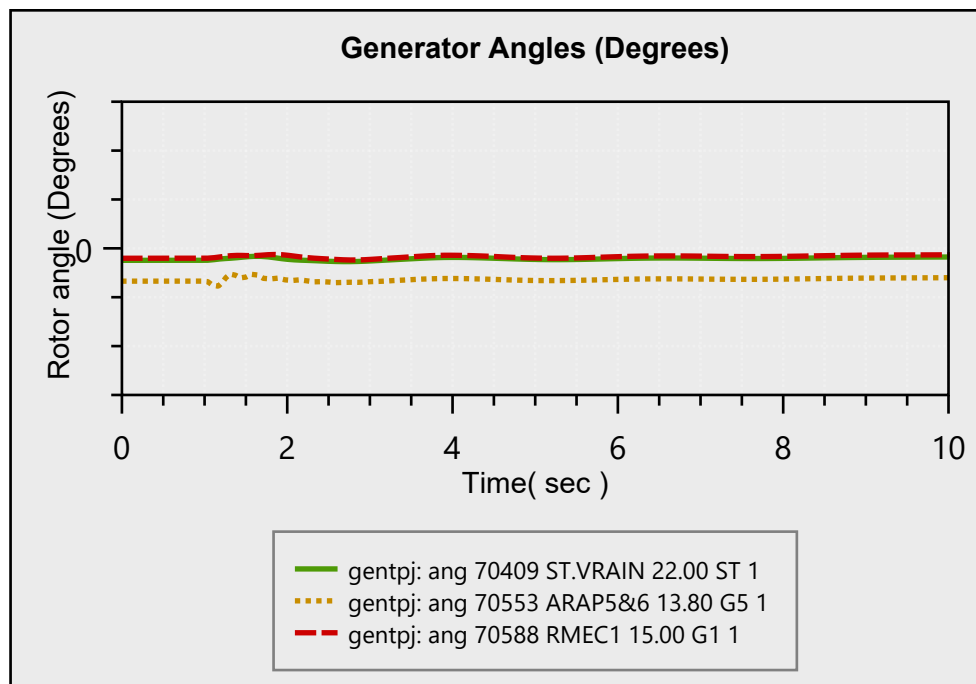
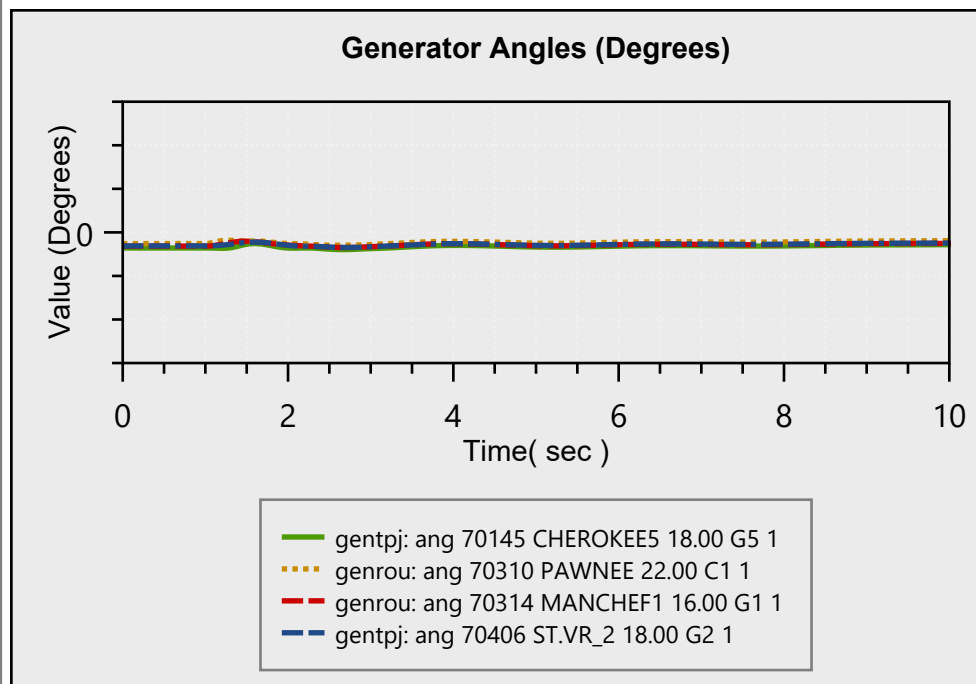
Generator Terminal Voltage (pu)



OUTPUTS

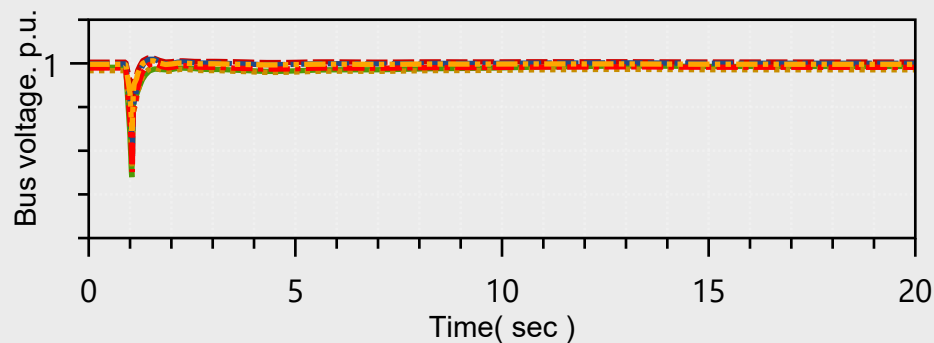


OUTPUTS

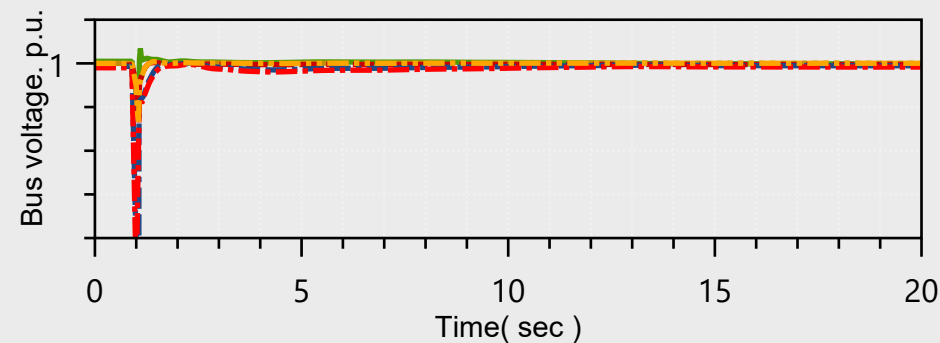


OUTPUTS

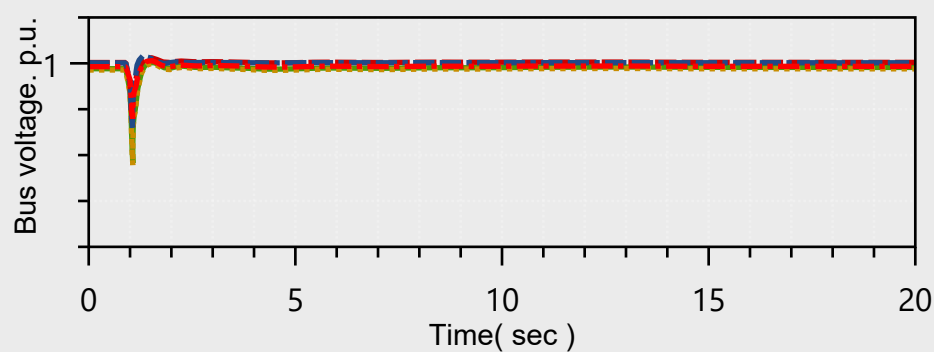
Voltage (pu)



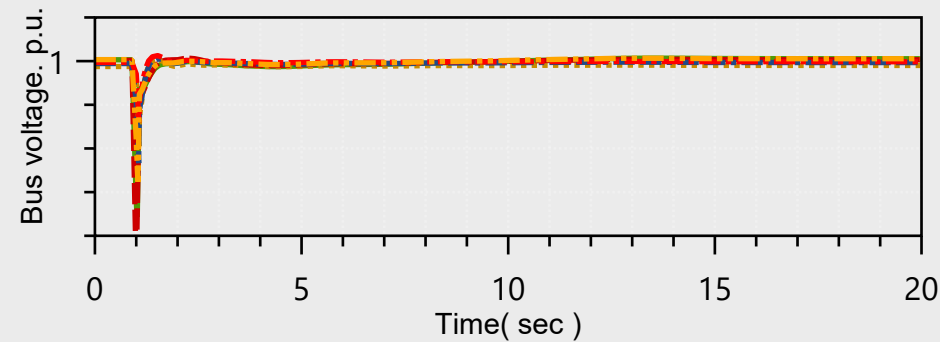
Voltage (pu)



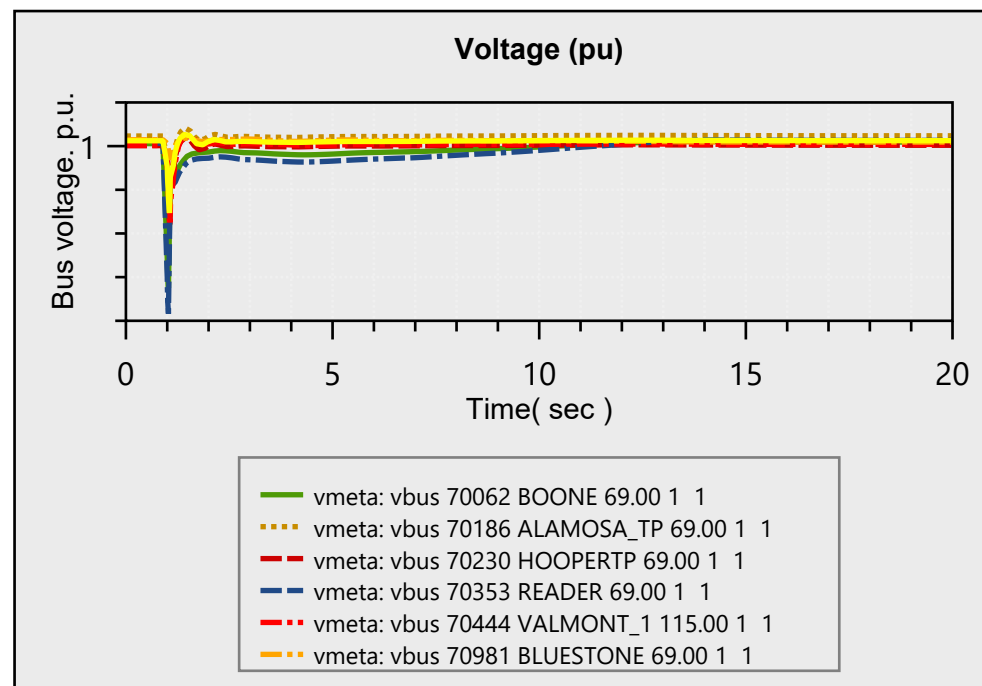
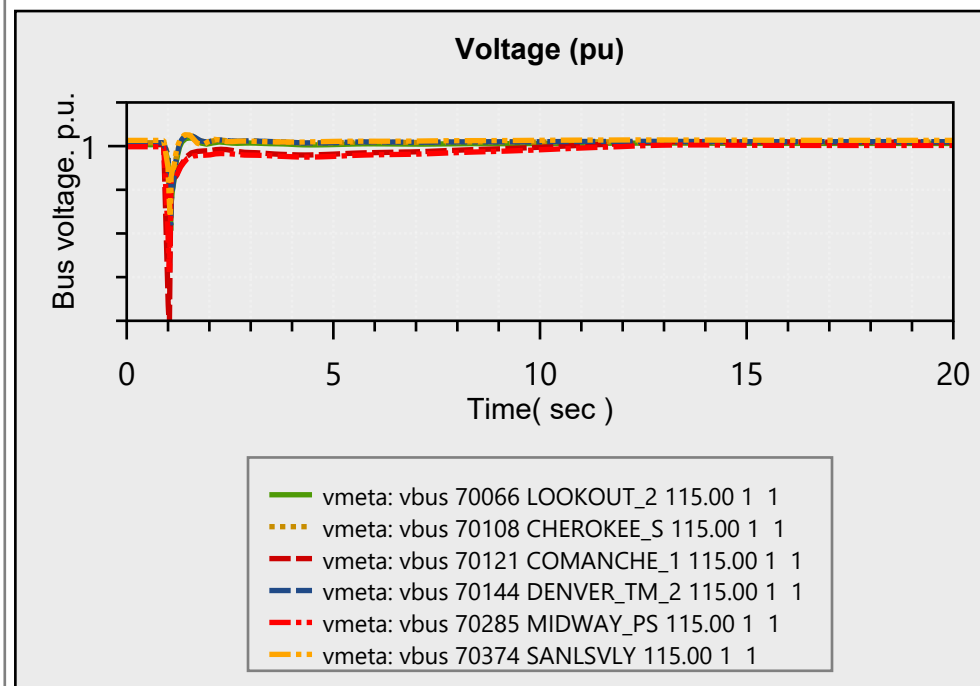
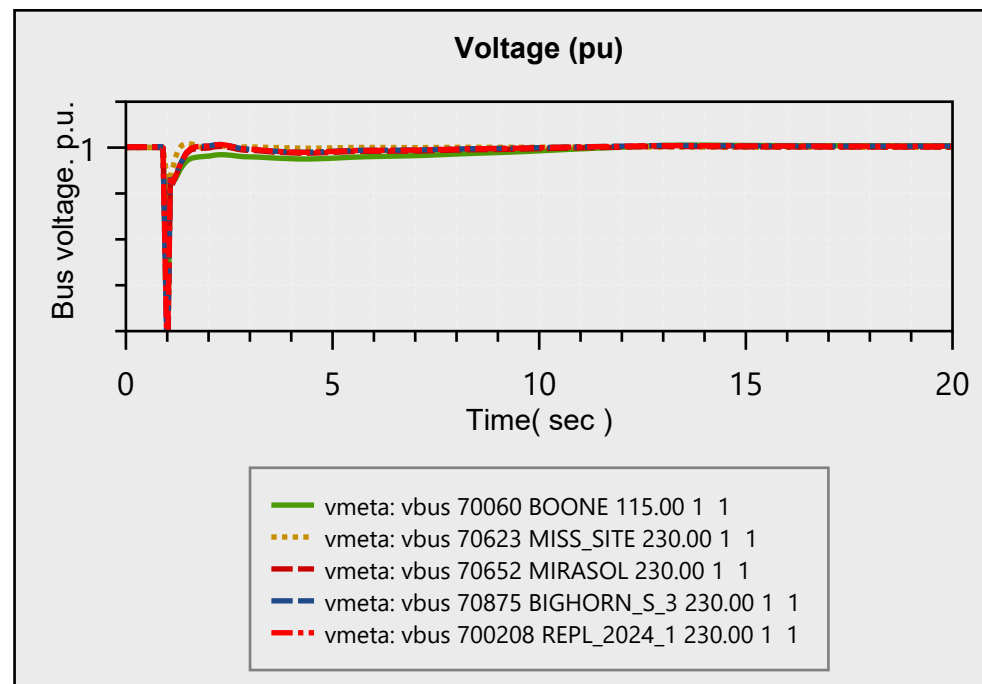
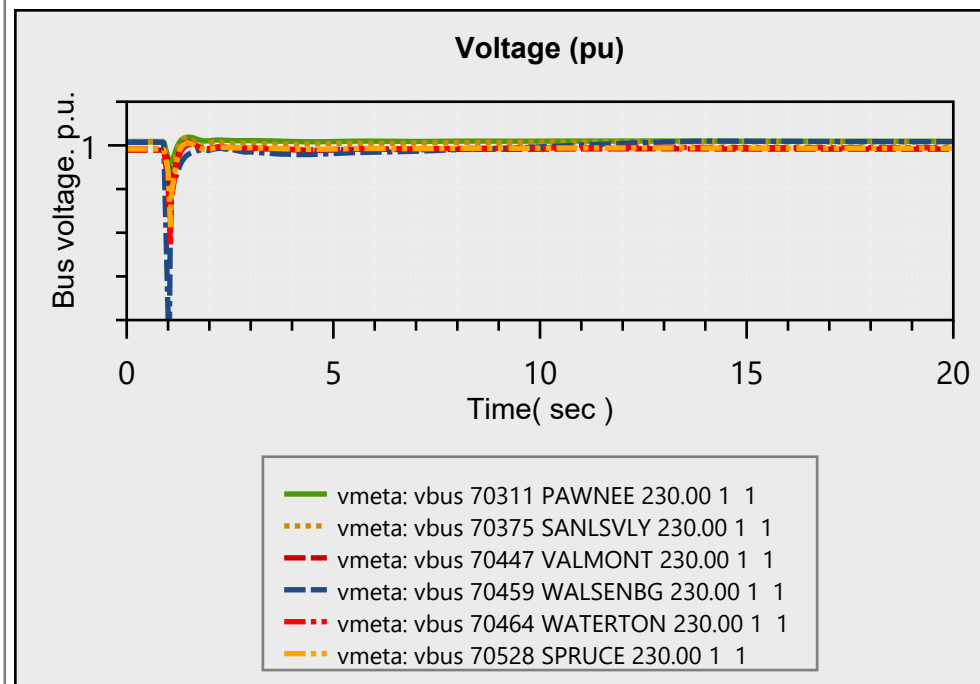
Voltage (pu)



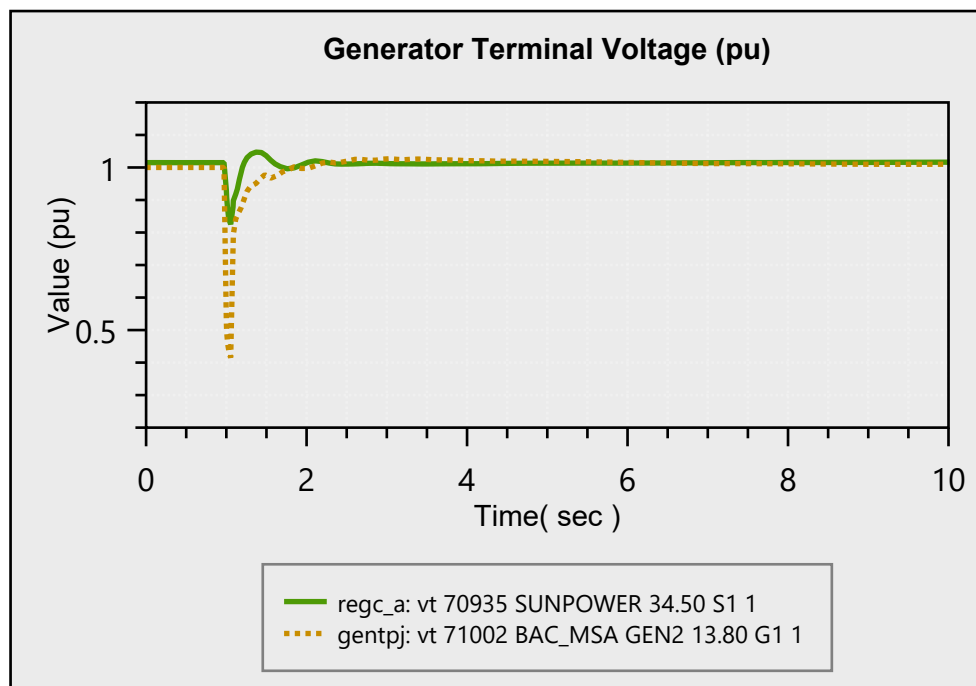
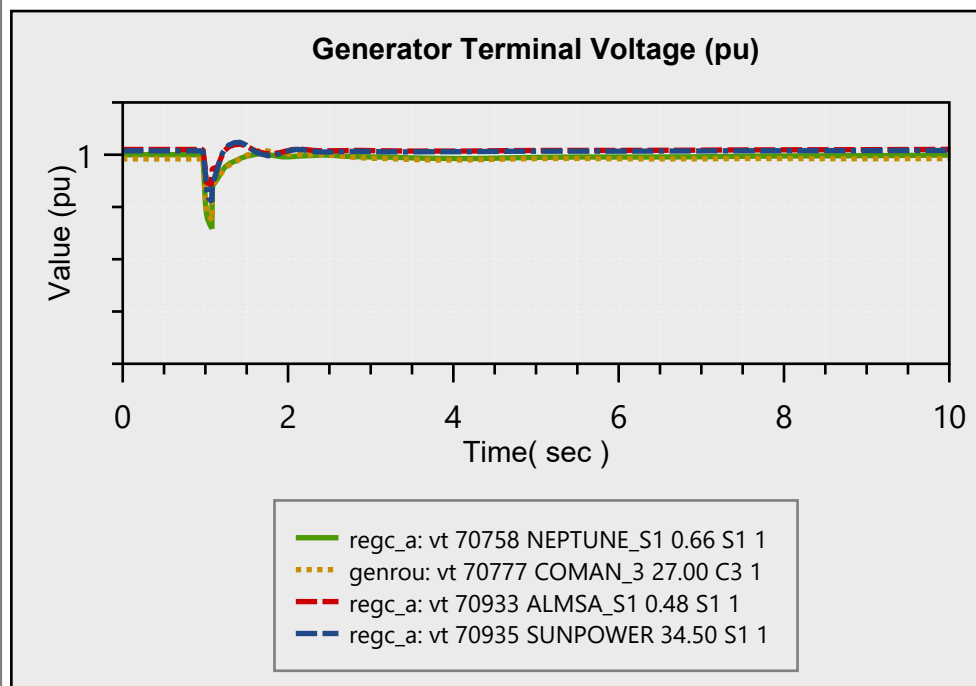
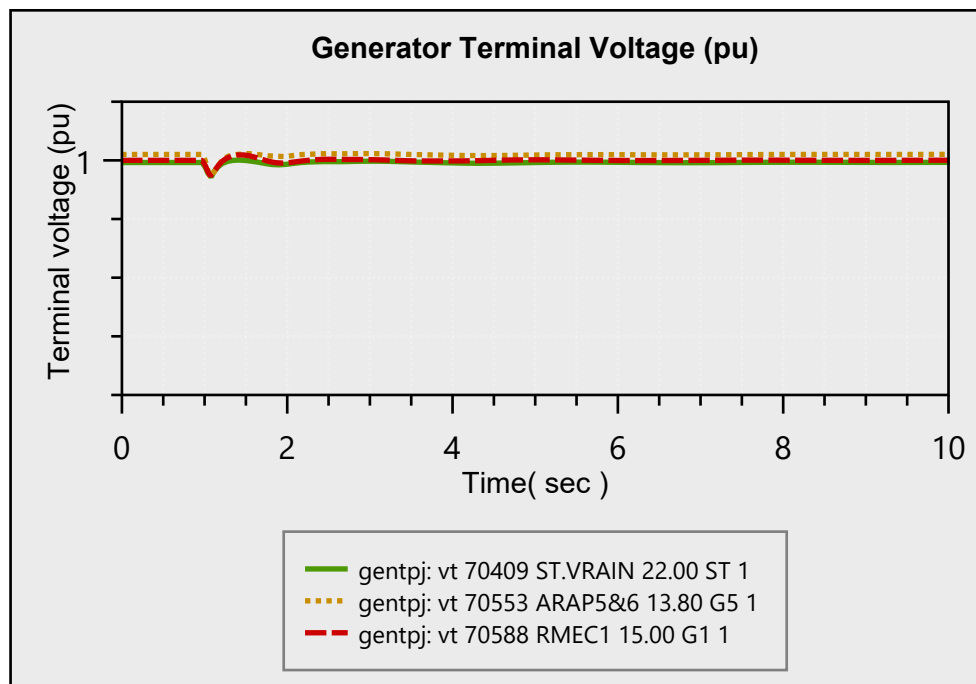
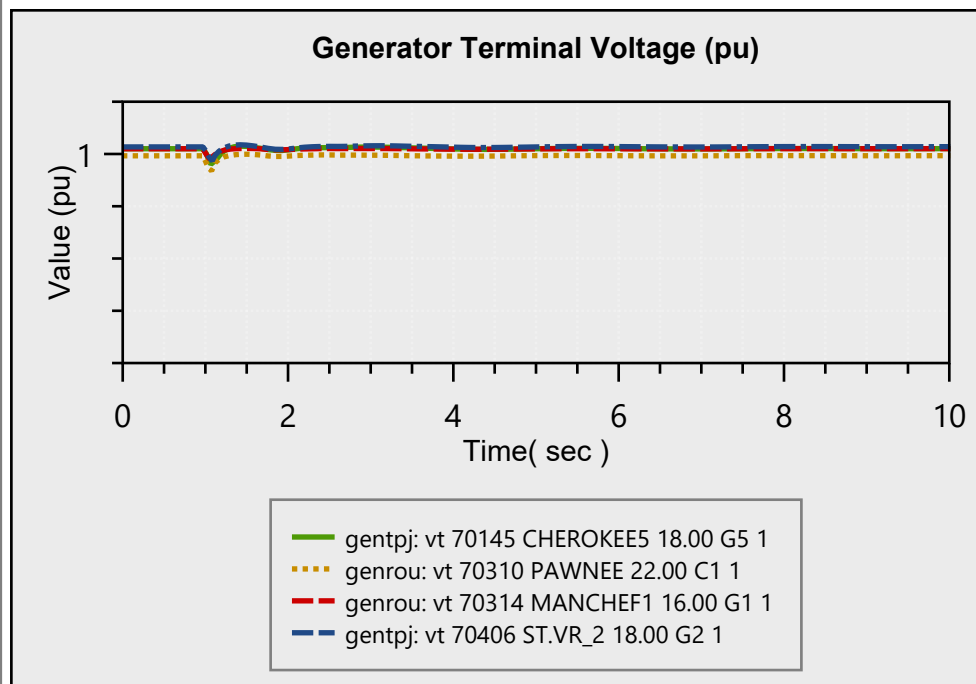
Voltage (pu)



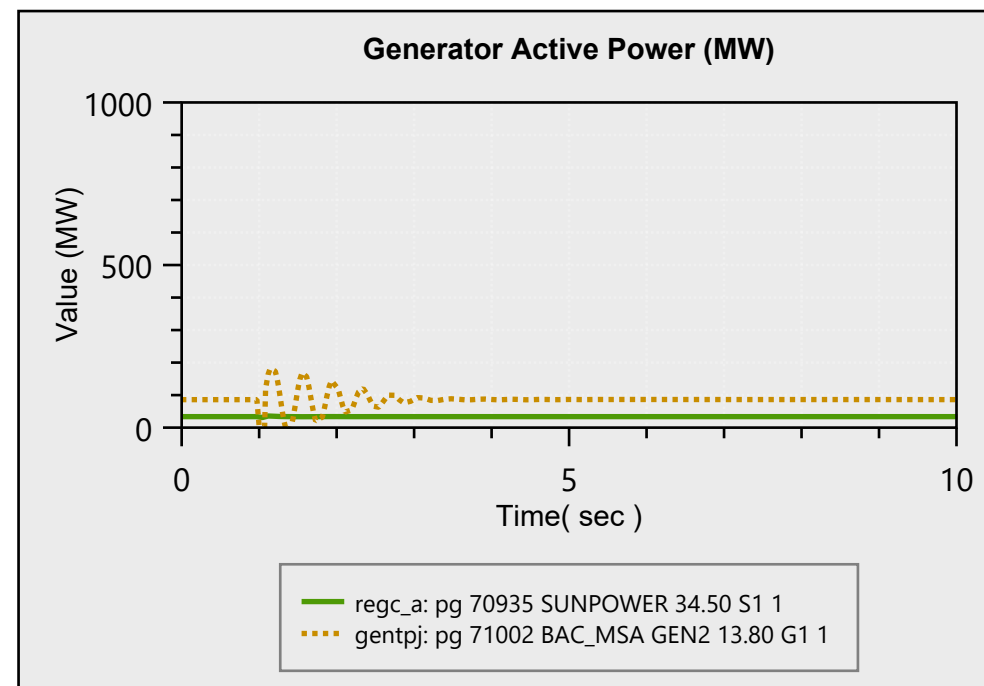
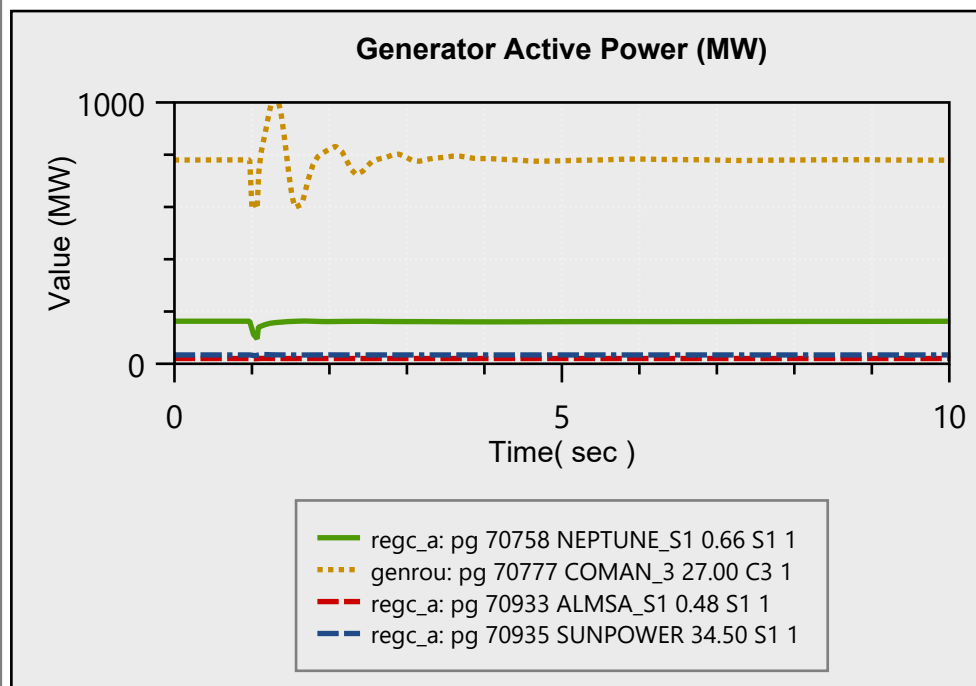
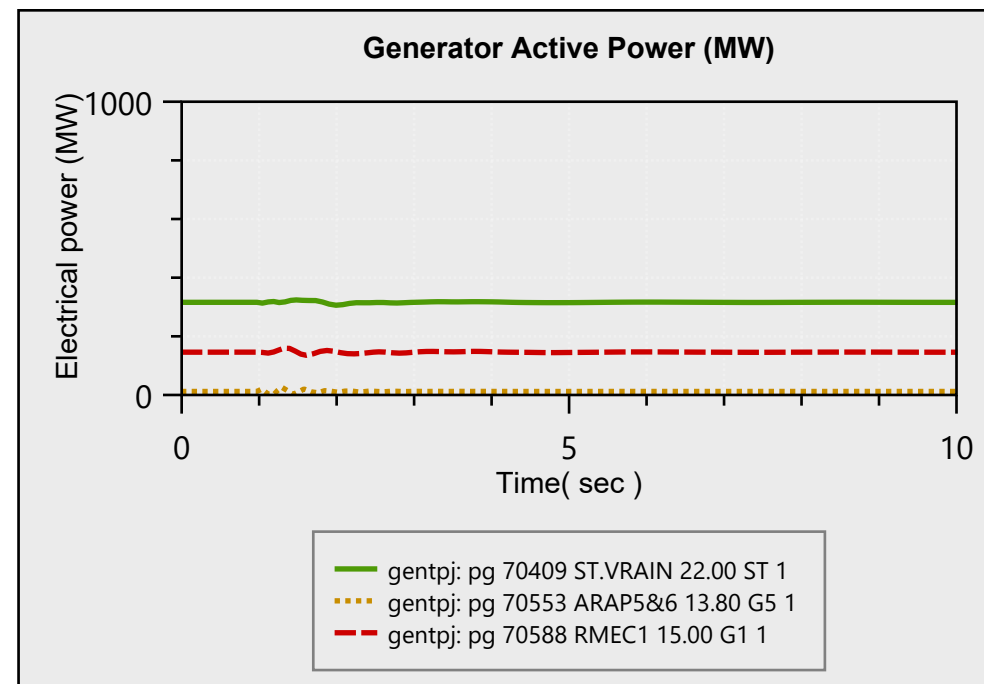
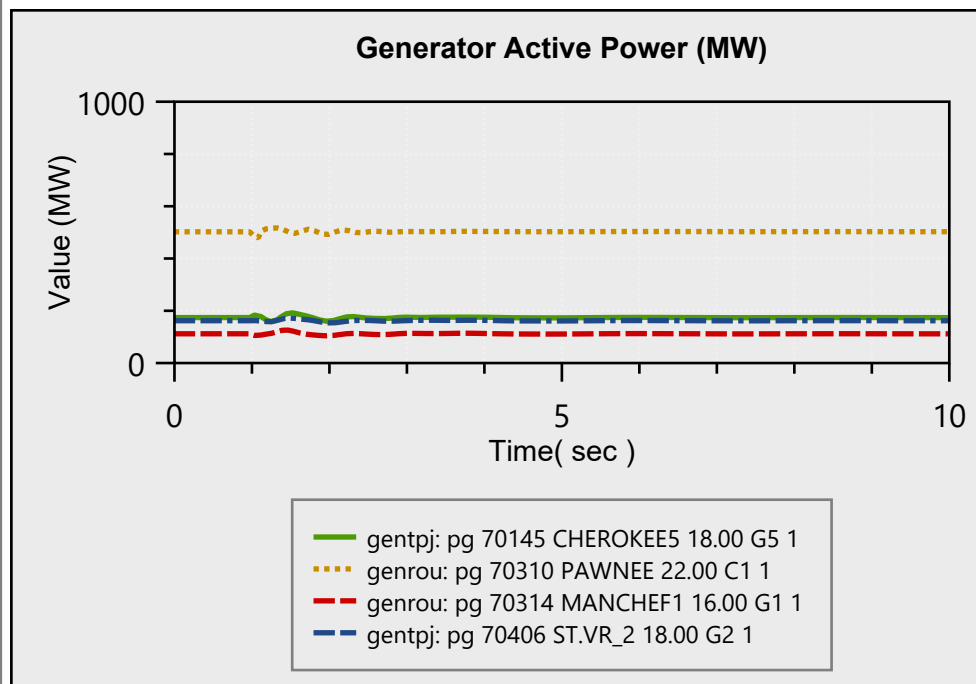
OUTPUTS



OUTPUTS

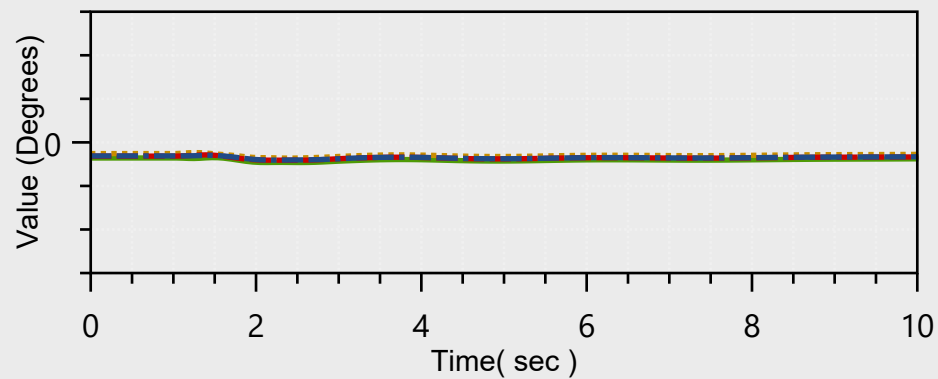


OUTPUTS

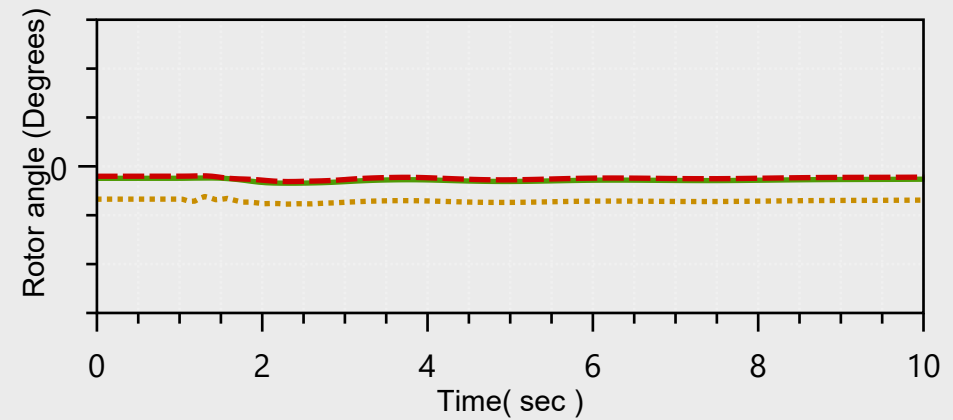


OUTPUTS

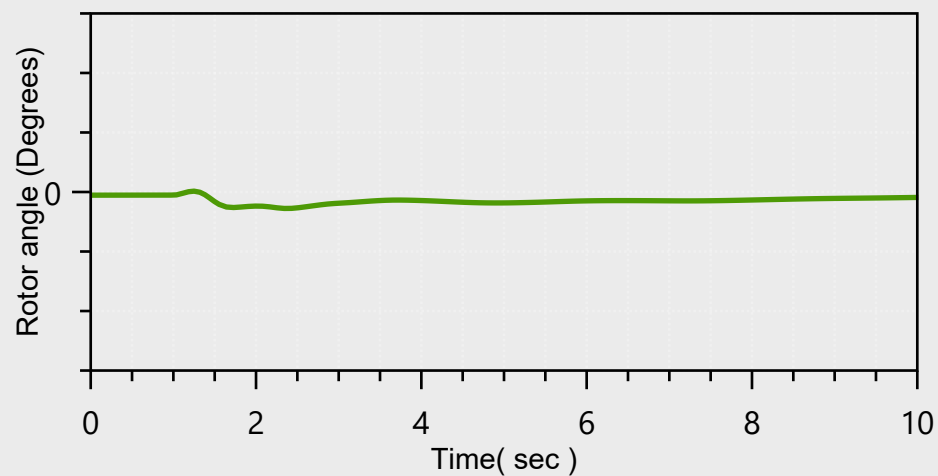
Generator Angles (Degrees)



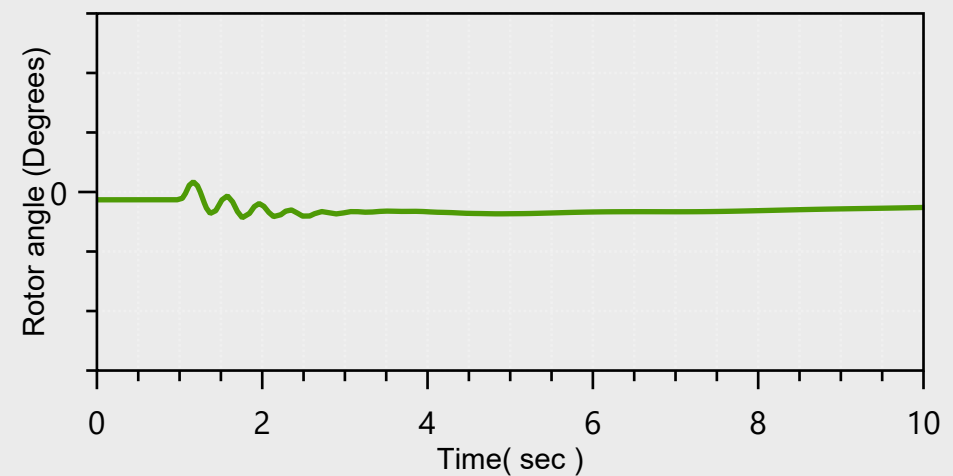
Generator Angles (Degrees)



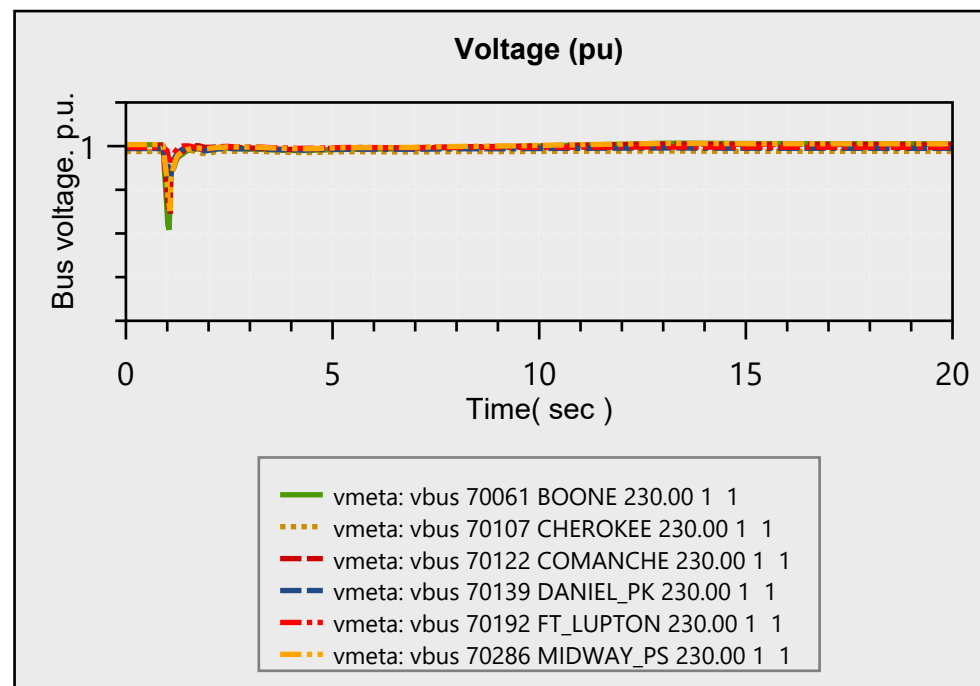
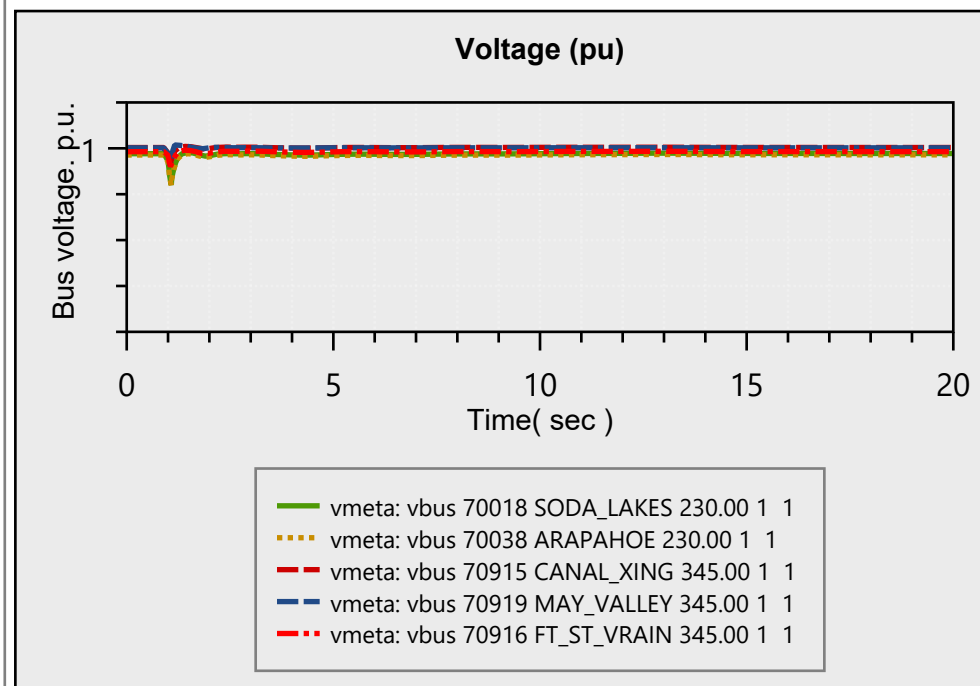
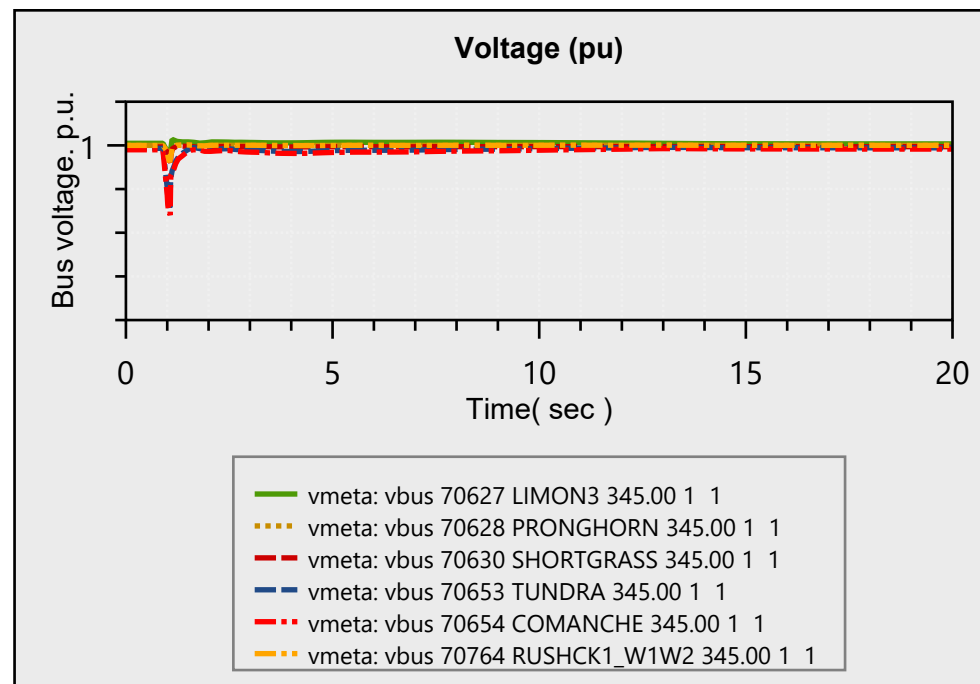
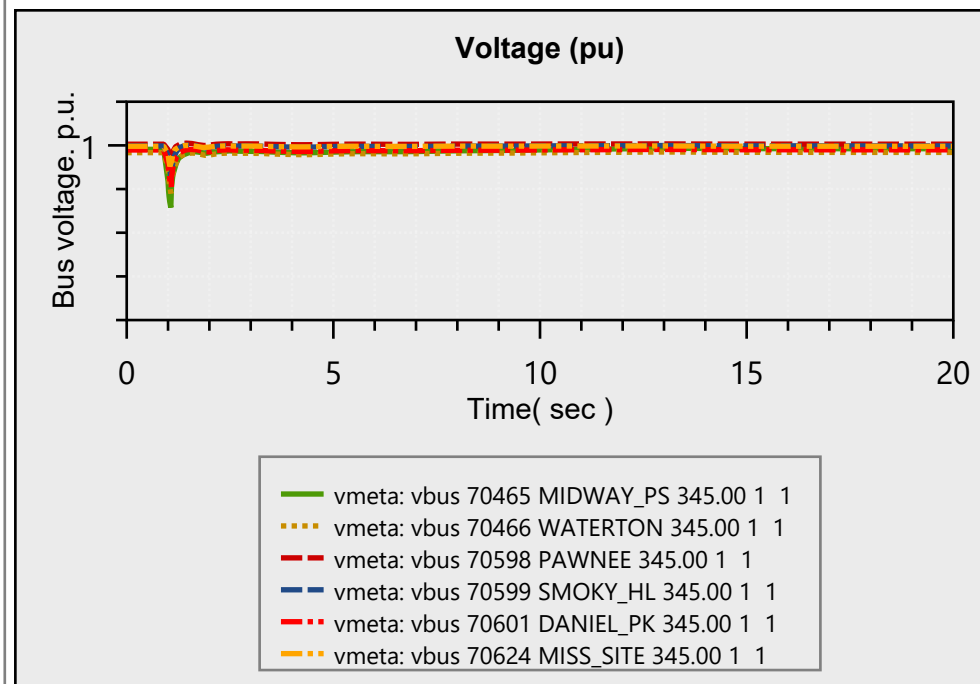
Generator Angles (Degrees)



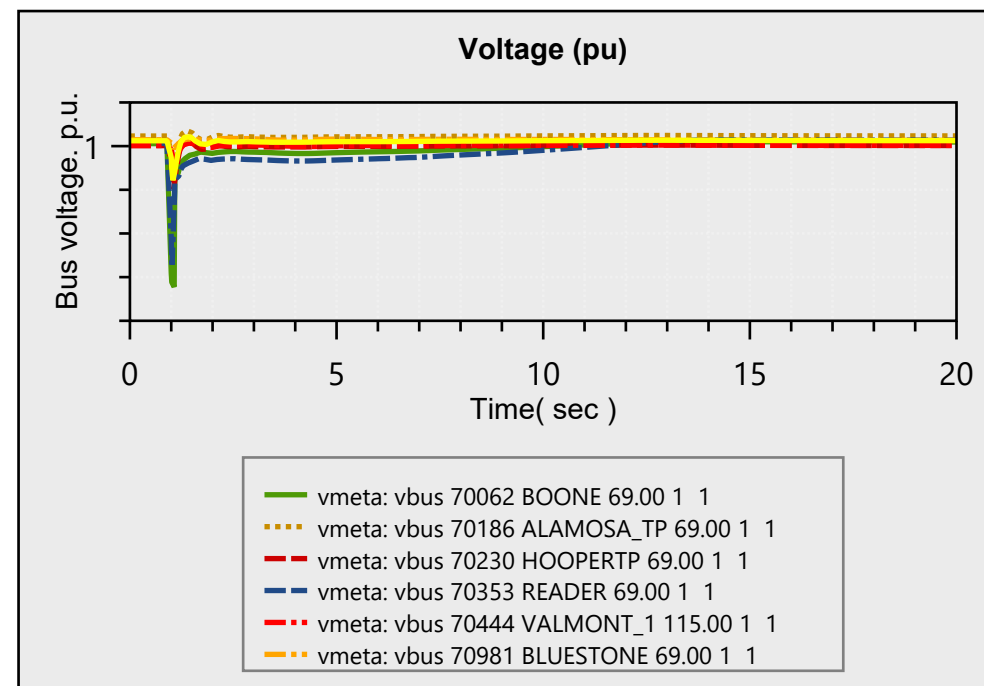
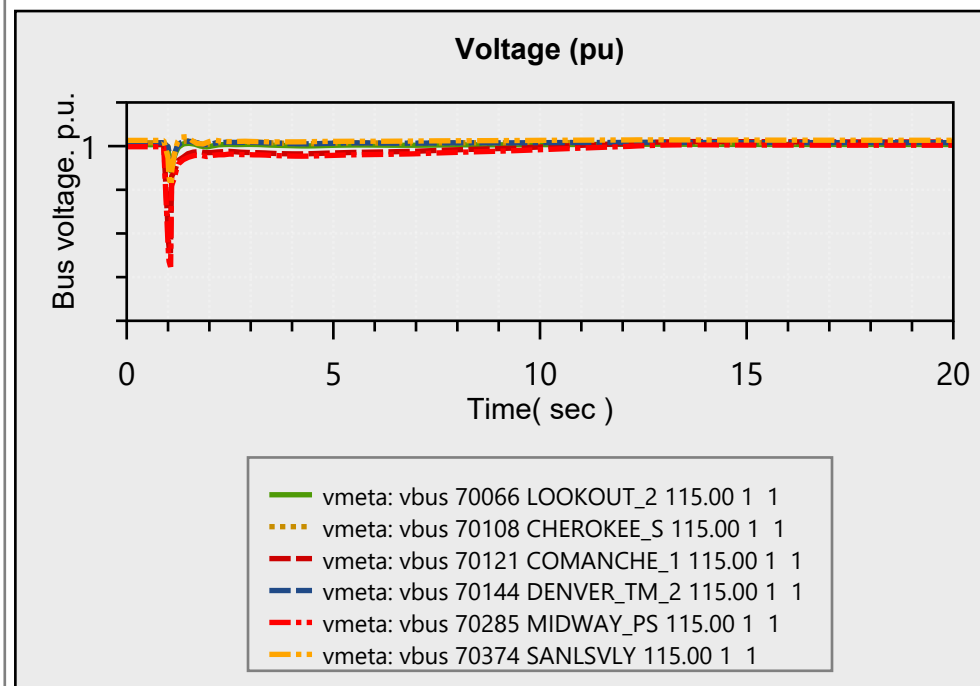
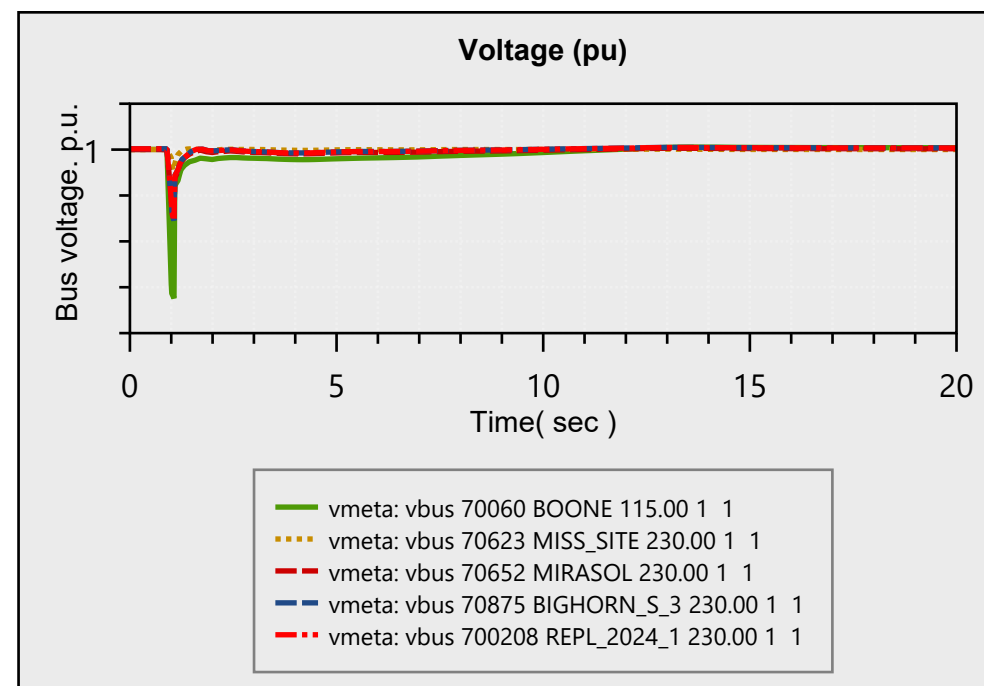
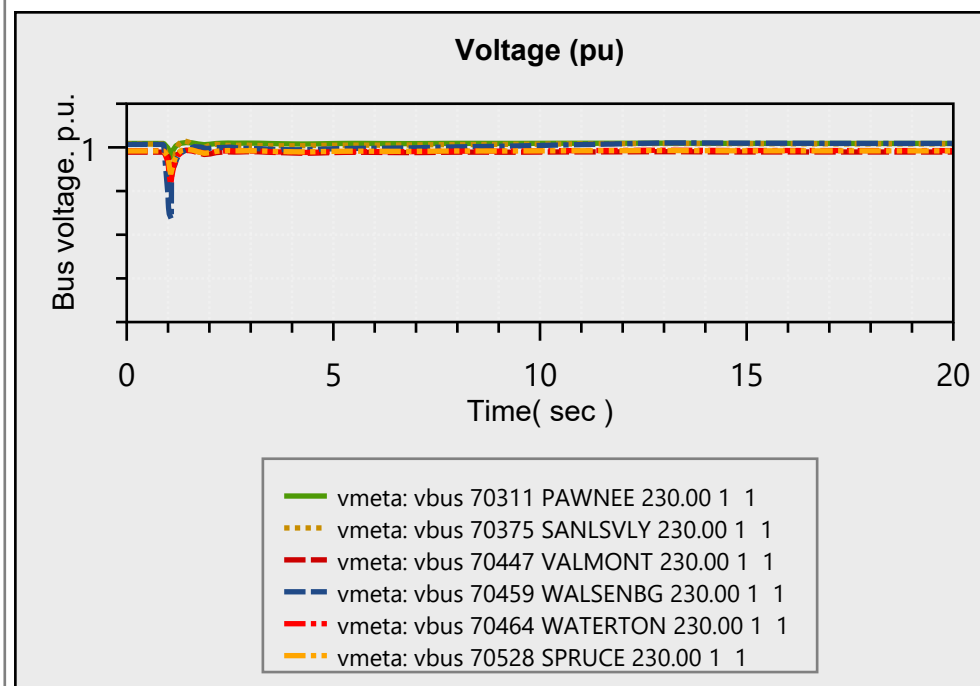
Generator Angles (Degrees)



OUTPUTS

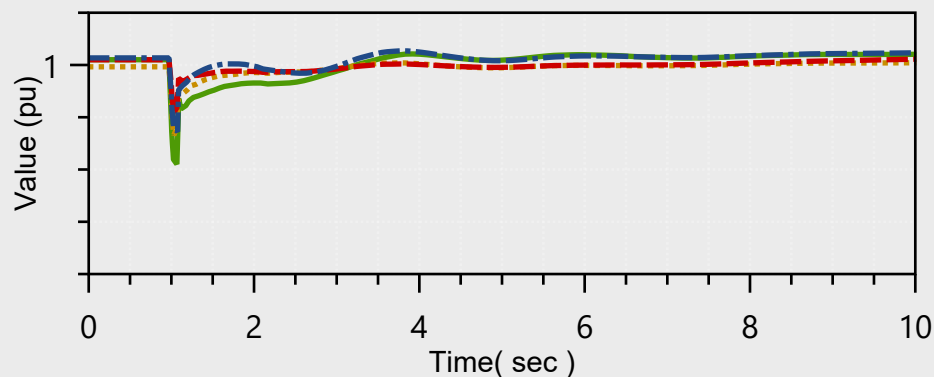


OUTPUTS

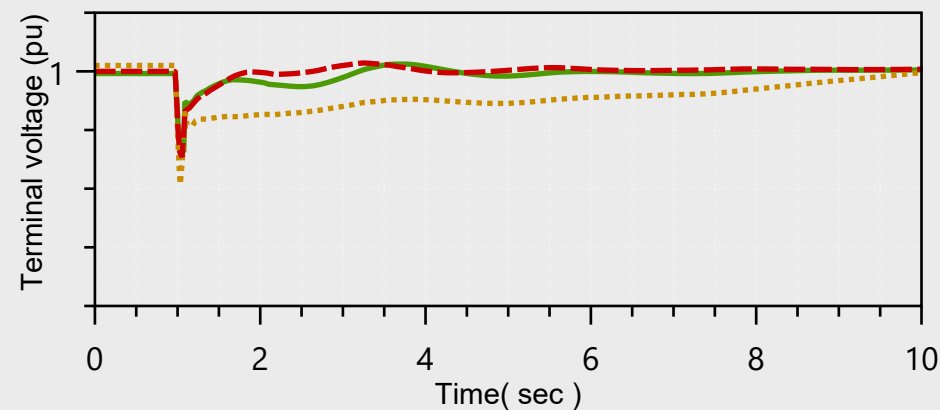


OUTPUTS

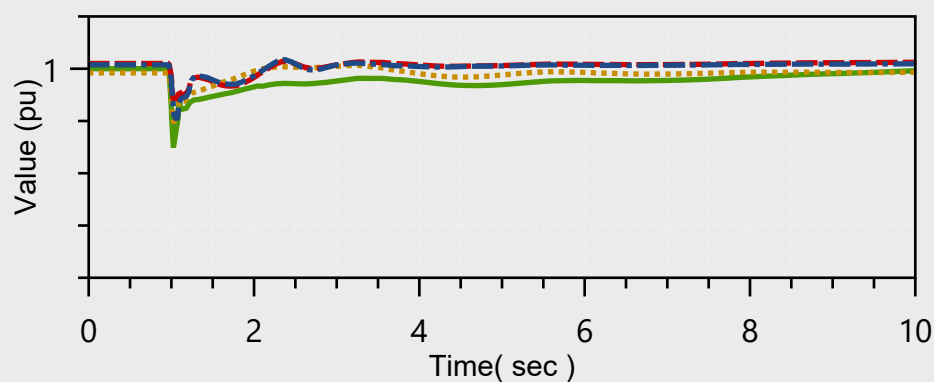
Generator Terminal Voltage (pu)



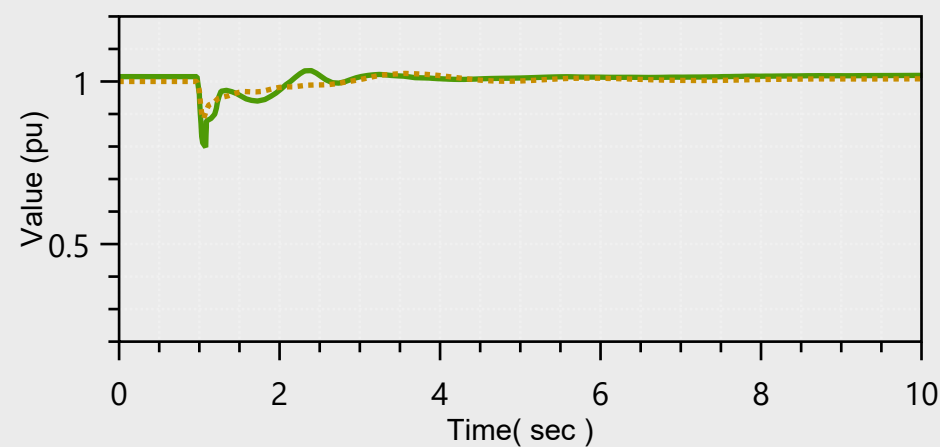
Generator Terminal Voltage (pu)



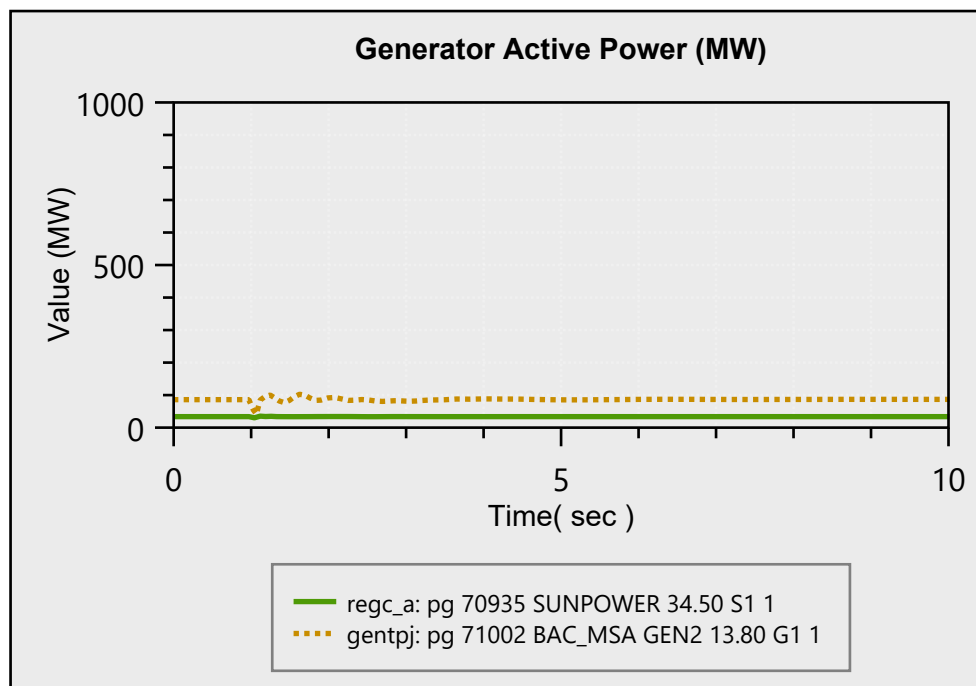
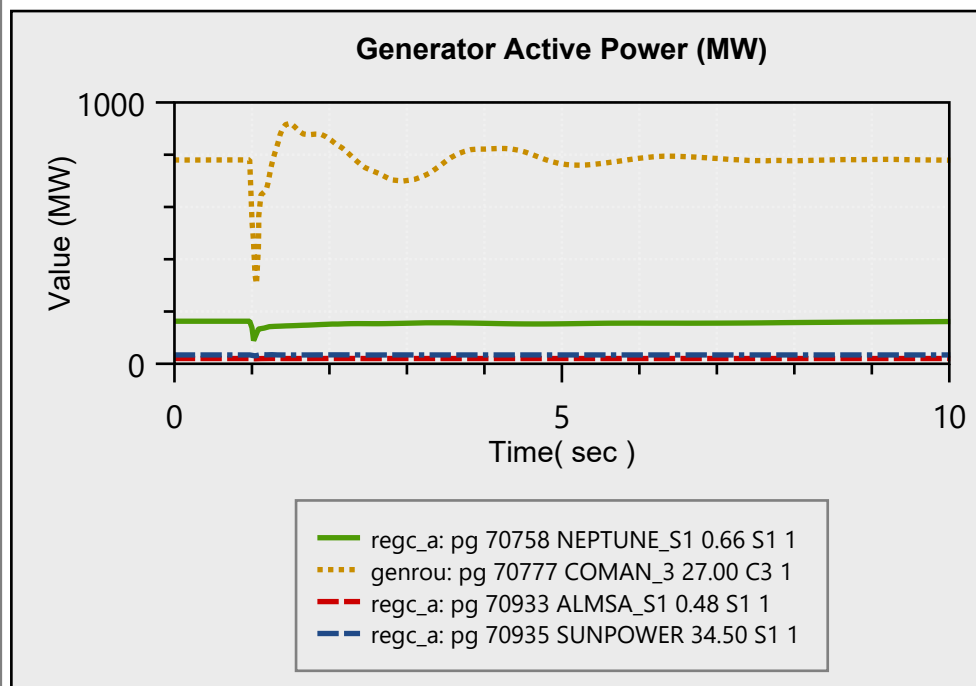
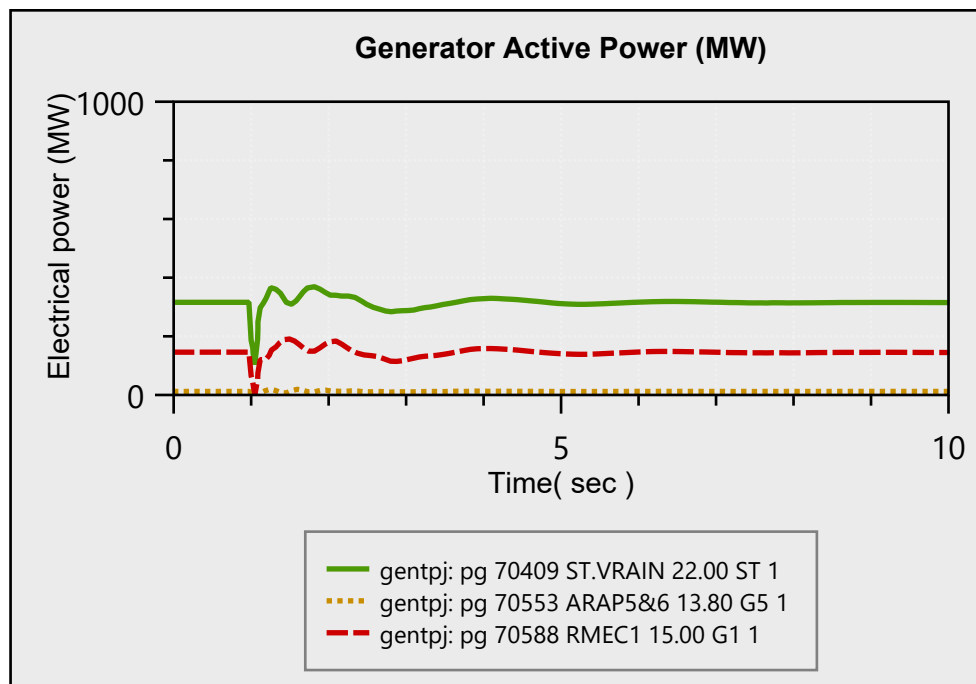
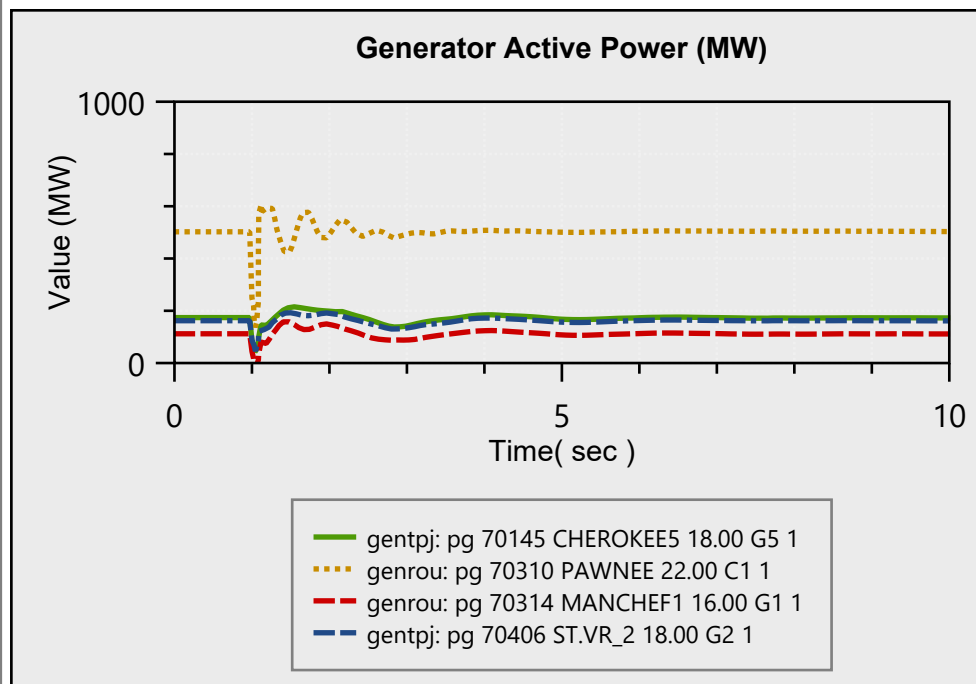
Generator Terminal Voltage (pu)



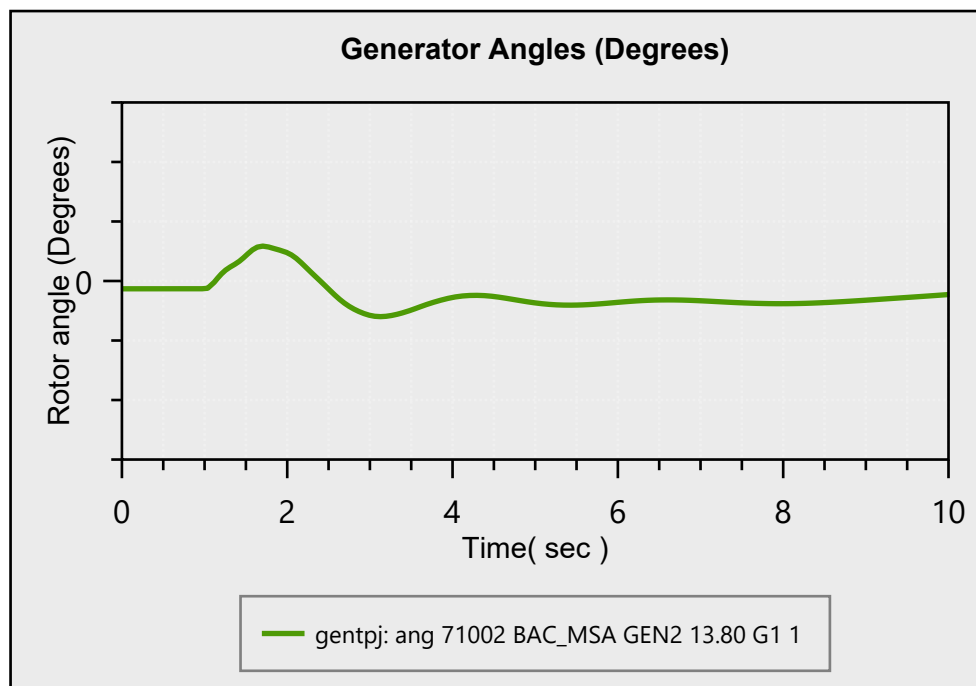
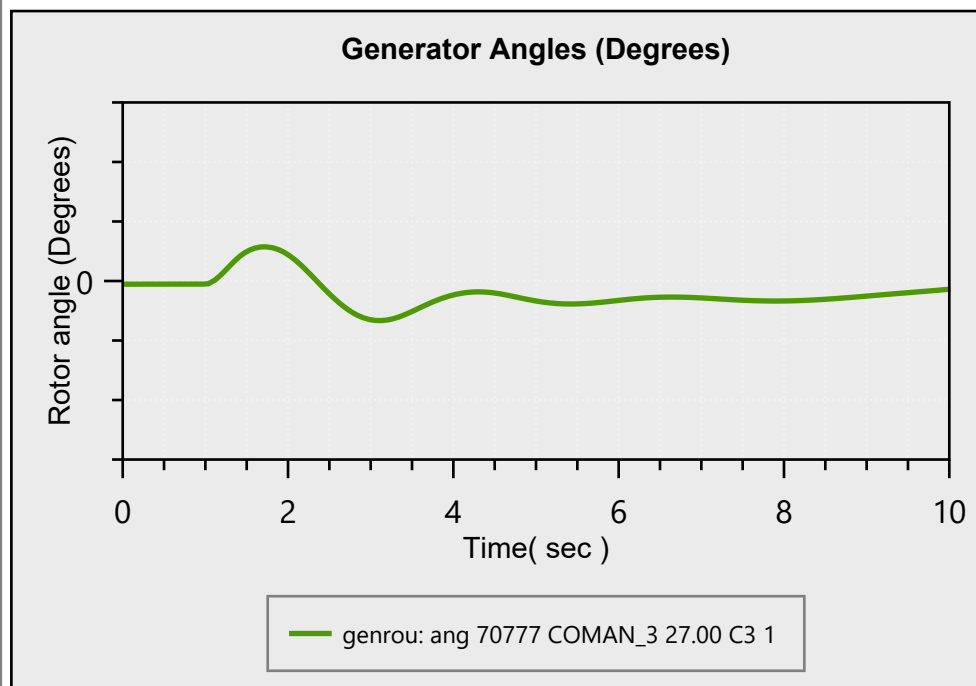
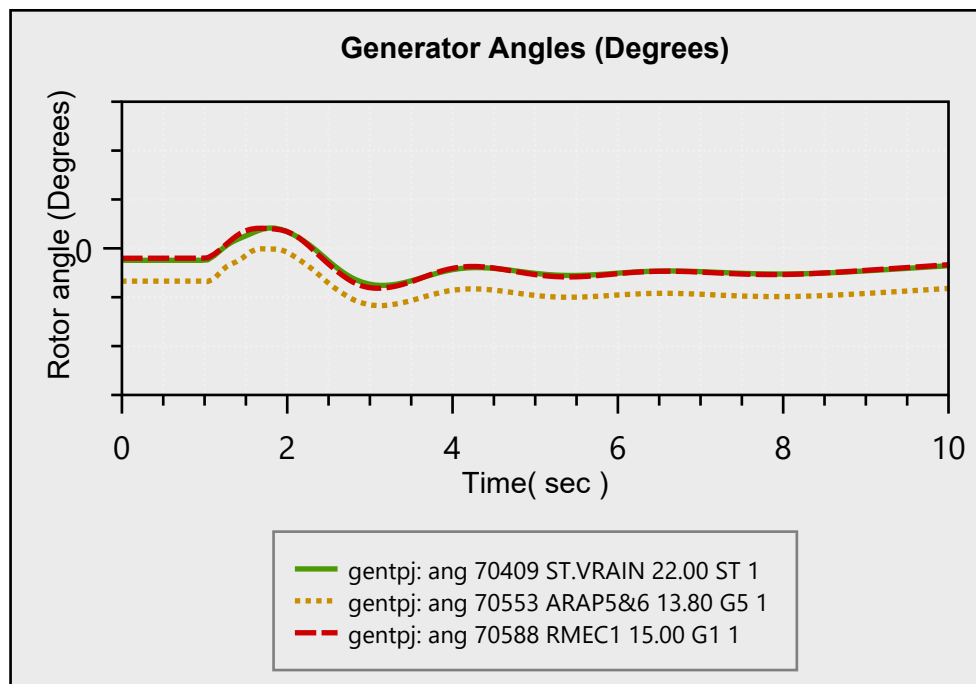
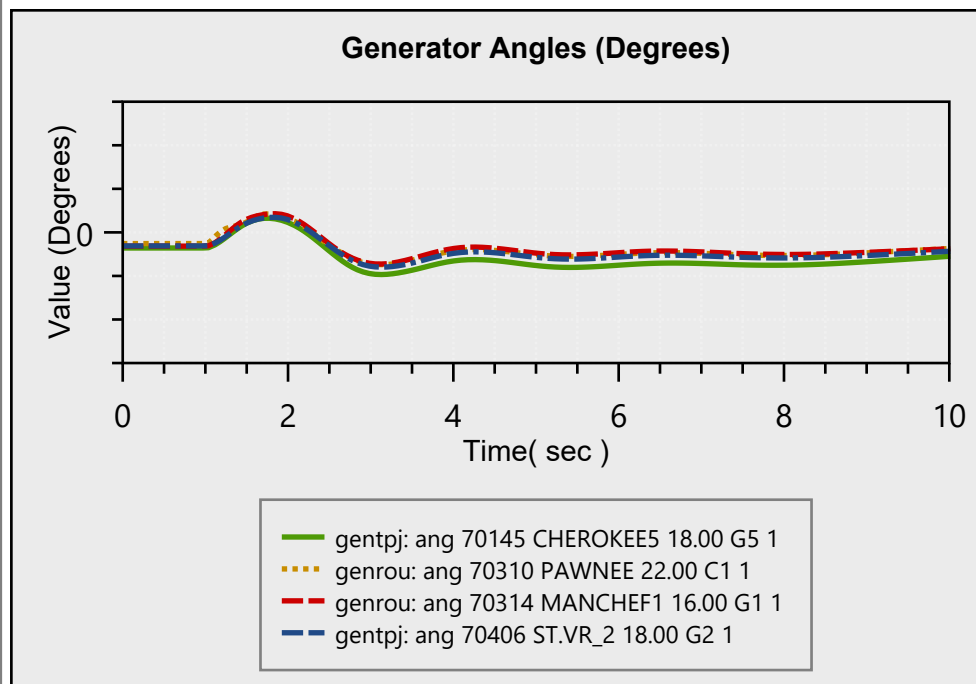
Generator Terminal Voltage (pu)



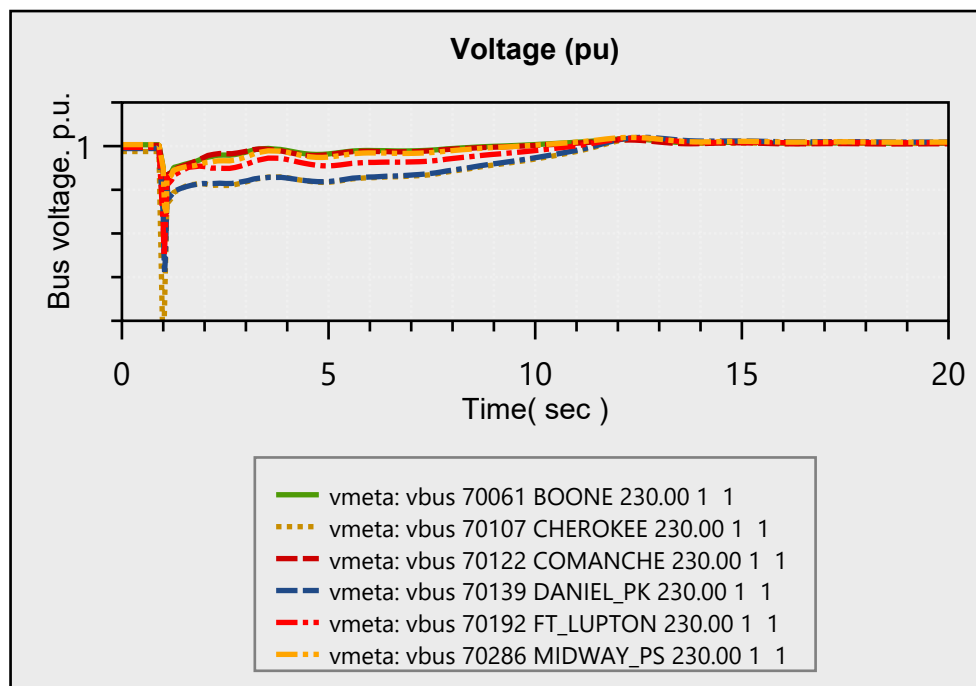
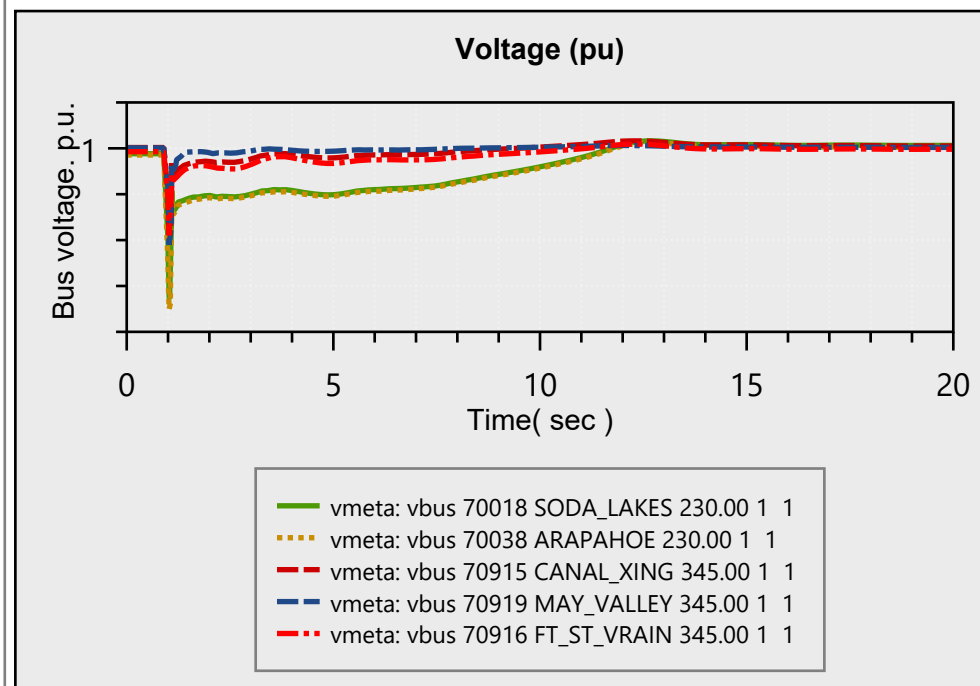
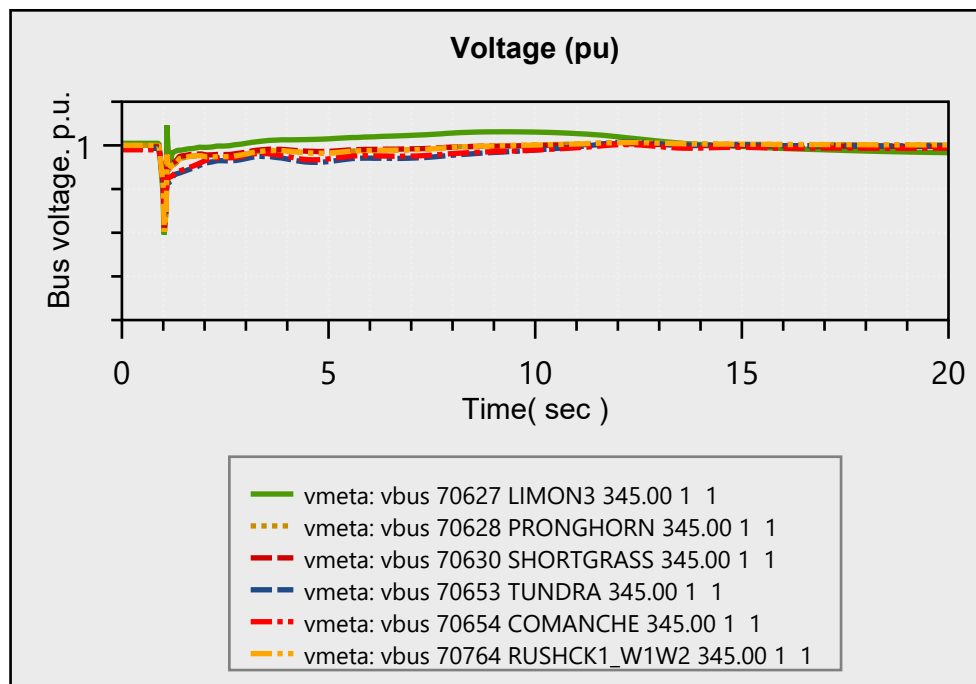
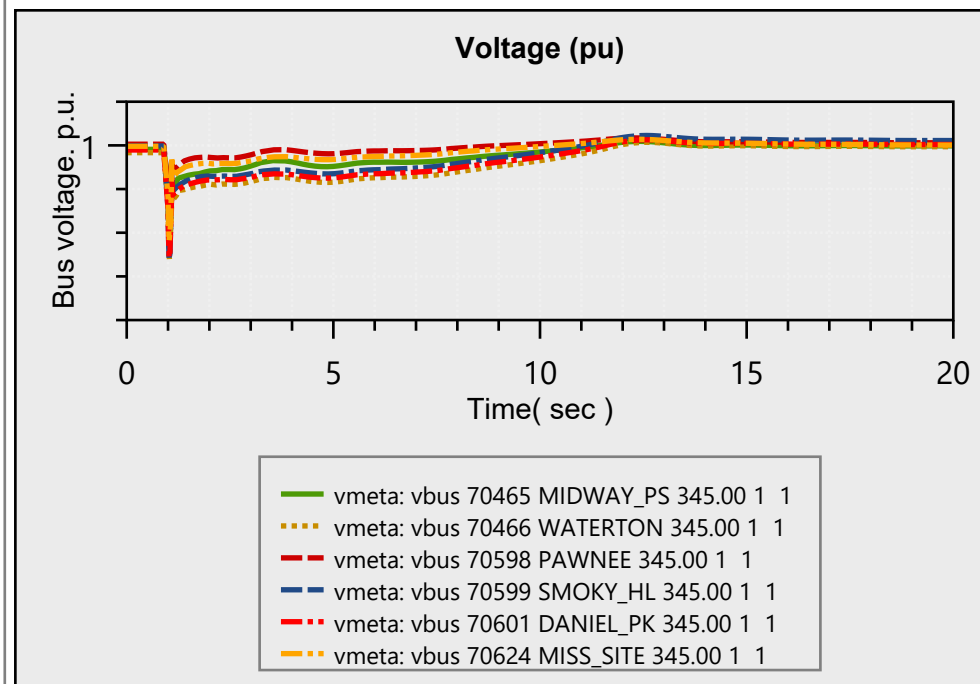
OUTPUTS



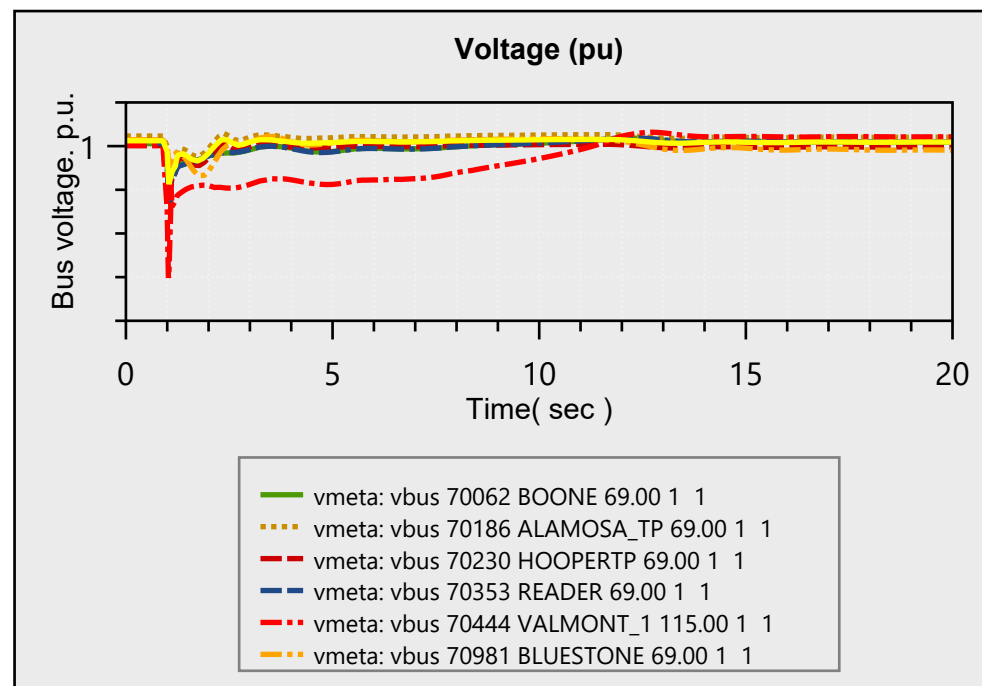
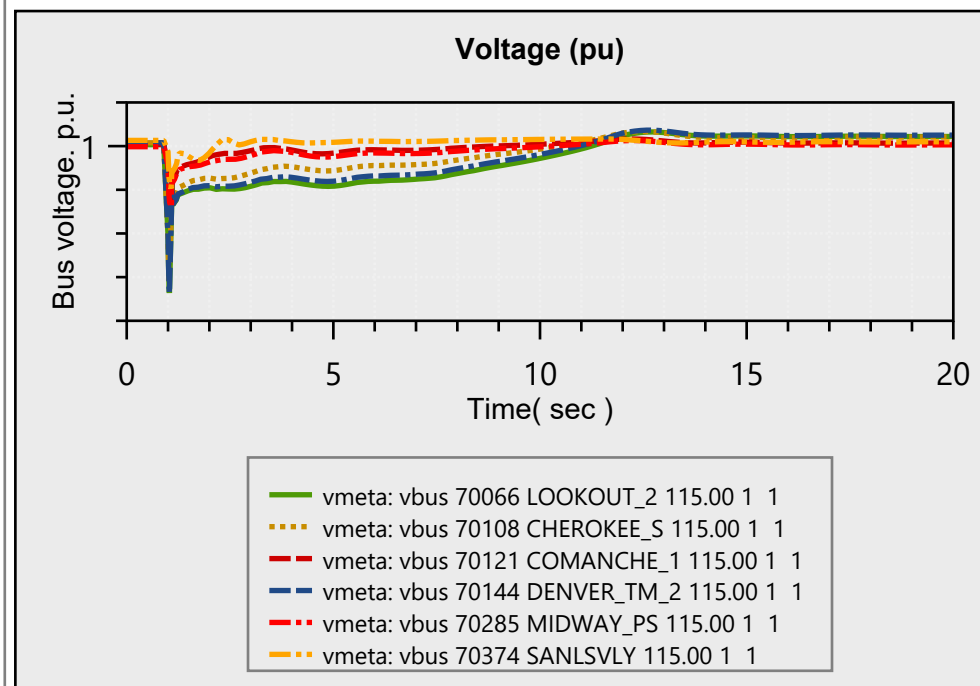
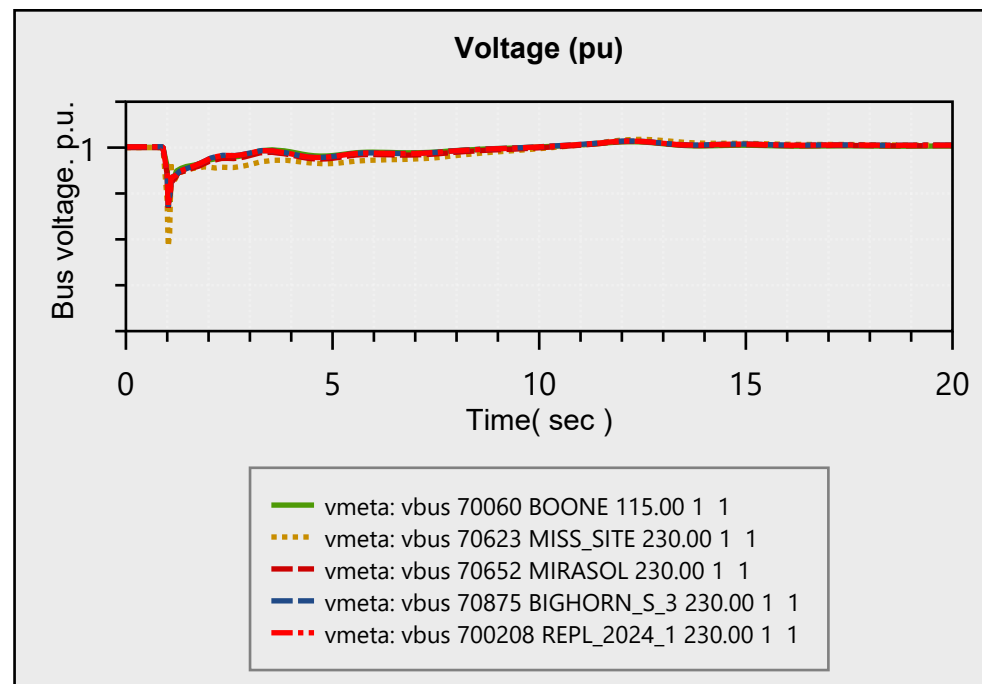
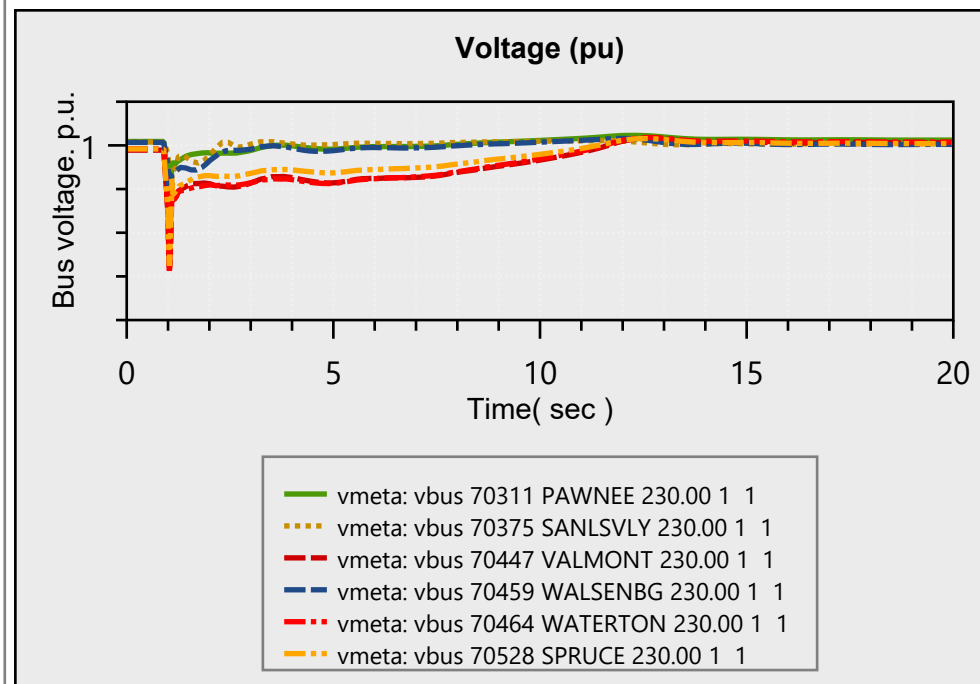
OUTPUTS



OUTPUTS

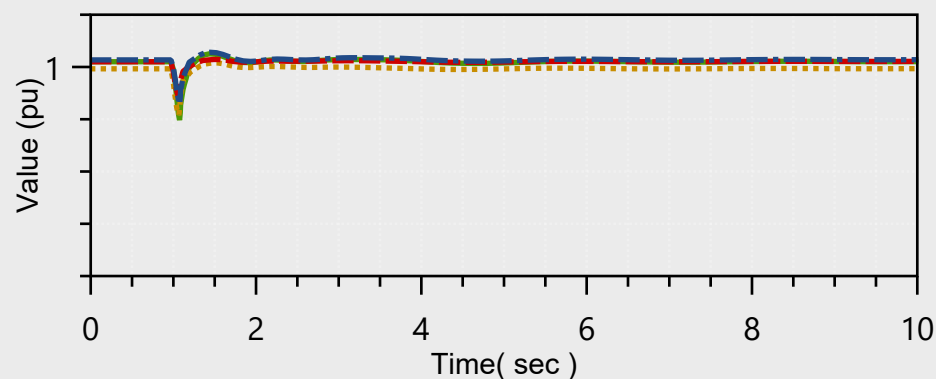


OUTPUTS



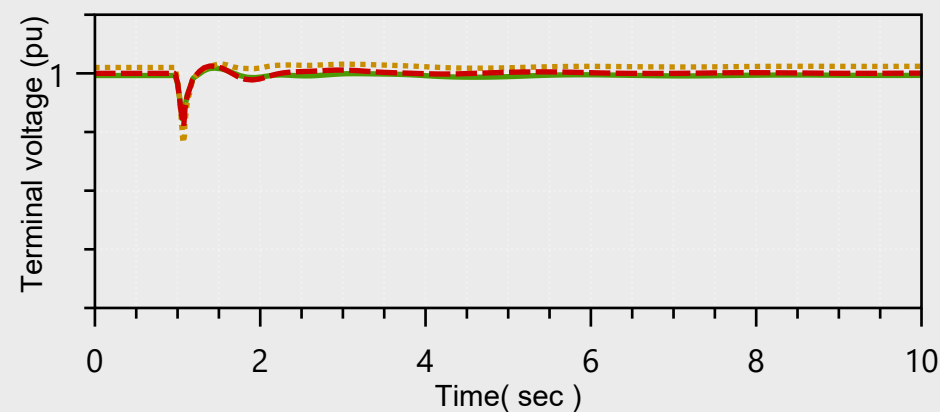
OUTPUTS

Generator Terminal Voltage (pu)



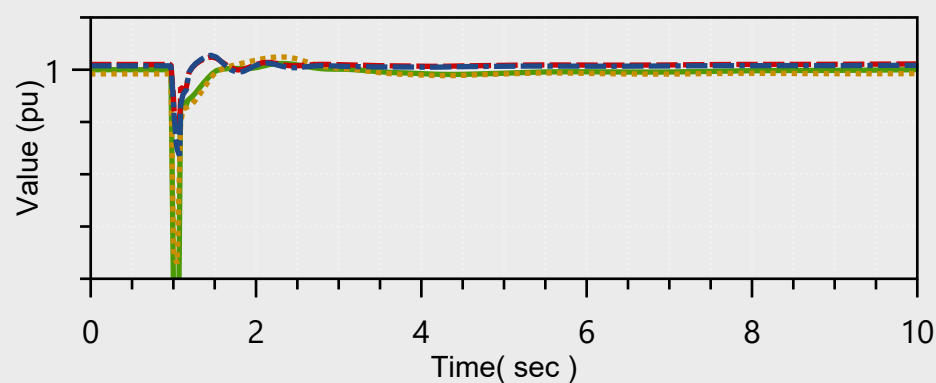
gentpj: vt 70145 CHEROKEE5 18.00 G5 1
 genrou: vt 70310 PAWNEE 22.00 C1 1
 genrou: vt 70314 MANCHEF1 16.00 G1 1
 gentpj: vt 70406 ST.VR_2 18.00 G2 1

Generator Terminal Voltage (pu)



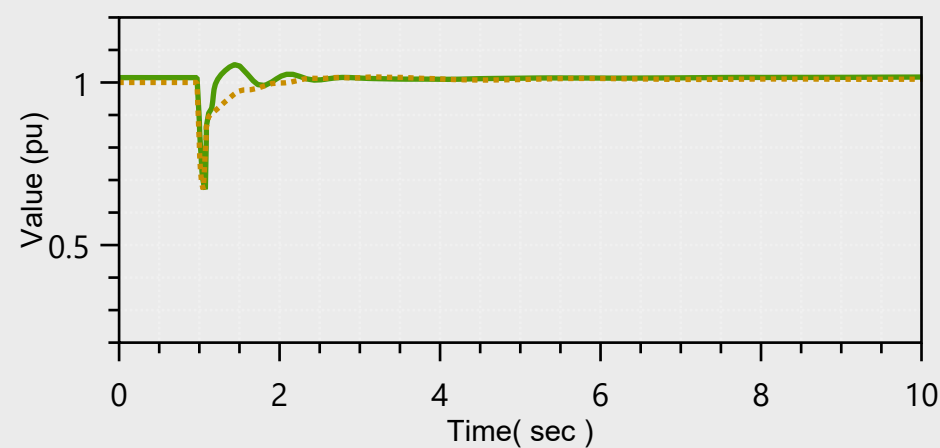
gentpj: vt 70409 ST.VRAIN 22.00 ST 1
 gentpj: vt 70553 ARAP5&6 13.80 G5 1
 gentpj: vt 70588 RMEC1 15.00 G1 1

Generator Terminal Voltage (pu)



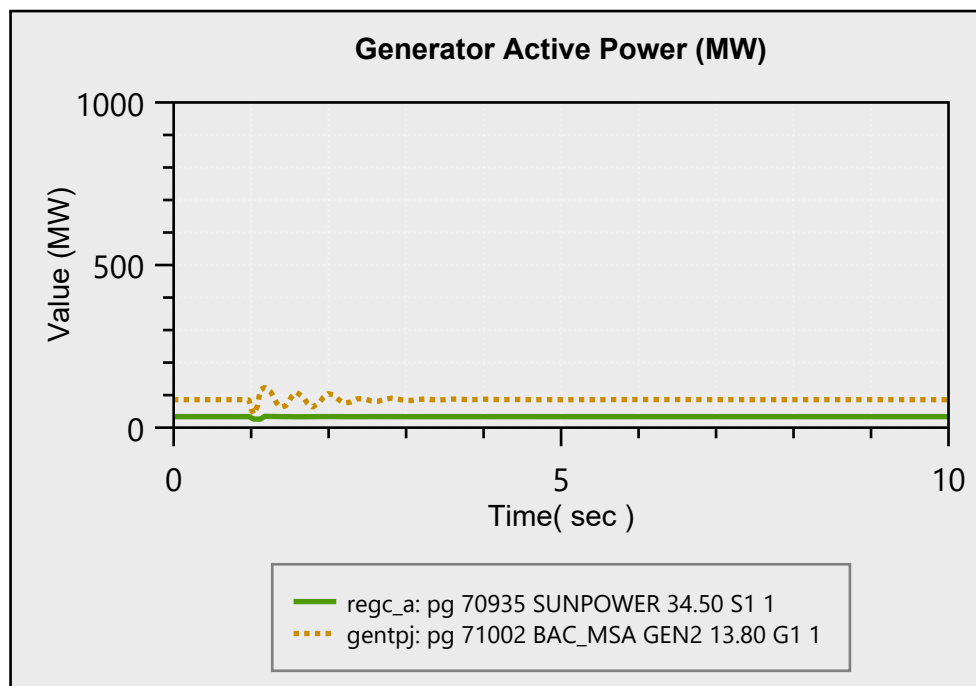
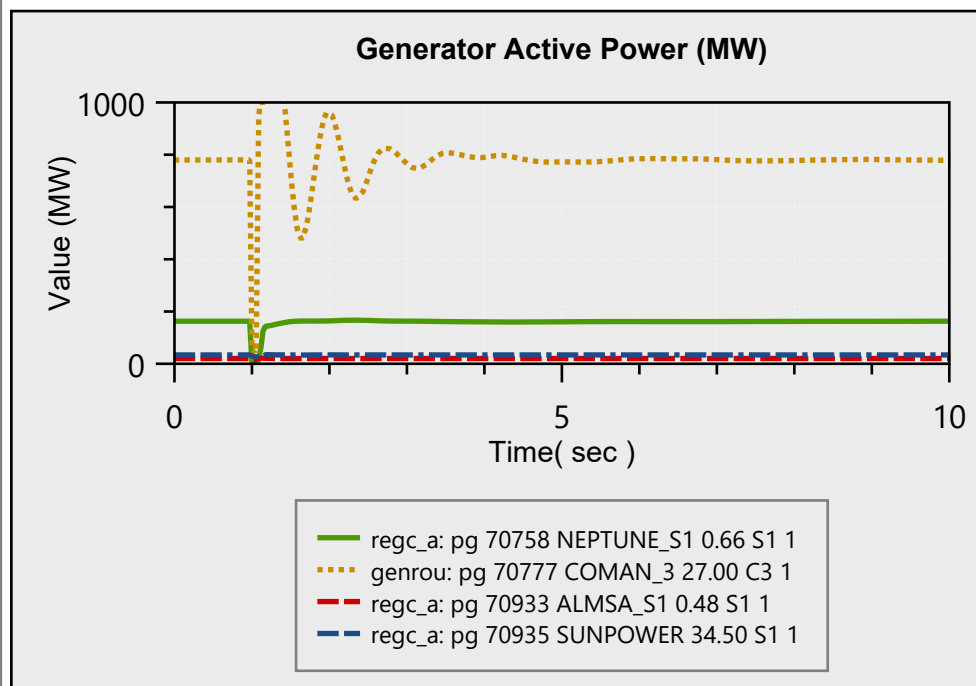
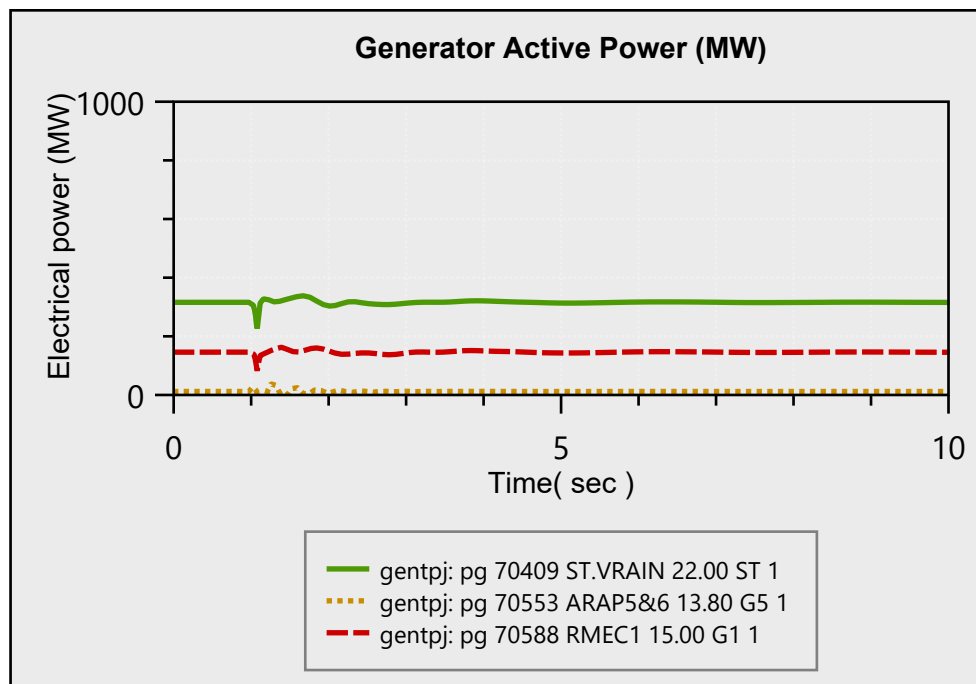
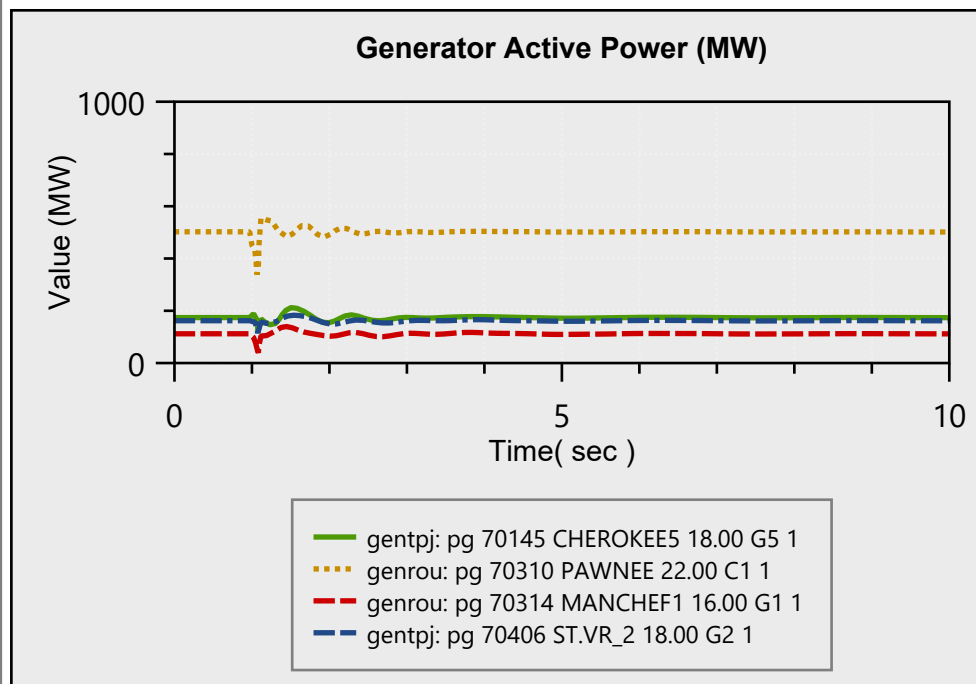
regc_a: vt 70758 NEPTUNE_S1 0.66 S1 1
 genrou: vt 70777 COMAN_3 27.00 C3 1
 regc_a: vt 70933 ALMSA_S1 0.48 S1 1
 regc_a: vt 70935 SUNPOWER 34.50 S1 1

Generator Terminal Voltage (pu)

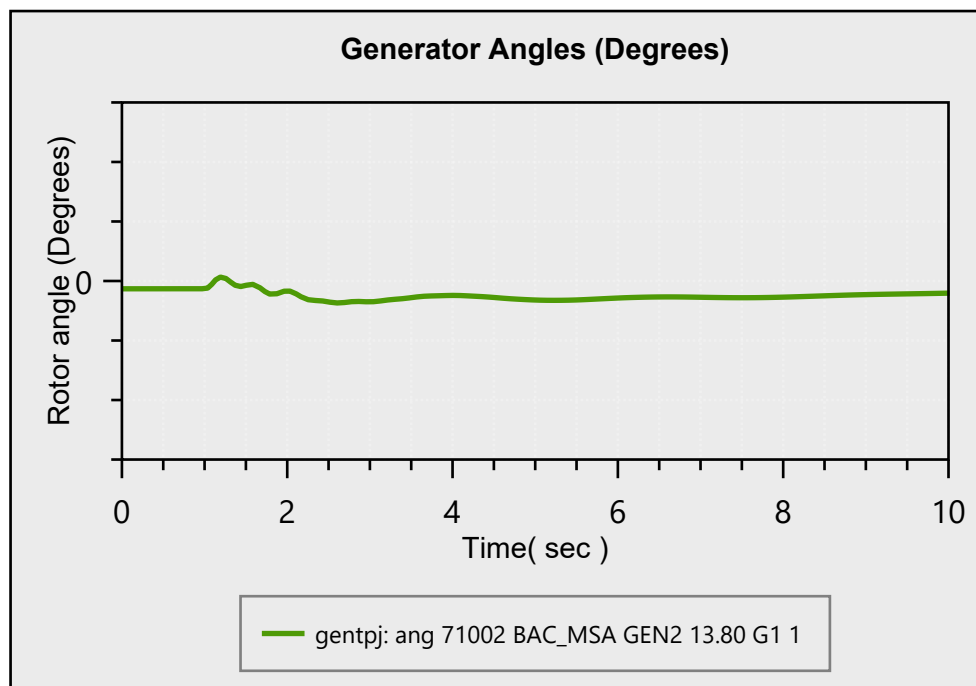
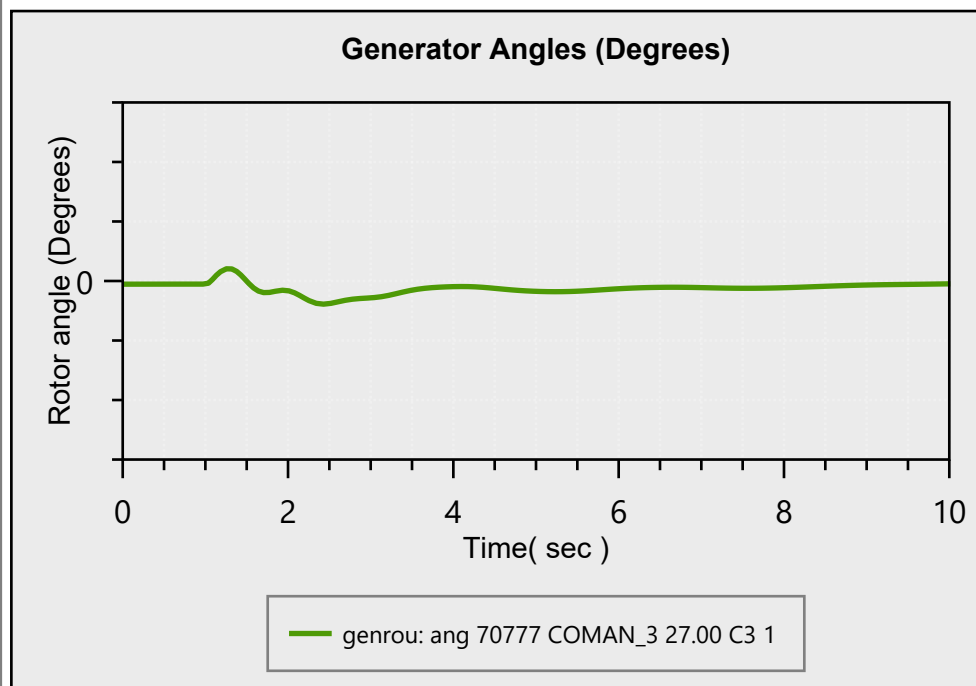
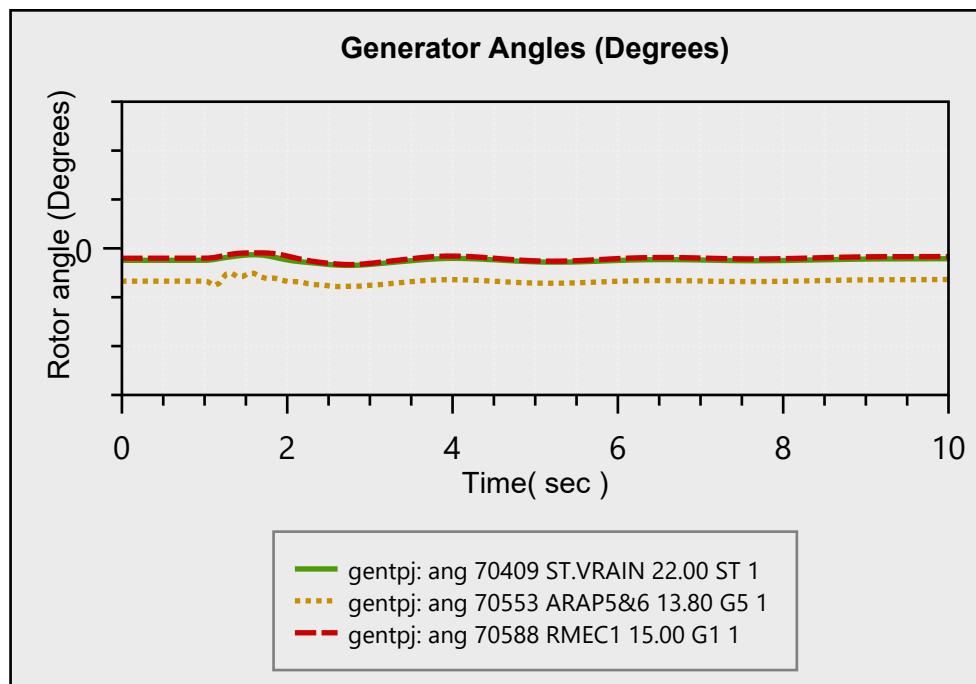
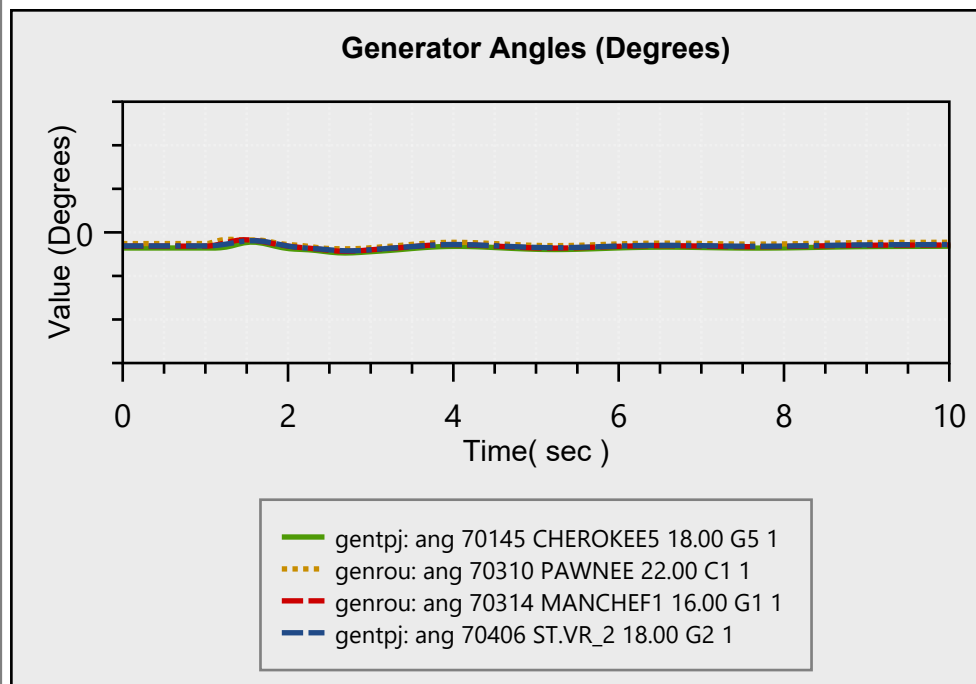


regc_a: vt 70935 SUNPOWER 34.50 S1 1
 gentpj: vt 71002 BAC_MSA GEN2 13.80 G1 1

OUTPUTS

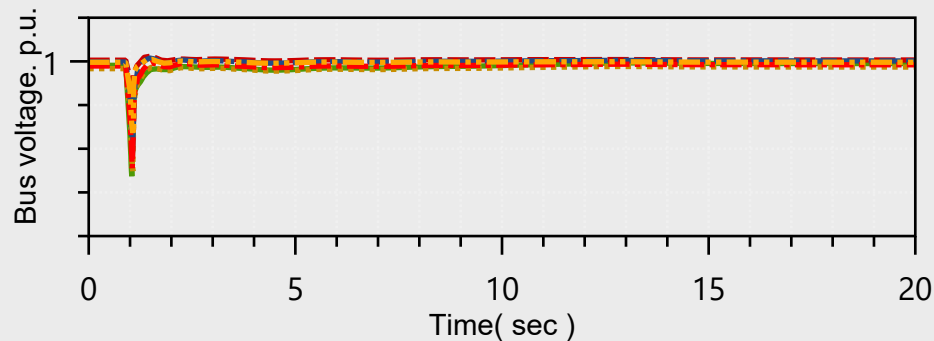


OUTPUTS



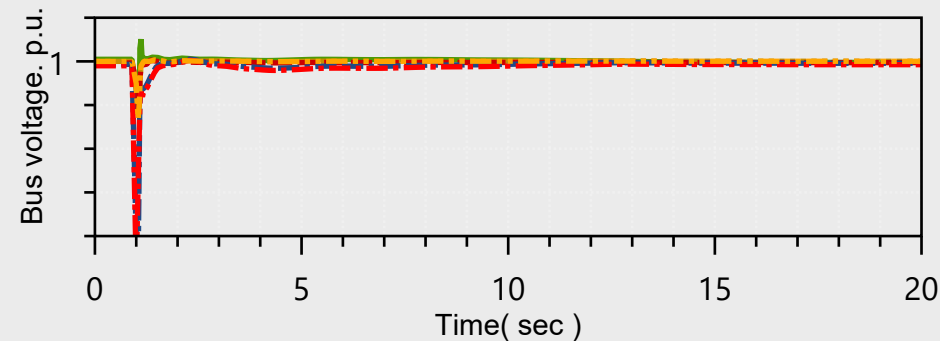
OUTPUTS

Voltage (pu)



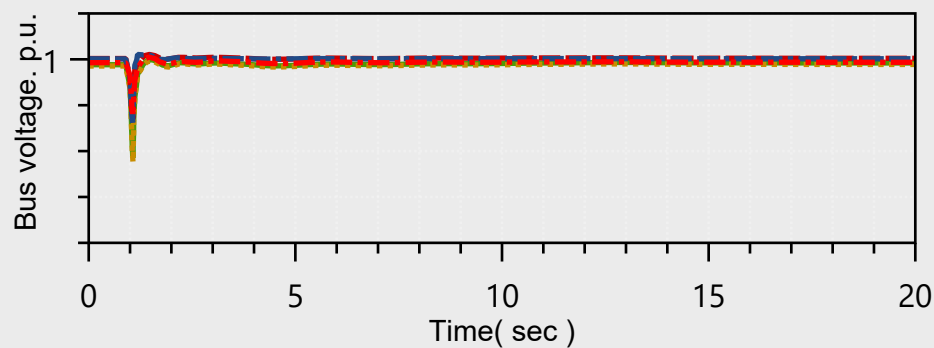
vmeta: vbus 70465 MIDWAY_PS 345.00 1 1
 vmeta: vbus 70466 WATERTON 345.00 1 1
 vmeta: vbus 70598 PAWNEE 345.00 1 1
 vmeta: vbus 70599 SMOKY_HL 345.00 1 1
 vmeta: vbus 70601 DANIEL_PK 345.00 1 1
 vmeta: vbus 70624 MISS_SITE 345.00 1 1

Voltage (pu)



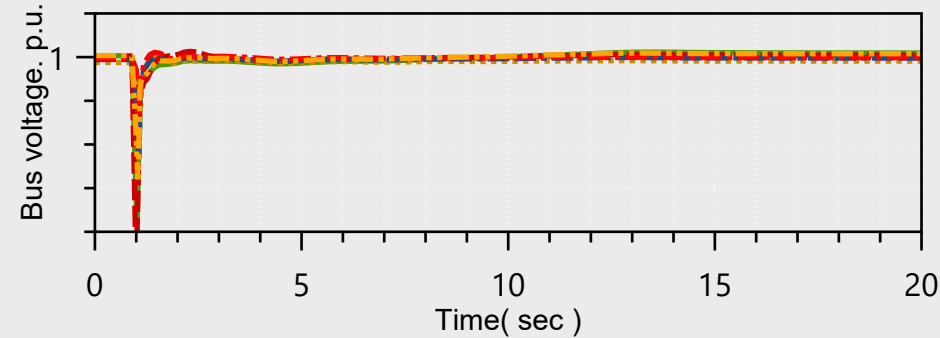
vmeta: vbus 70627 LIMON3 345.00 1 1
 vmeta: vbus 70628 PRONGHORN 345.00 1 1
 vmeta: vbus 70630 SHORTGRASS 345.00 1 1
 vmeta: vbus 70653 TUNDRA 345.00 1 1
 vmeta: vbus 70654 COMANCHE 345.00 1 1
 vmeta: vbus 70764 RUSHCK1_W1W2 345.00 1 1

Voltage (pu)



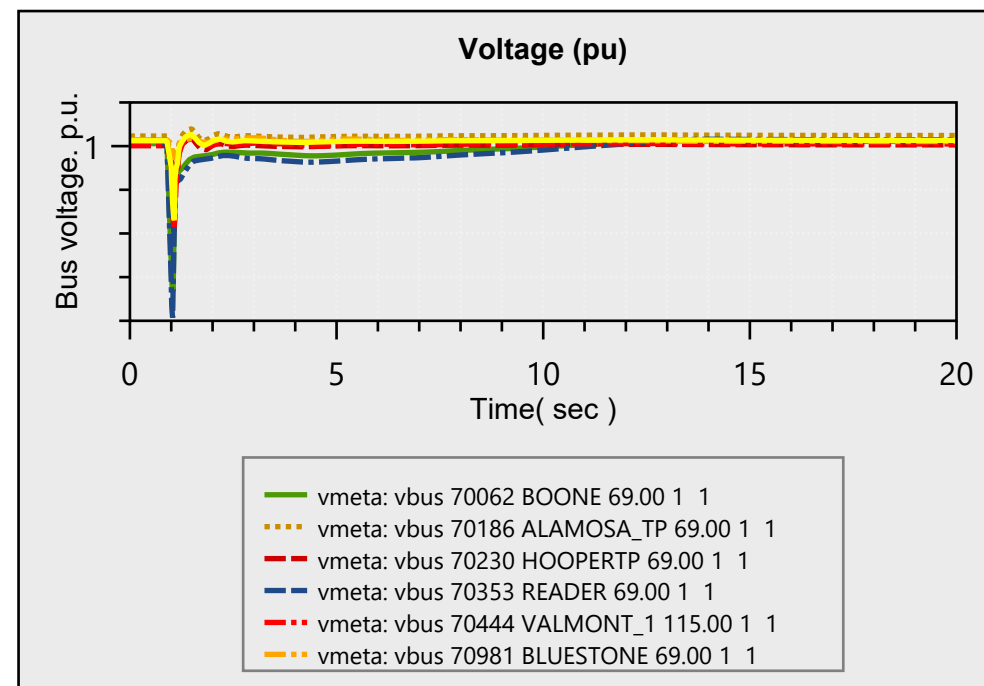
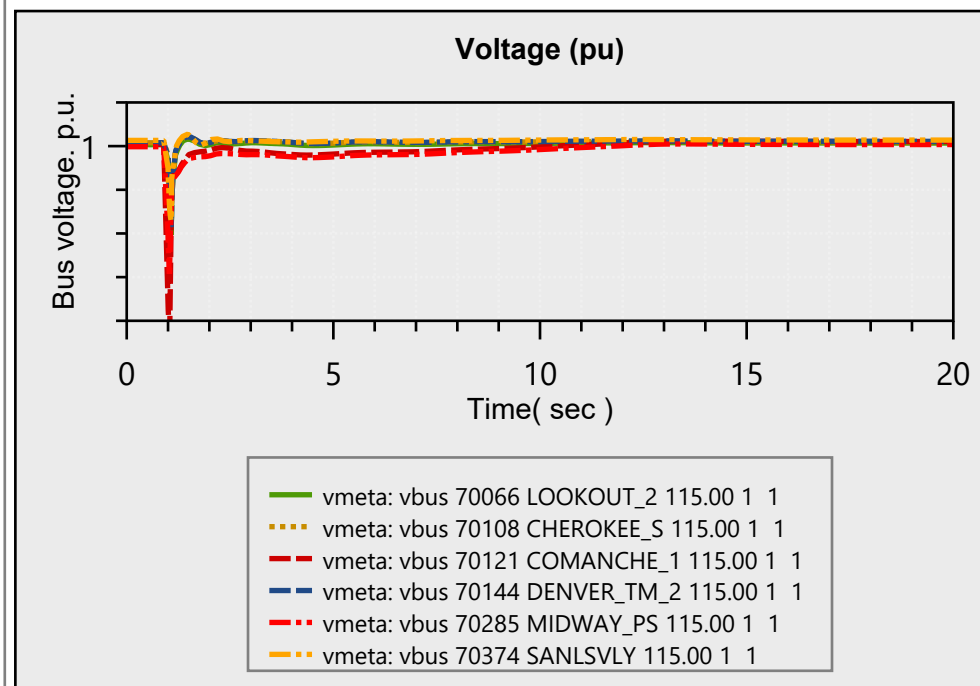
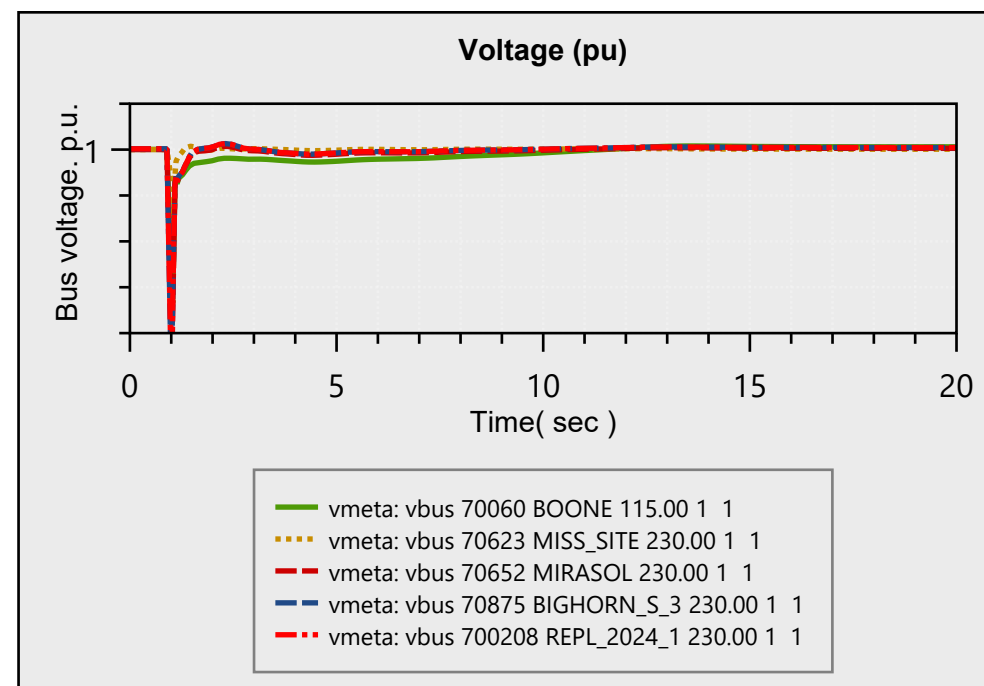
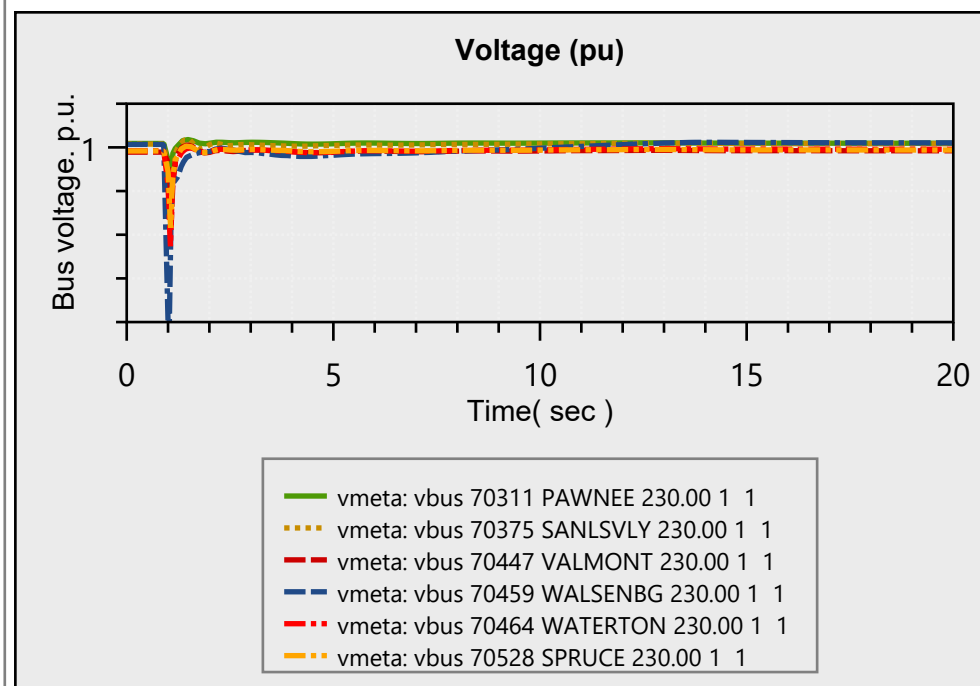
vmeta: vbus 70018 SODA_LAKES 230.00 1 1
 vmeta: vbus 70038 ARAPAHOE 230.00 1 1
 vmeta: vbus 70915 CANAL_XING 345.00 1 1
 vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
 vmeta: vbus 70916 FT_ST_VRAIN 345.00 1 1

Voltage (pu)



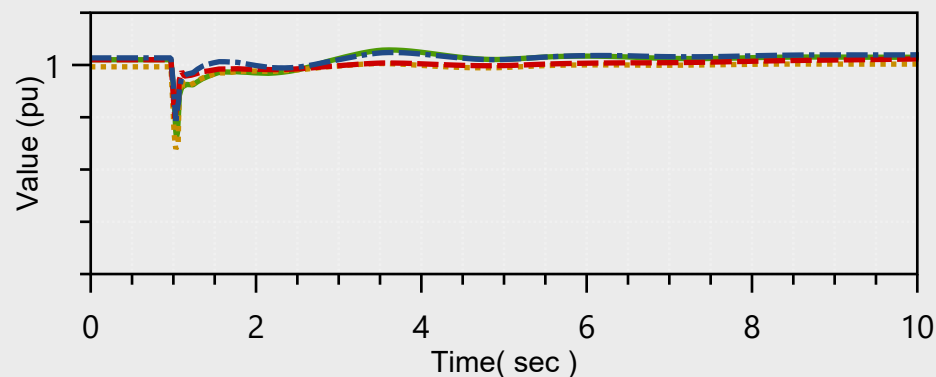
vmeta: vbus 70061 BOONE 230.00 1 1
 vmeta: vbus 70107 CHEROKEE 230.00 1 1
 vmeta: vbus 70122 COMANCHE 230.00 1 1
 vmeta: vbus 70139 DANIEL_PK 230.00 1 1
 vmeta: vbus 70192 FT_LUPTON 230.00 1 1
 vmeta: vbus 70286 MIDWAY_PS 230.00 1 1

OUTPUTS

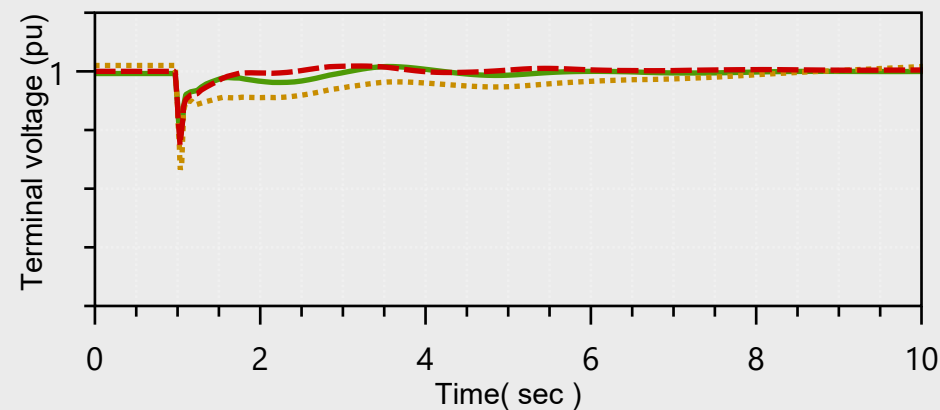


OUTPUTS

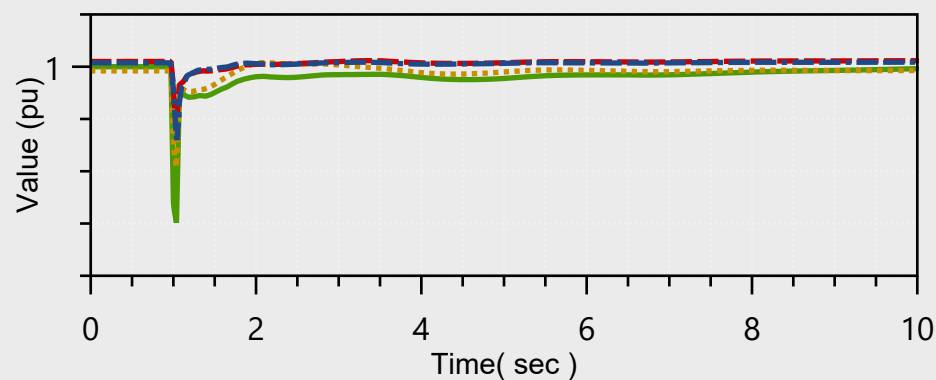
Generator Terminal Voltage (pu)



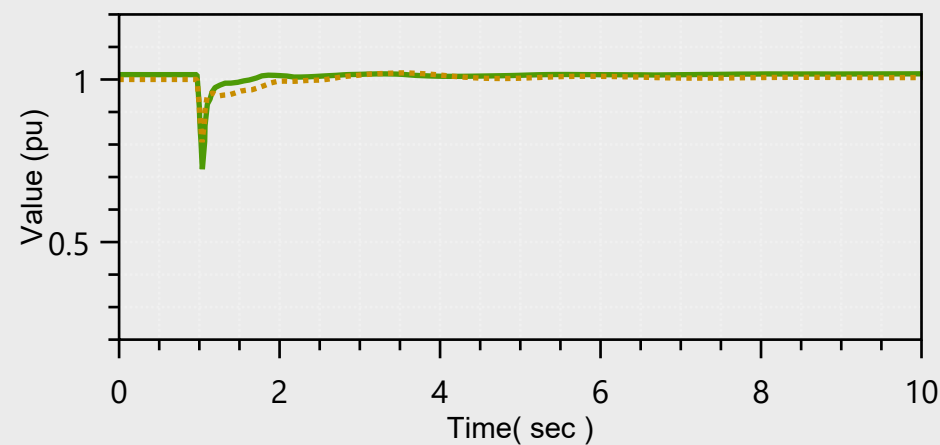
Generator Terminal Voltage (pu)



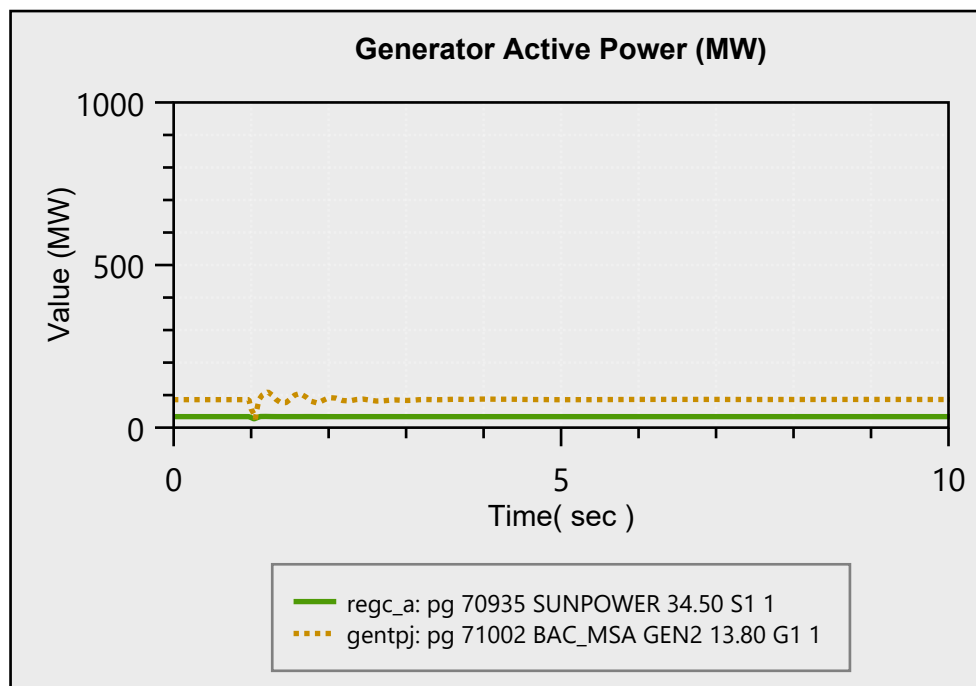
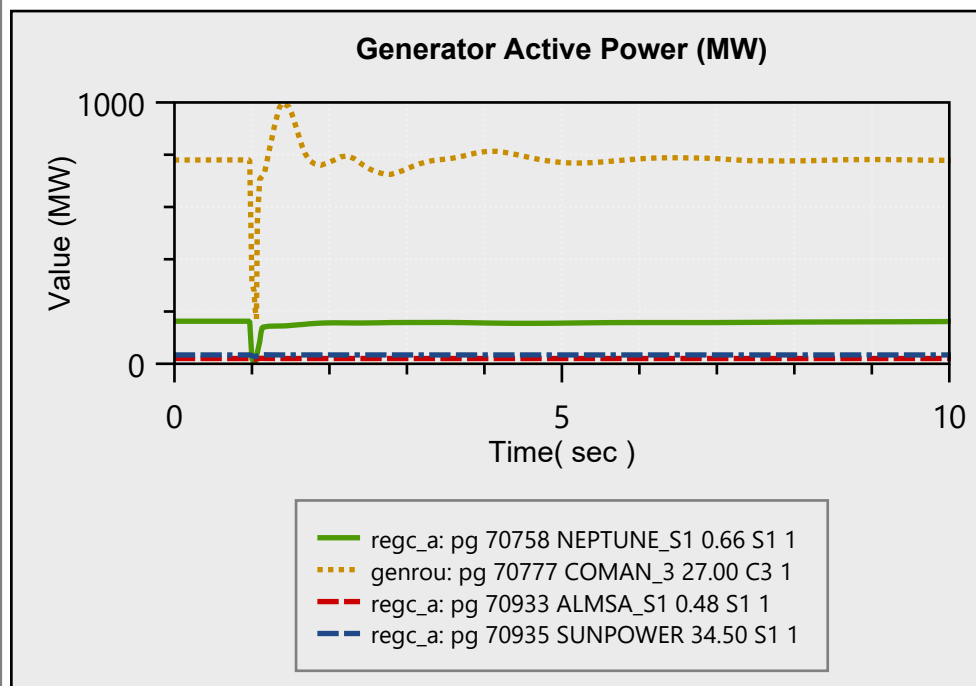
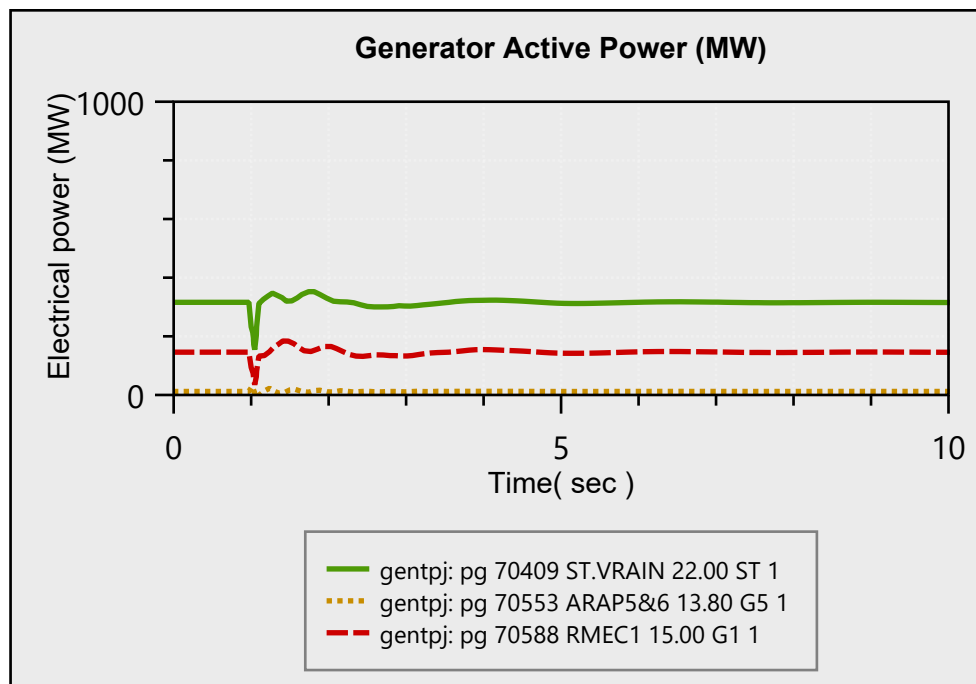
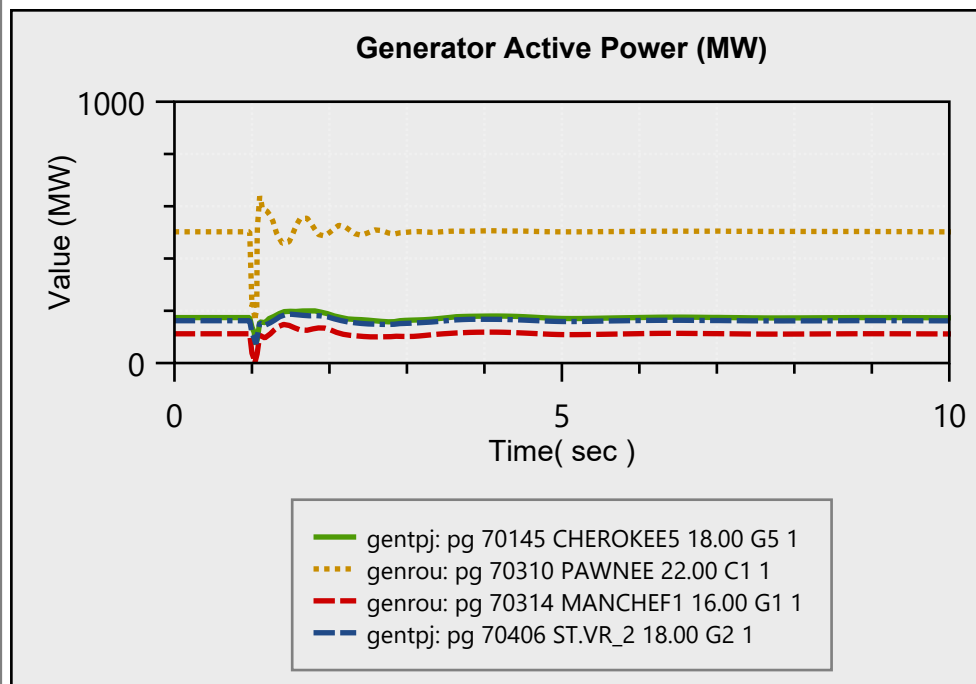
Generator Terminal Voltage (pu)



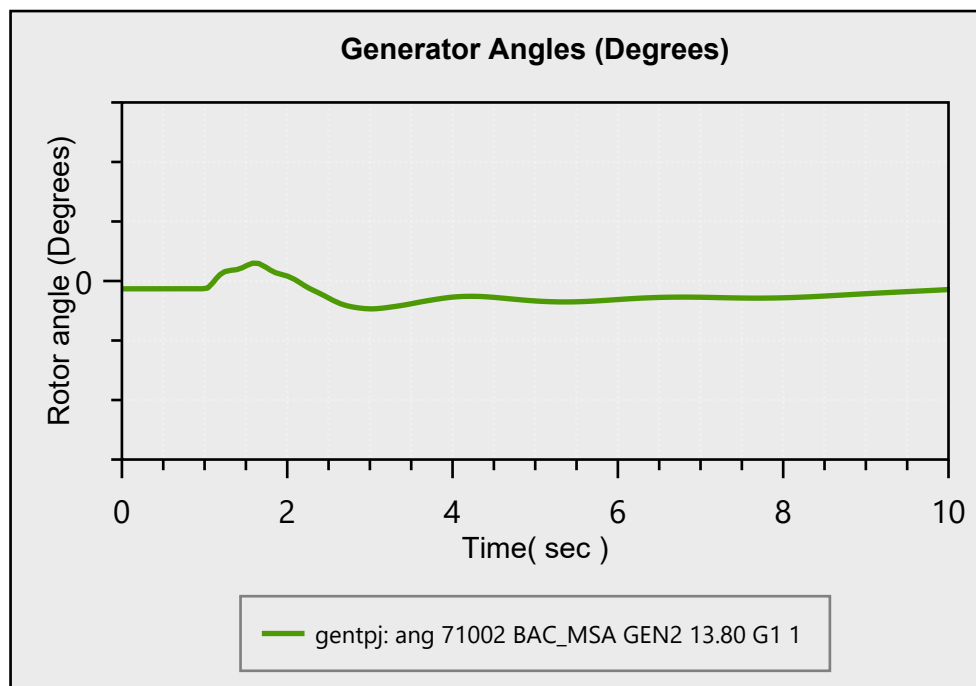
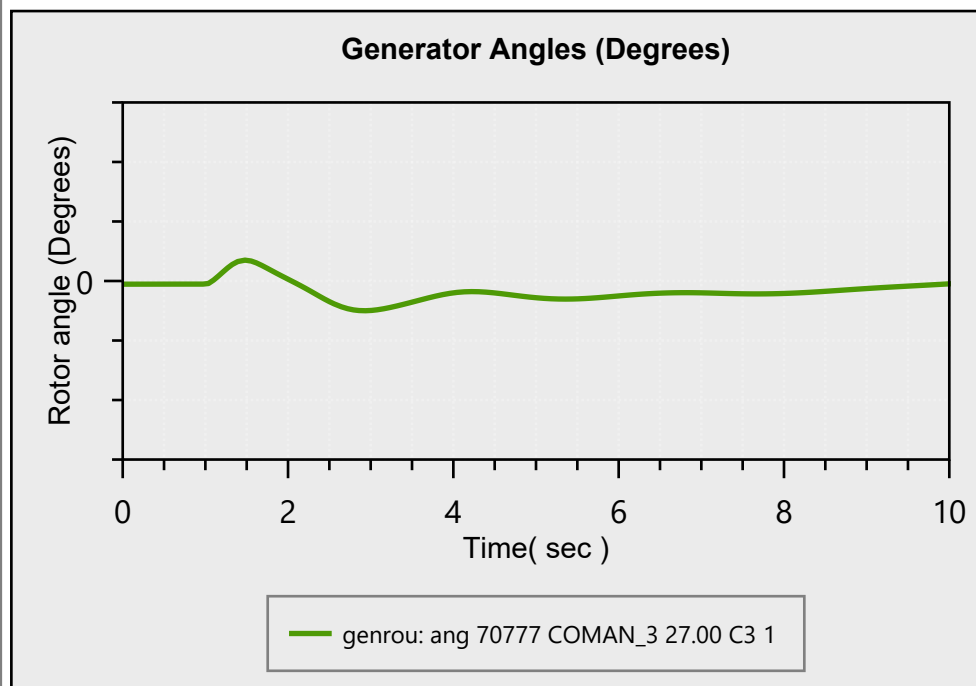
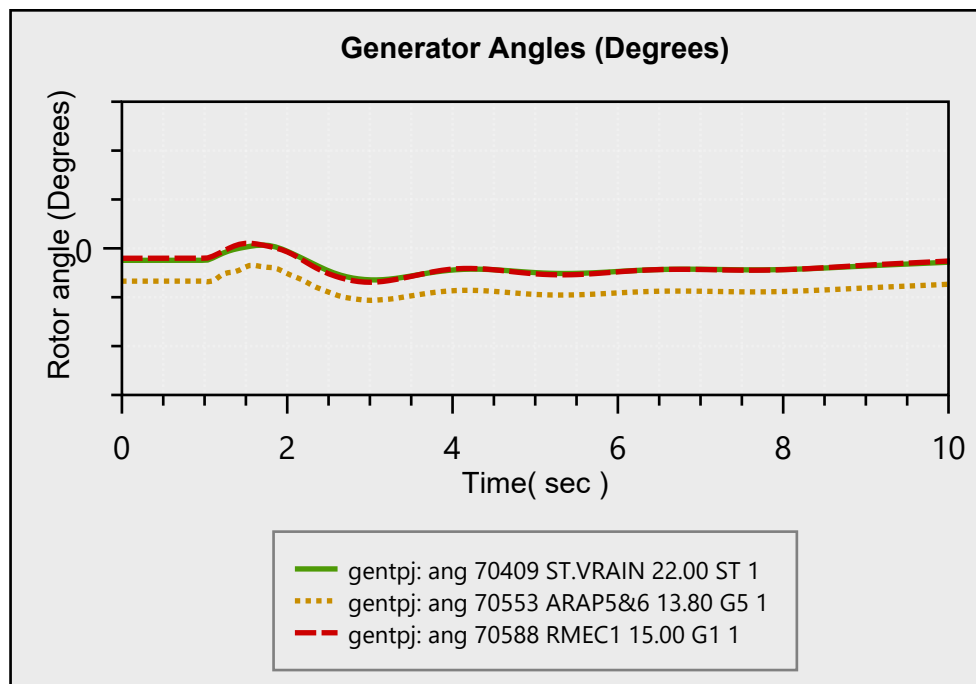
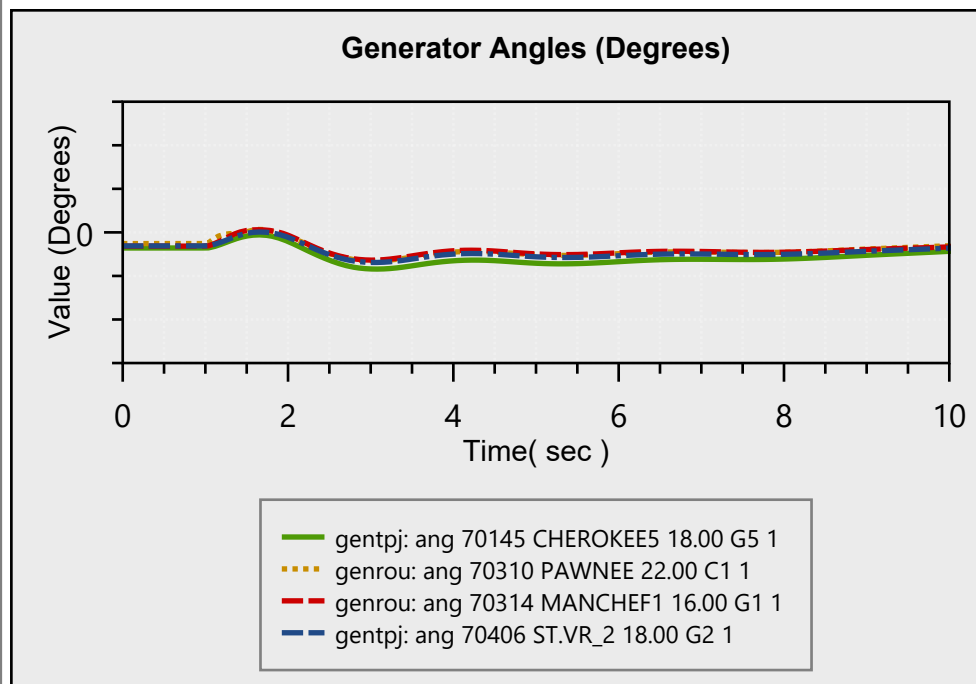
Generator Terminal Voltage (pu)



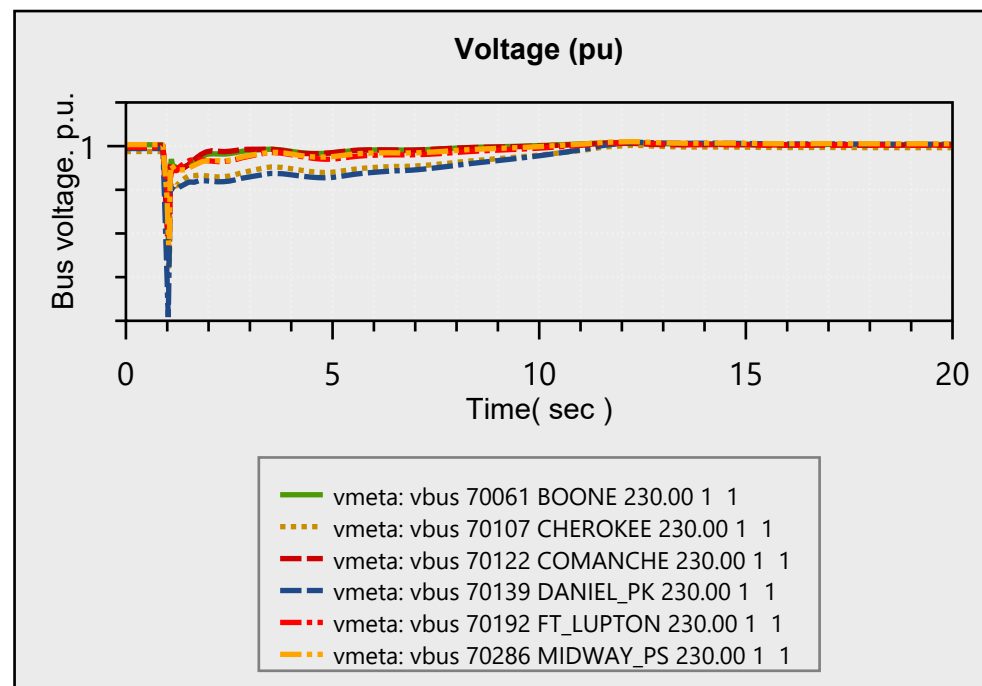
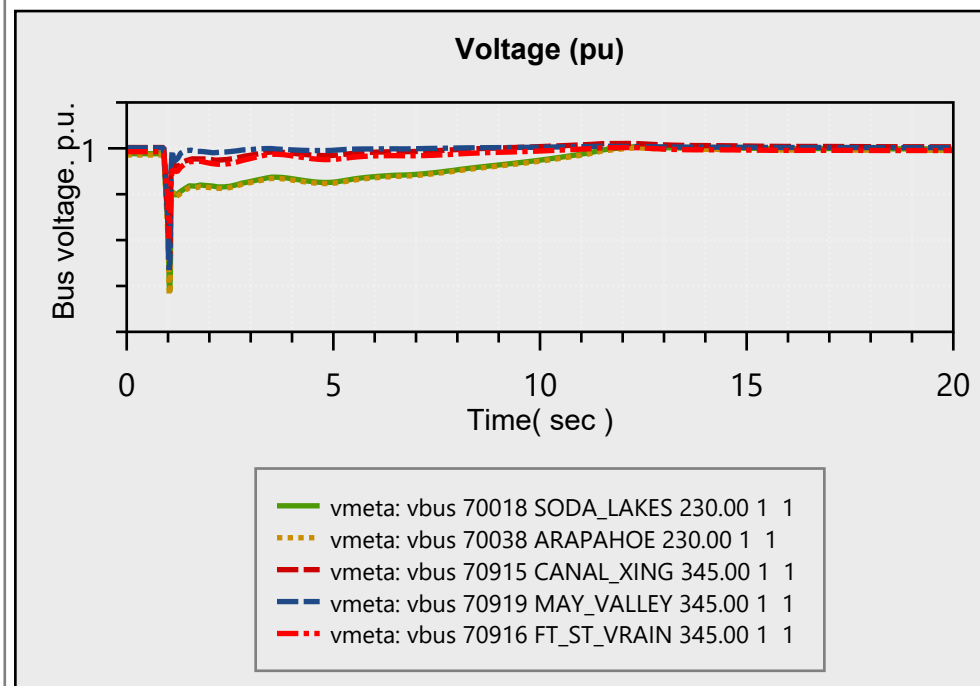
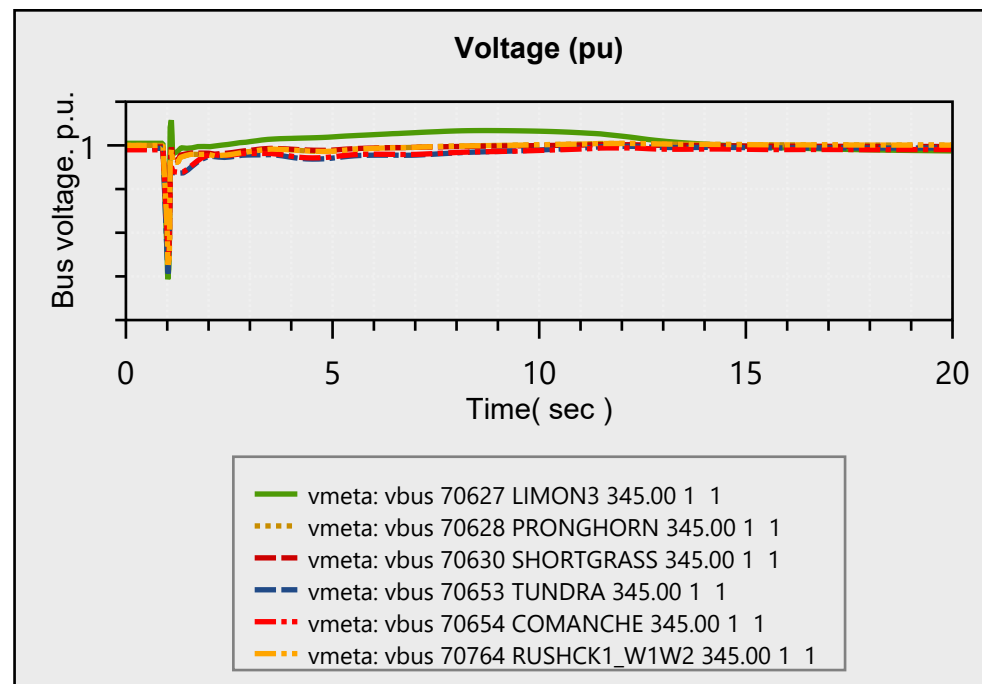
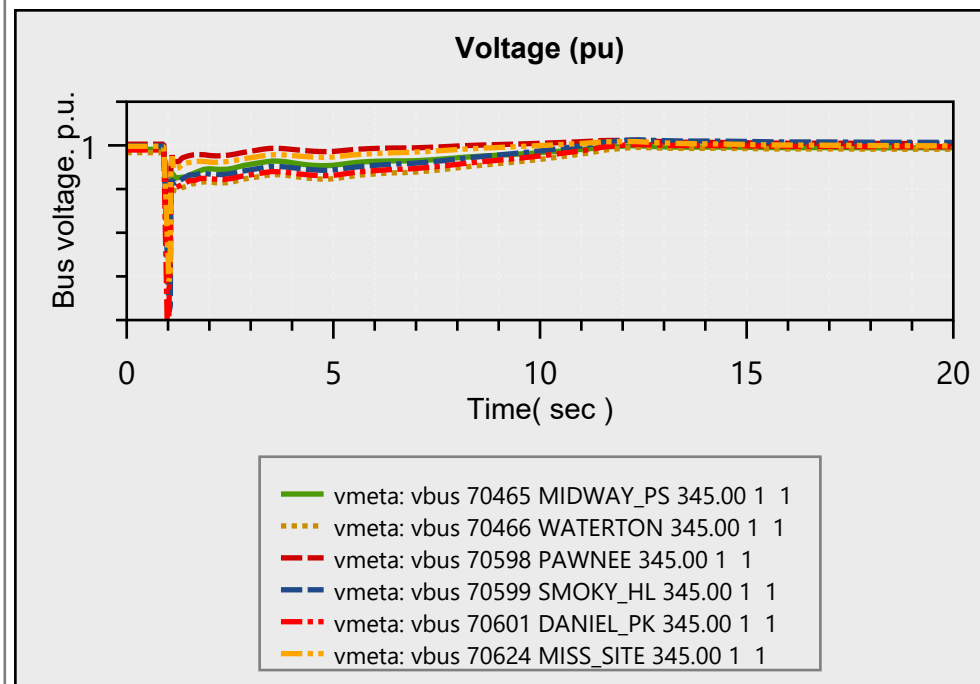
OUTPUTS



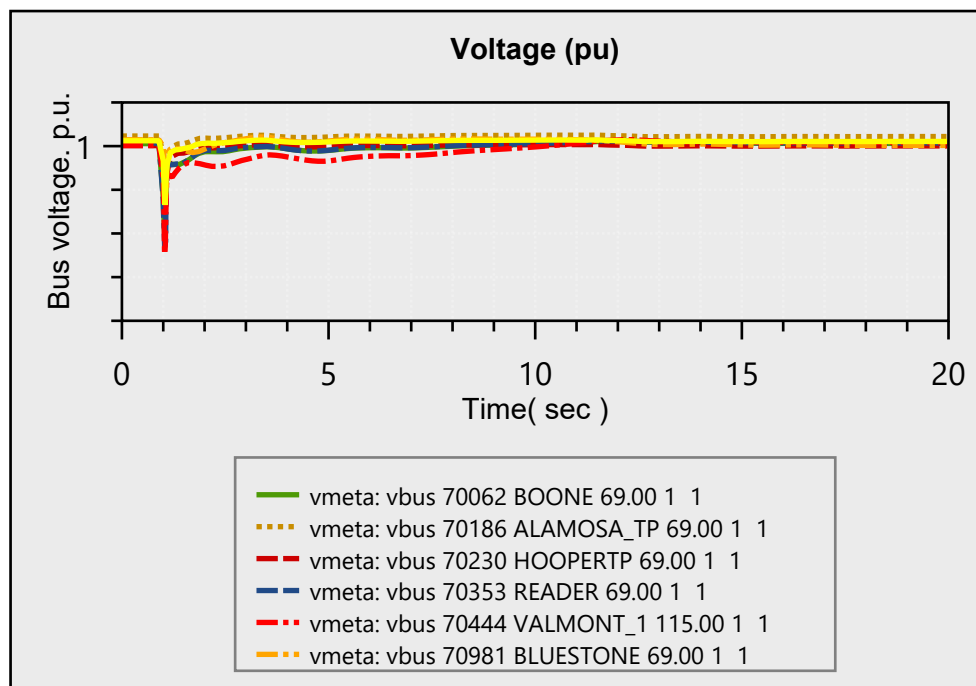
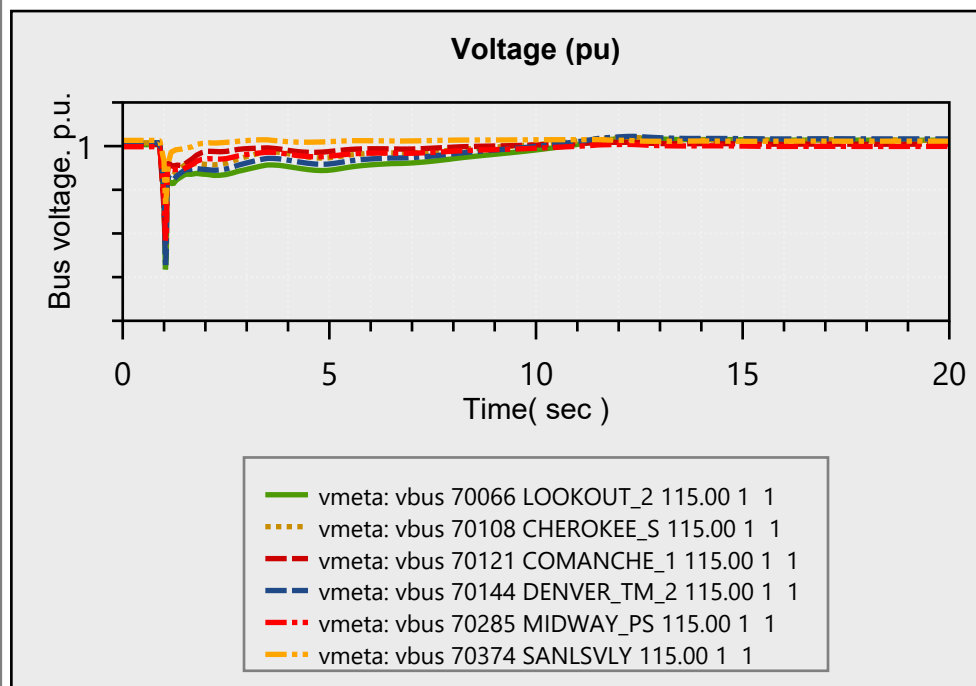
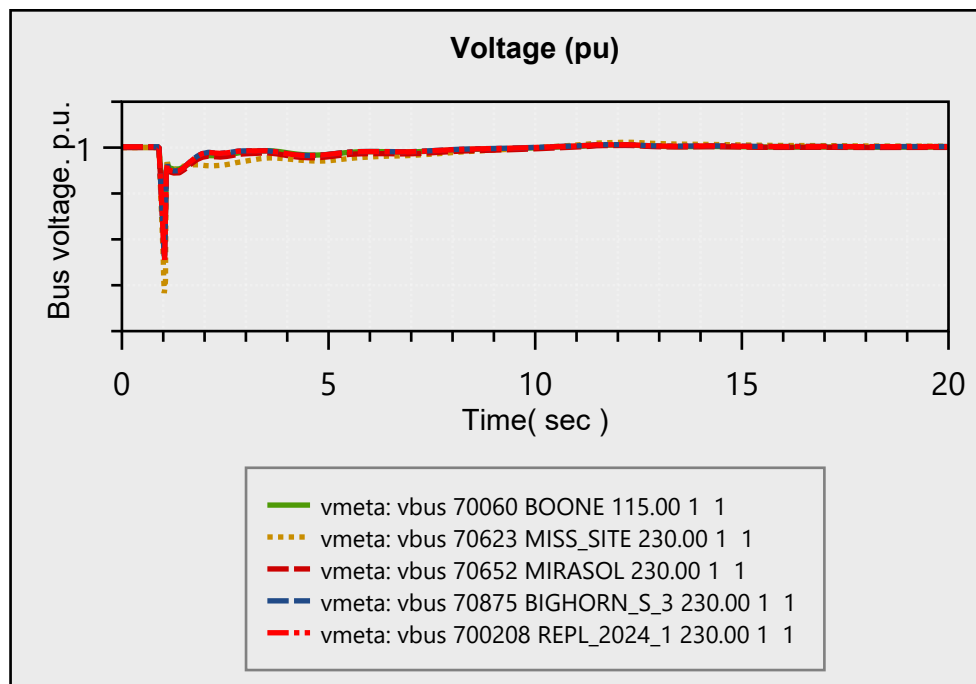
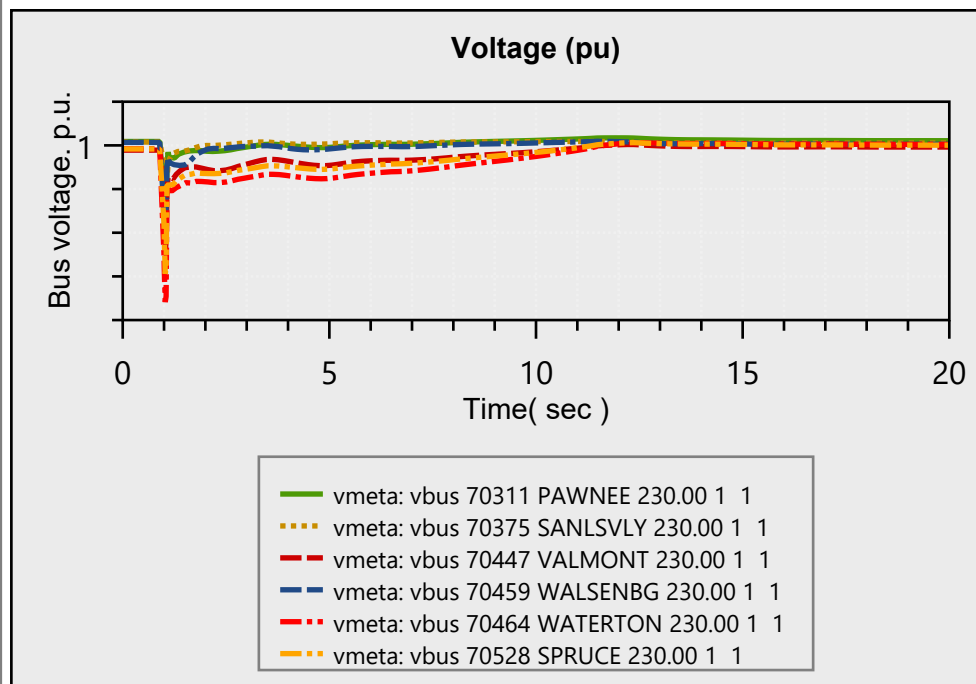
OUTPUTS



OUTPUTS

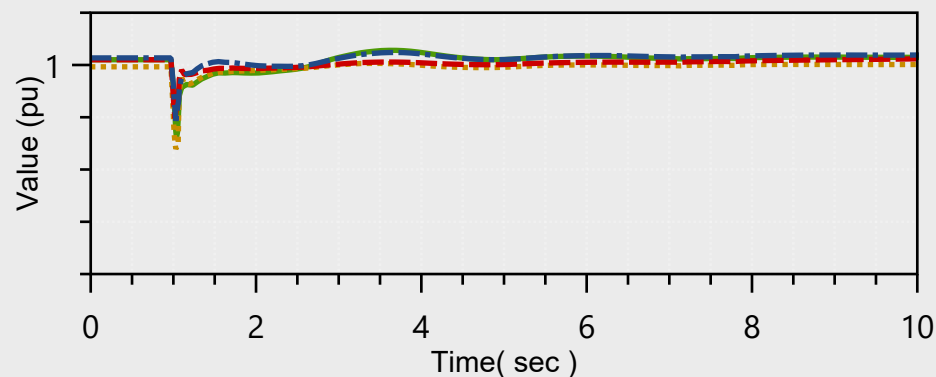


OUTPUTS



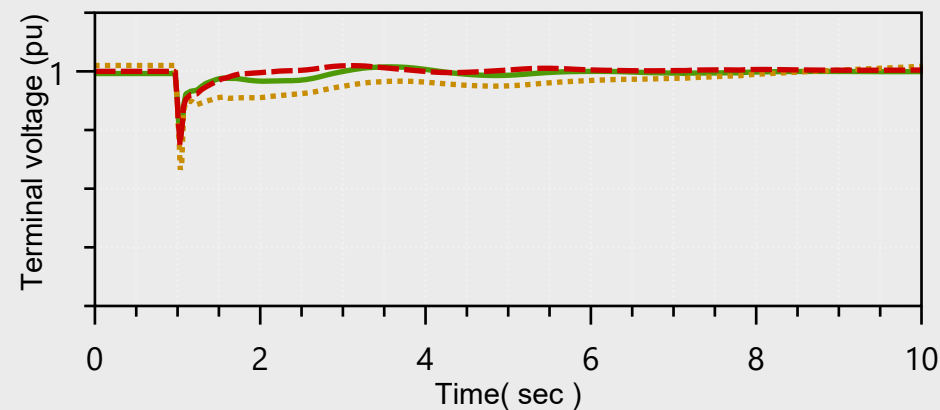
OUTPUTS

Generator Terminal Voltage (pu)



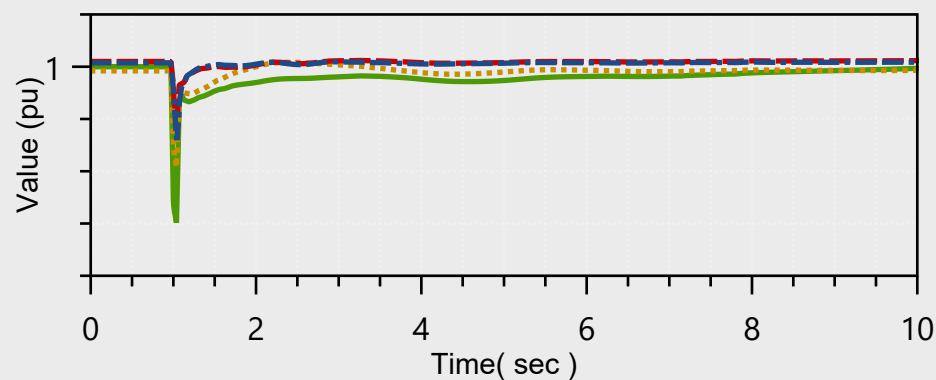
gentpj: vt 70145 CHEROKEE5 18.00 G5 1
 genrou: vt 70310 PAWNEE 22.00 C1 1
 genrou: vt 70314 MANCHEF1 16.00 G1 1
 gentpj: vt 70406 ST.VR_2 18.00 G2 1

Generator Terminal Voltage (pu)



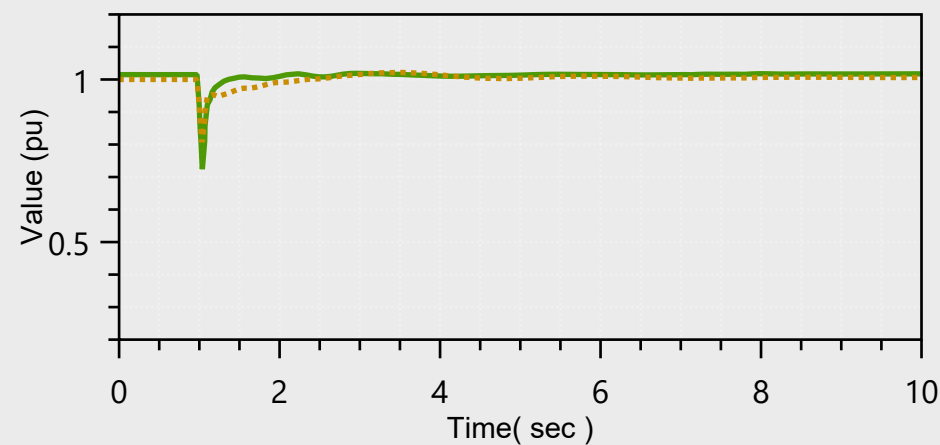
gentpj: vt 70409 ST.VRAIN 22.00 ST 1
 gentpj: vt 70553 ARAP5&6 13.80 G5 1
 gentpj: vt 70588 RMEC1 15.00 G1 1

Generator Terminal Voltage (pu)



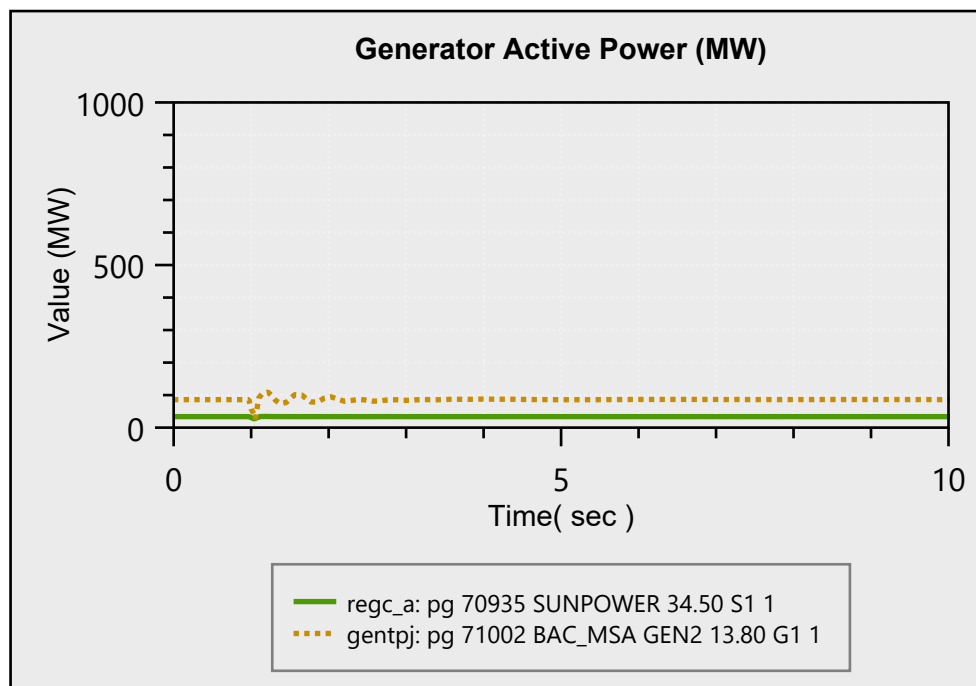
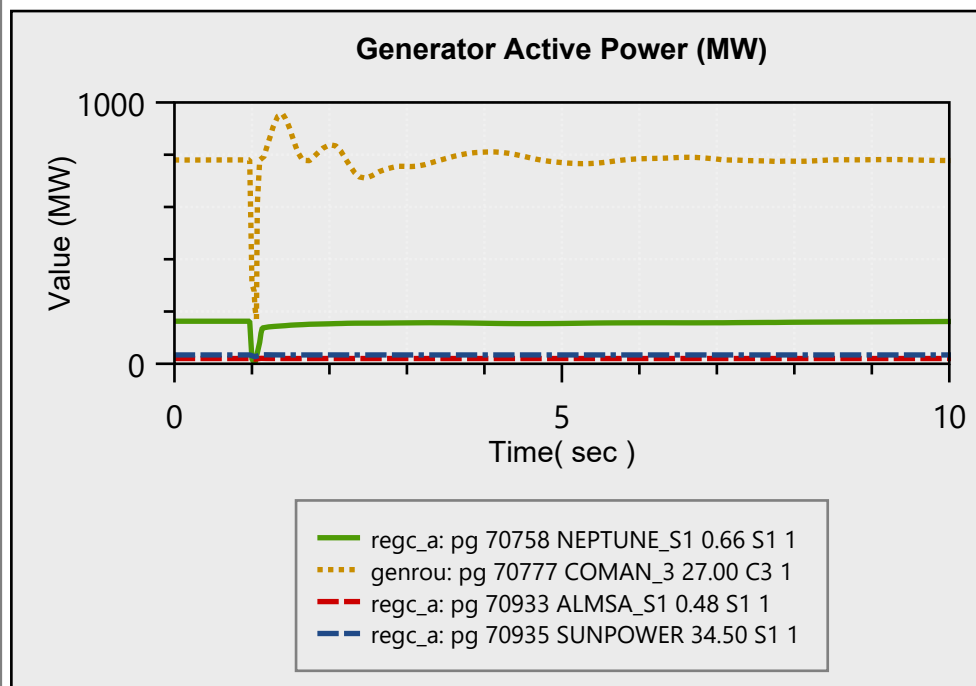
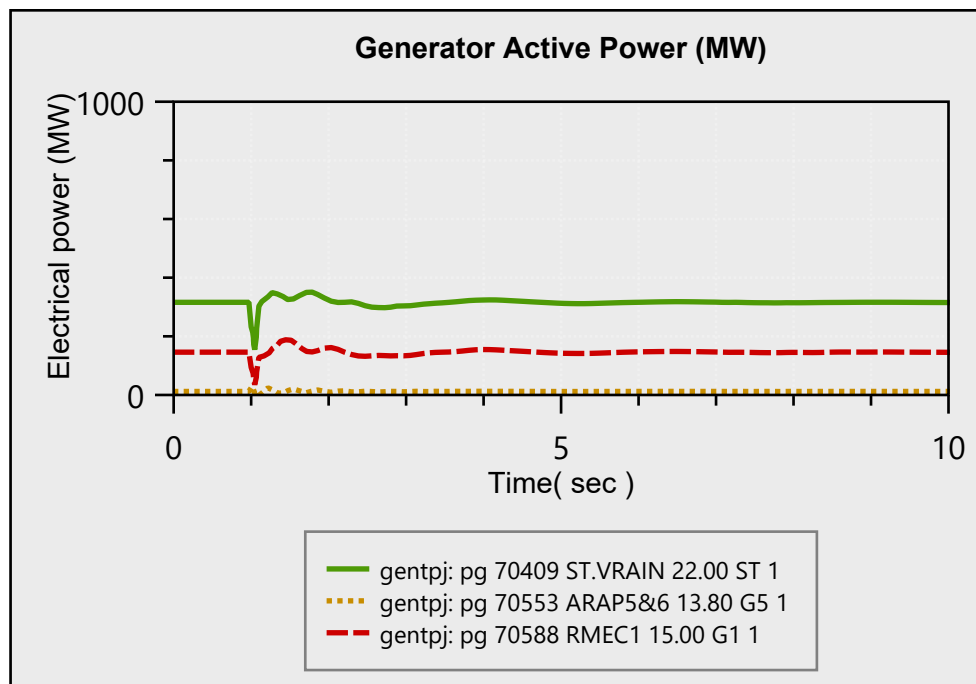
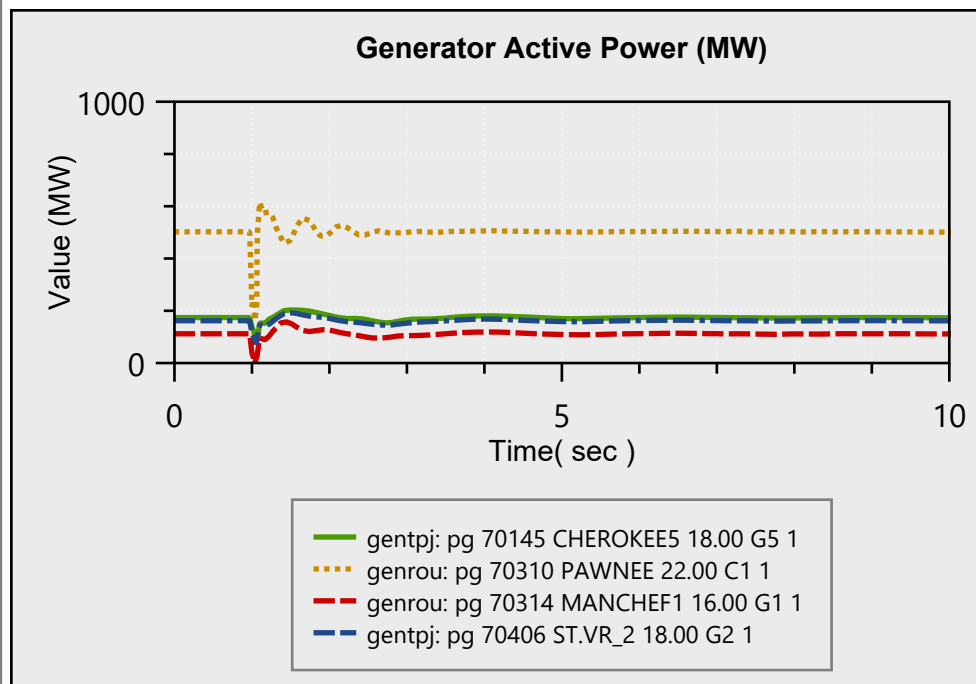
regc_a: vt 70758 NEPTUNE_S1 0.66 S1 1
 genrou: vt 70777 COMAN_3 27.00 C3 1
 regc_a: vt 70933 ALMSA_S1 0.48 S1 1
 regc_a: vt 70935 SUNPOWER 34.50 S1 1

Generator Terminal Voltage (pu)

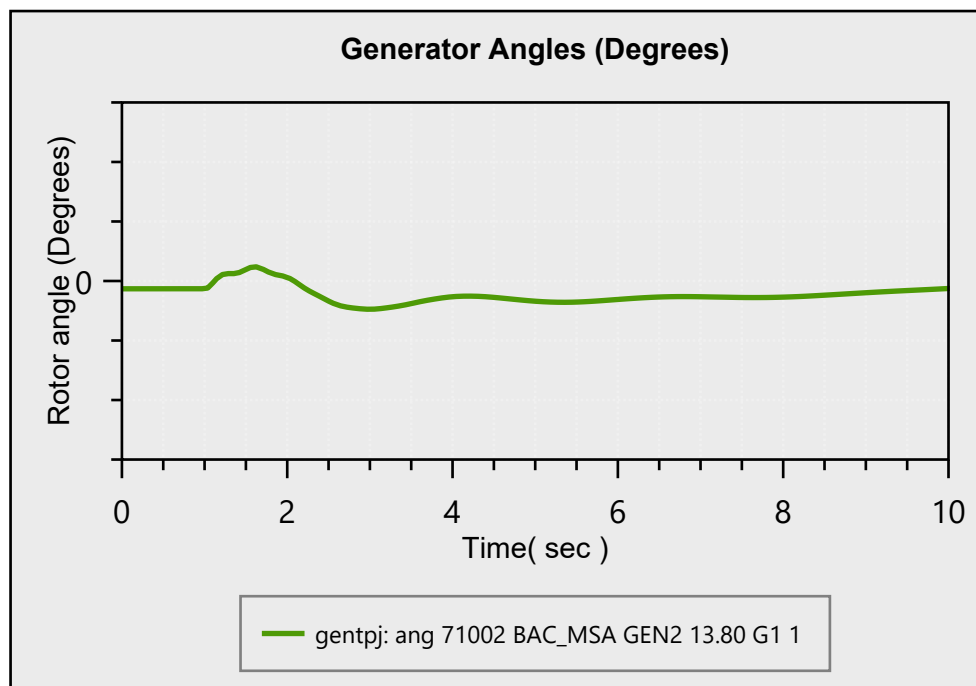
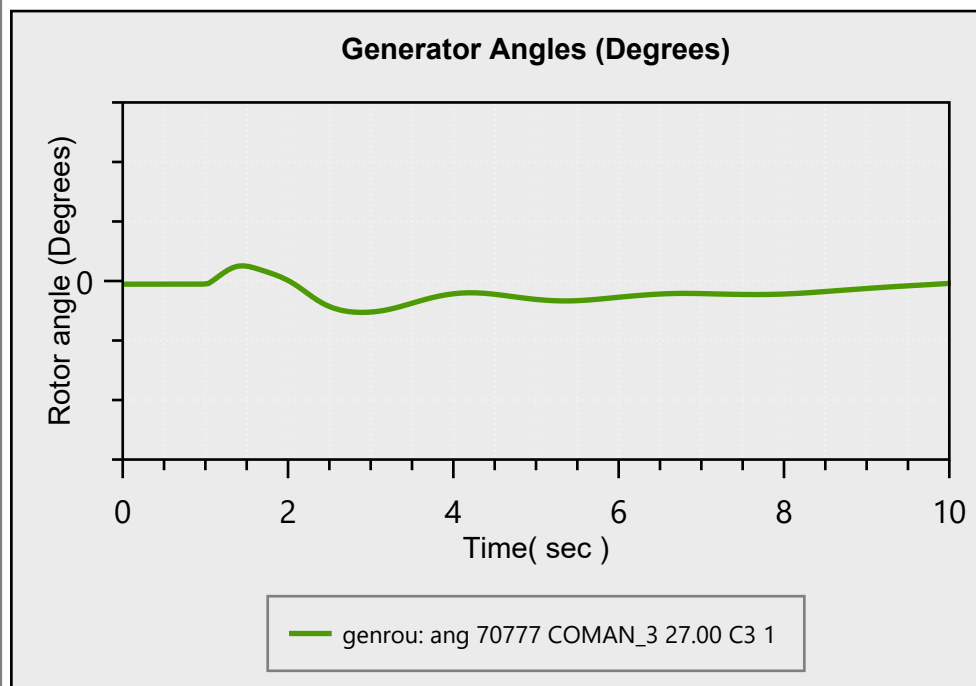
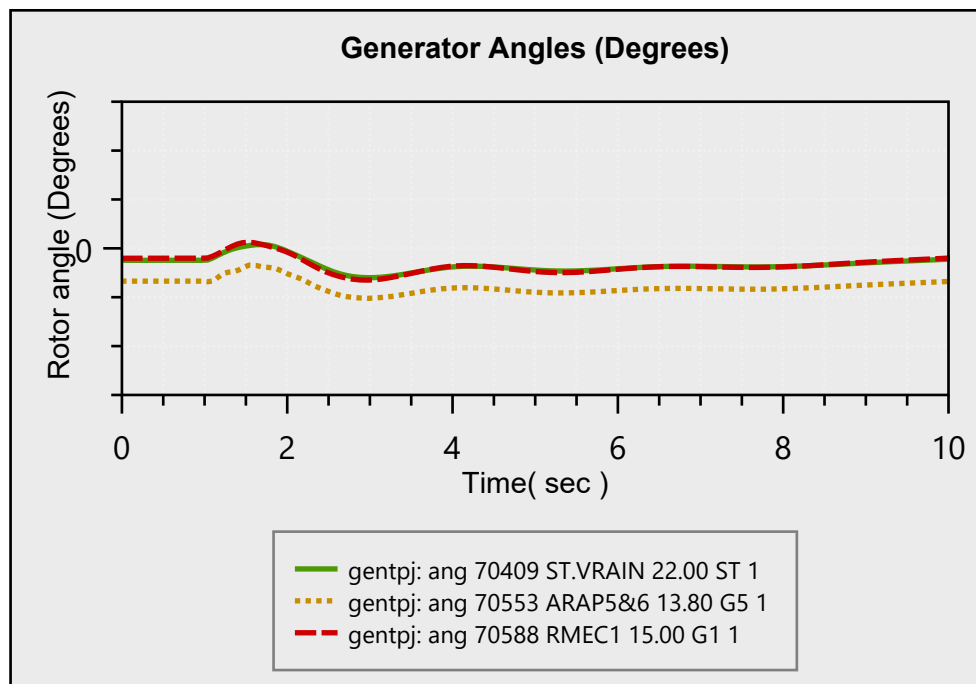
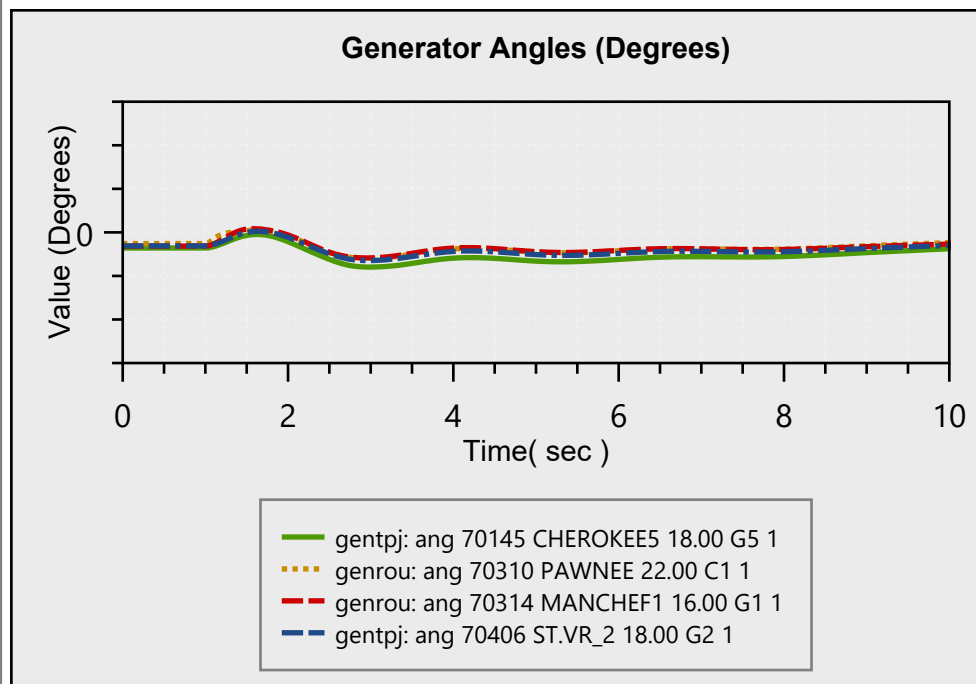


regc_a: vt 70935 SUNPOWER 34.50 S1 1
 gentpj: vt 71002 BAC_MSA GEN2 13.80 G1 1

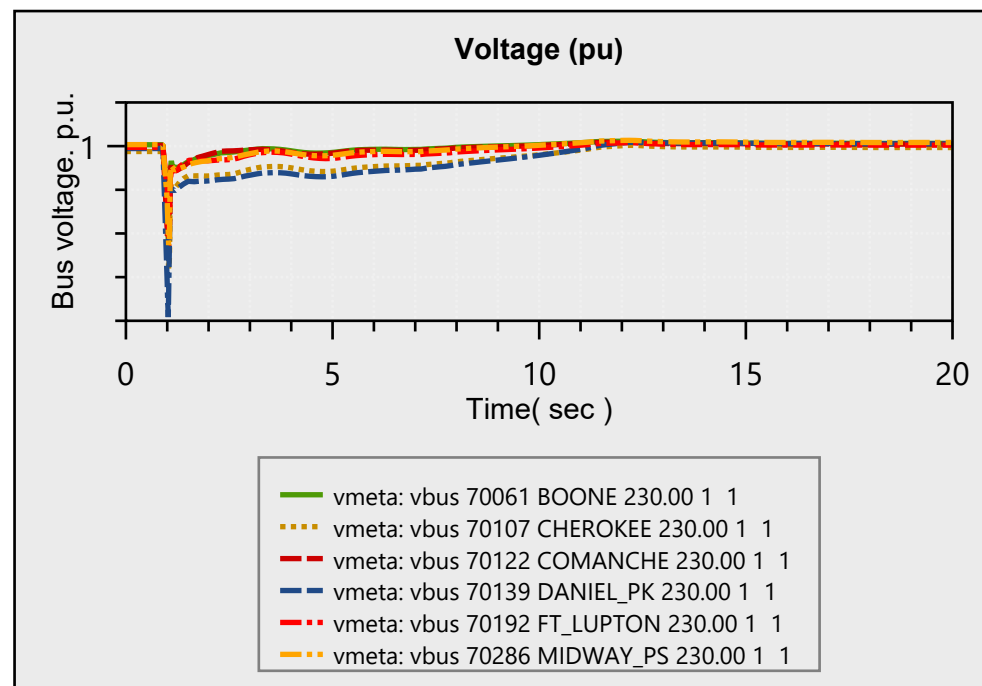
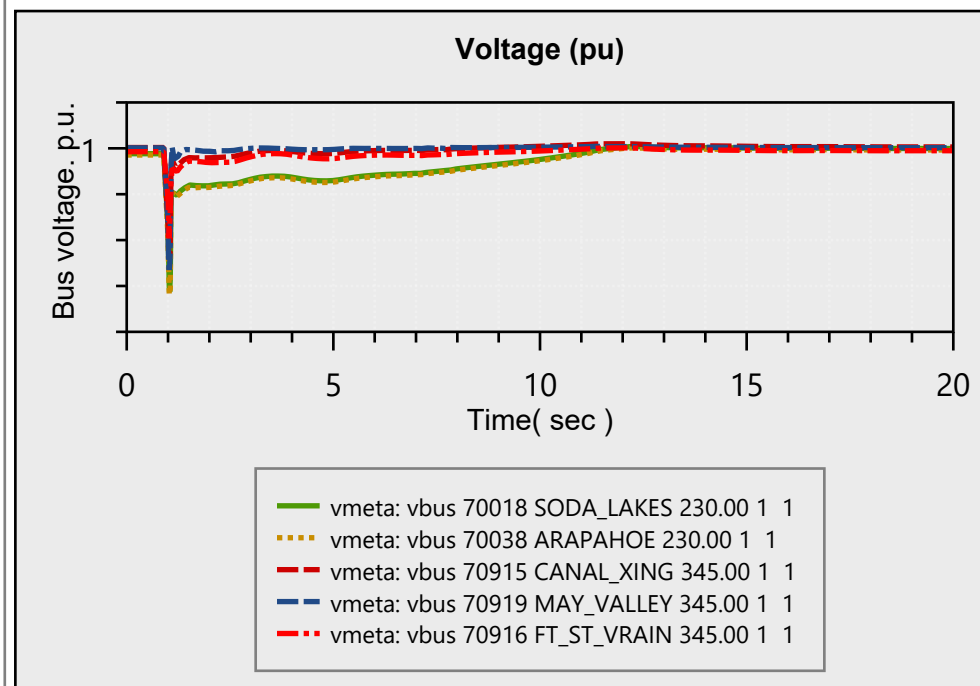
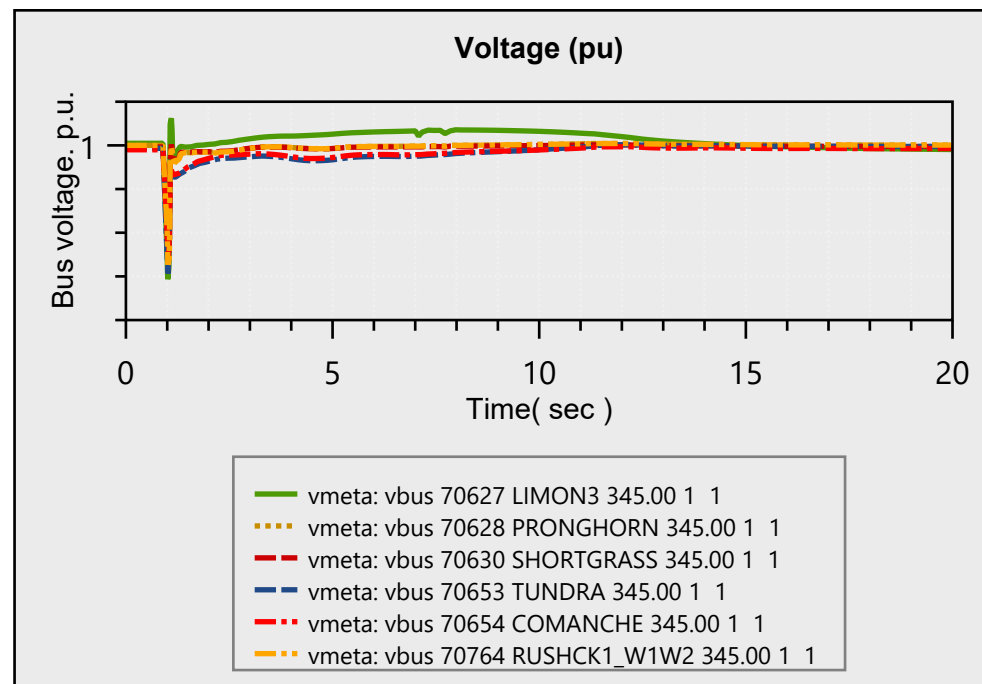
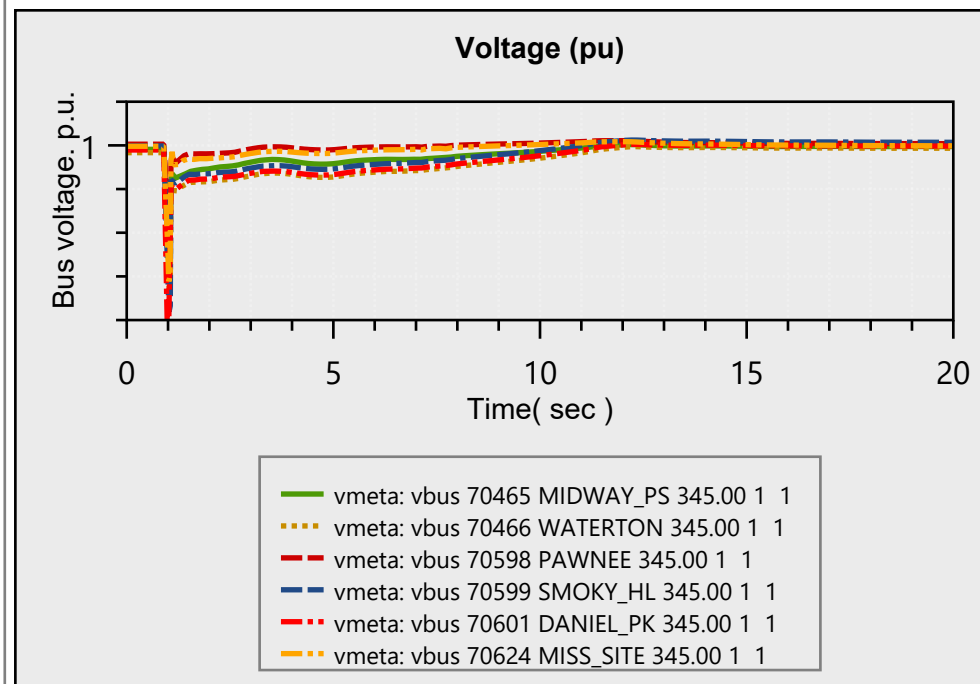
OUTPUTS



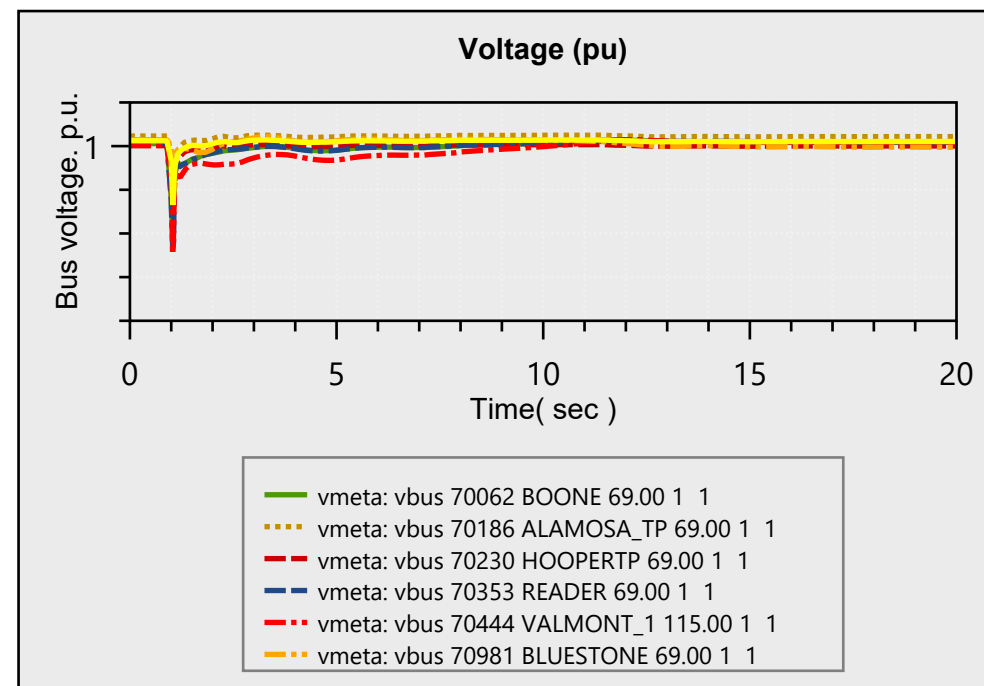
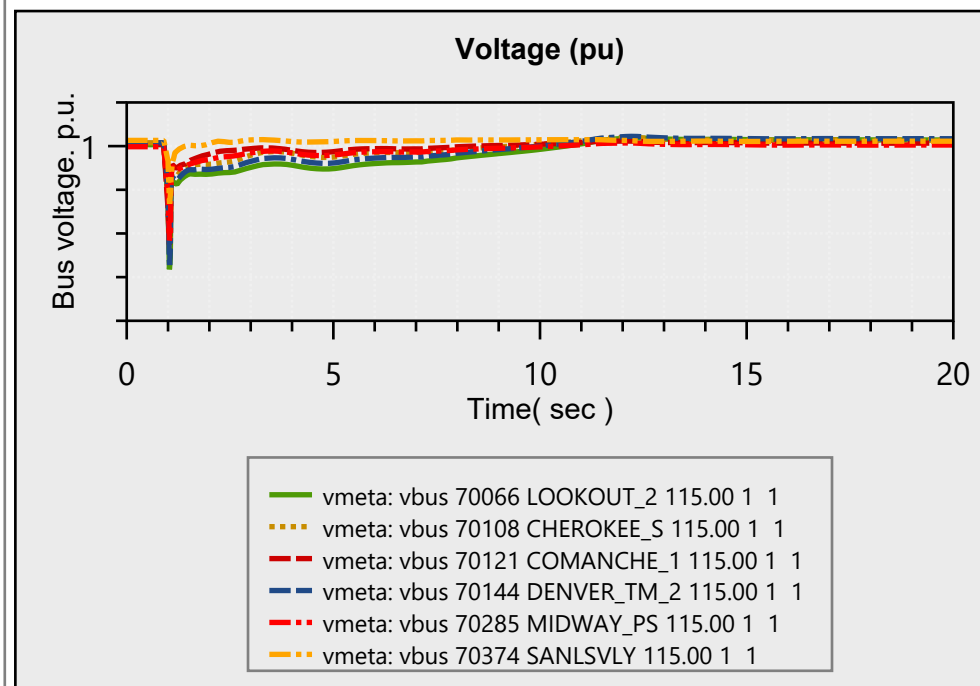
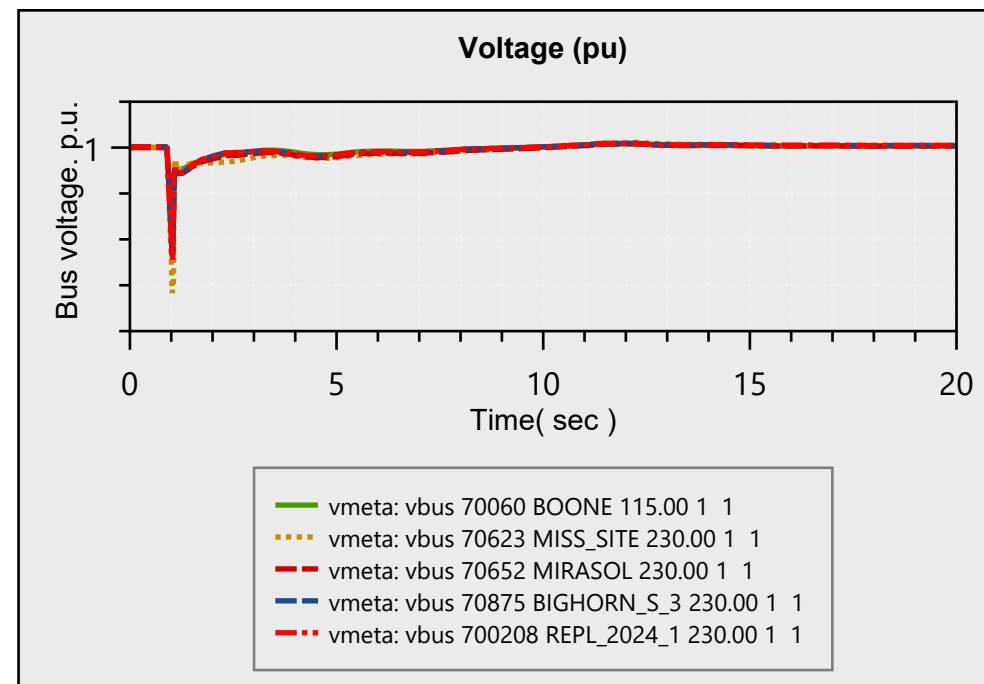
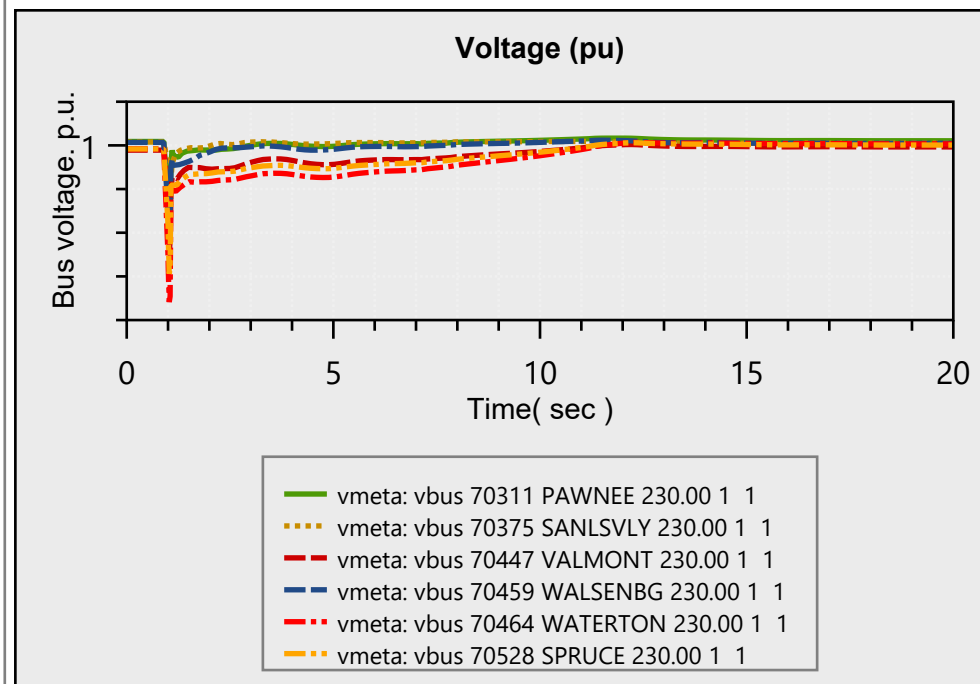
OUTPUTS



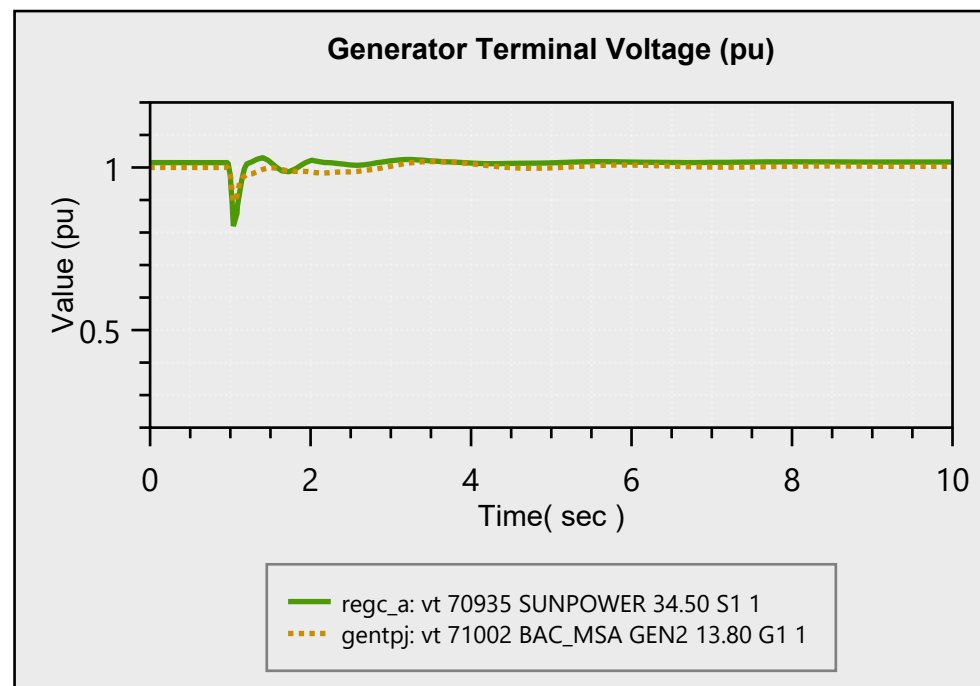
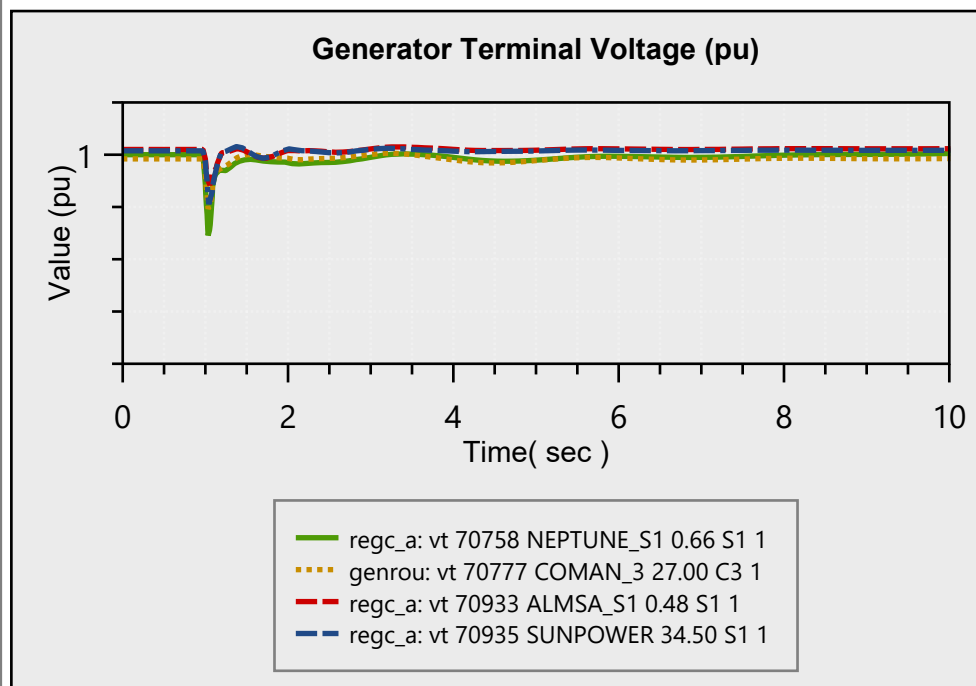
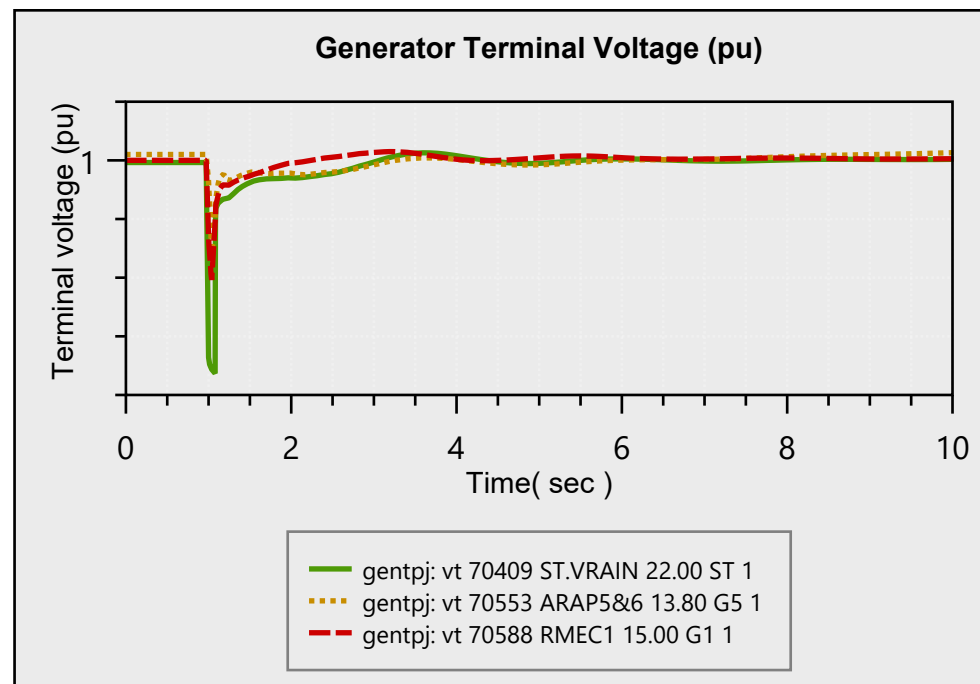
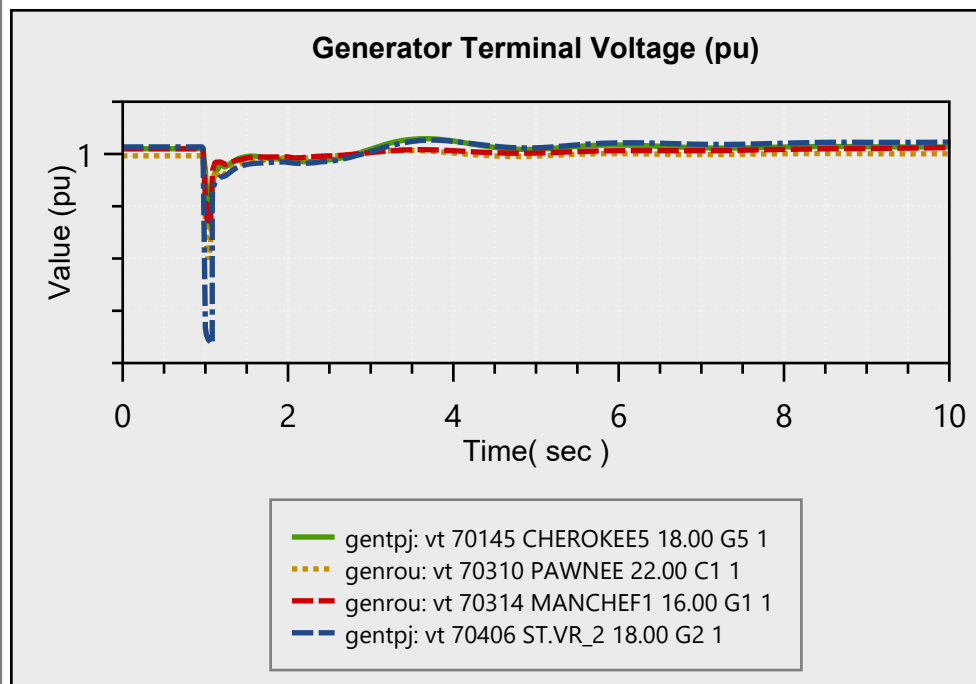
OUTPUTS



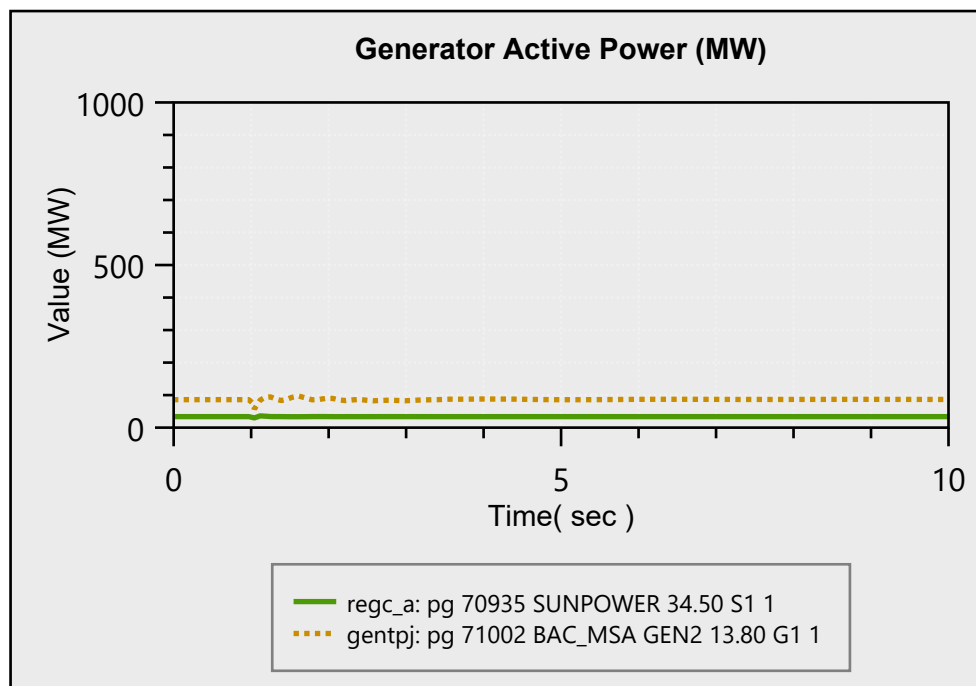
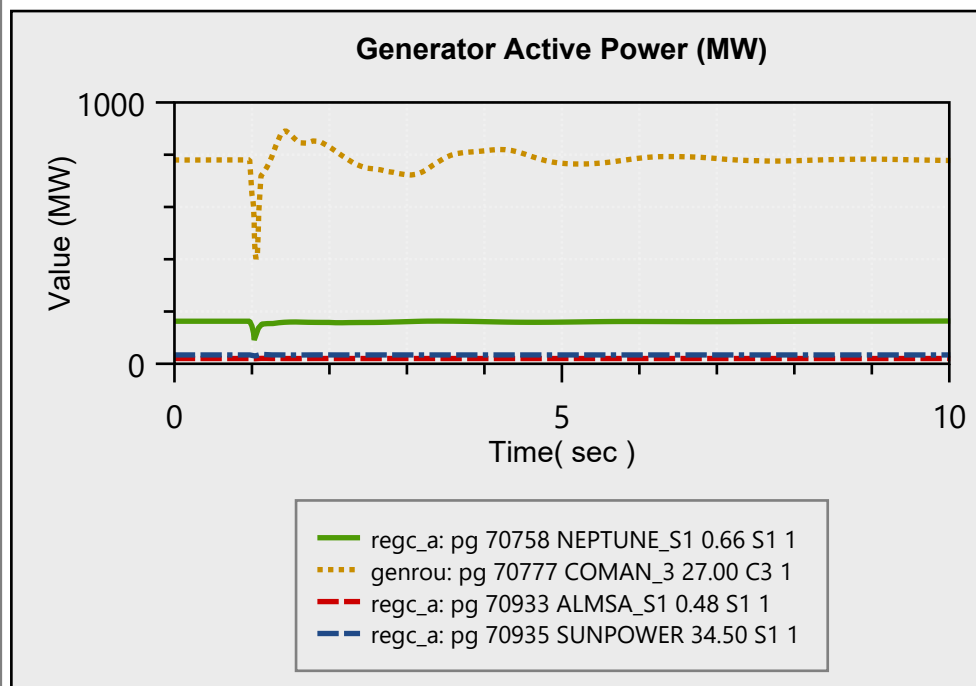
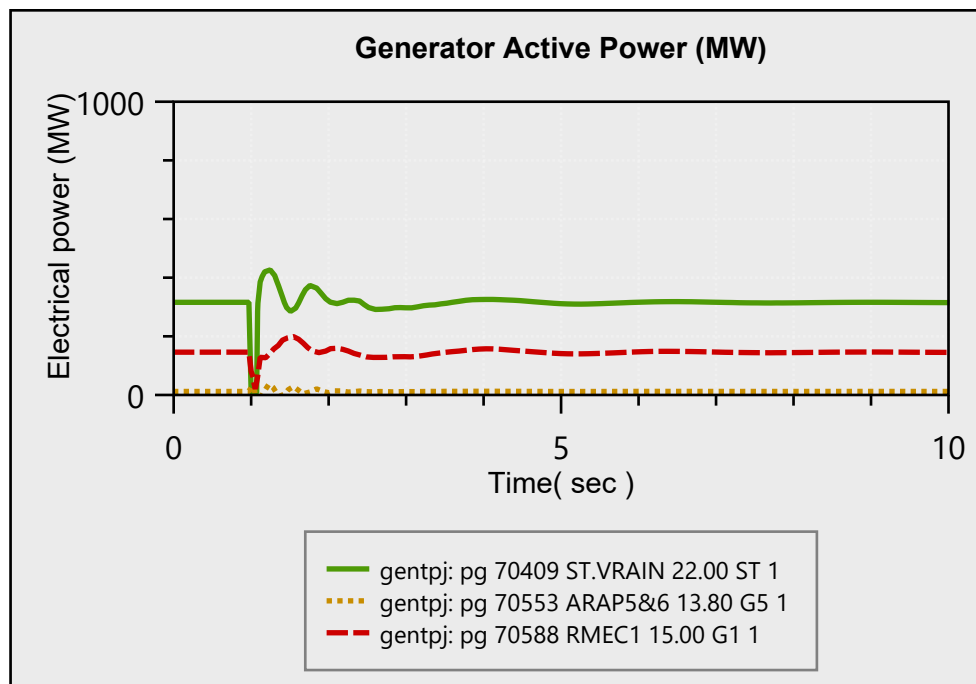
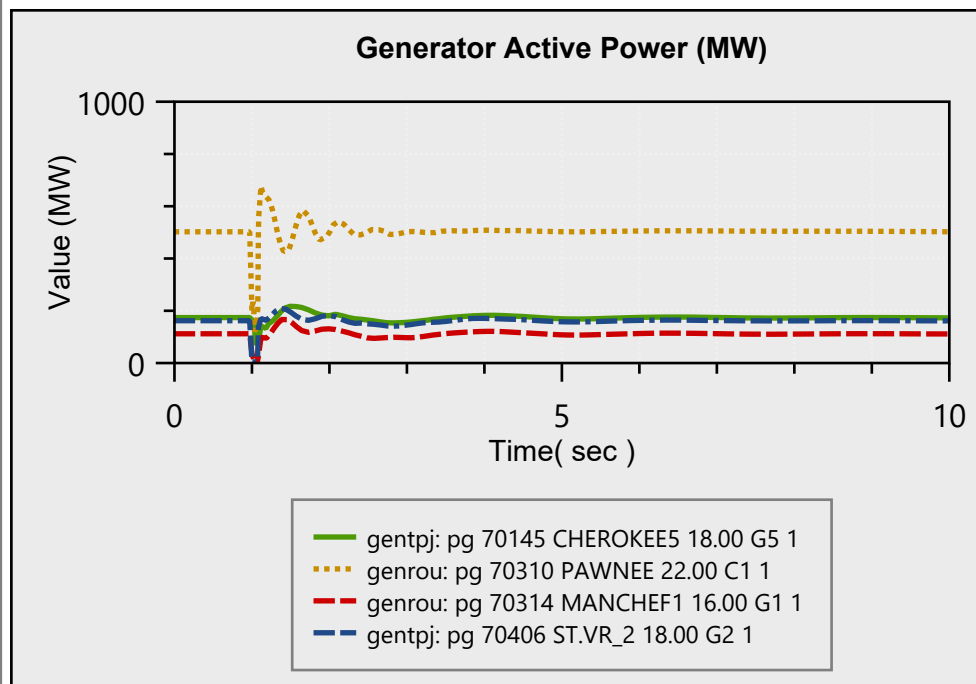
OUTPUTS



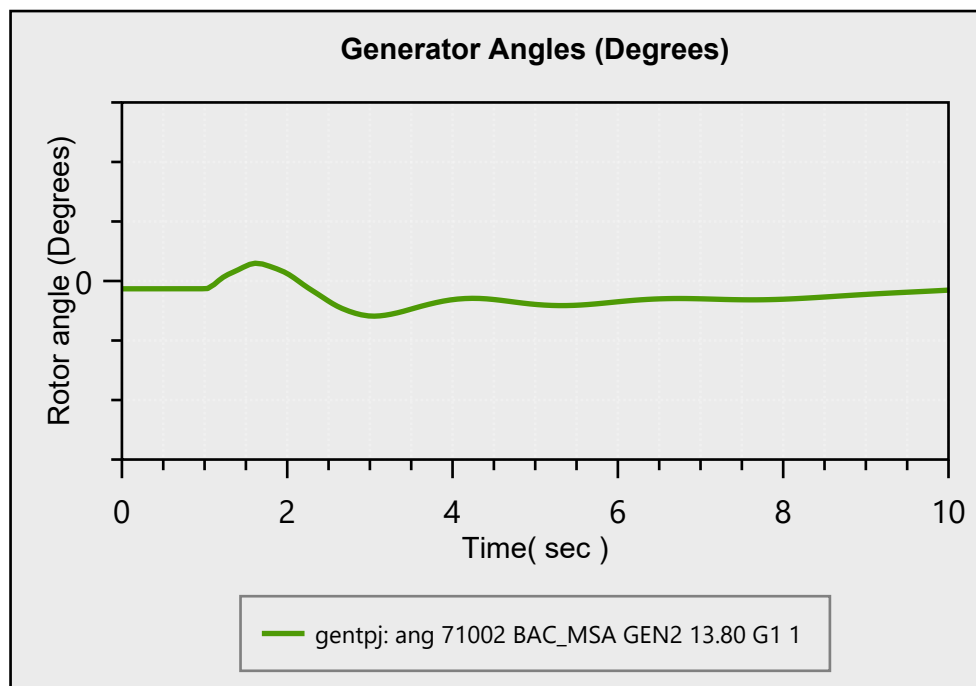
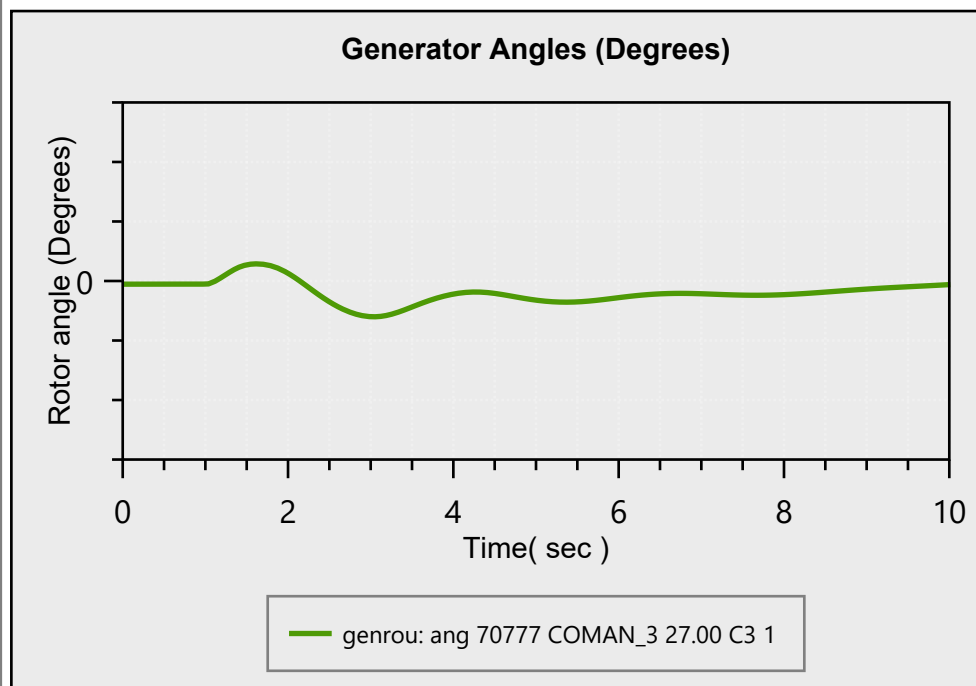
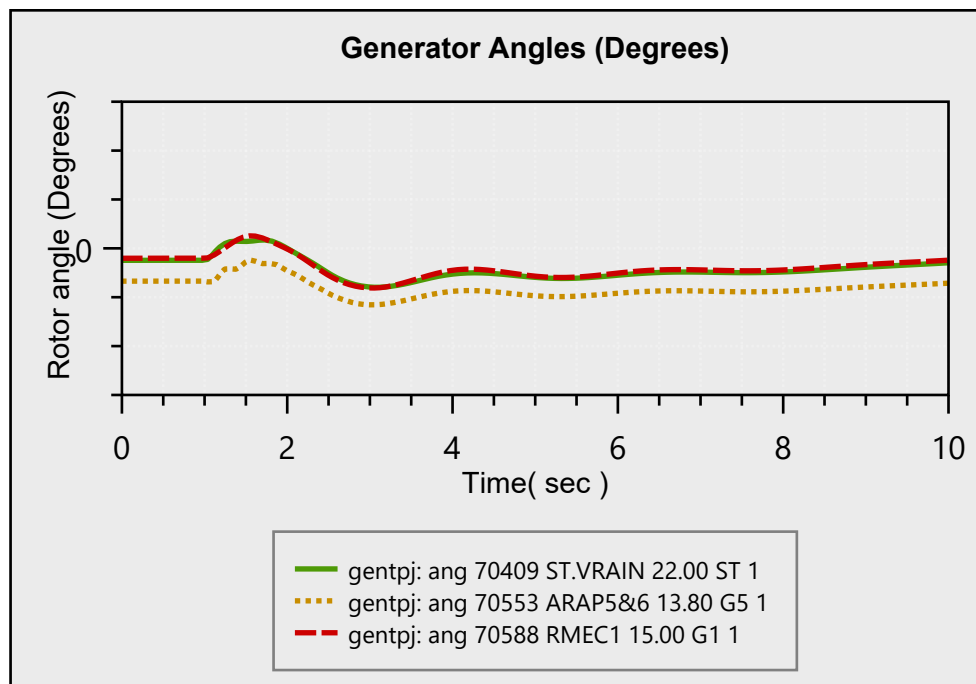
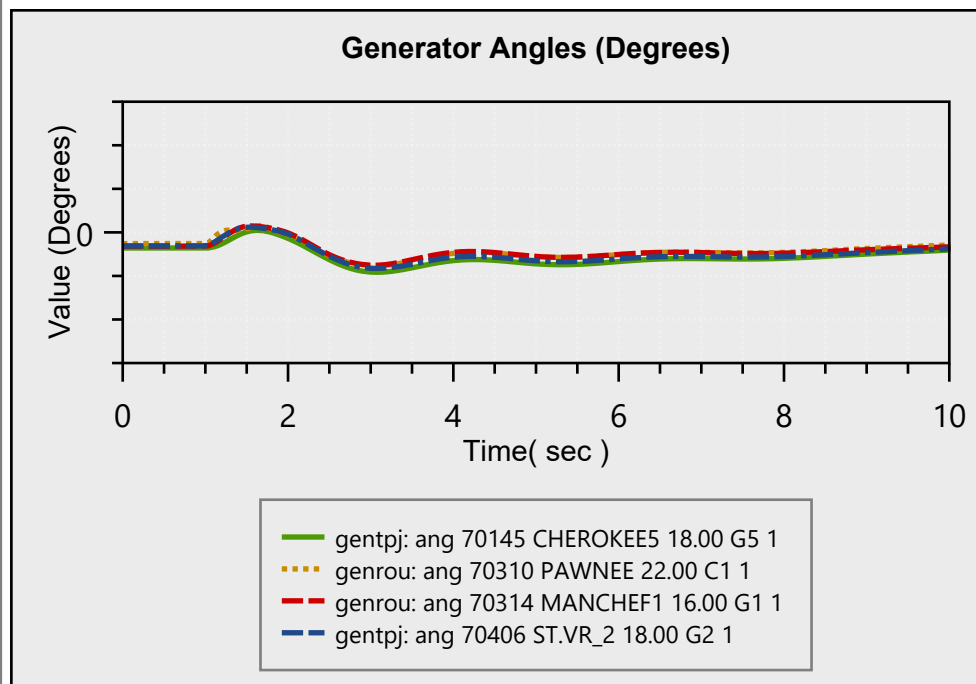
OUTPUTS



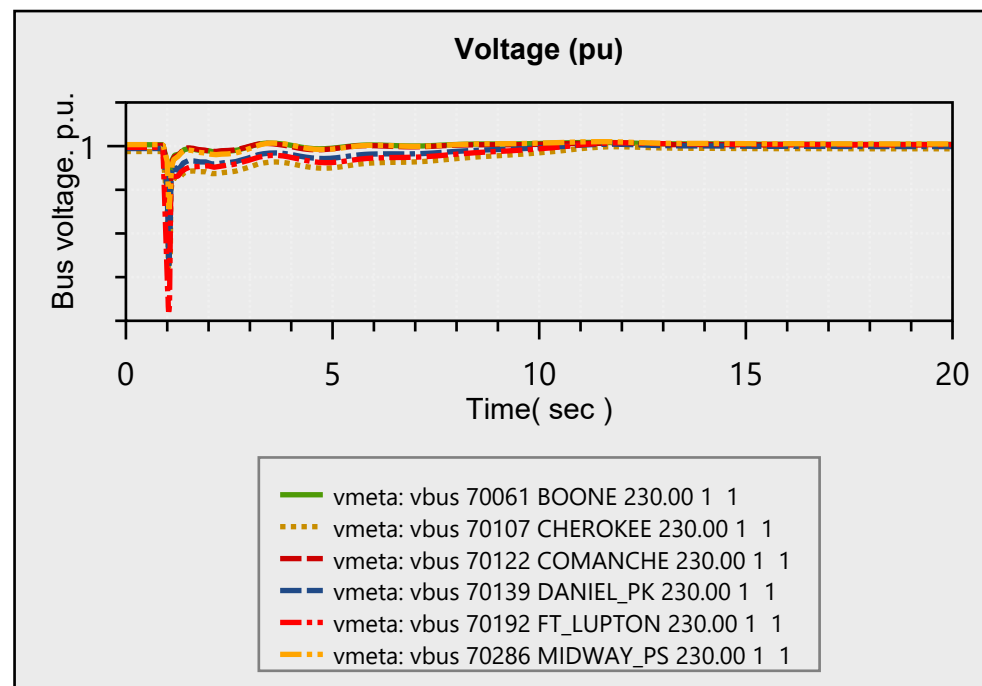
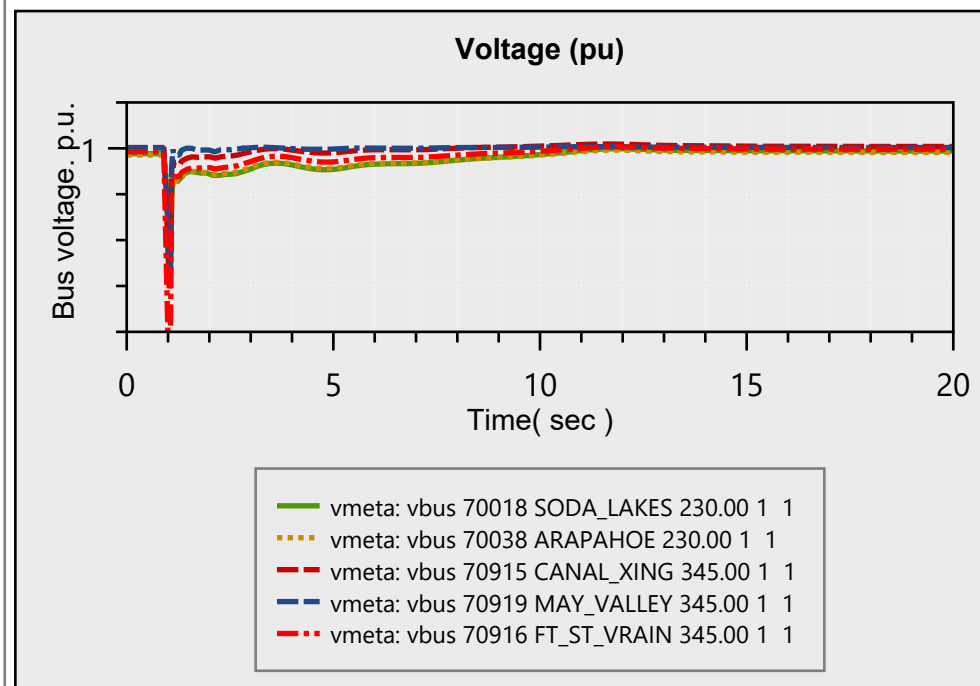
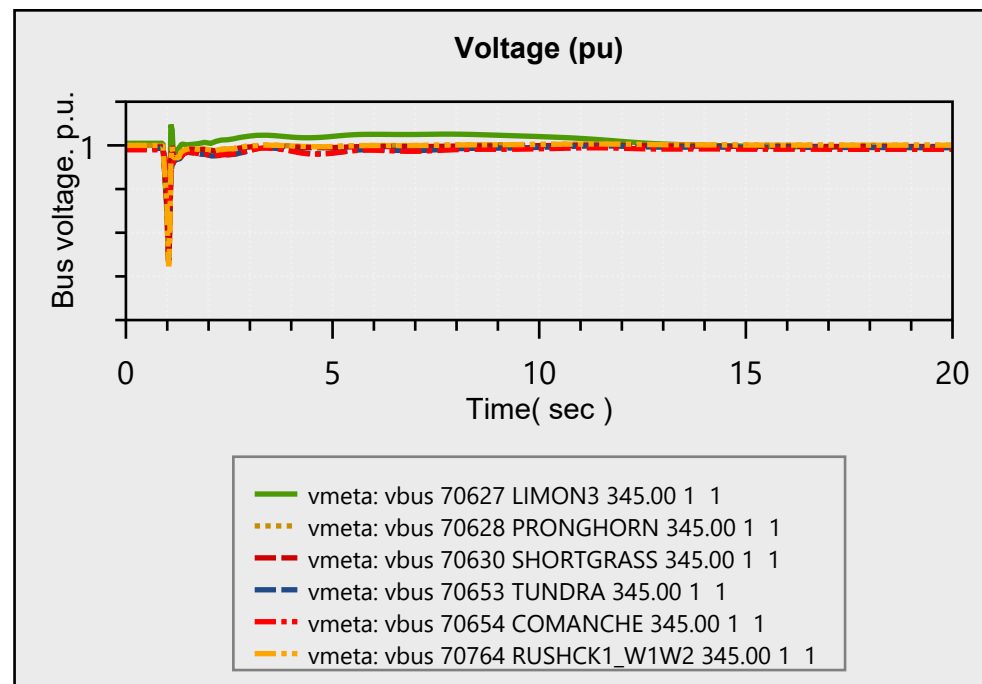
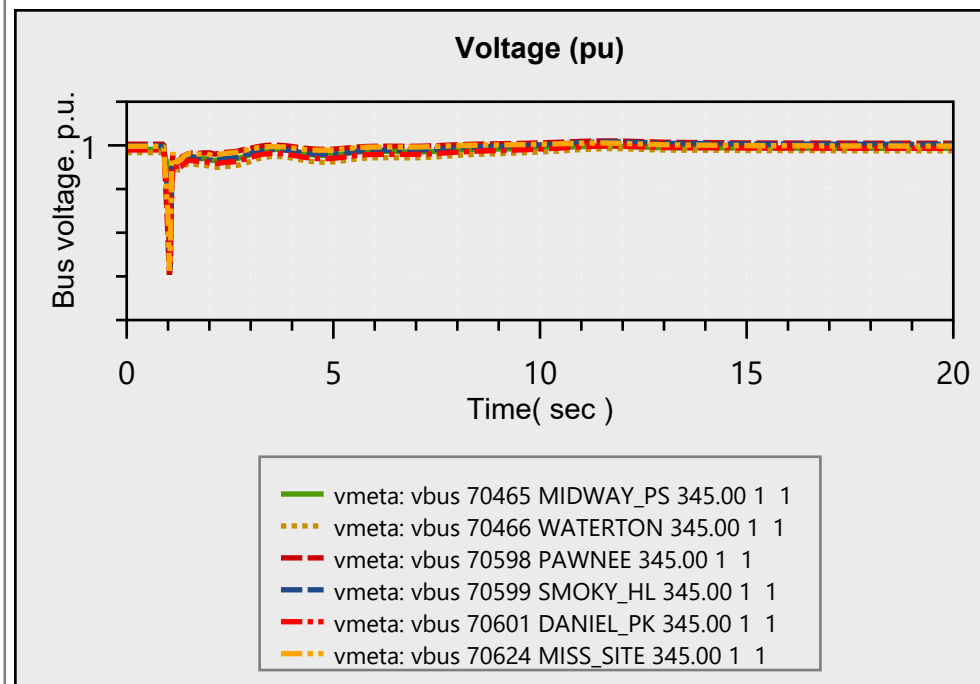
OUTPUTS



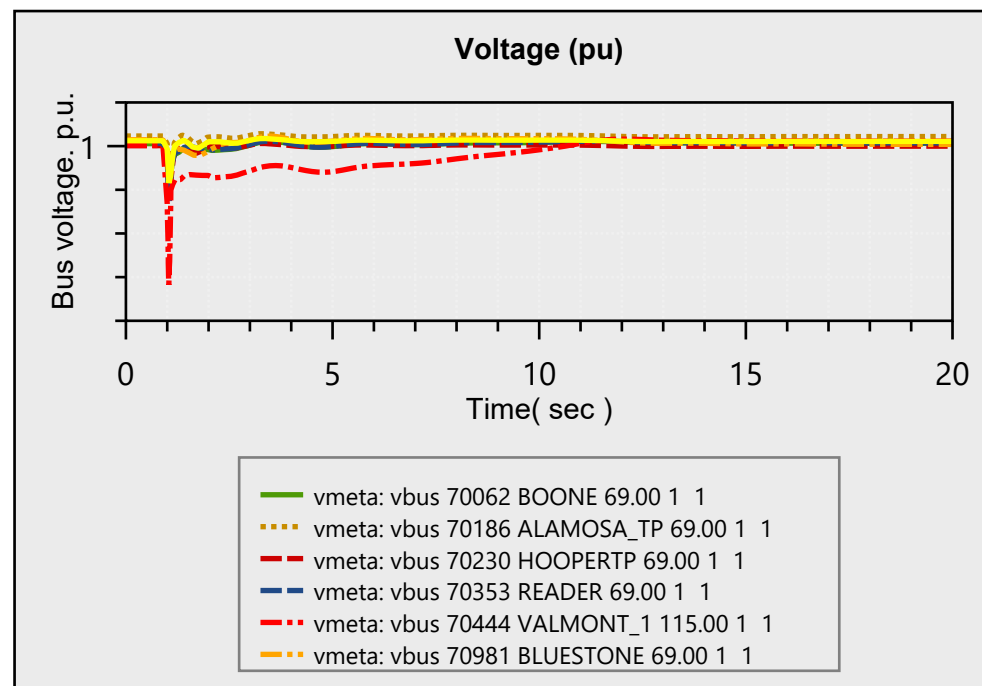
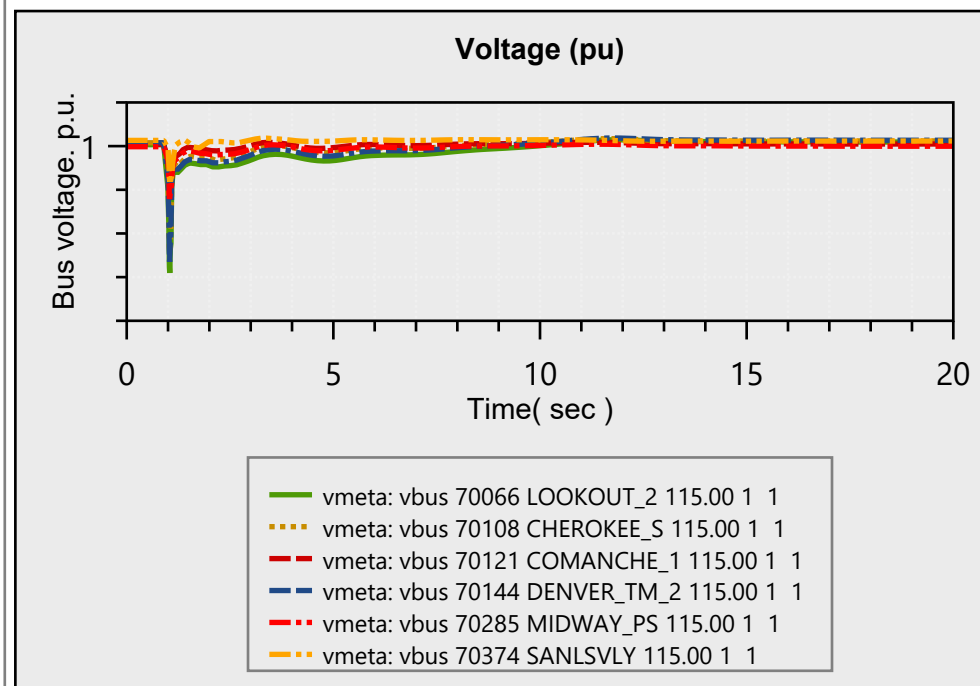
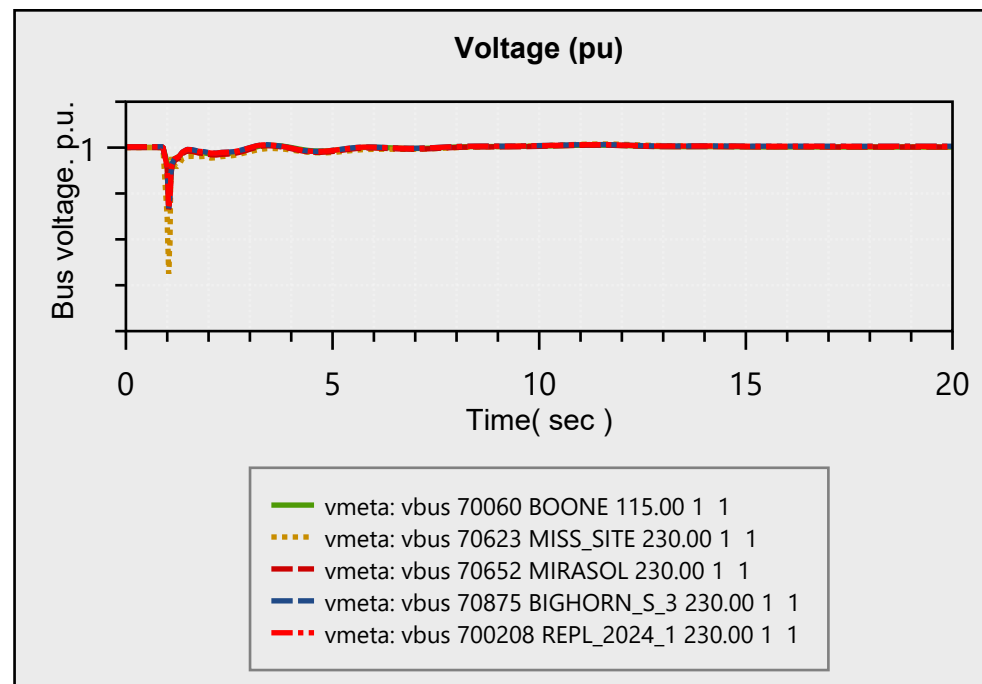
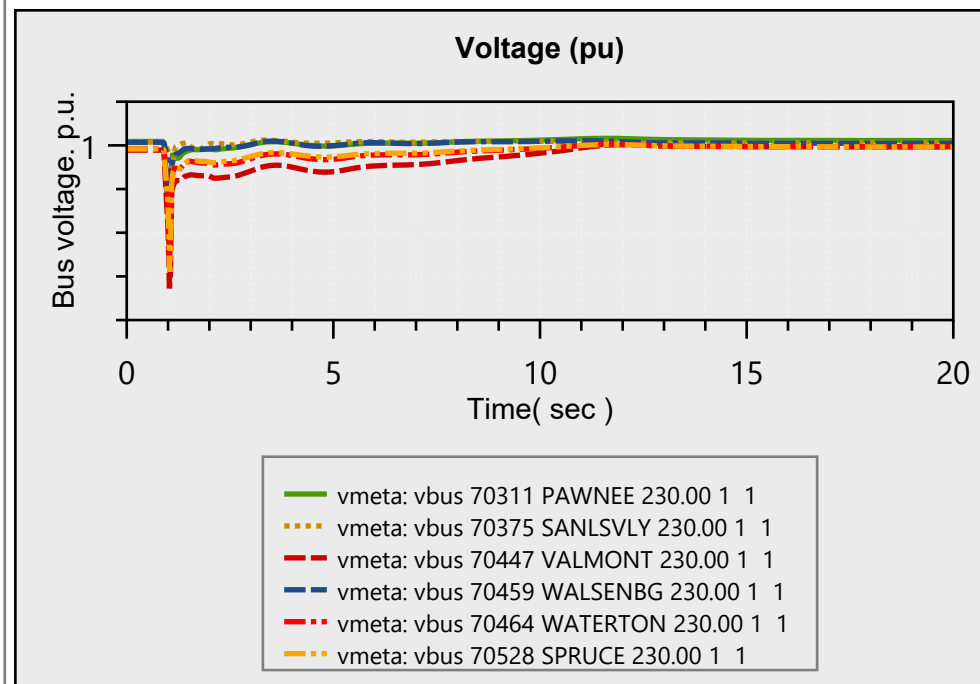
OUTPUTS



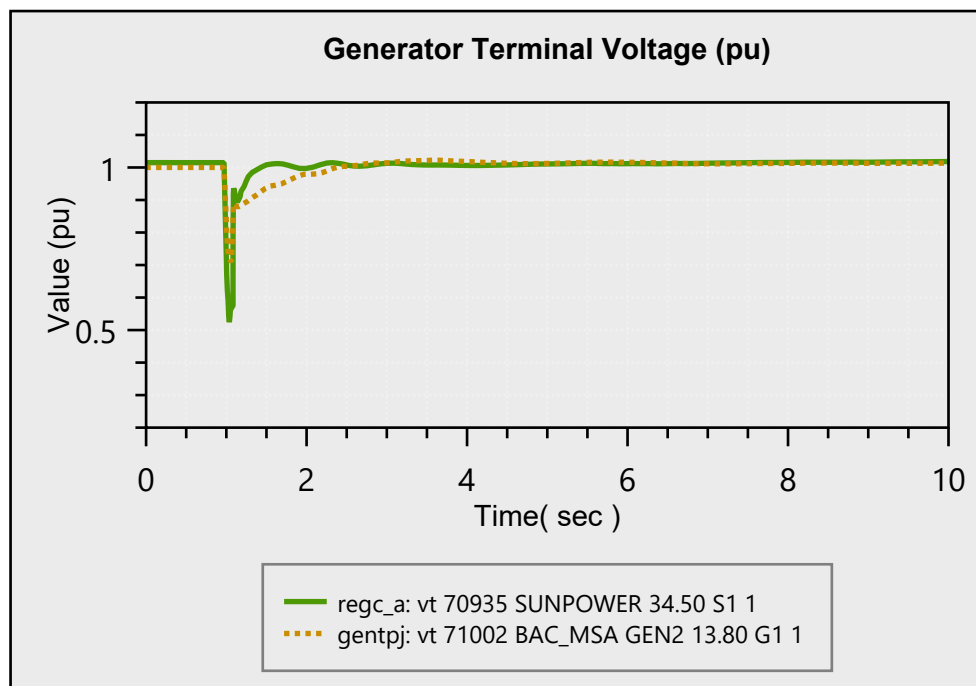
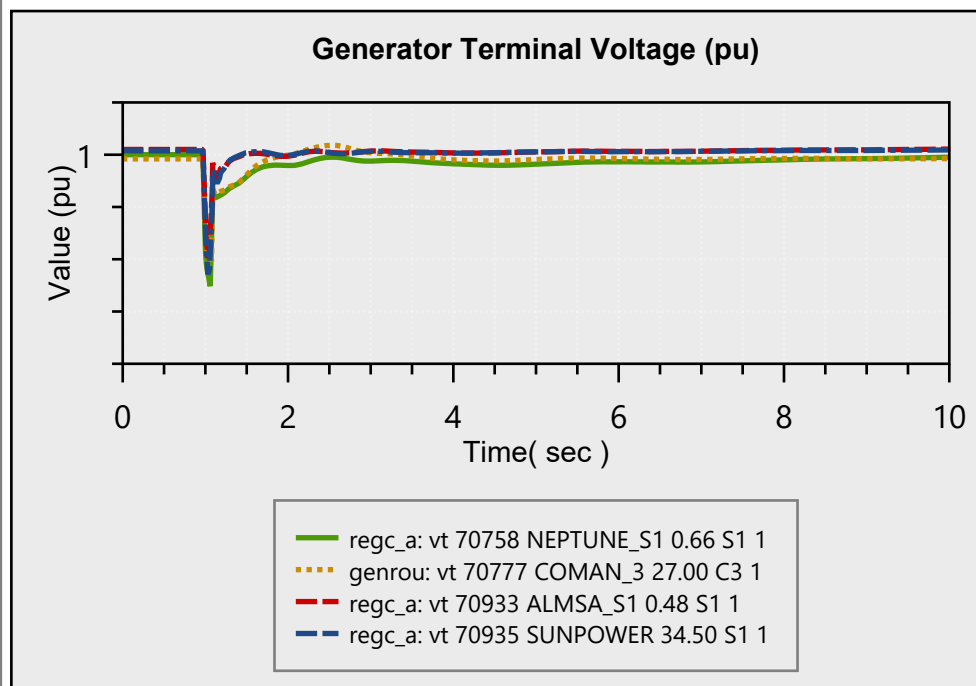
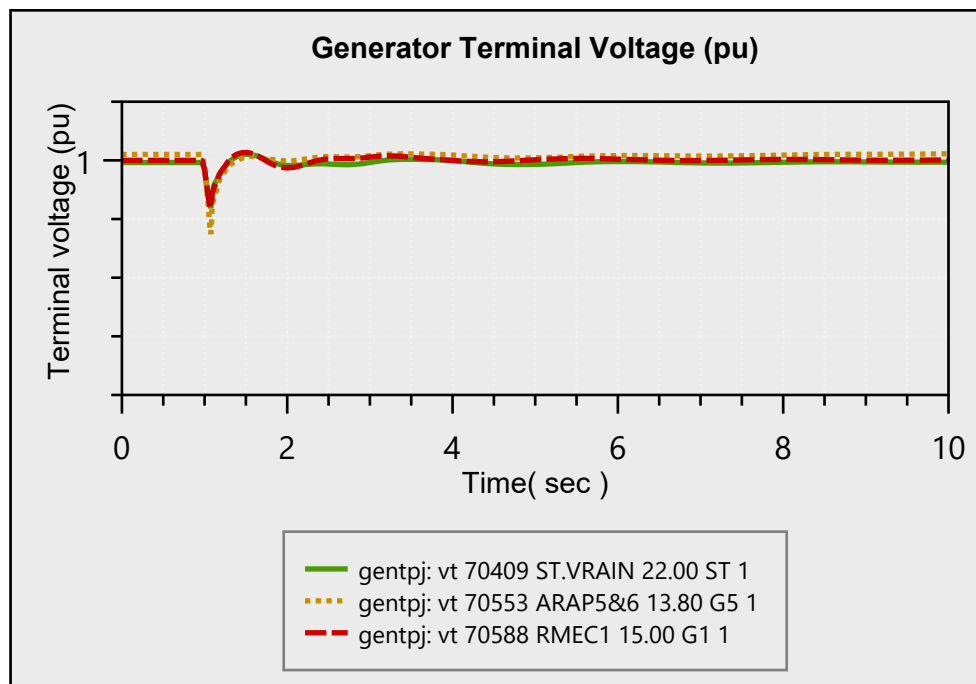
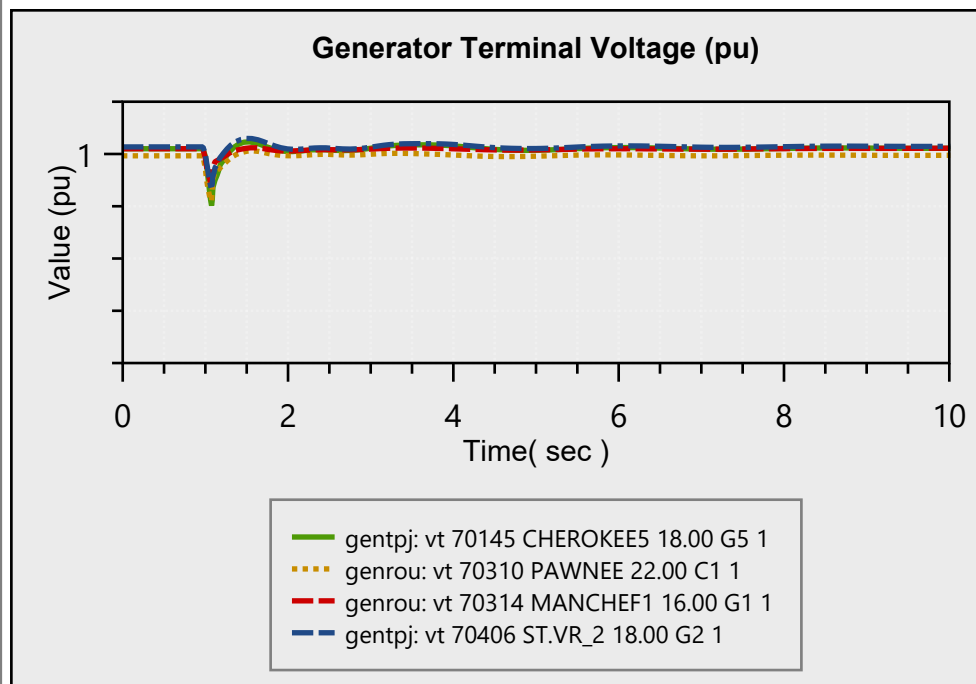
OUTPUTS



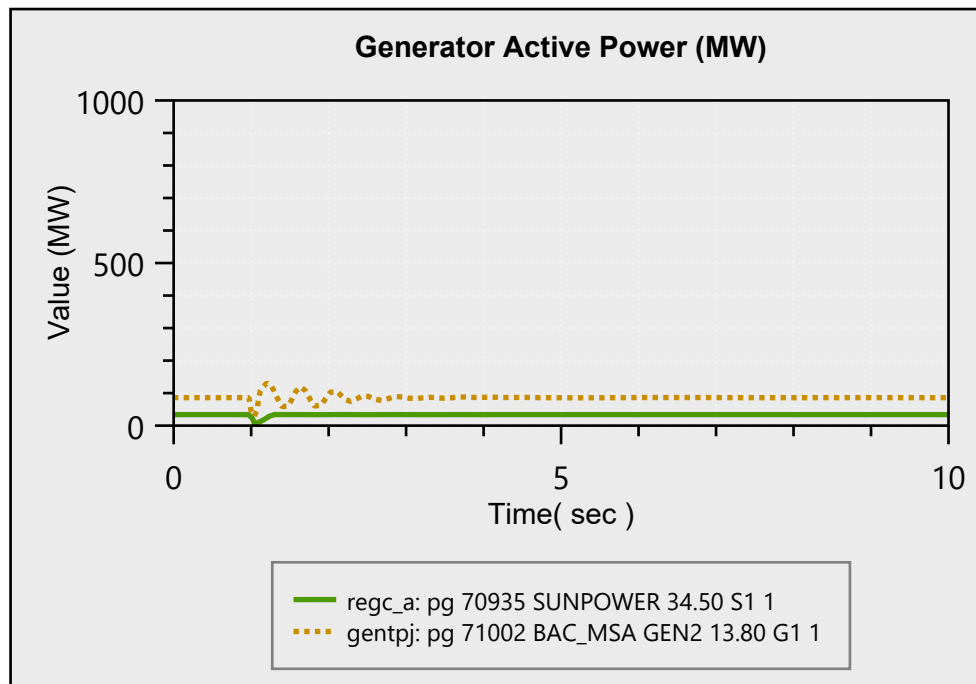
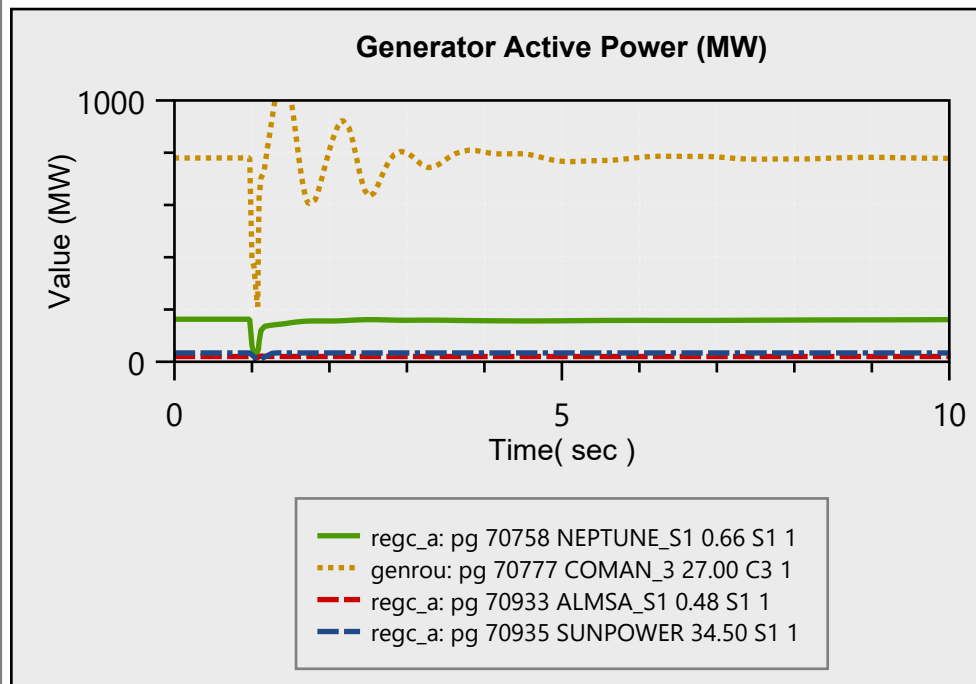
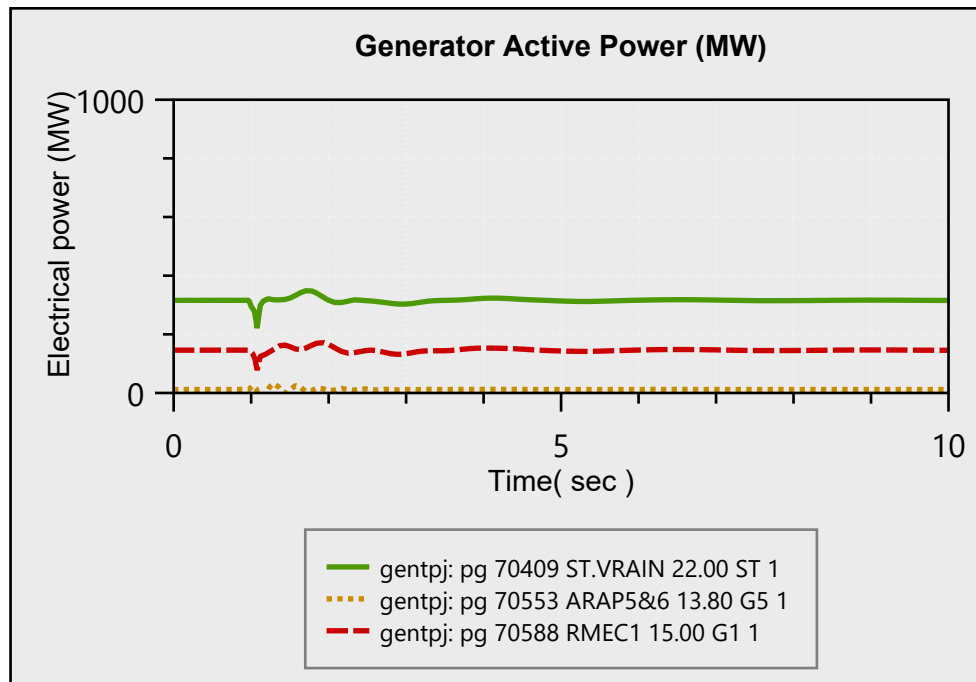
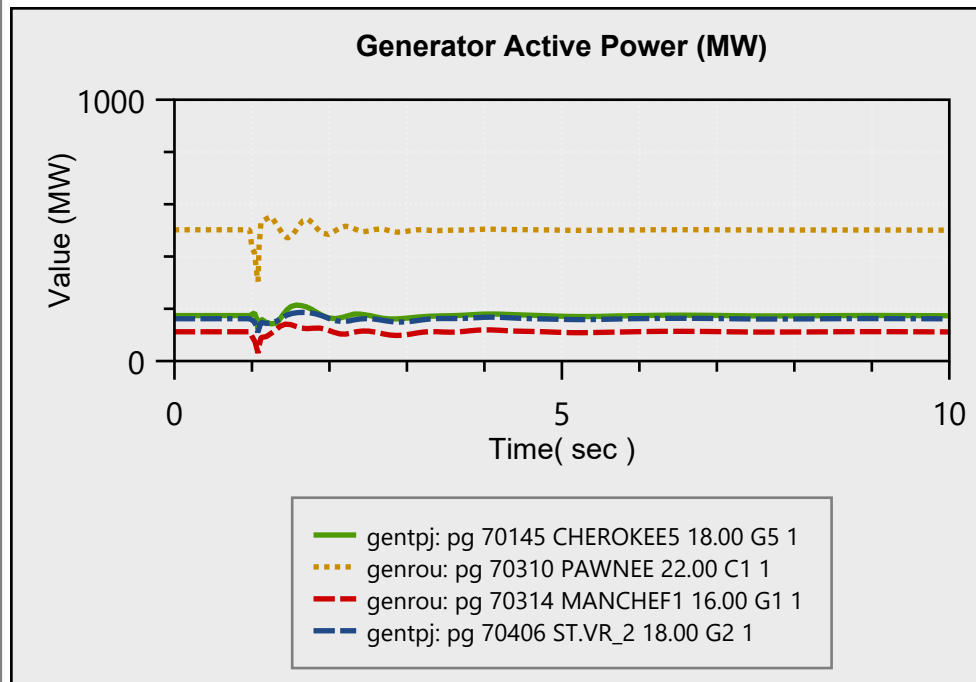
OUTPUTS



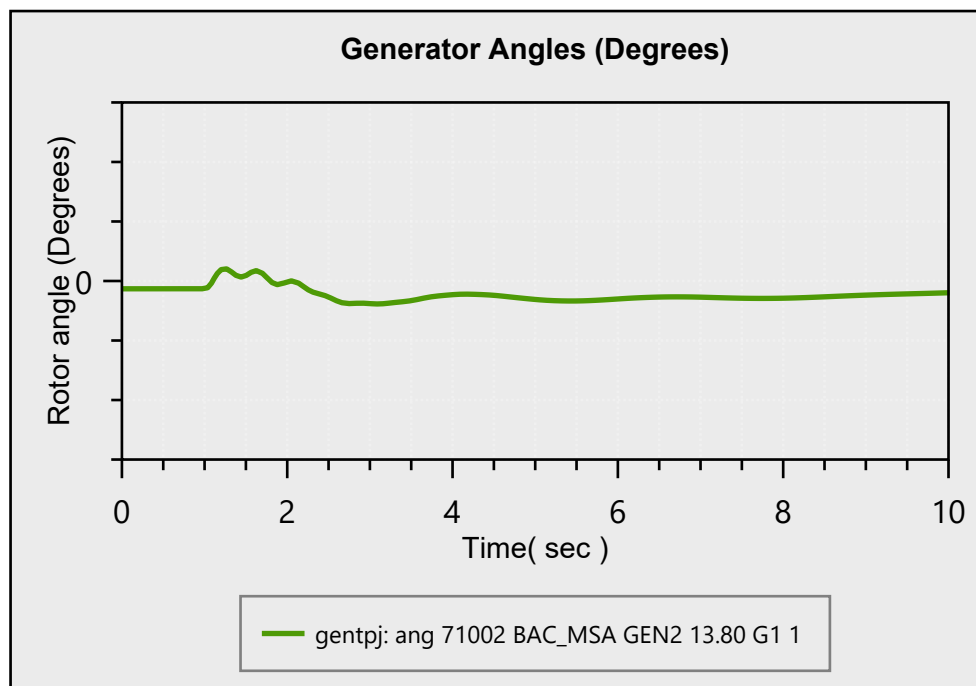
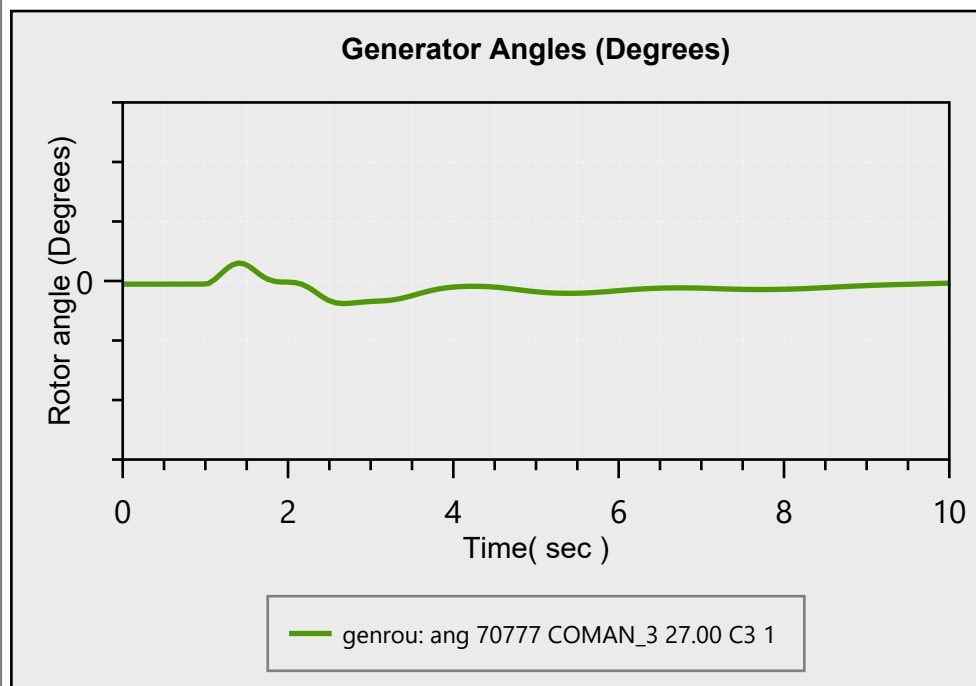
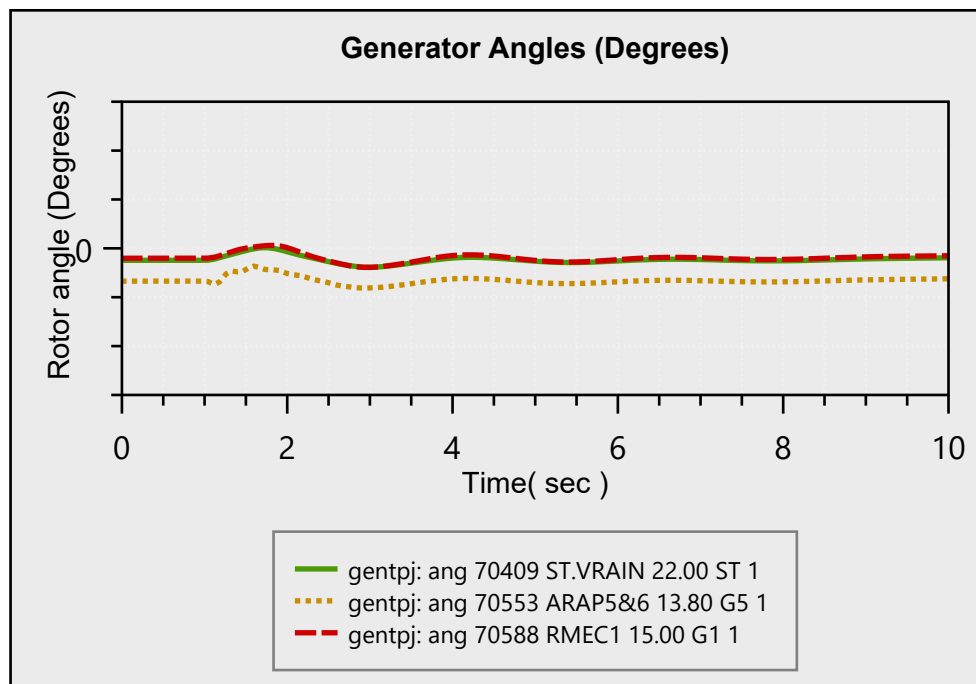
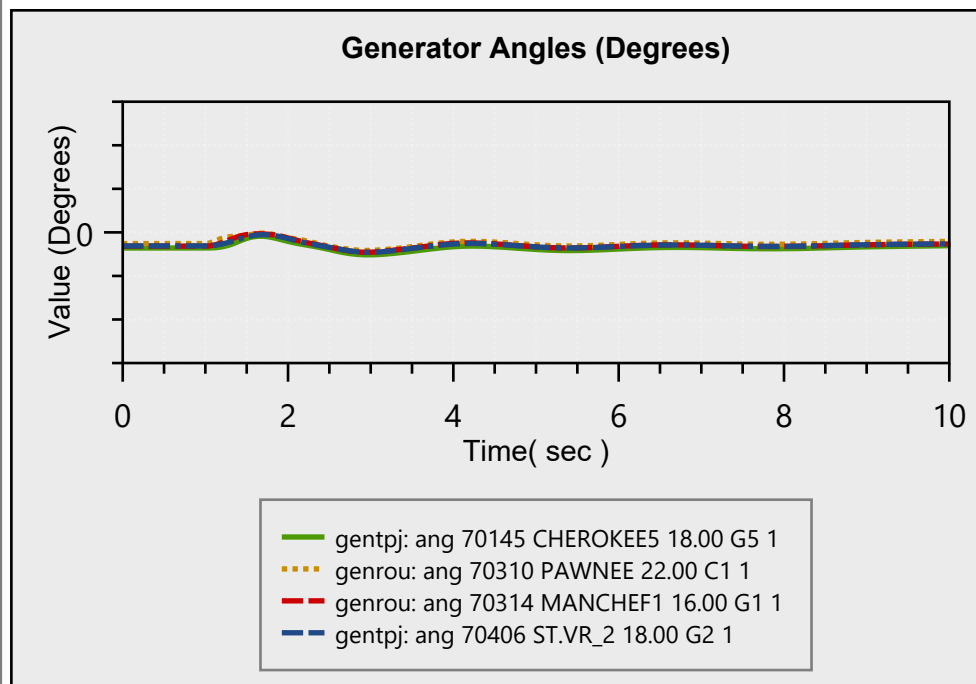
OUTPUTS



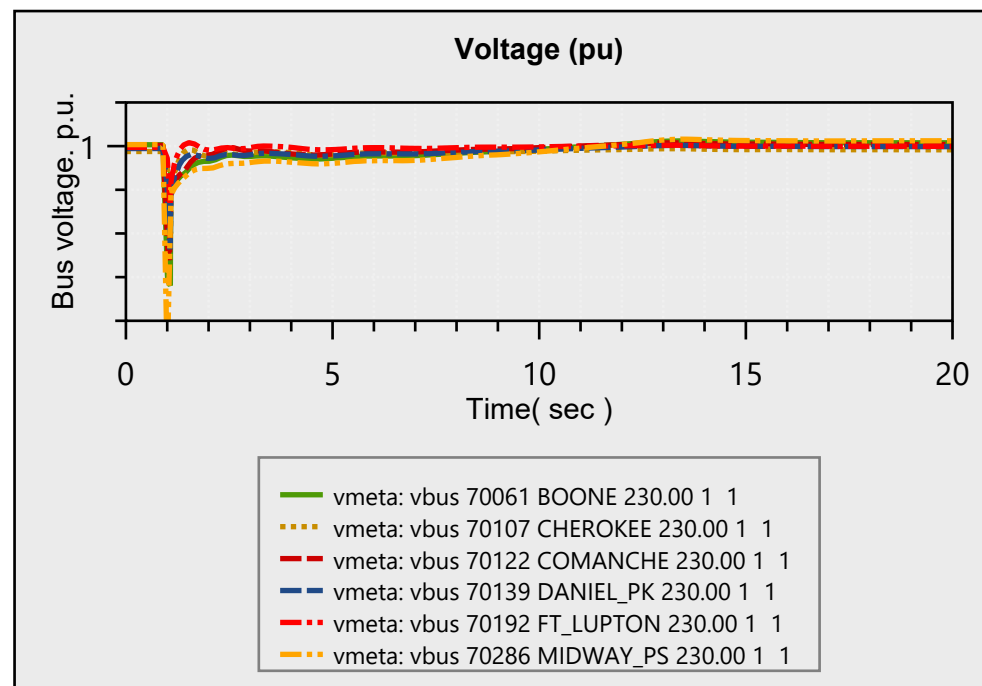
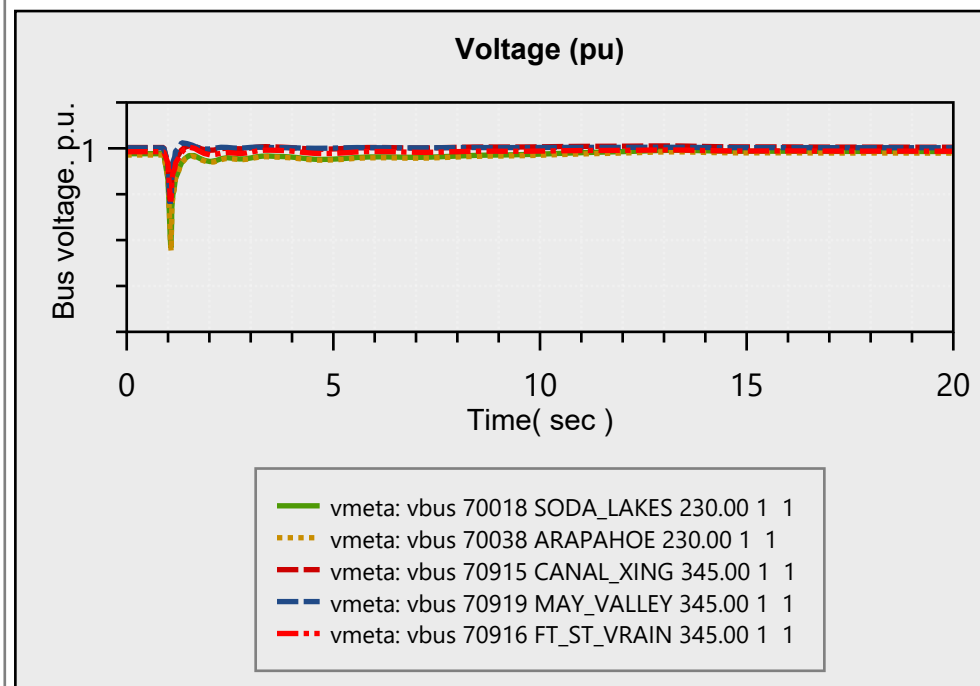
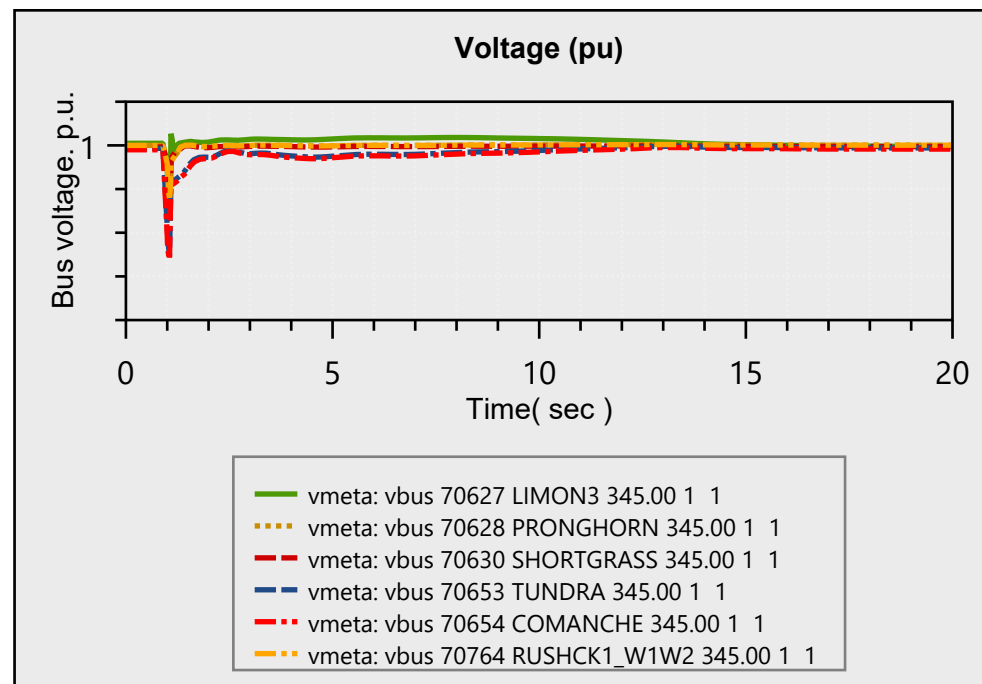
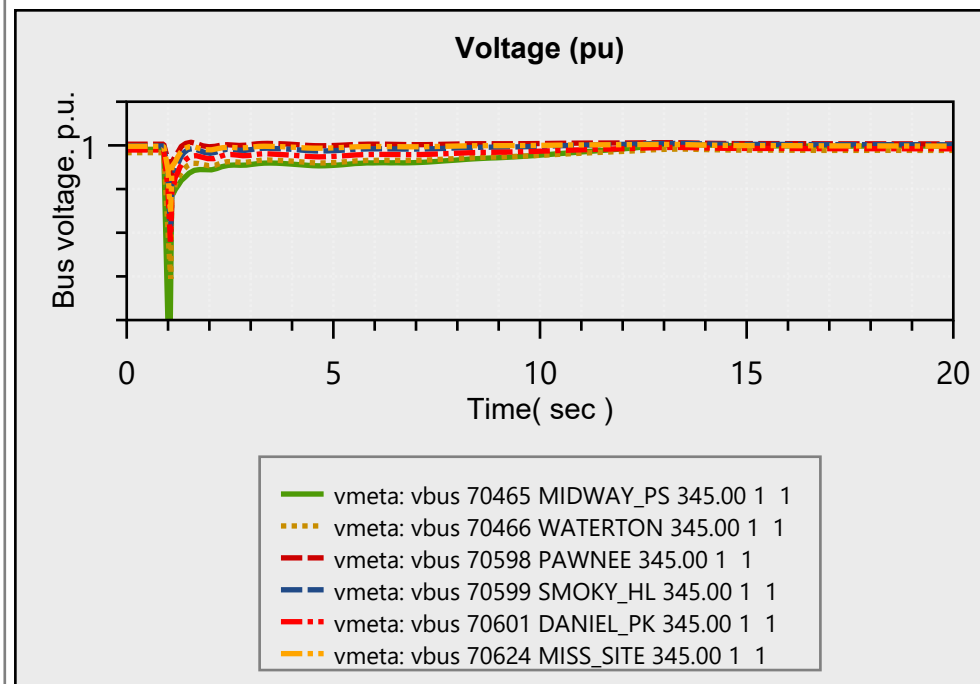
OUTPUTS



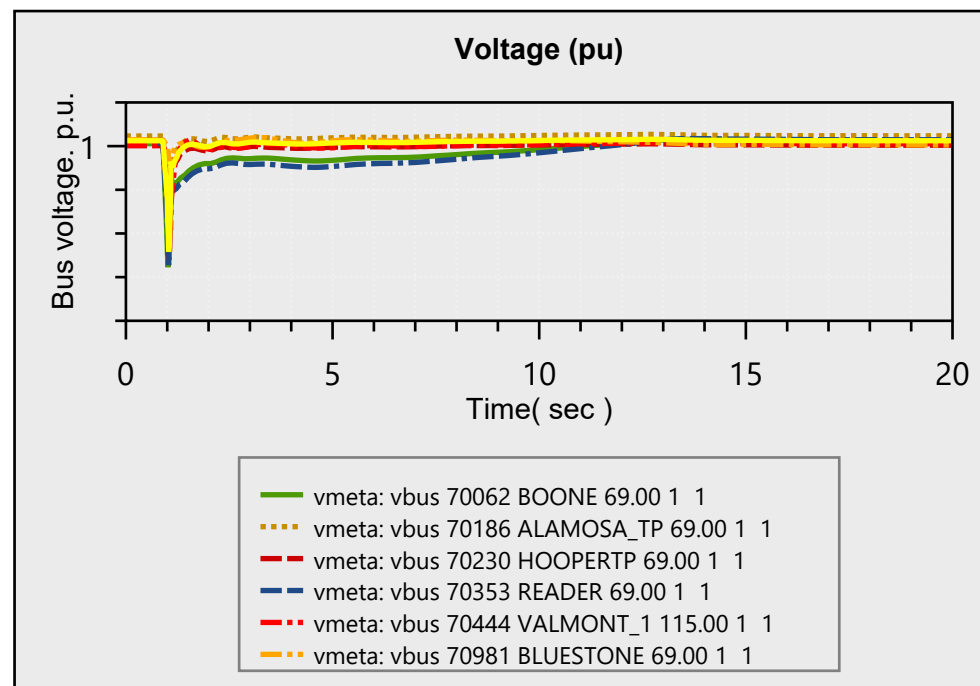
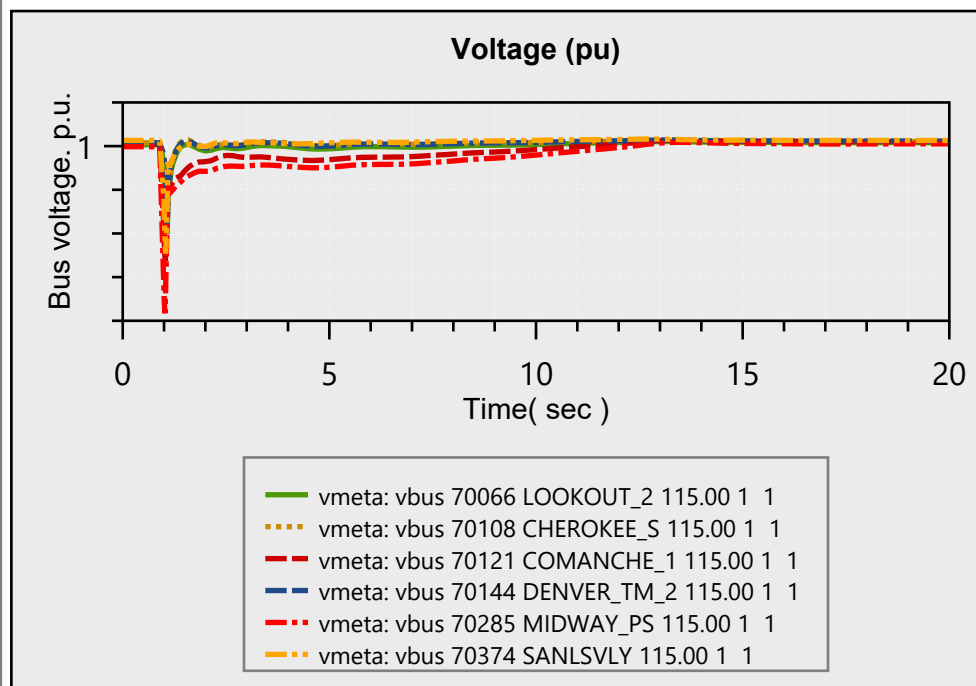
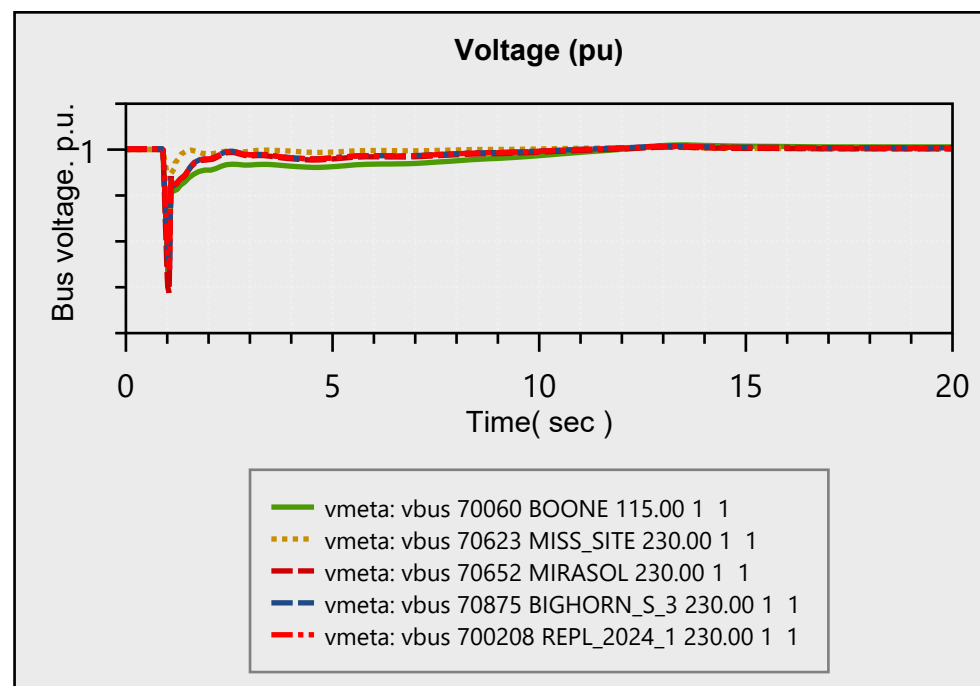
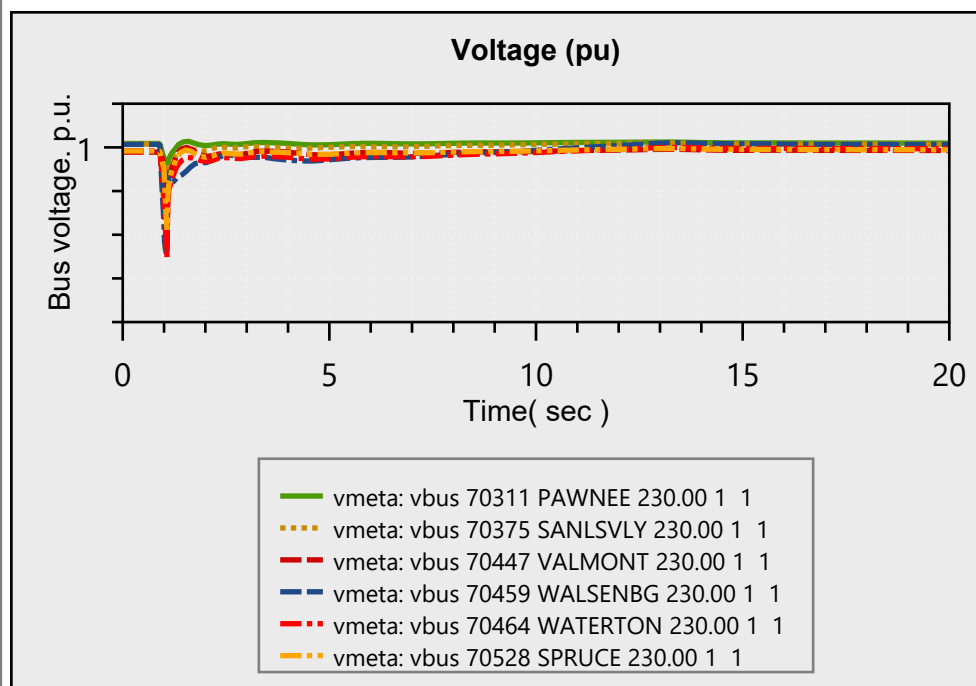
OUTPUTS



OUTPUTS

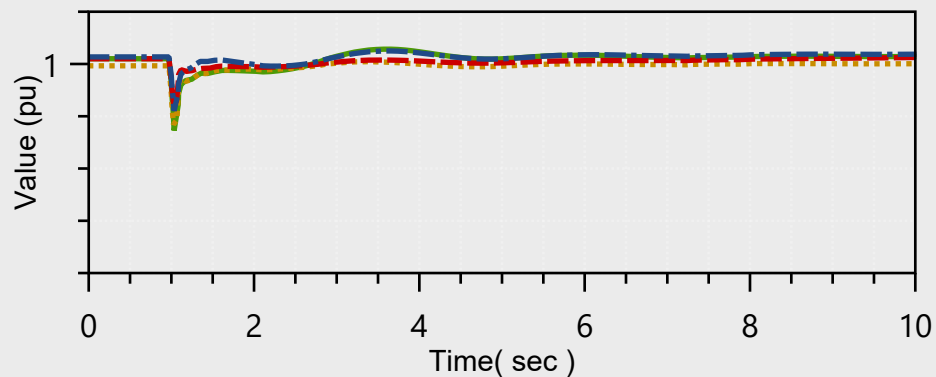


OUTPUTS



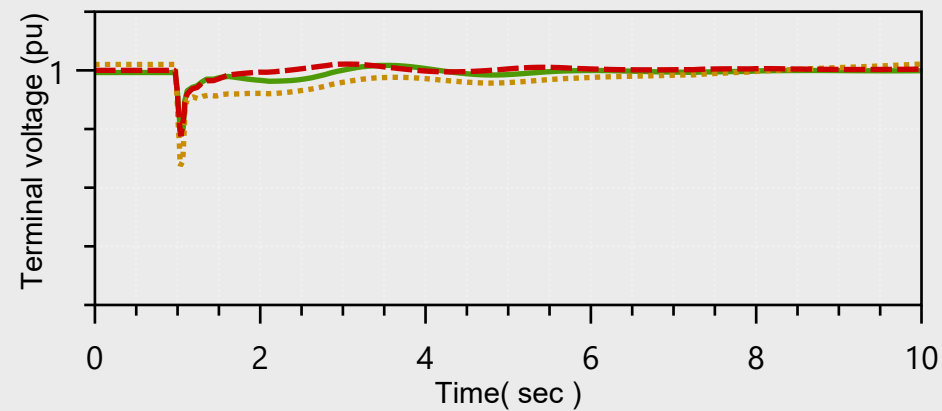
OUTPUTS

Generator Terminal Voltage (pu)



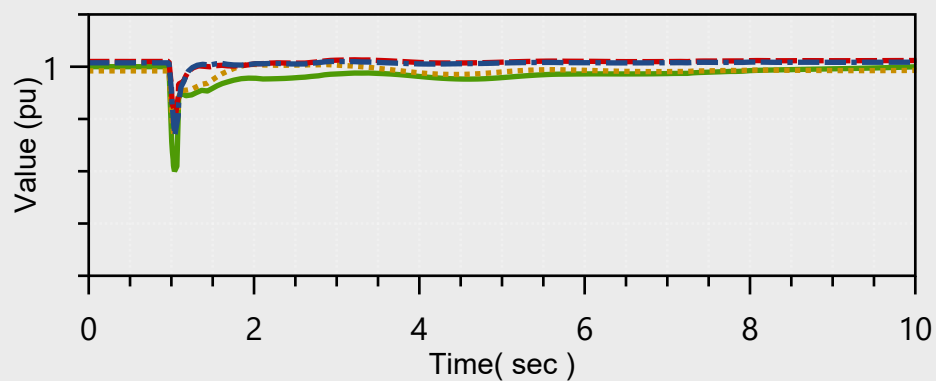
gentpj: vt 70145 CHEROKEE5 18.00 G5 1
 genrou: vt 70310 PAWNEE 22.00 C1 1
 genrou: vt 70314 MANCHEF1 16.00 G1 1
 gentpj: vt 70406 ST.VR_2 18.00 G2 1

Generator Terminal Voltage (pu)



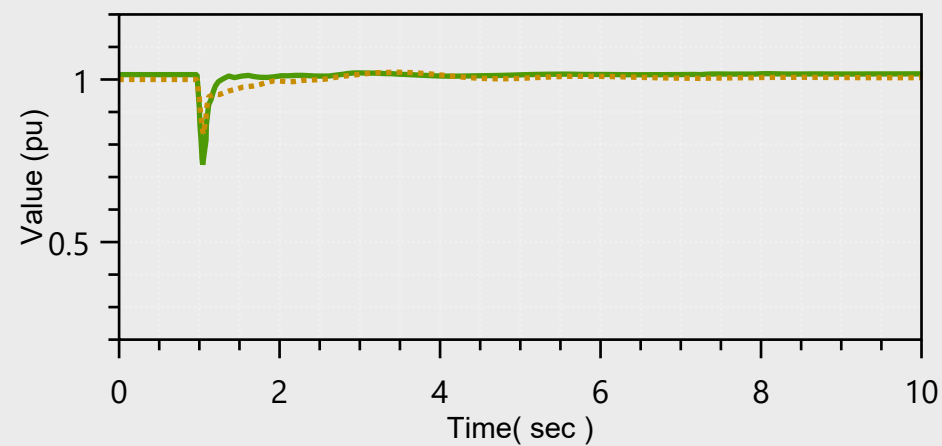
gentpj: vt 70409 ST.VRAIN 22.00 ST 1
 gentpj: vt 70553 ARAP5&6 13.80 G5 1
 gentpj: vt 70588 RMEC1 15.00 G1 1

Generator Terminal Voltage (pu)



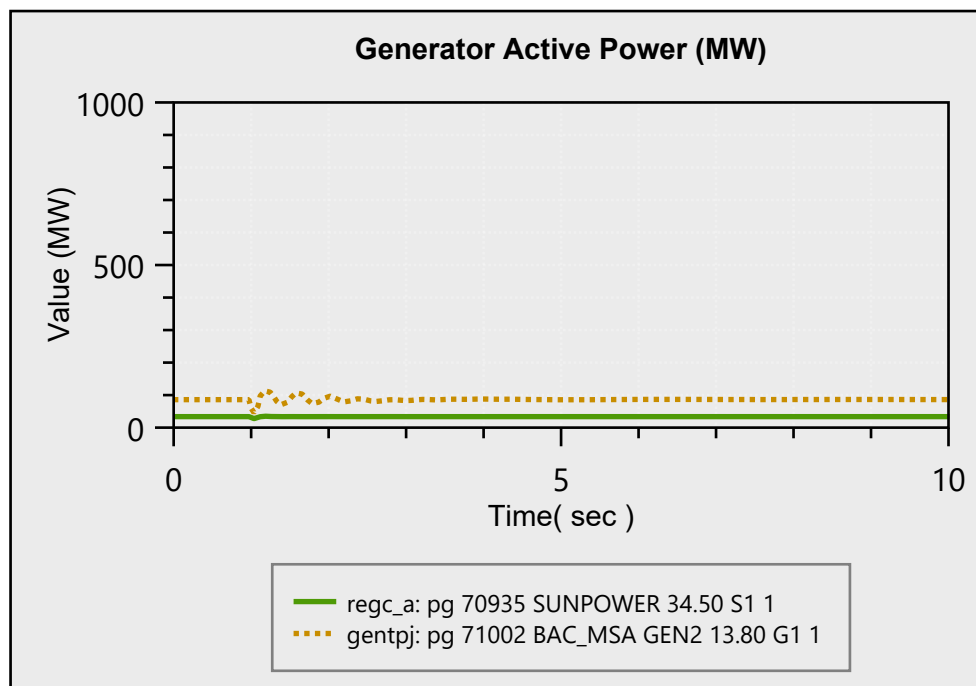
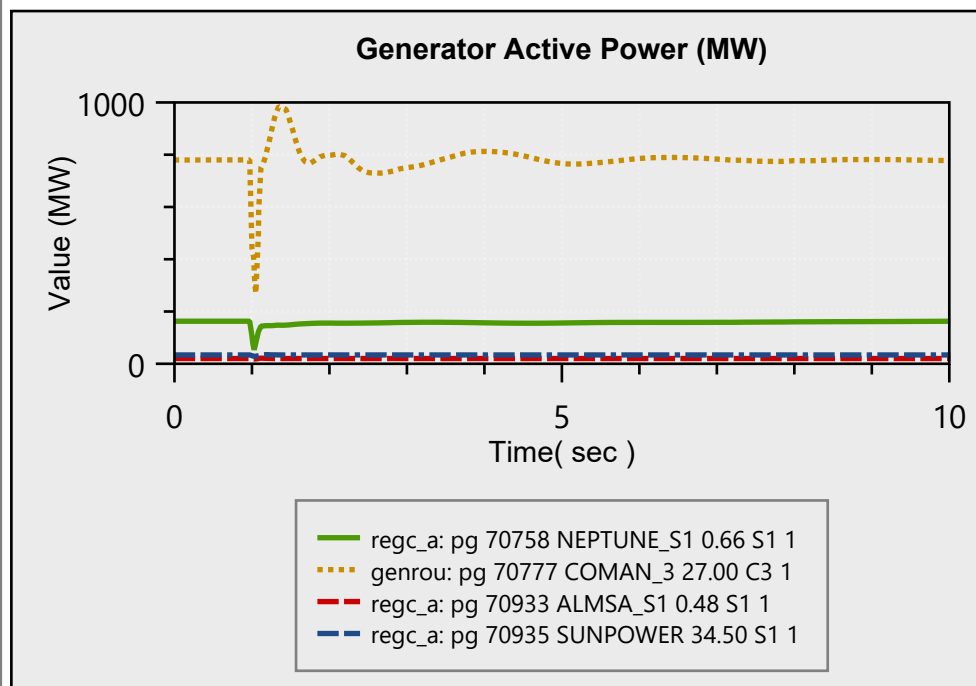
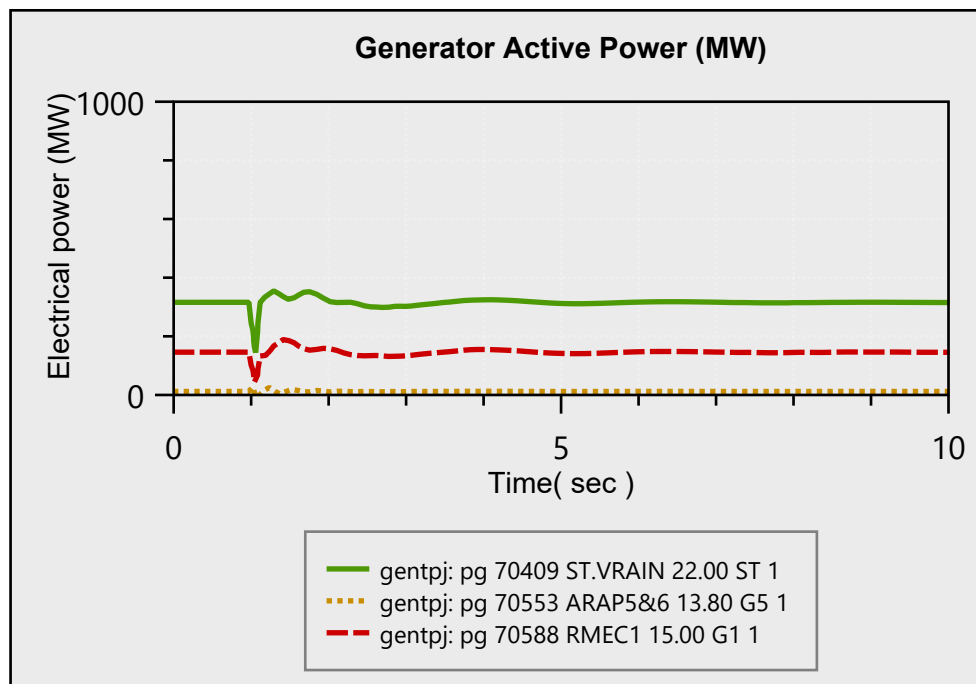
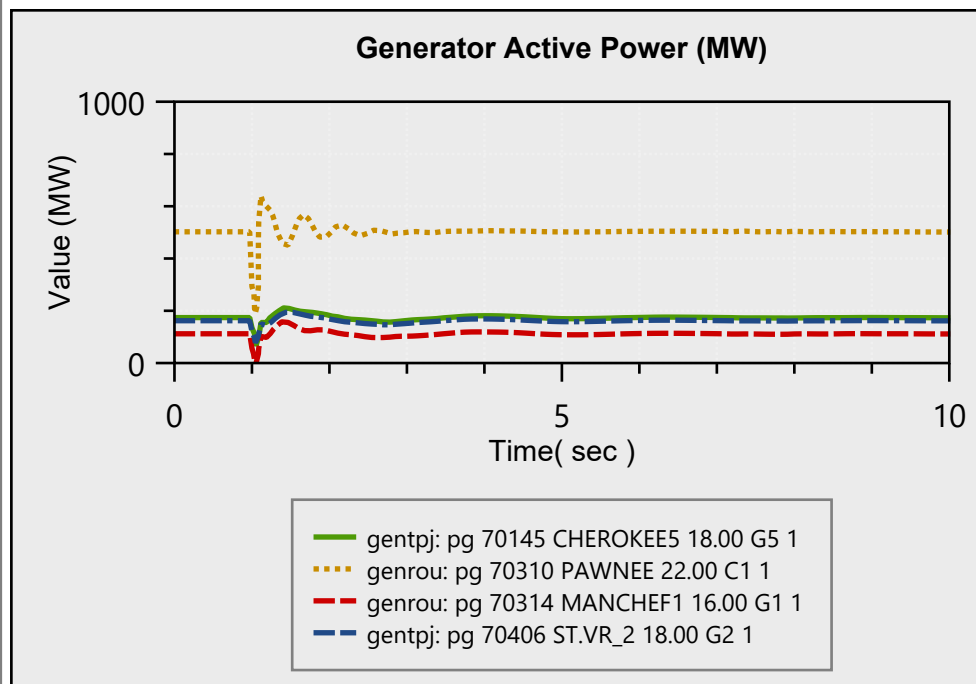
regc_a: vt 70758 NEPTUNE_S1 0.66 S1 1
 genrou: vt 70777 COMAN_3 27.00 C3 1
 regc_a: vt 70933 ALMSA_S1 0.48 S1 1
 regc_a: vt 70935 SUNPOWER 34.50 S1 1

Generator Terminal Voltage (pu)

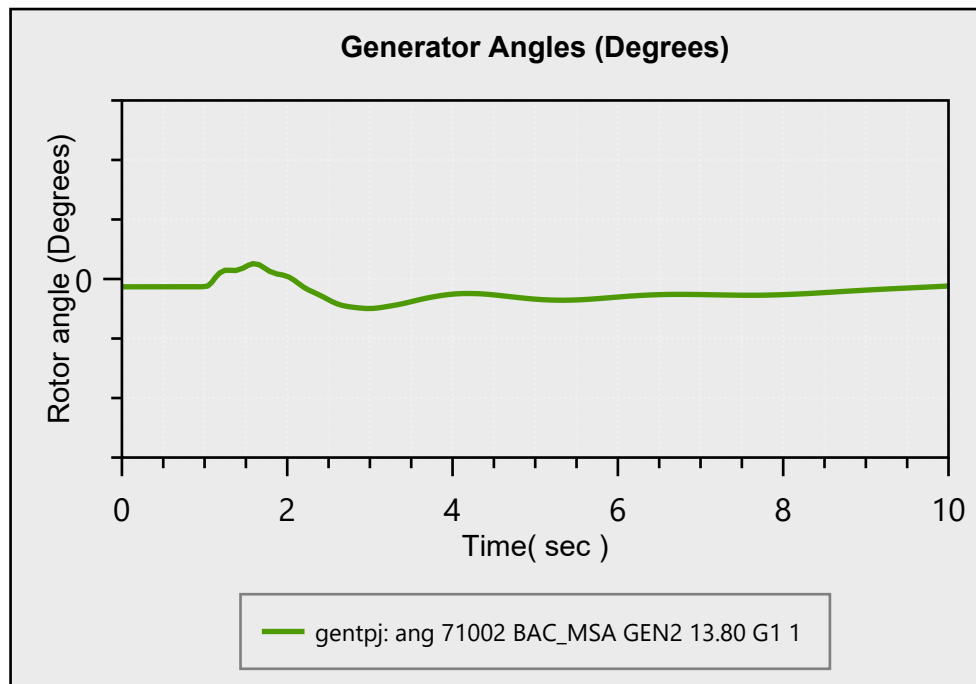
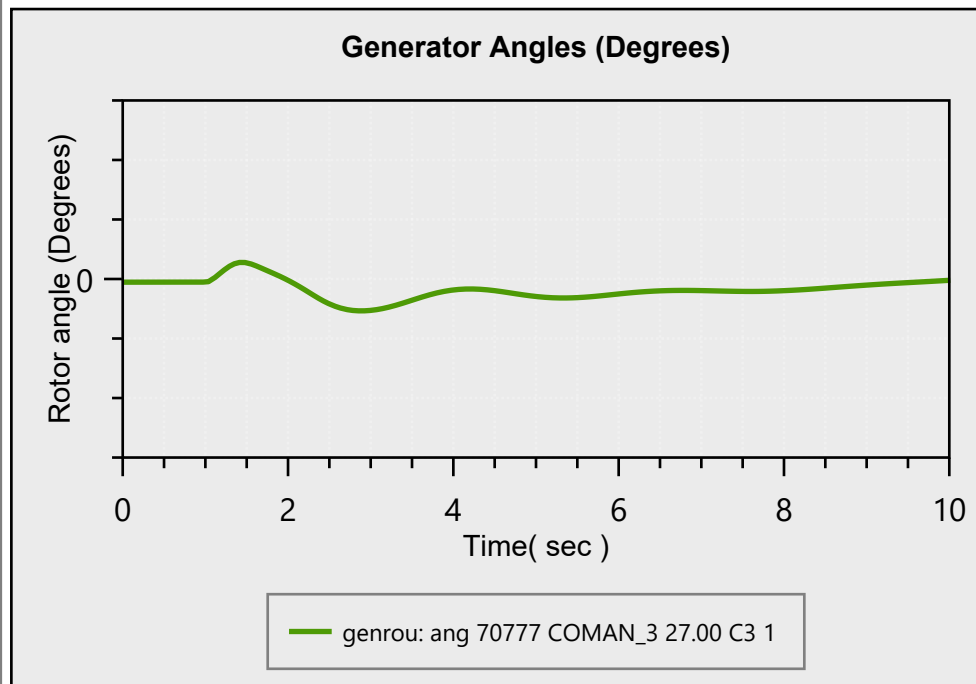
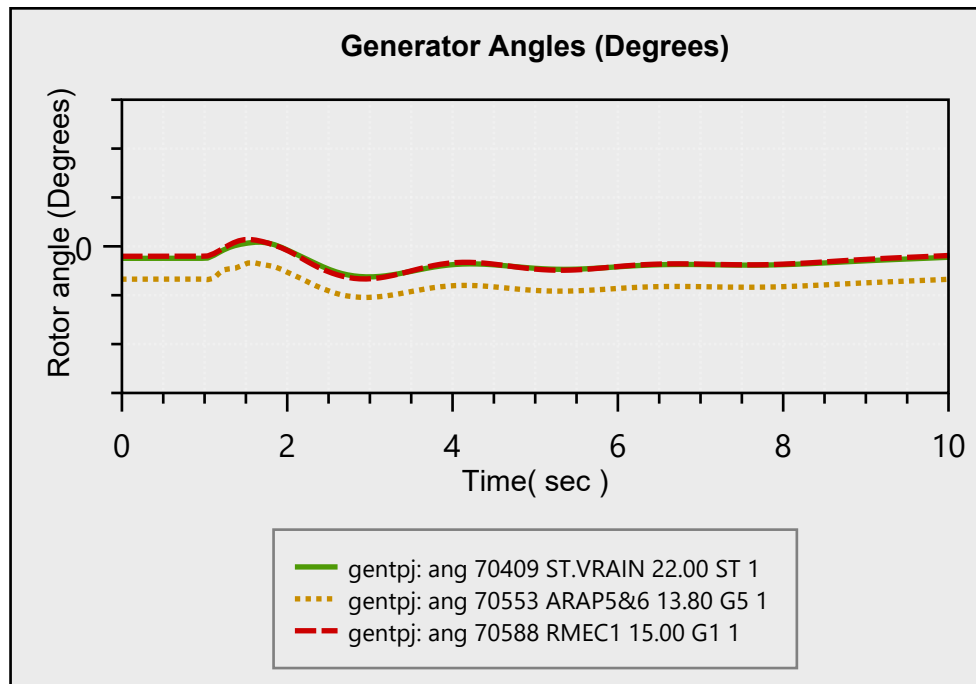
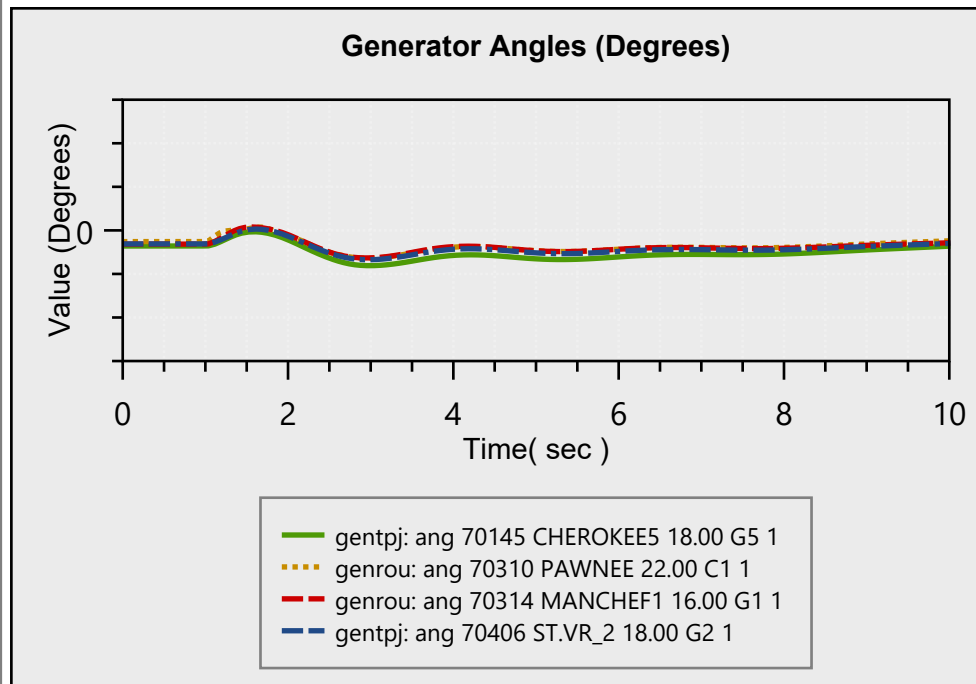


regc_a: vt 70935 SUNPOWER 34.50 S1 1
 gentpj: vt 71002 BAC_MSA GEN2 13.80 G1 1

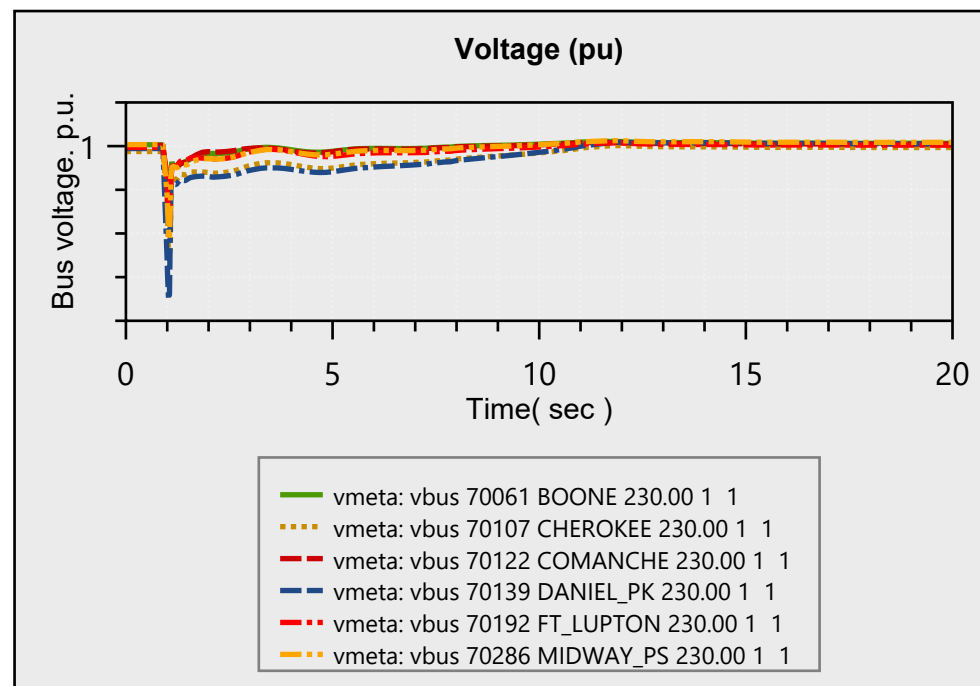
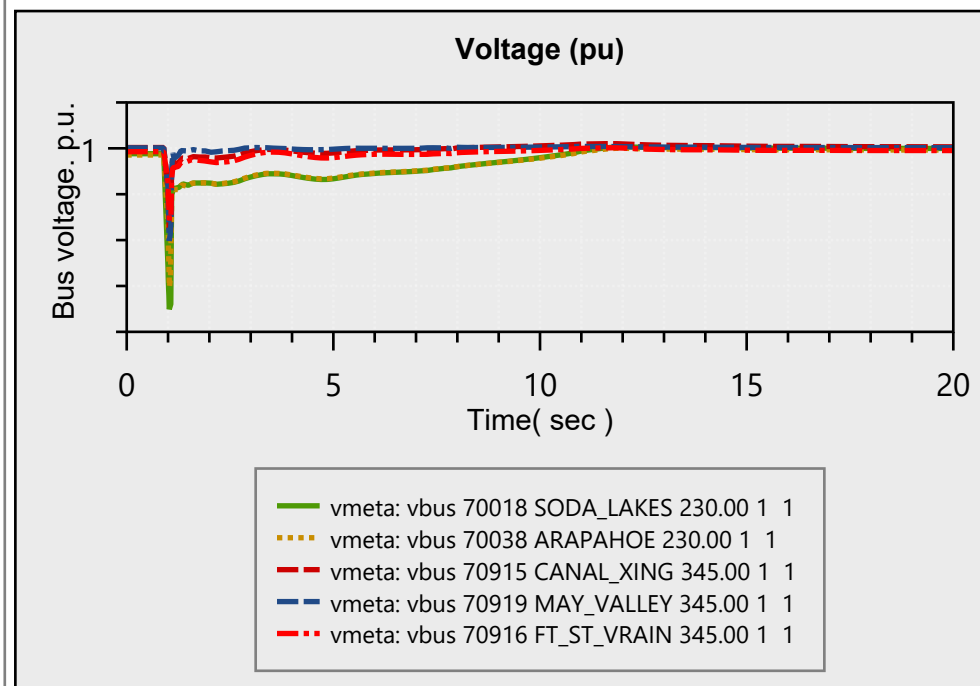
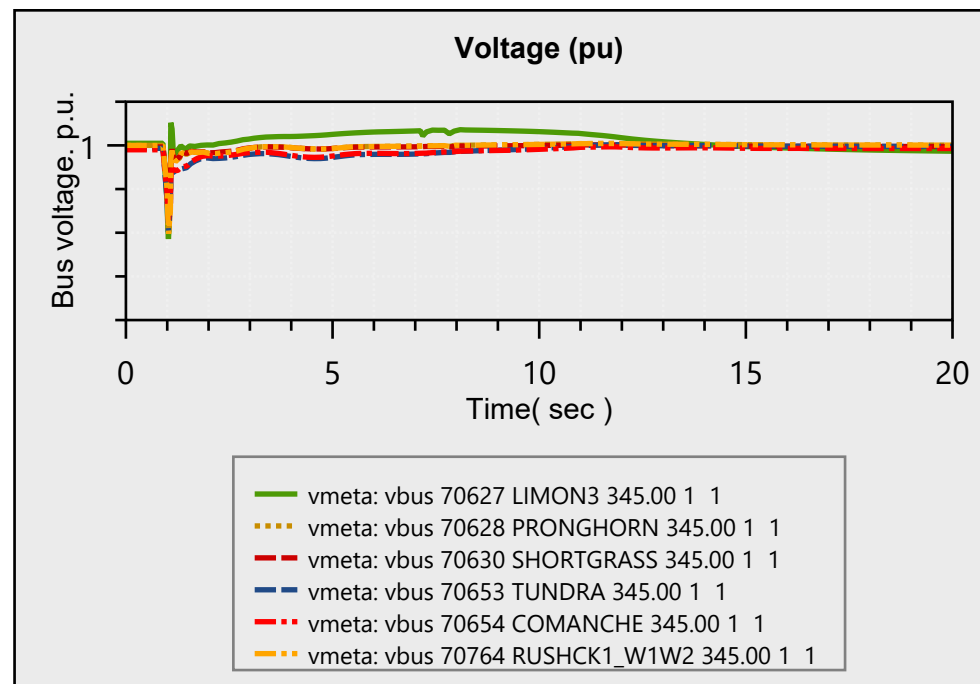
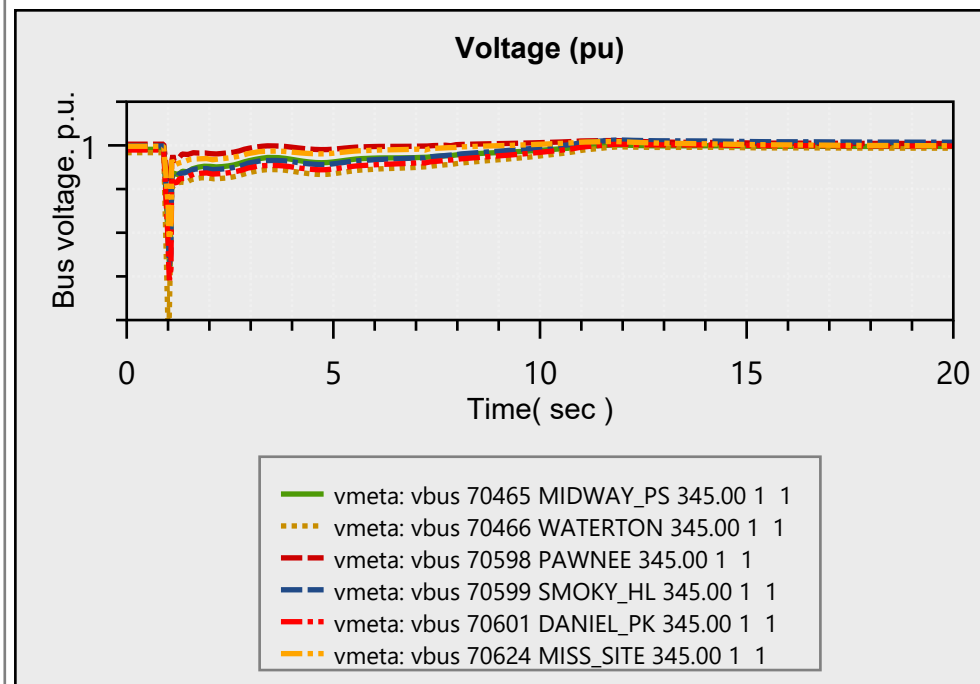
OUTPUTS



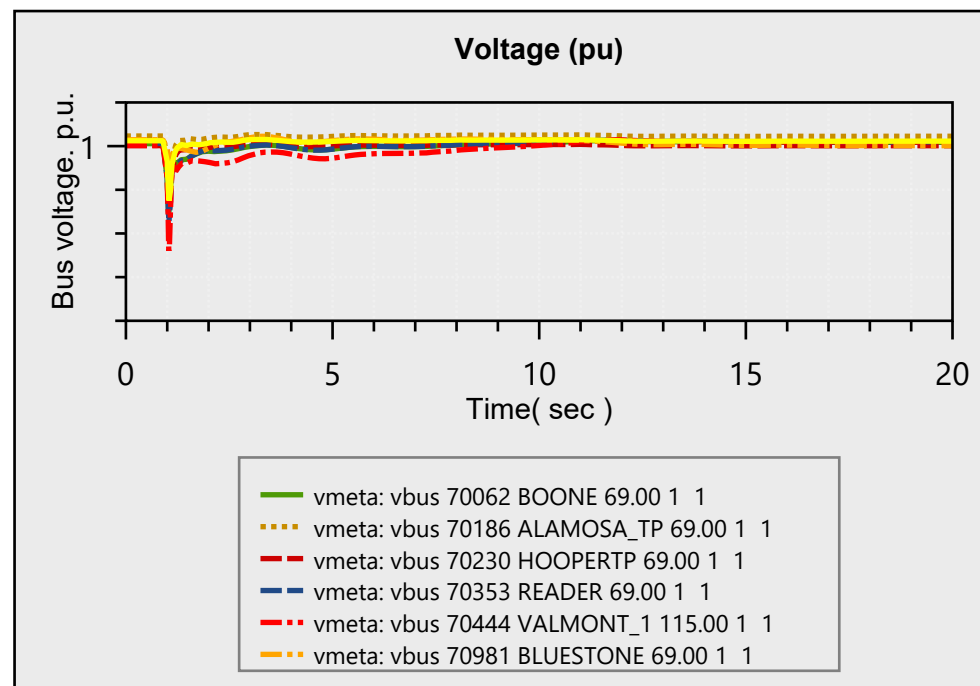
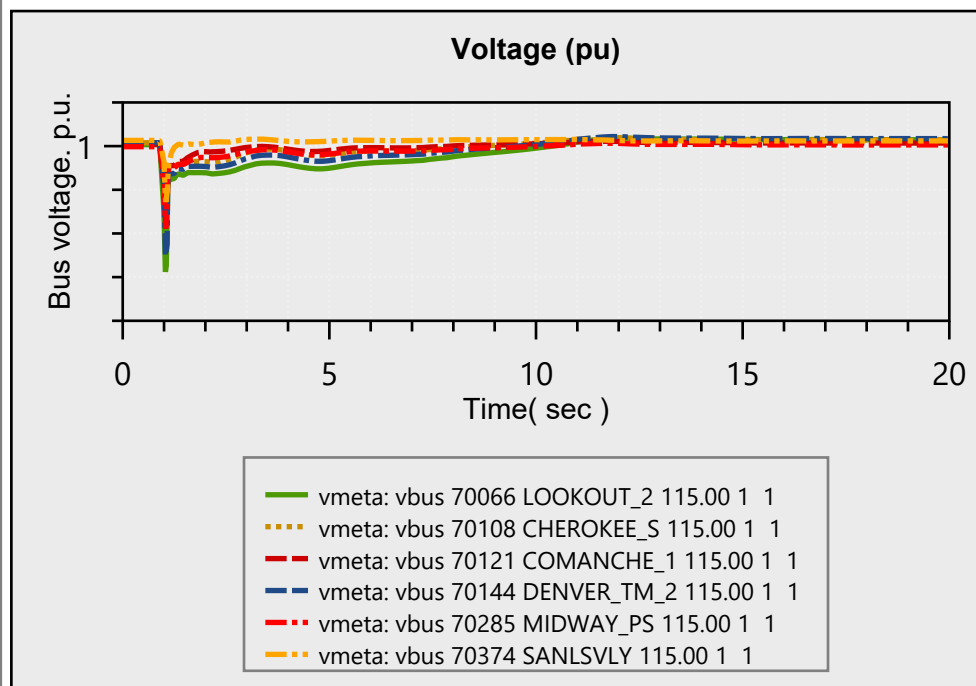
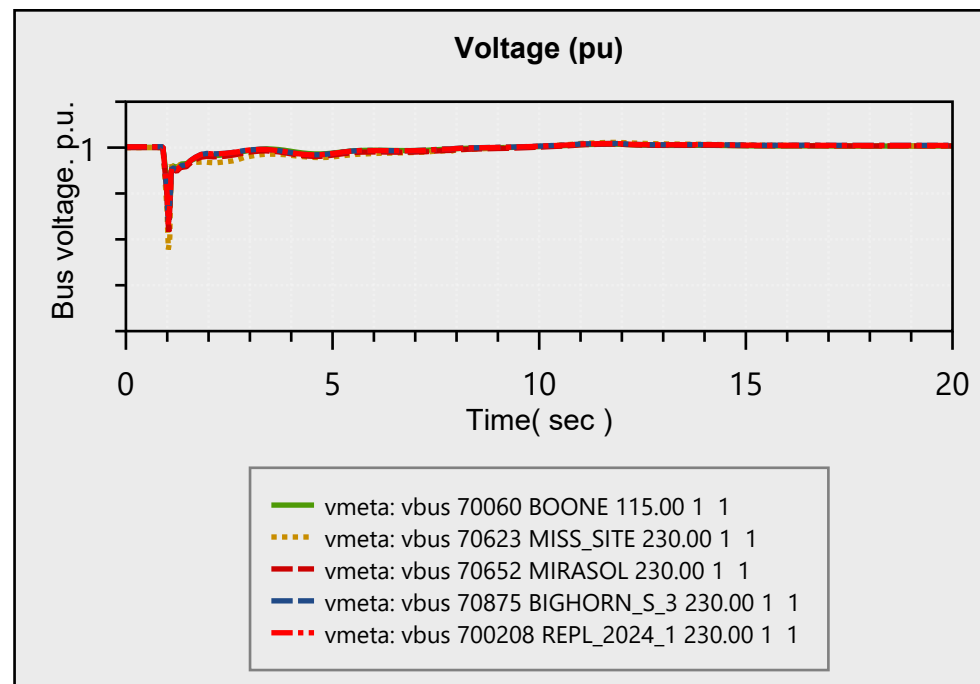
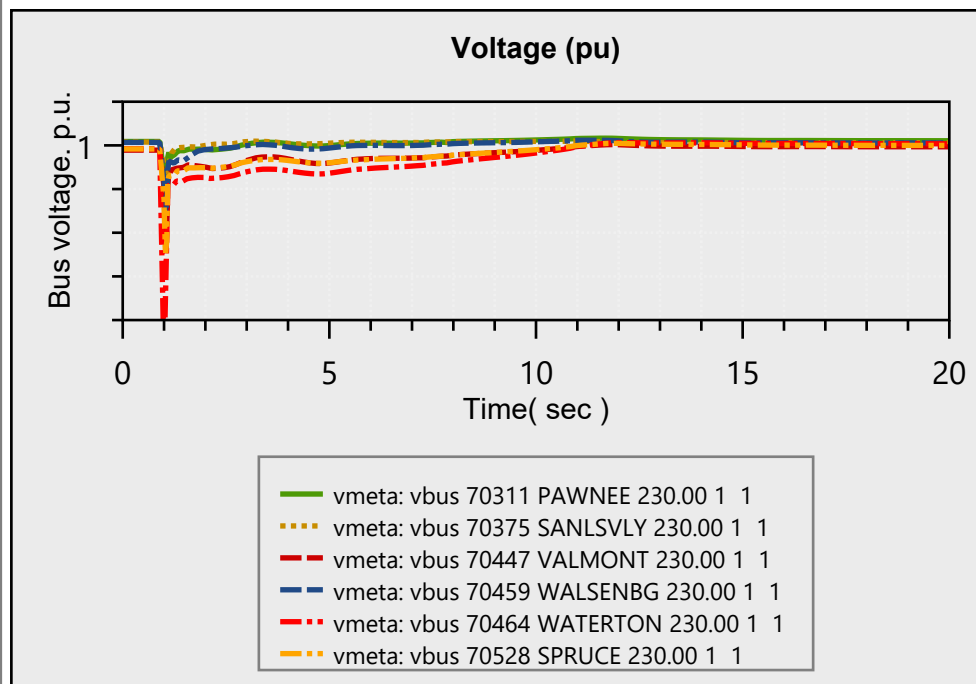
OUTPUTS



OUTPUTS

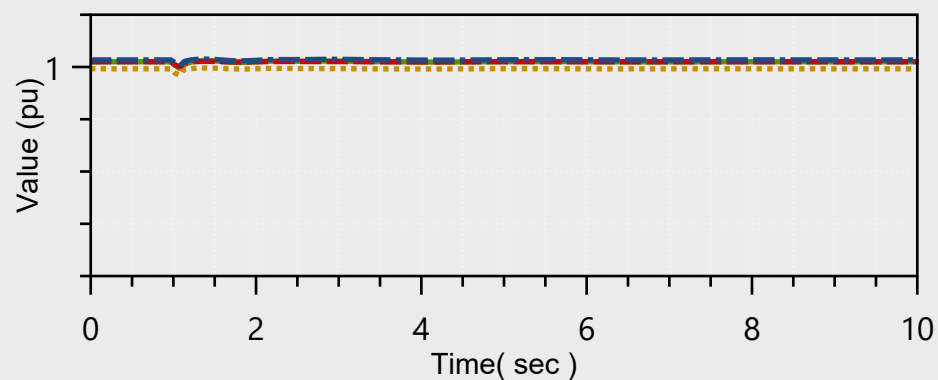


OUTPUTS

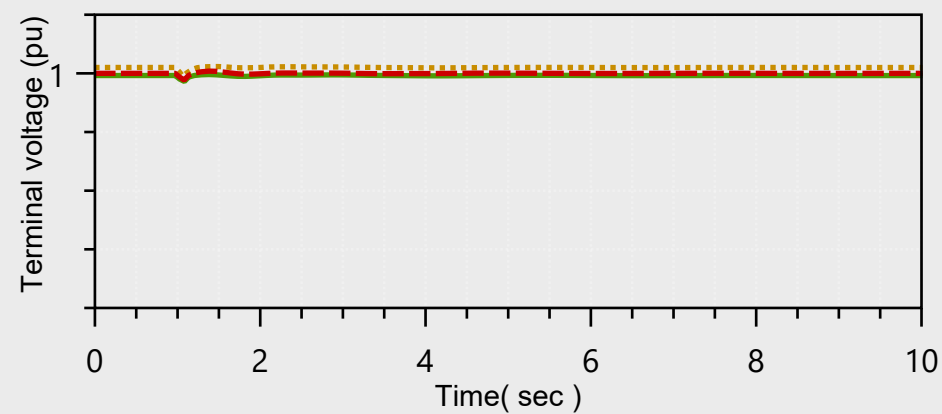


OUTPUTS

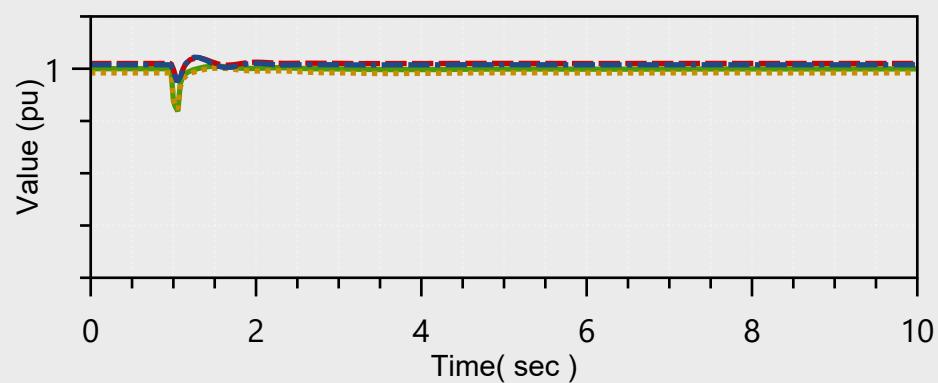
Generator Terminal Voltage (pu)



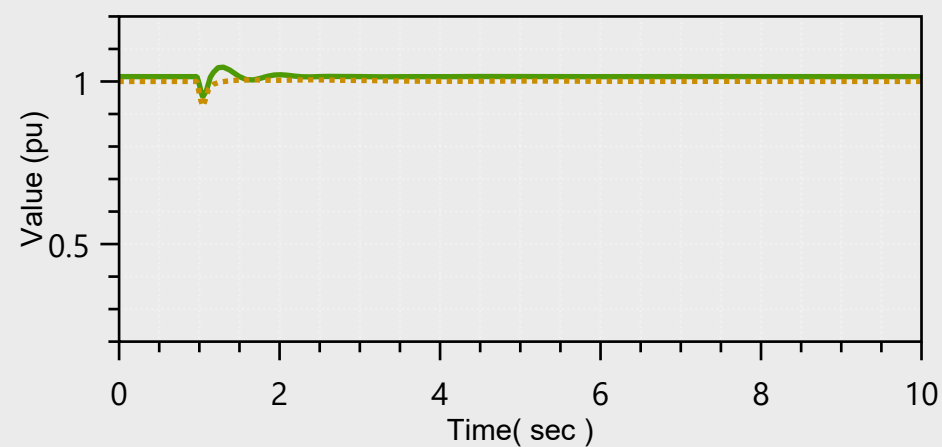
Generator Terminal Voltage (pu)



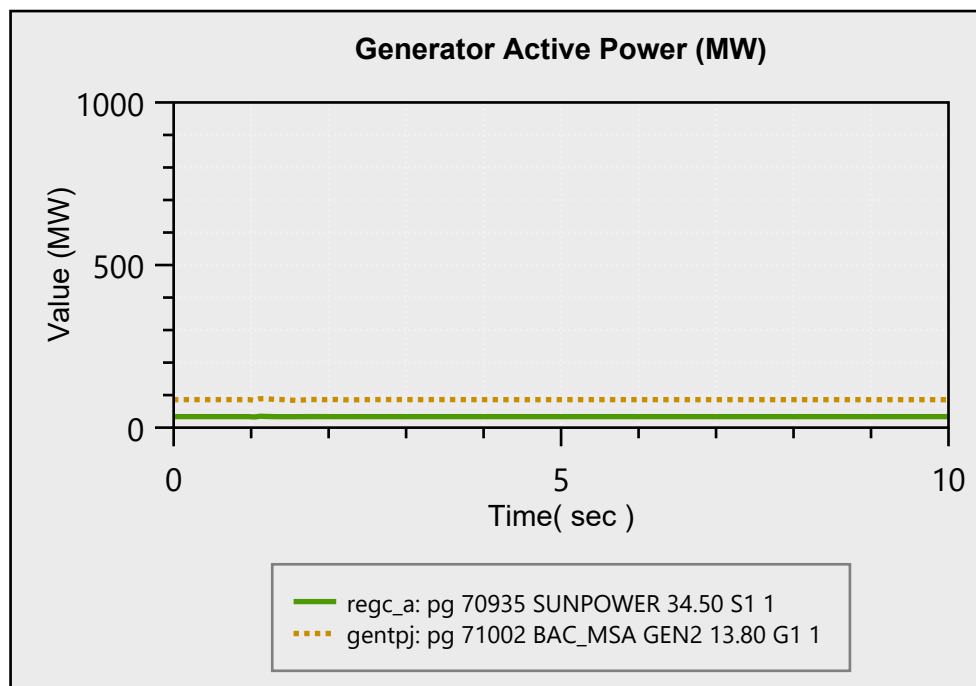
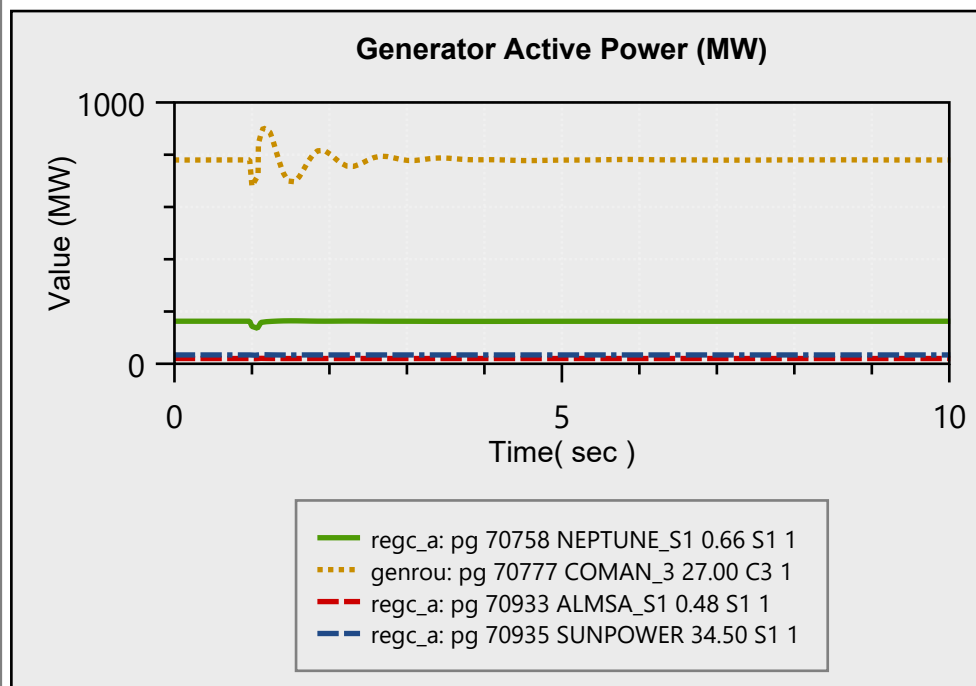
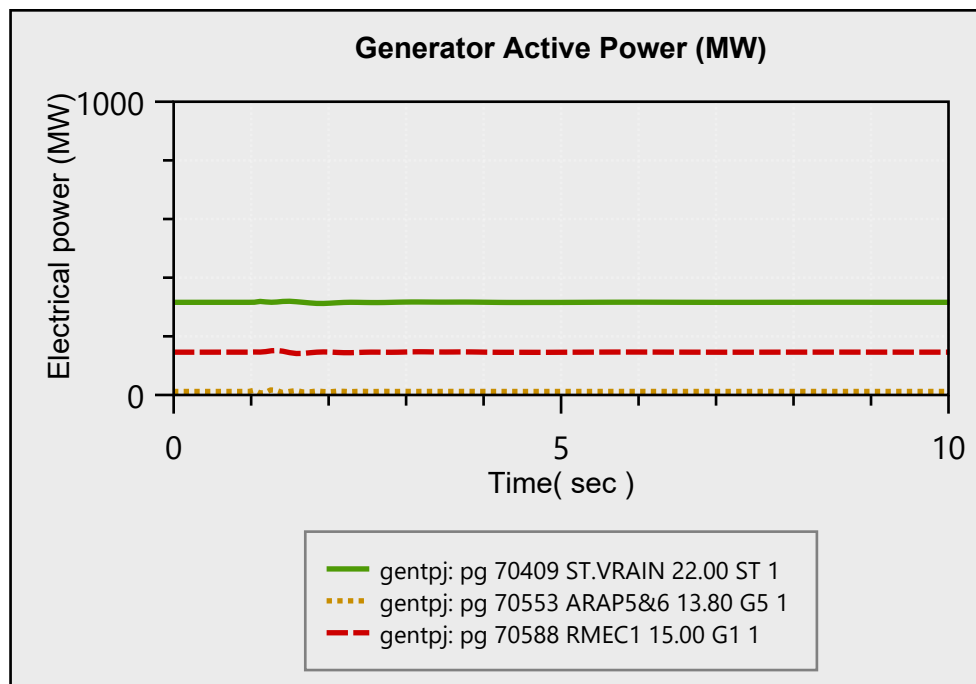
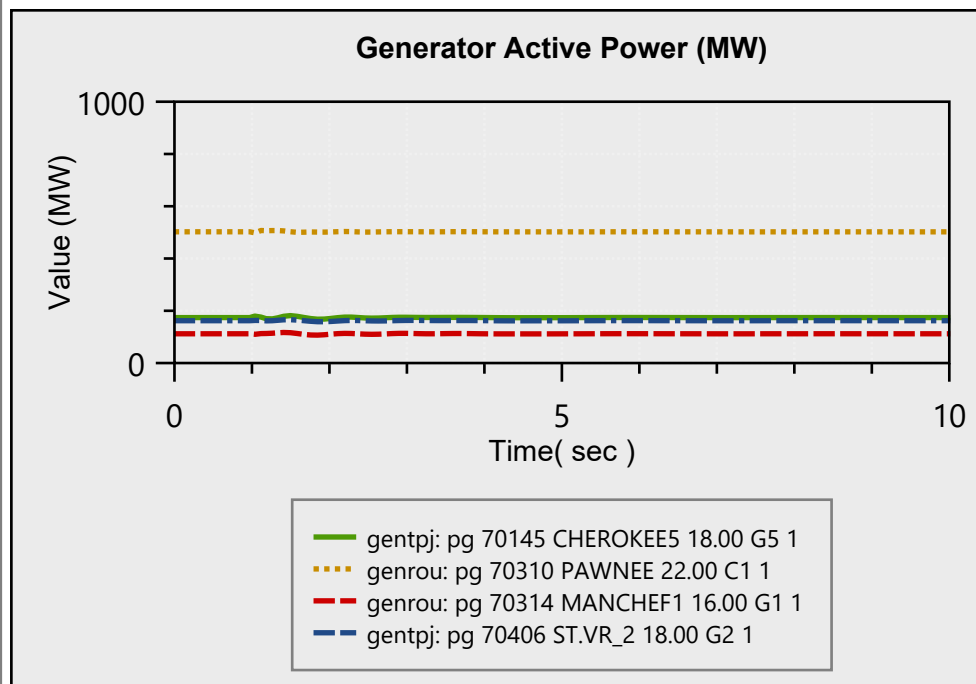
Generator Terminal Voltage (pu)



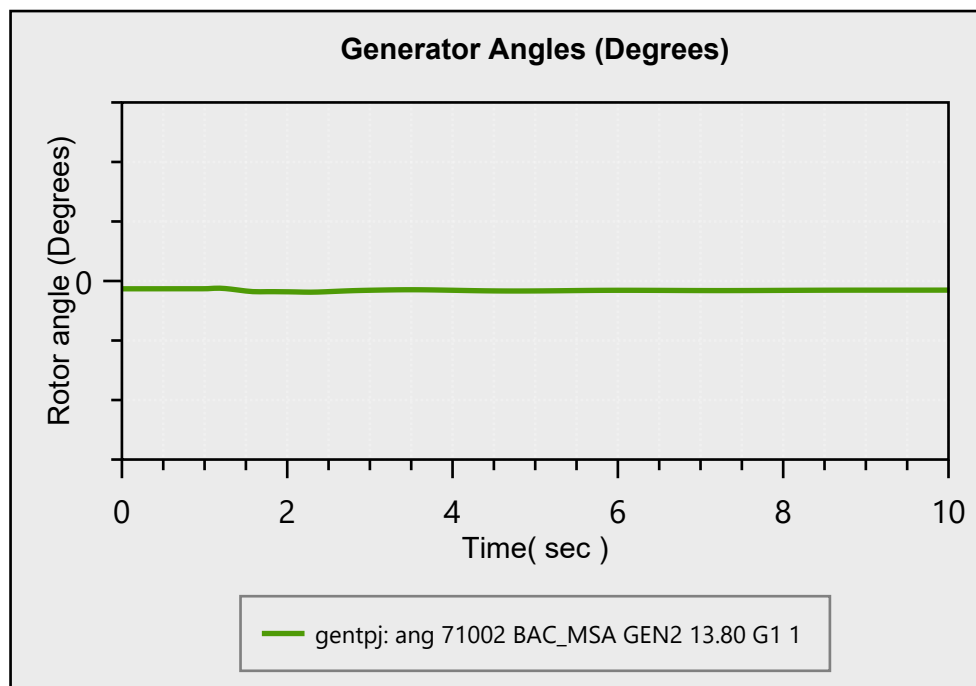
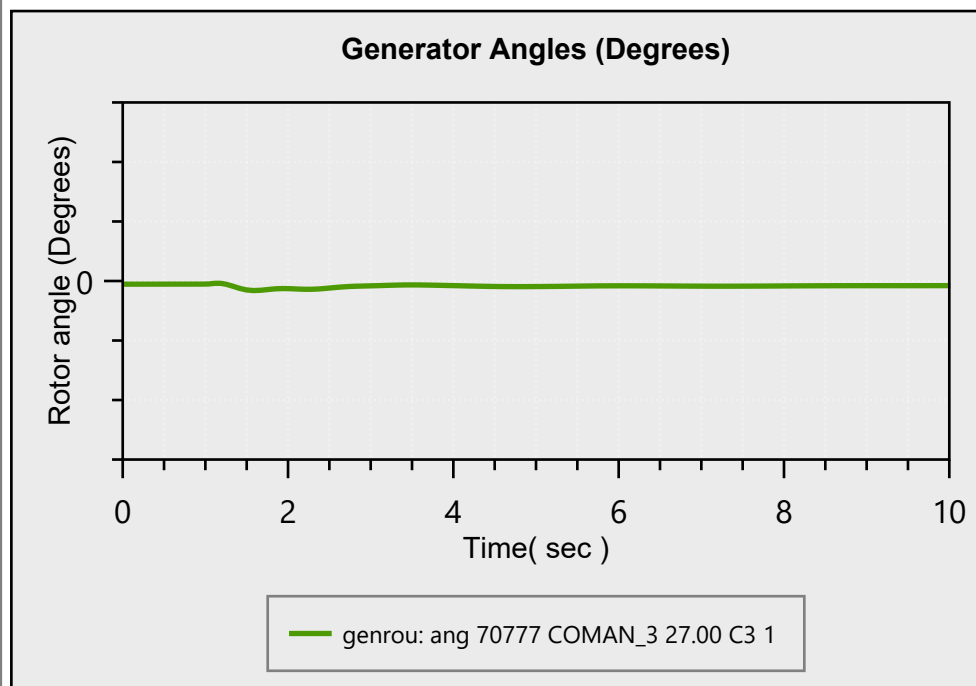
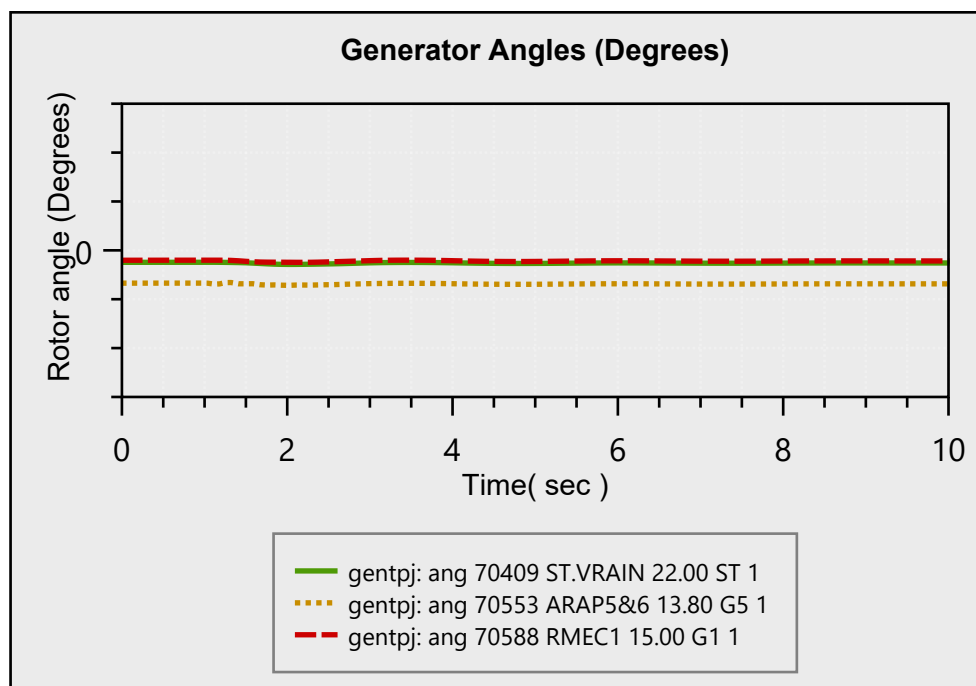
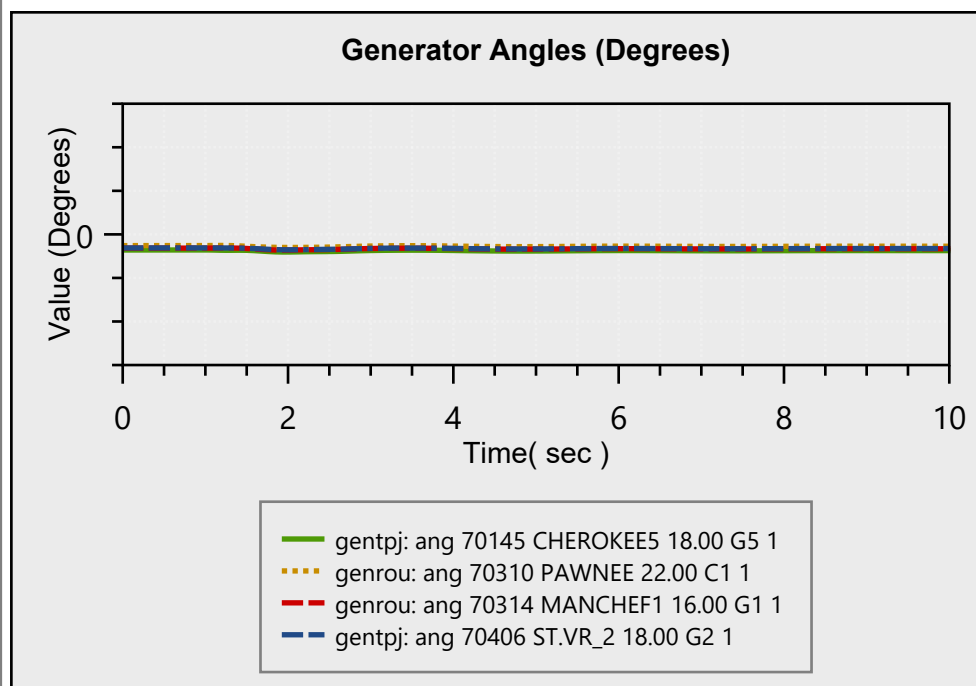
Generator Terminal Voltage (pu)



OUTPUTS

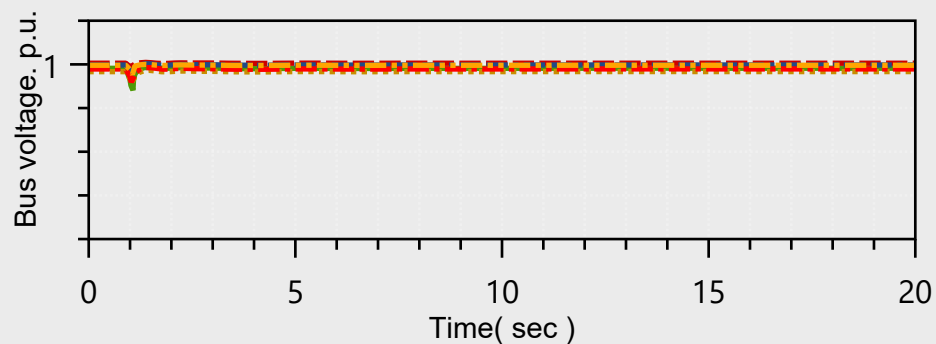


OUTPUTS



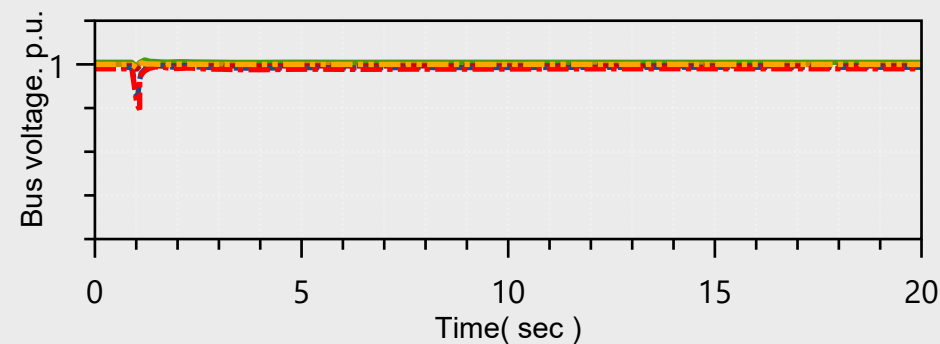
OUTPUTS

Voltage (pu)



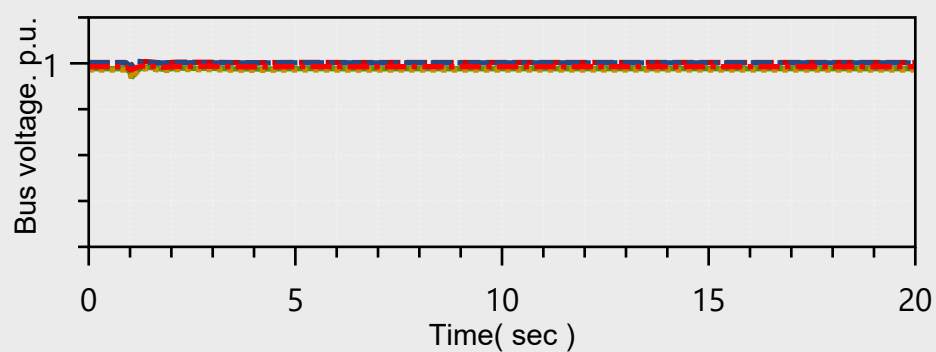
— vmeta: vbus 70465 MIDWAY_PS 345.00 1 1
- - - vmeta: vbus 70466 WATERTON 345.00 1 1
- - - vmeta: vbus 70598 PAWNEE 345.00 1 1
- - - vmeta: vbus 70599 SMOKY_HL 345.00 1 1
- - - vmeta: vbus 70601 DANIEL_PK 345.00 1 1
- - - vmeta: vbus 70624 MISS_SITE 345.00 1 1

Voltage (pu)



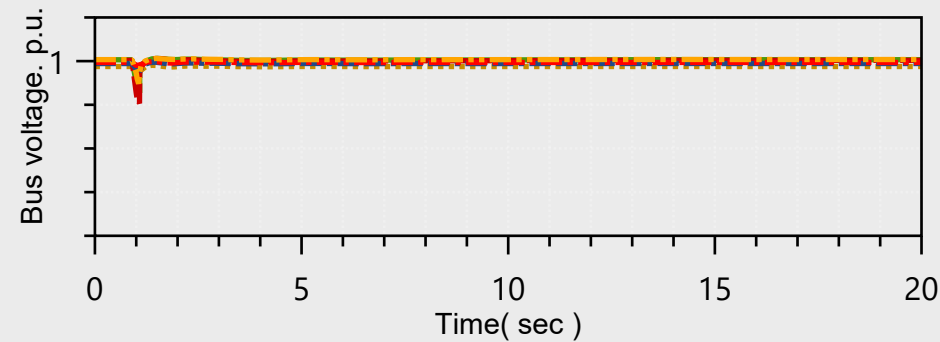
— vmeta: vbus 70627 LIMON3 345.00 1 1
- - - vmeta: vbus 70628 PRONGHORN 345.00 1 1
- - - vmeta: vbus 70630 SHORTGRASS 345.00 1 1
- - - vmeta: vbus 70653 TUNDRA 345.00 1 1
- - - vmeta: vbus 70654 COMANCHE 345.00 1 1
- - - vmeta: vbus 70764 RUSHCK1_W1W2 345.00 1 1

Voltage (pu)



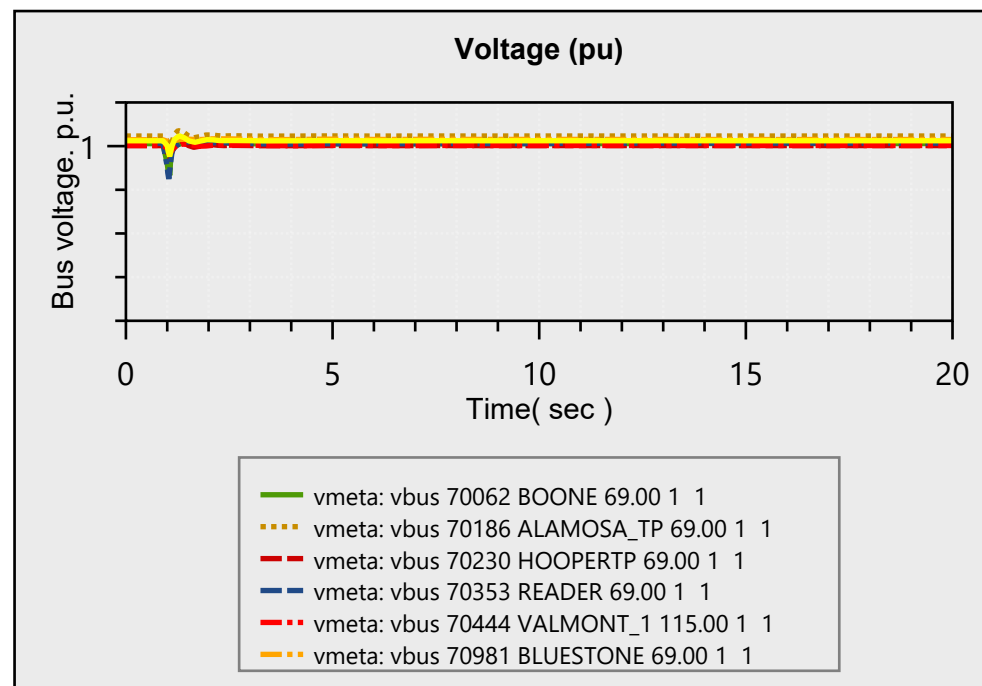
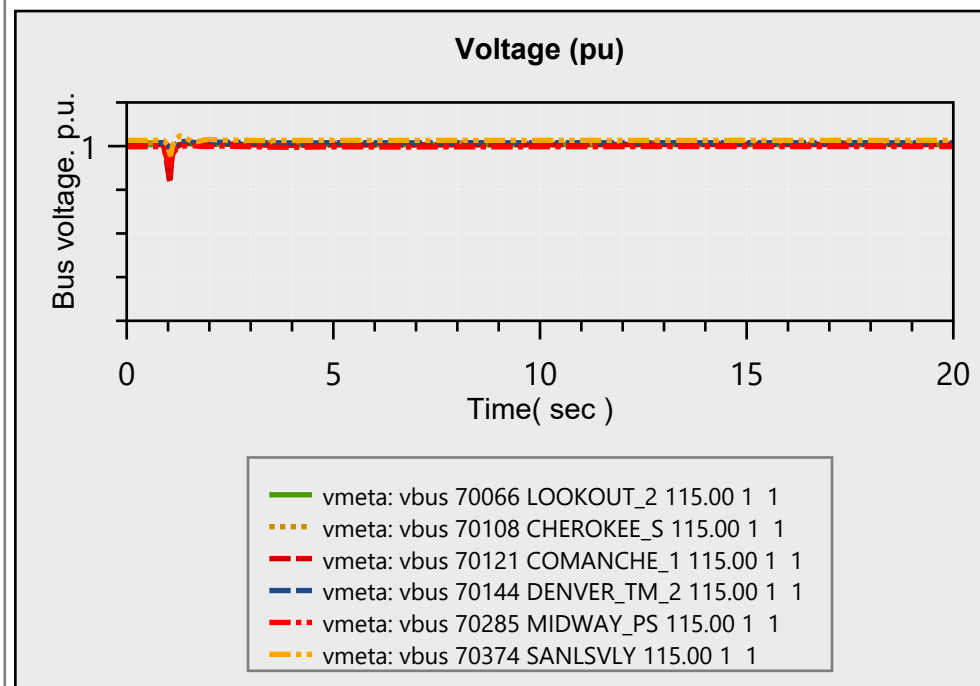
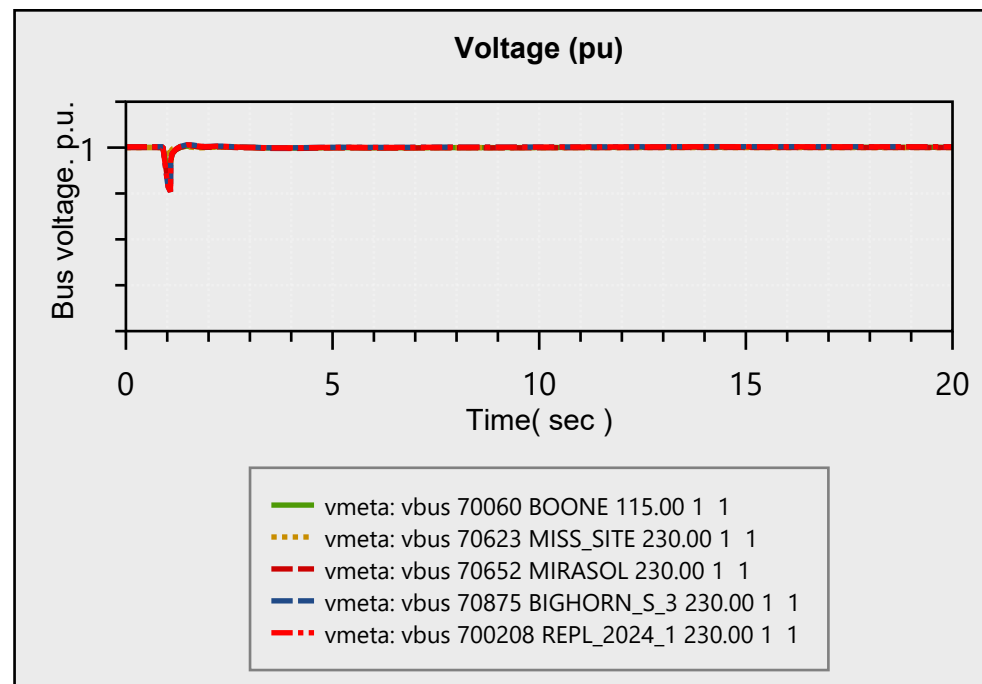
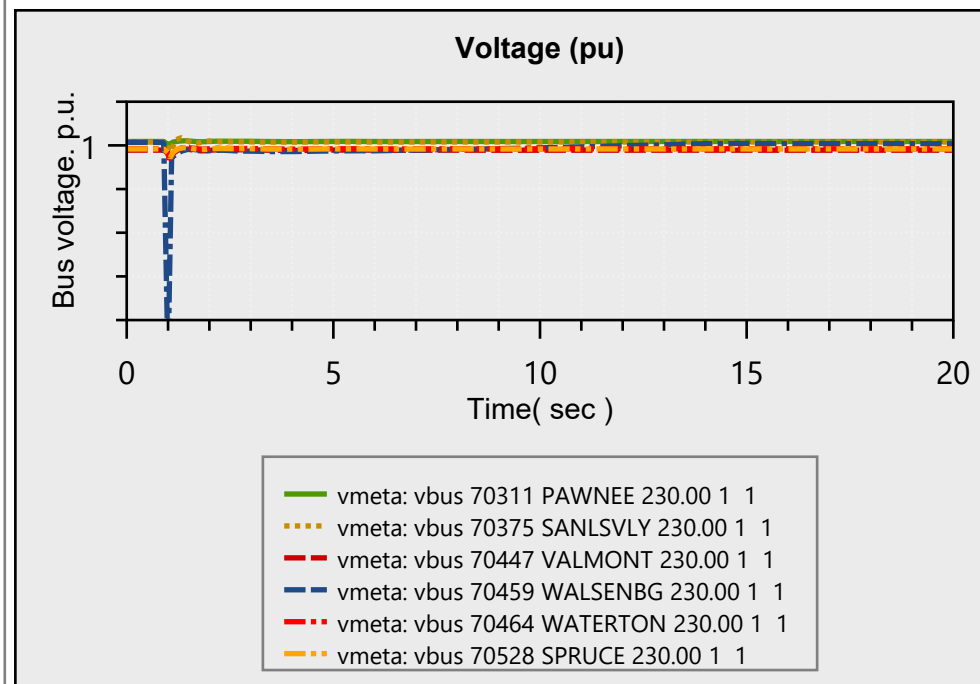
— vmeta: vbus 70018 SODA_LAKES 230.00 1 1
- - - vmeta: vbus 70038 ARAPAHOE 230.00 1 1
- - - vmeta: vbus 70915 CANAL_XING 345.00 1 1
- - - vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
- - - vmeta: vbus 70916 FT_ST_VRAIN 345.00 1 1

Voltage (pu)

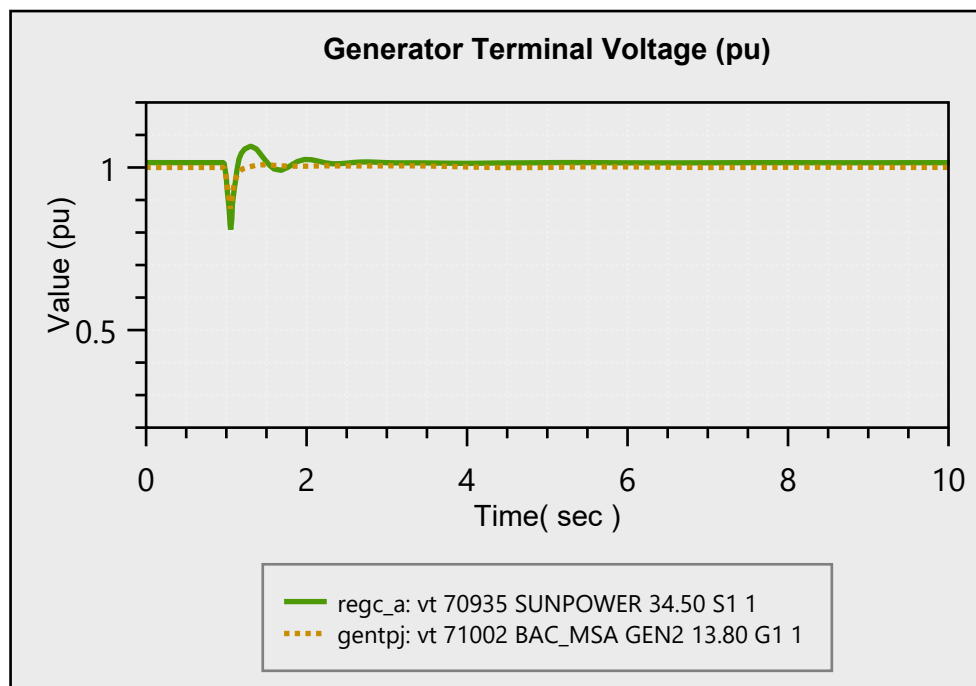
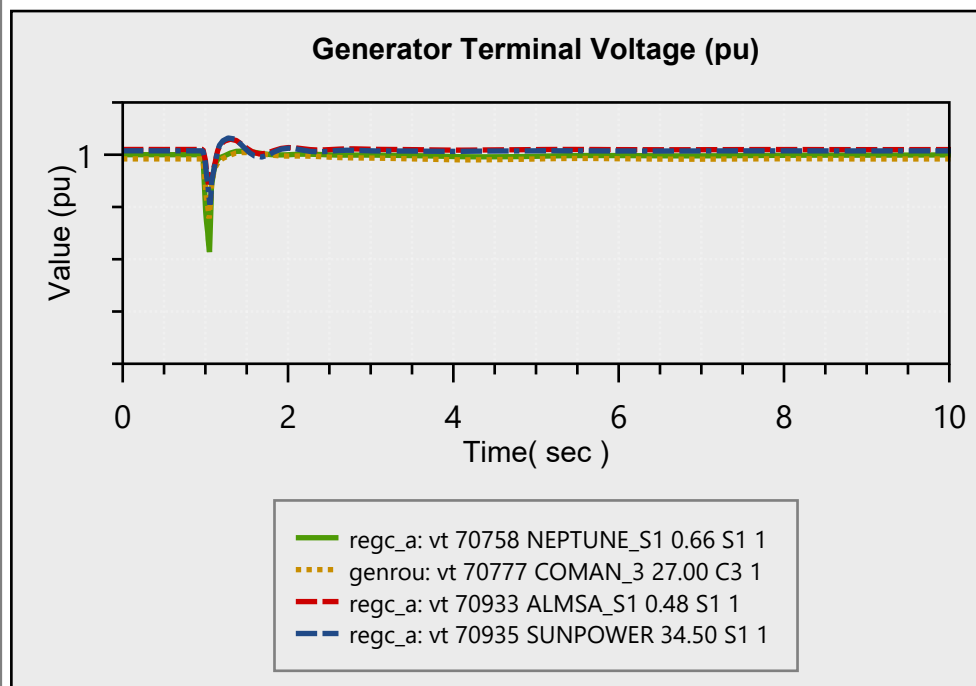
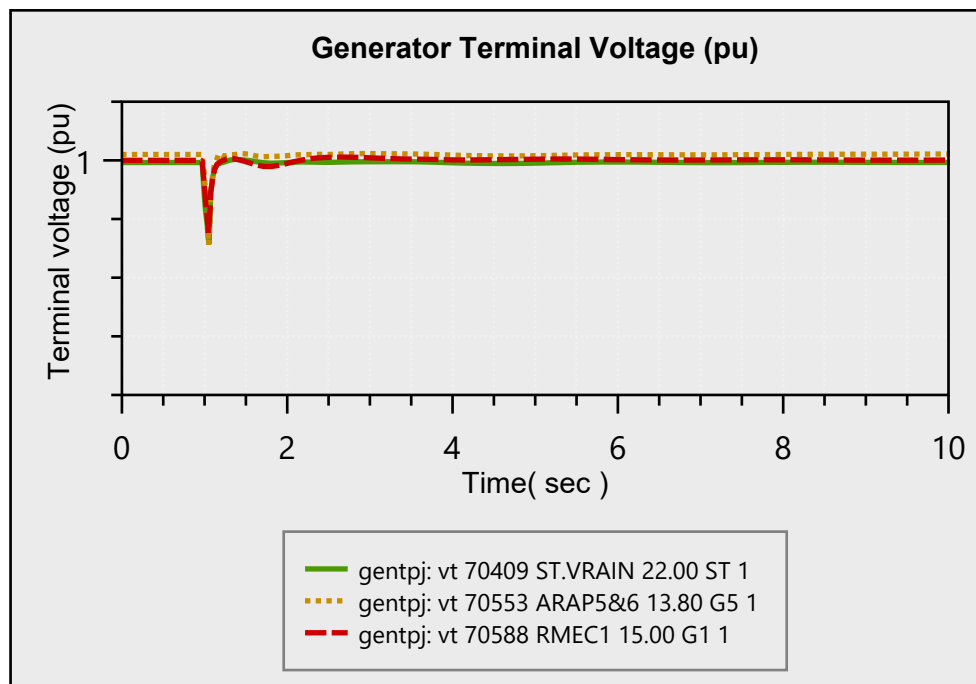
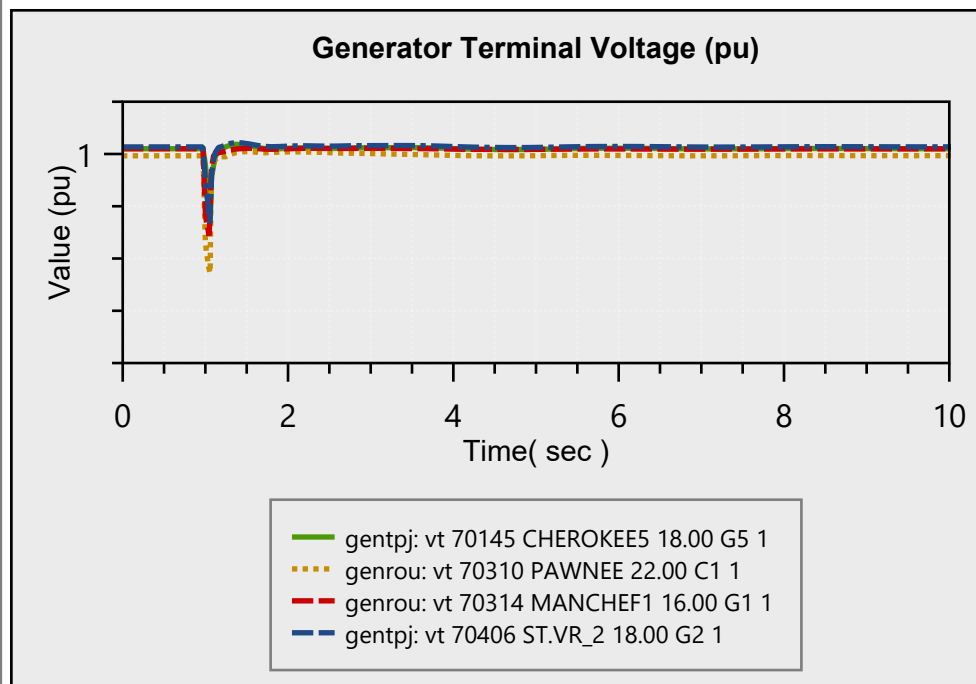


— vmeta: vbus 70061 BOONE 230.00 1 1
- - - vmeta: vbus 70107 CHEROKEE 230.00 1 1
- - - vmeta: vbus 70122 COMANCHE 230.00 1 1
- - - vmeta: vbus 70139 DANIEL_PK 230.00 1 1
- - - vmeta: vbus 70192 FT_LUPTON 230.00 1 1
- - - vmeta: vbus 70286 MIDWAY_PS 230.00 1 1

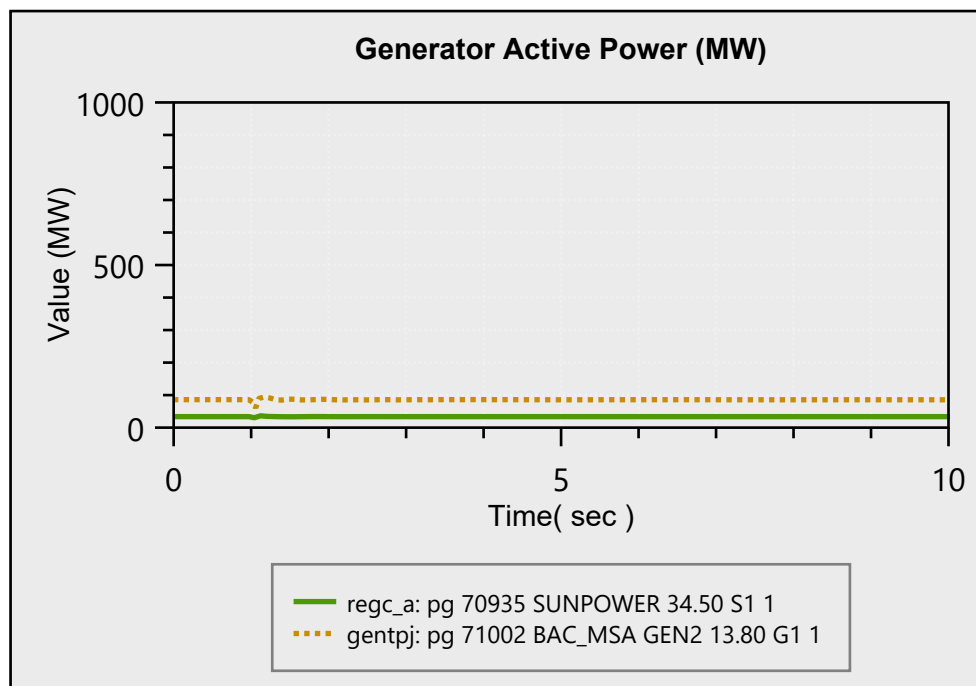
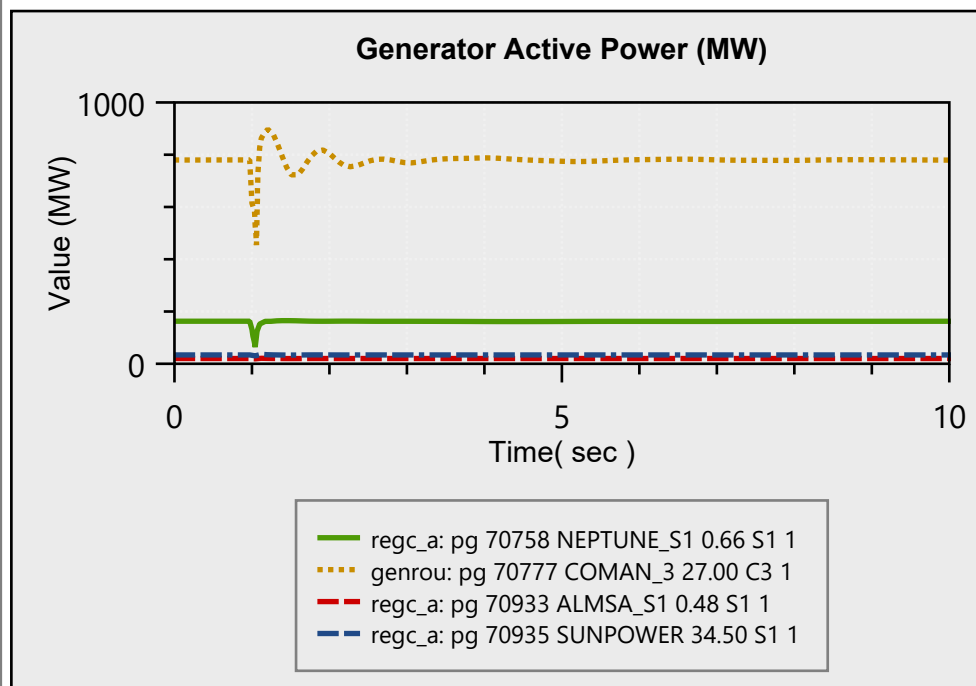
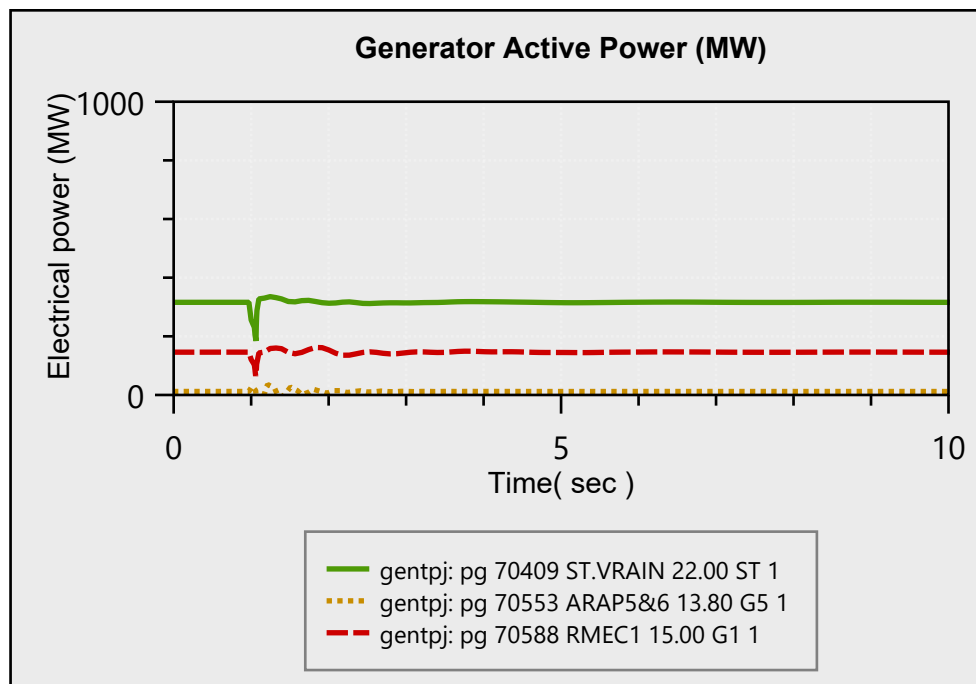
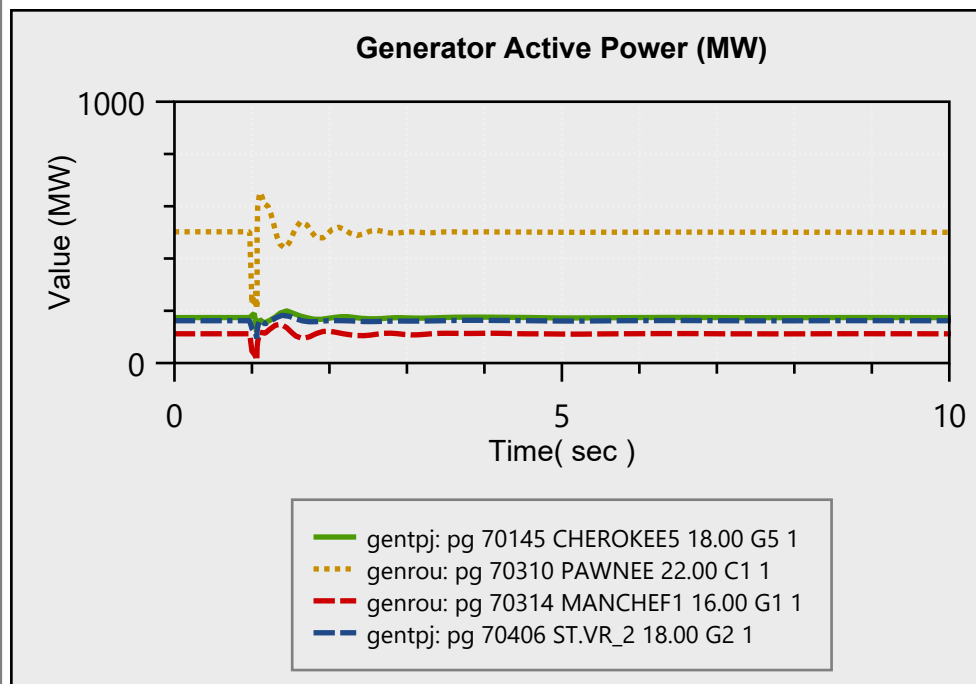
OUTPUTS



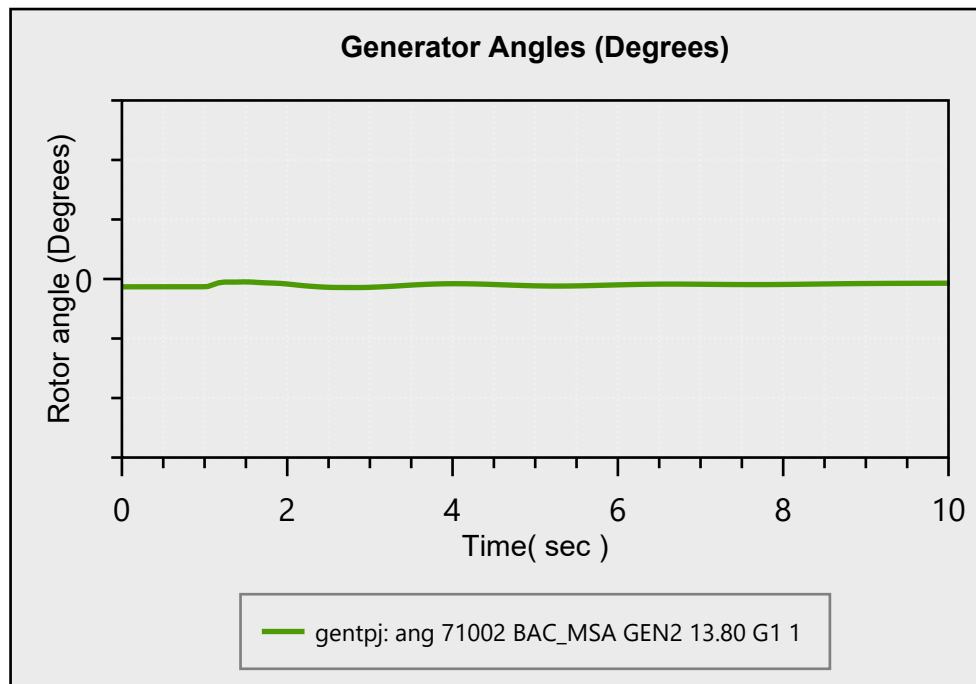
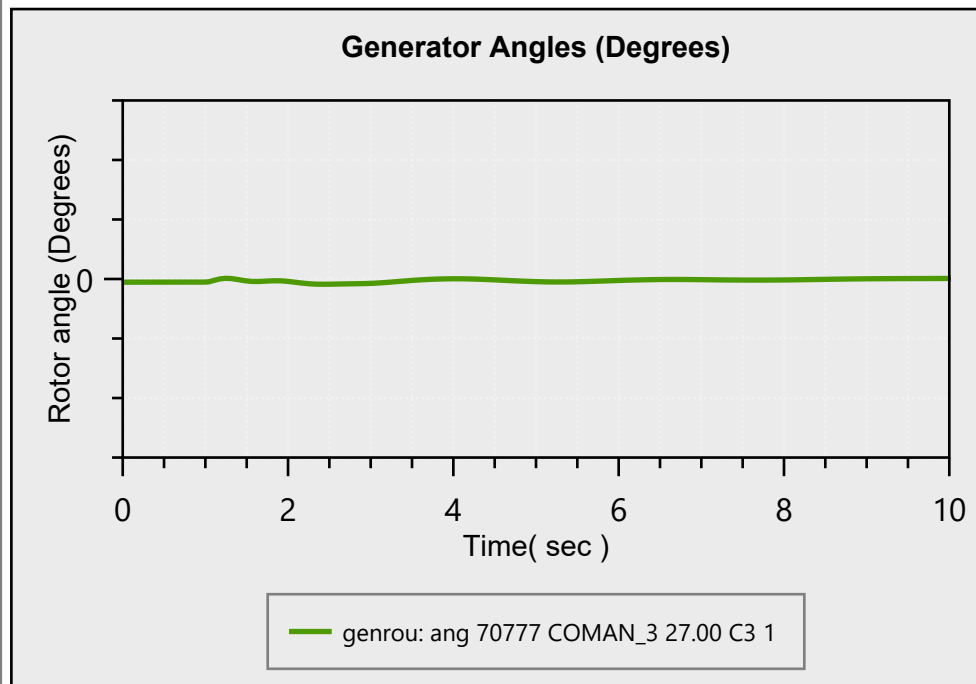
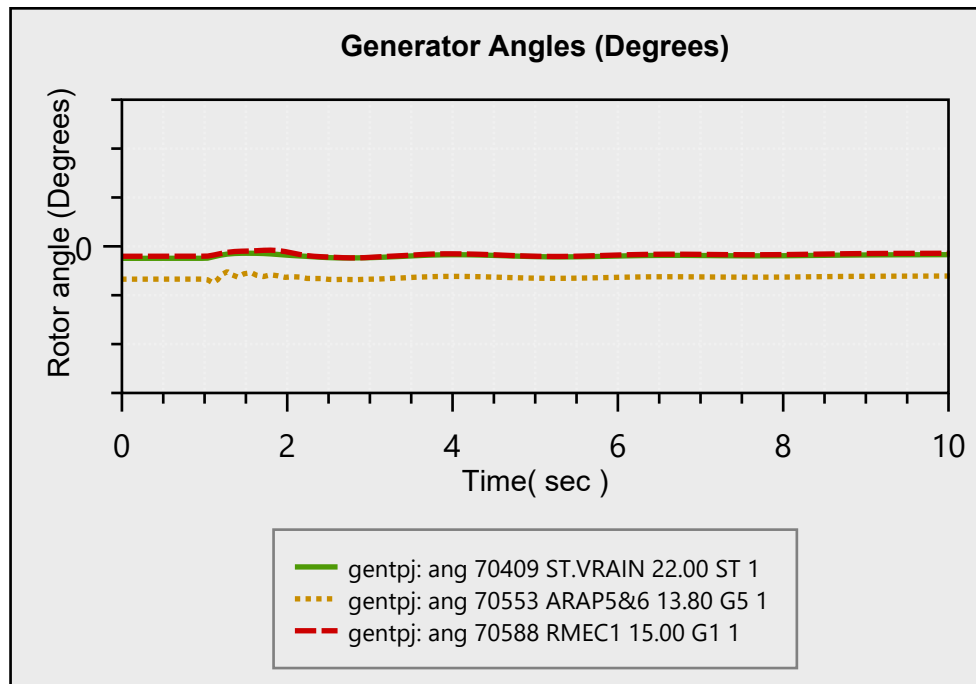
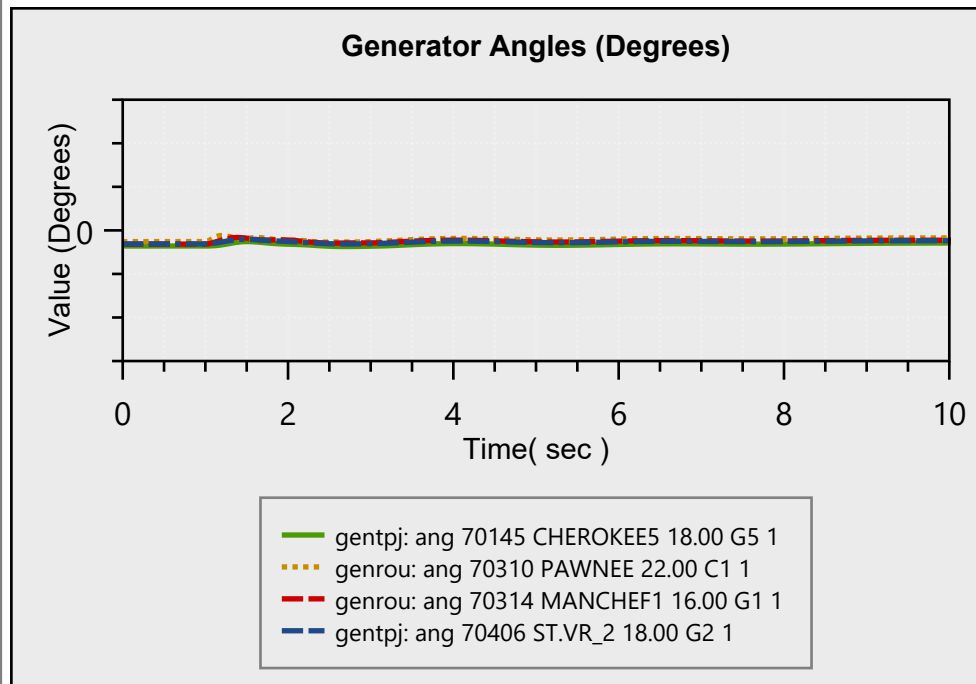
OUTPUTS



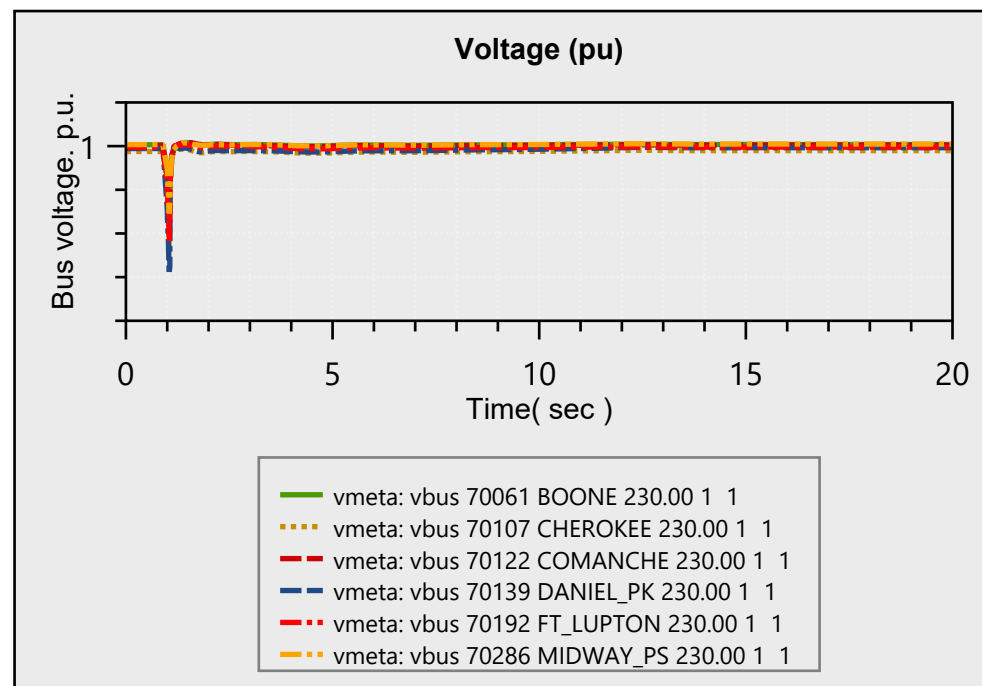
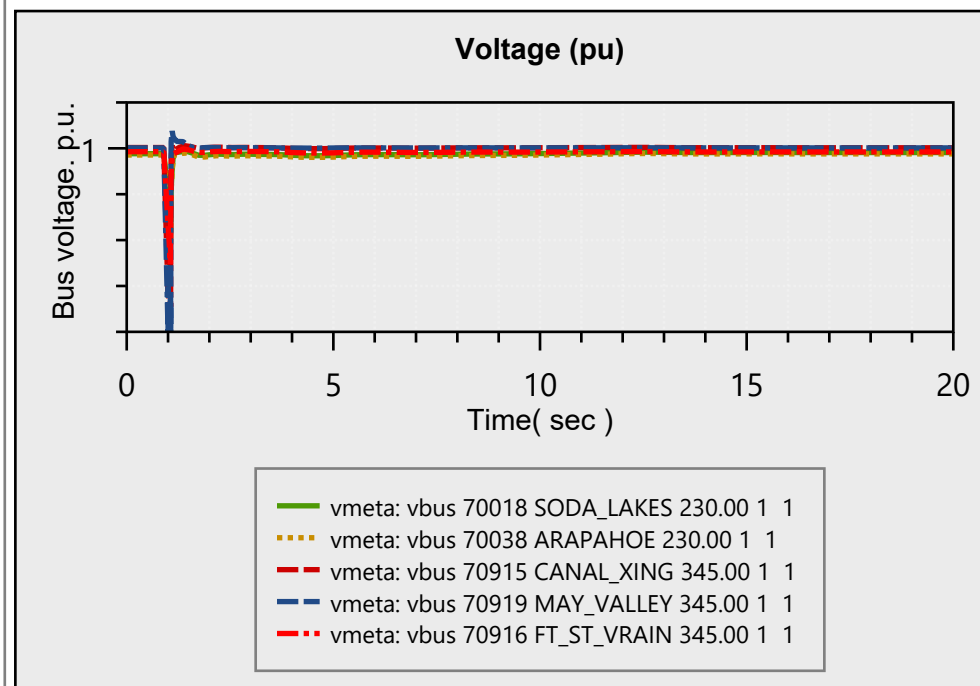
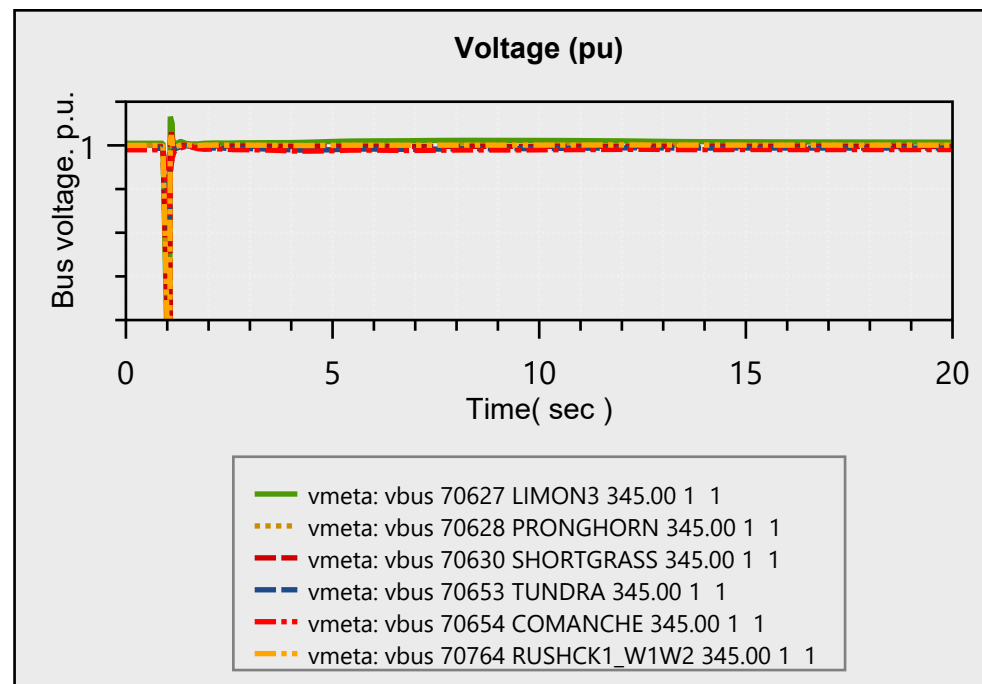
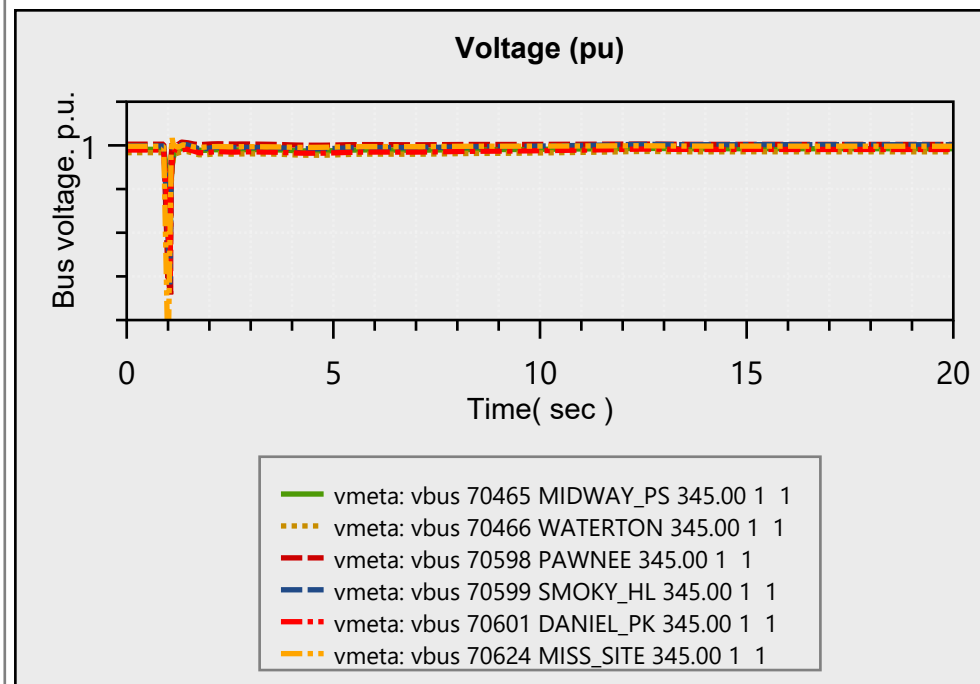
OUTPUTS



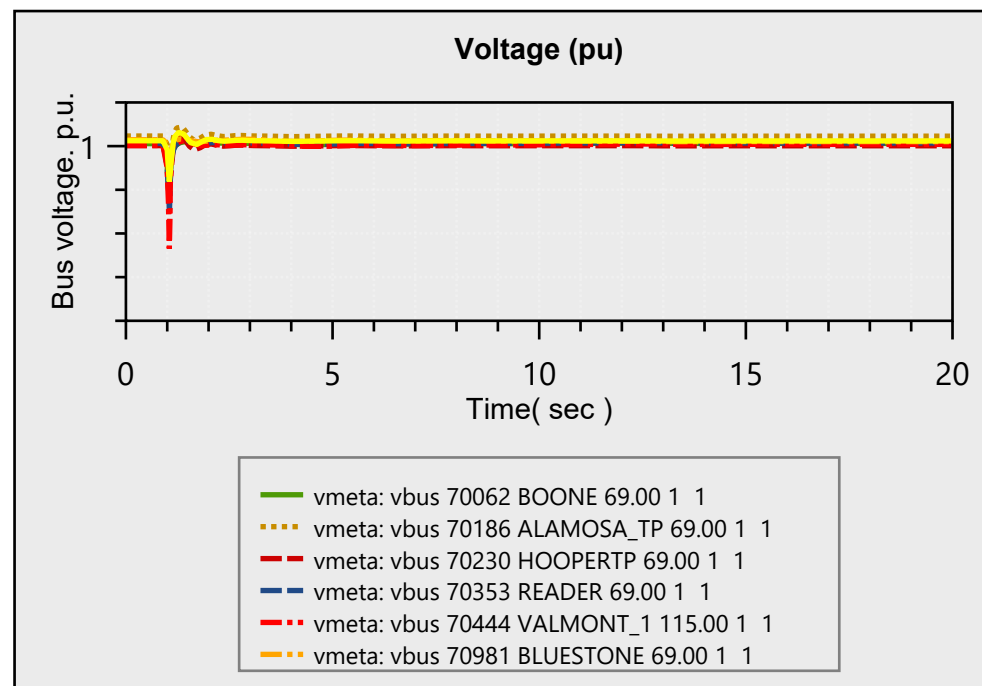
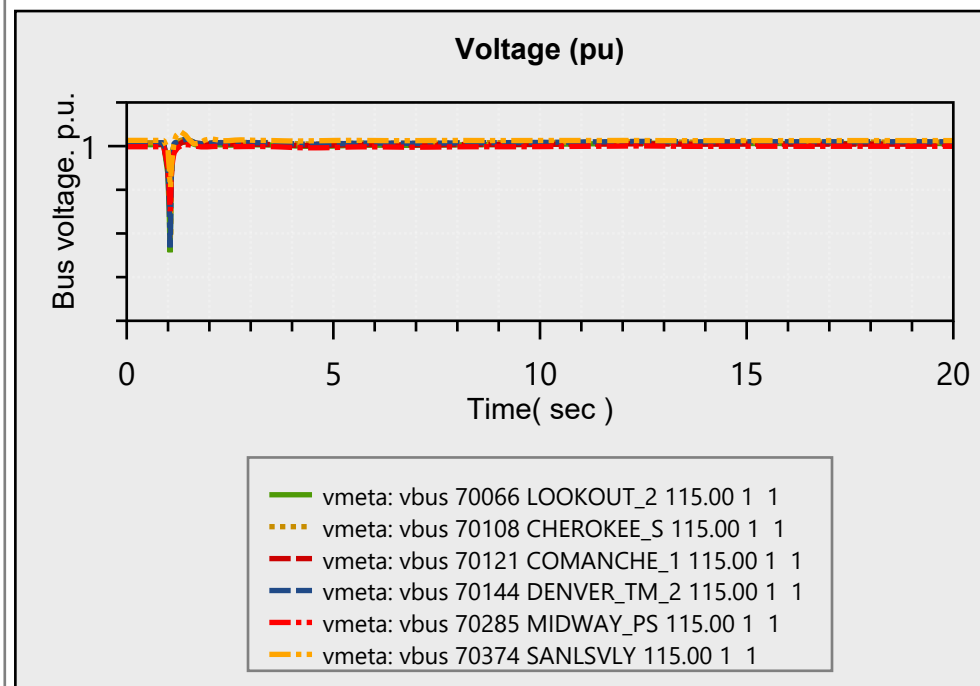
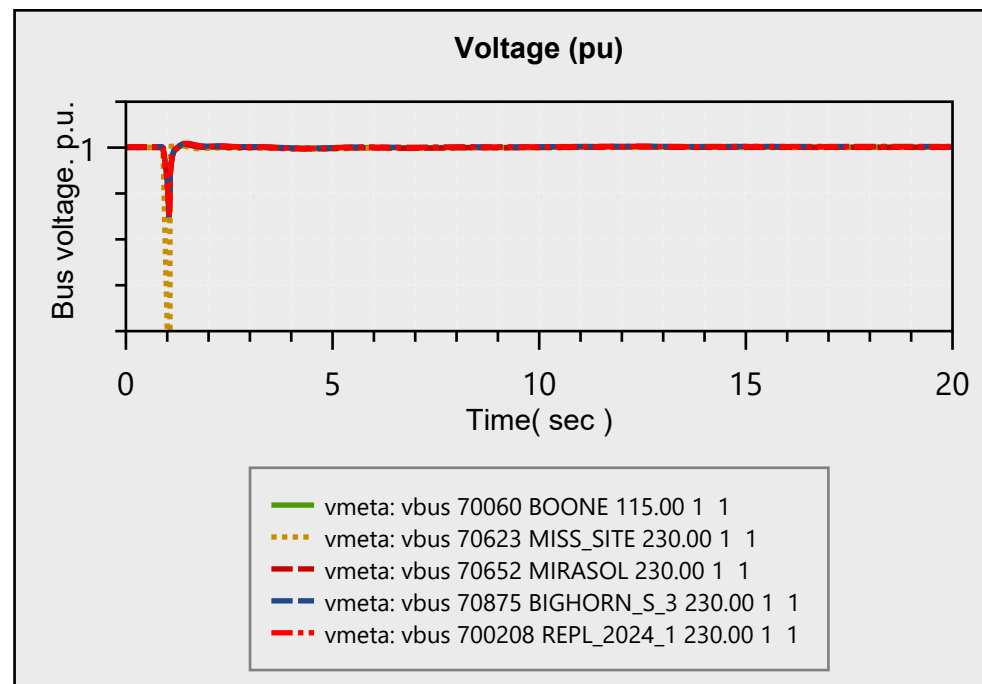
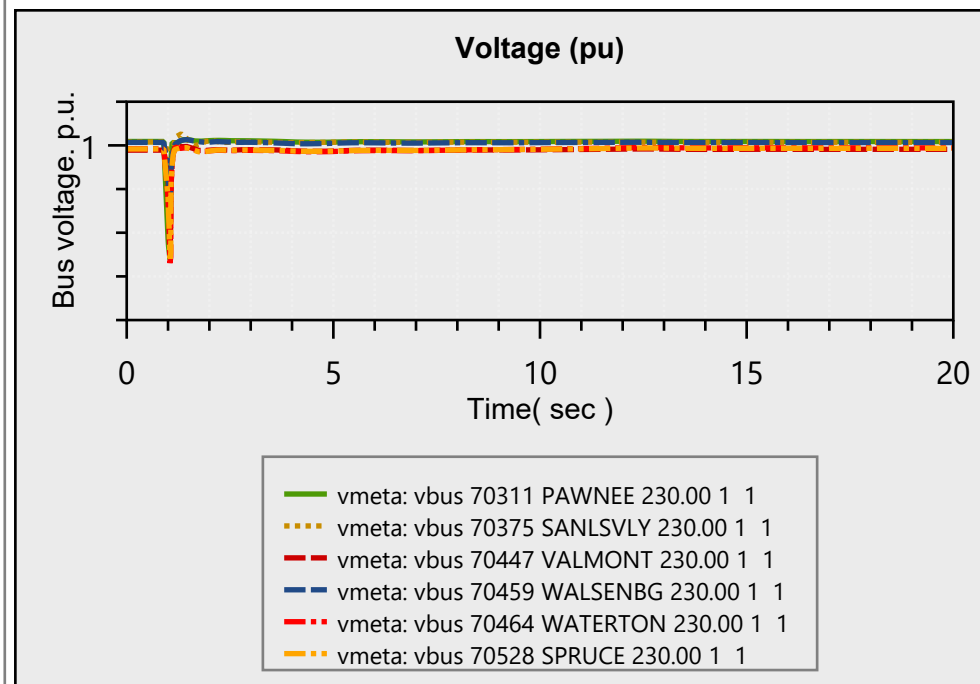
OUTPUTS



OUTPUTS

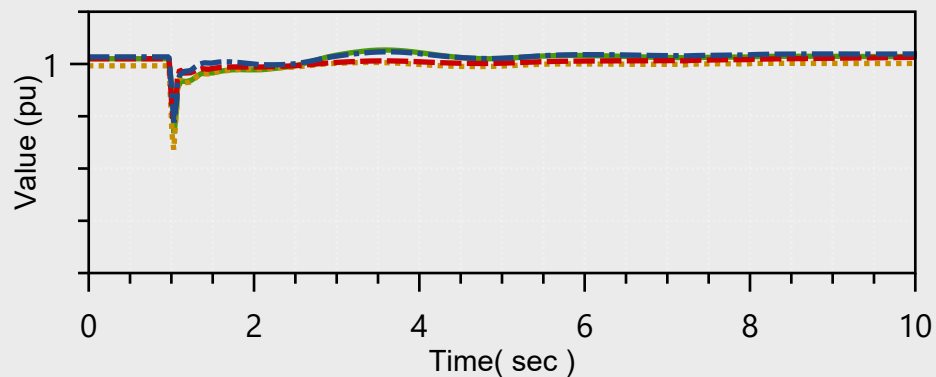


OUTPUTS



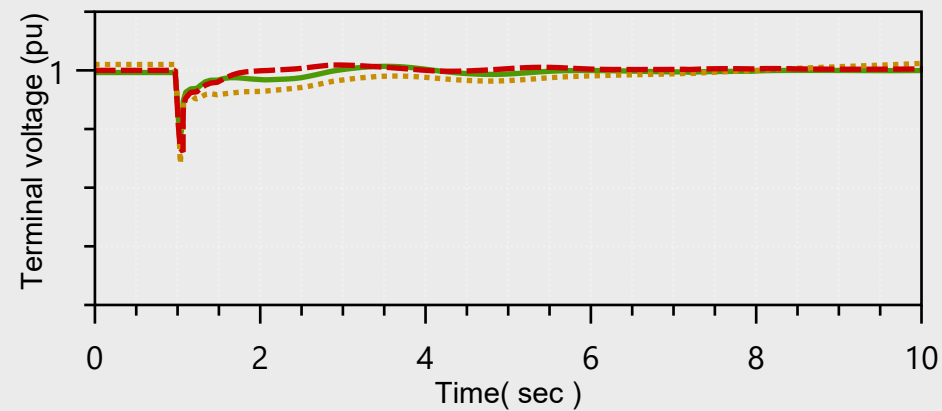
OUTPUTS

Generator Terminal Voltage (pu)



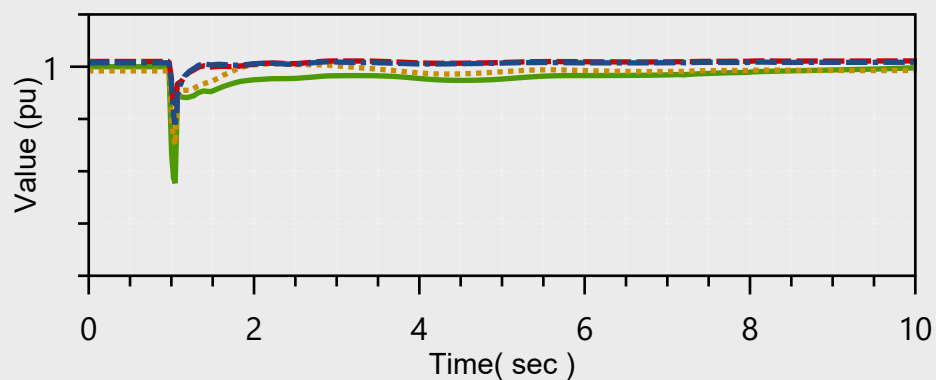
gentpj: vt 70145 CHEROKEE5 18.00 G5 1
 genrou: vt 70310 PAWNEE 22.00 C1 1
 genrou: vt 70314 MANCHEF1 16.00 G1 1
 gentpj: vt 70406 ST.VR_2 18.00 G2 1

Generator Terminal Voltage (pu)



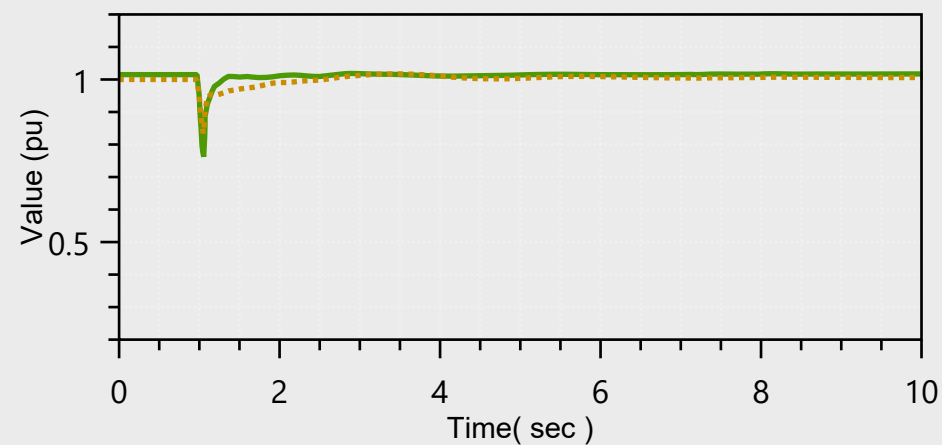
gentpj: vt 70409 ST.VRAIN 22.00 ST 1
 gentpj: vt 70553 ARAP5&6 13.80 G5 1
 gentpj: vt 70588 RMEC1 15.00 G1 1

Generator Terminal Voltage (pu)



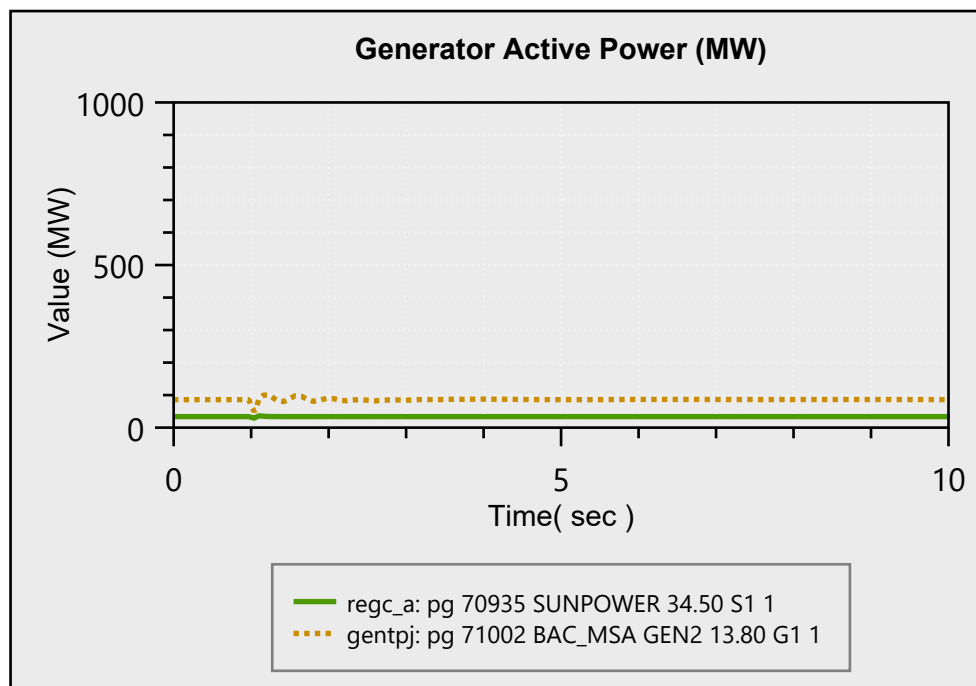
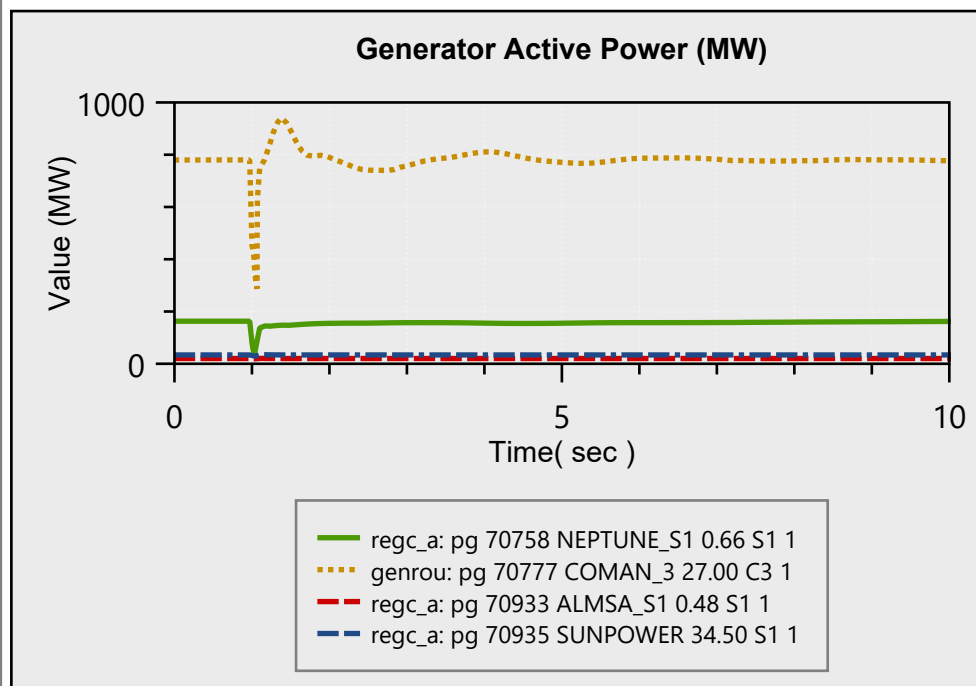
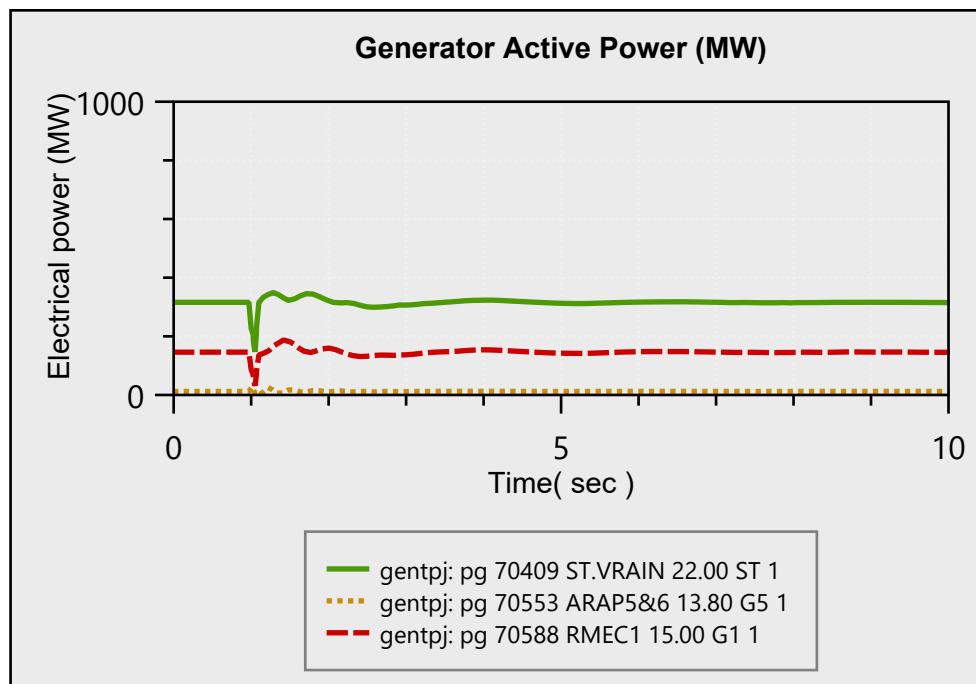
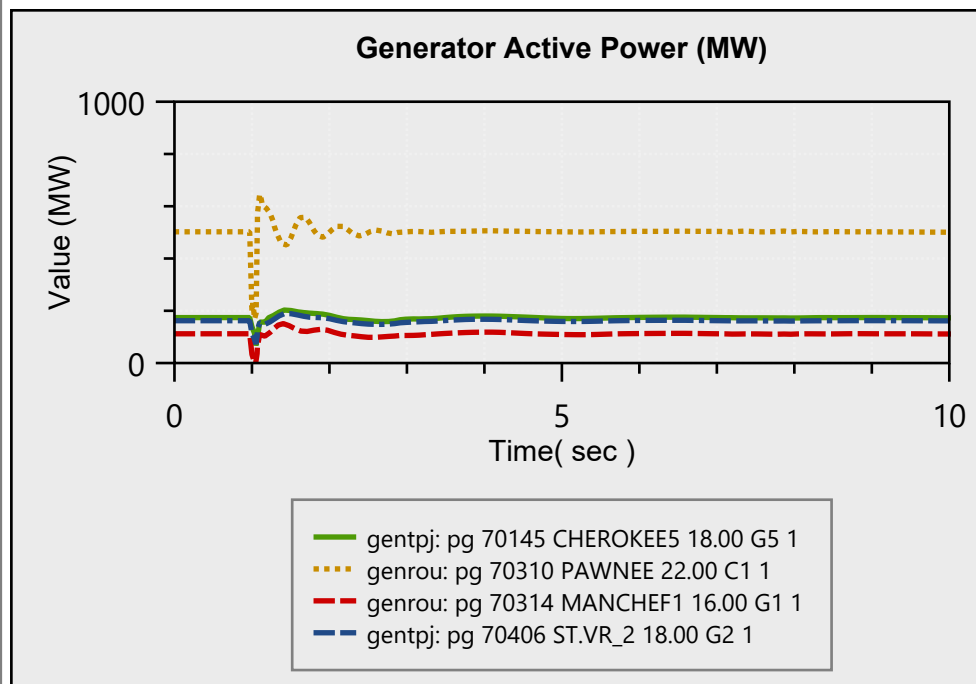
regc_a: vt 70758 NEPTUNE_S1 0.66 S1 1
 genrou: vt 70777 COMAN_3 27.00 C3 1
 regc_a: vt 70933 ALMSA_S1 0.48 S1 1
 regc_a: vt 70935 SUNPOWER 34.50 S1 1

Generator Terminal Voltage (pu)

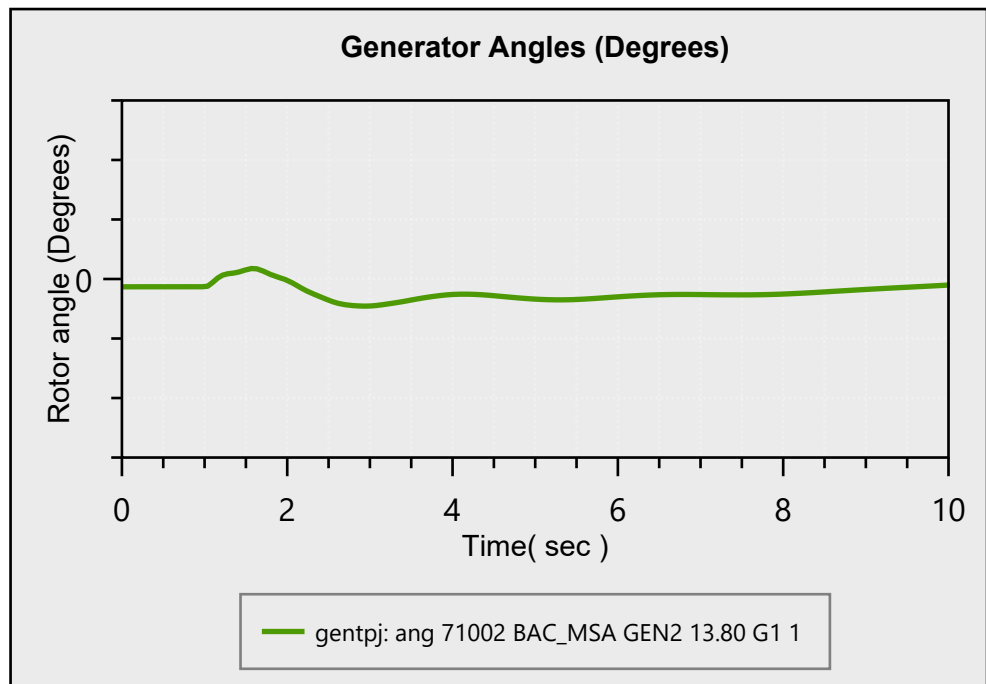
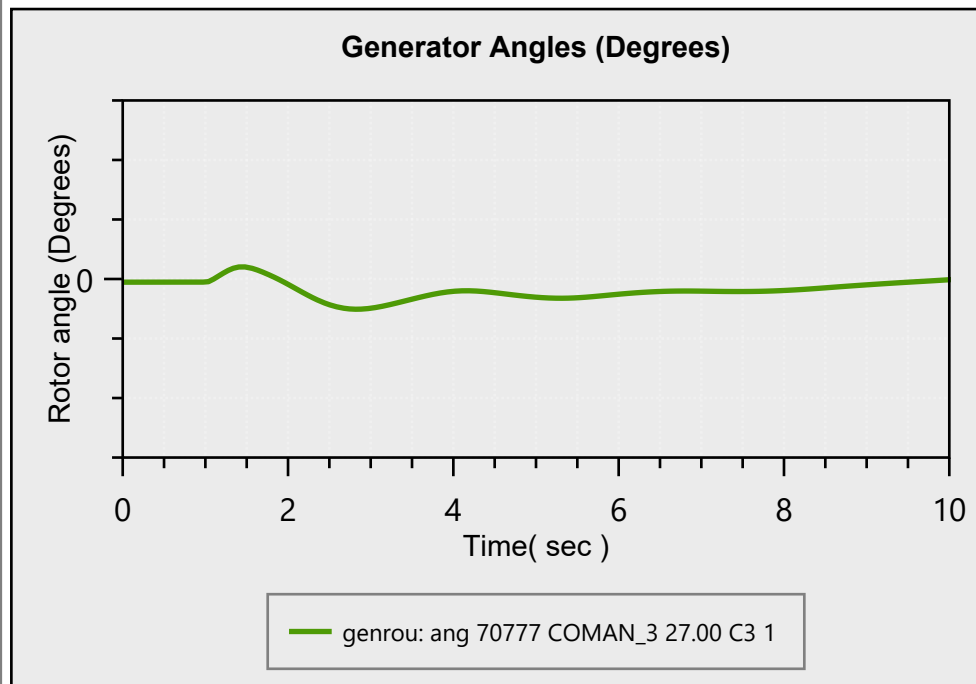
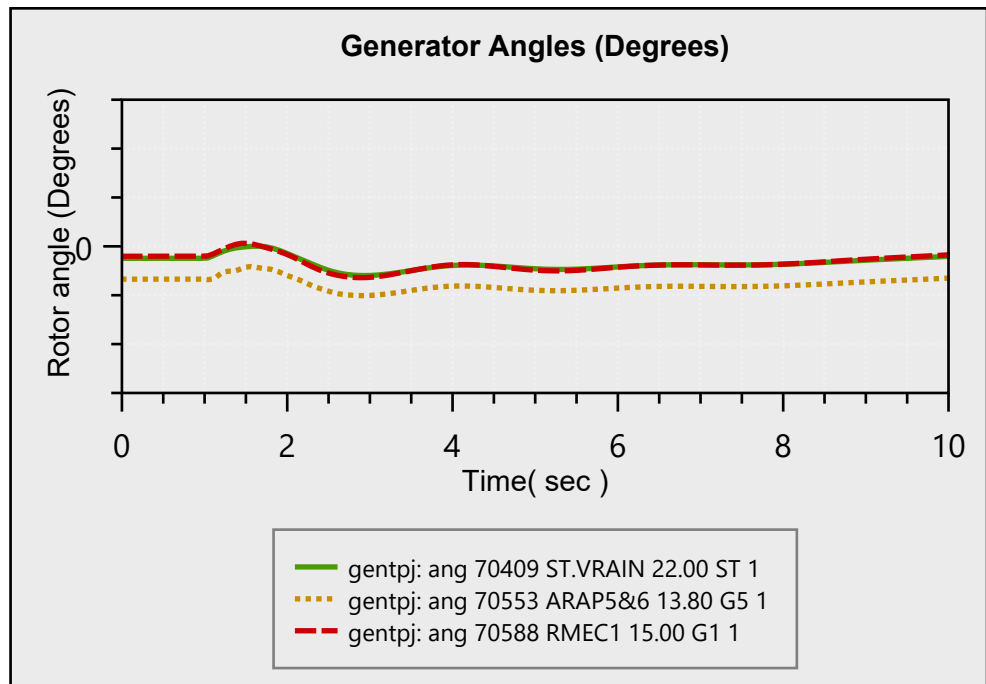
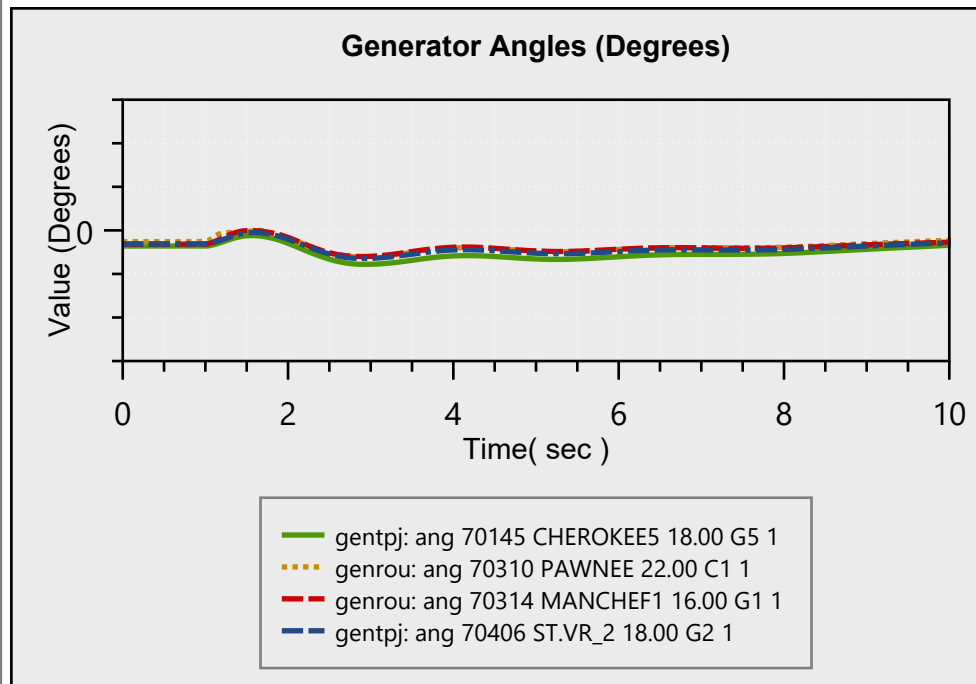


regc_a: vt 70935 SUNPOWER 34.50 S1 1
 gentpj: vt 71002 BAC_MSA GEN2 13.80 G1 1

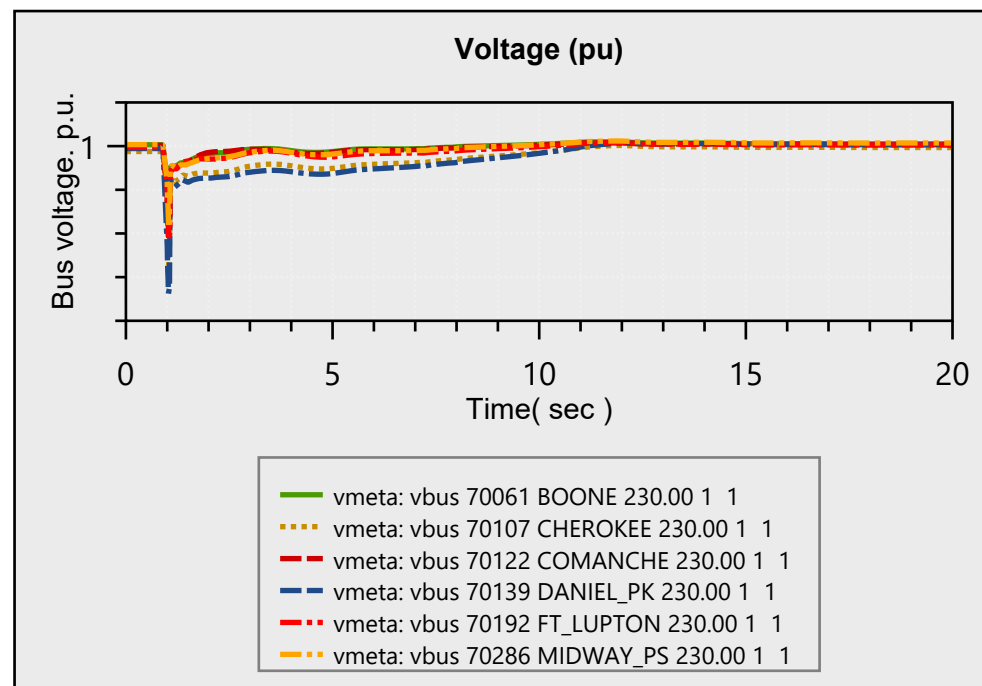
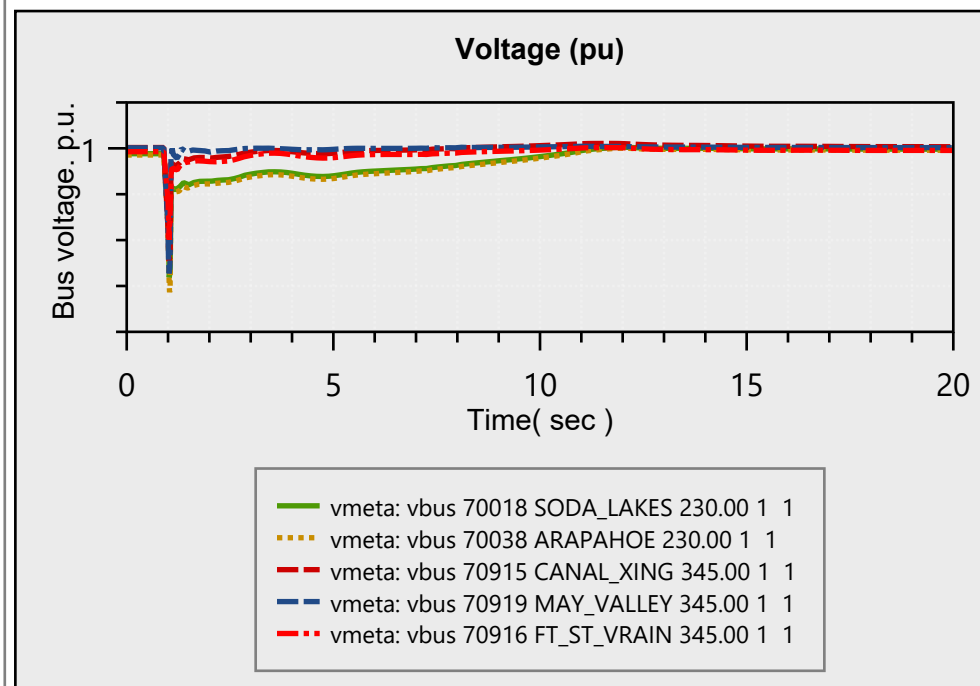
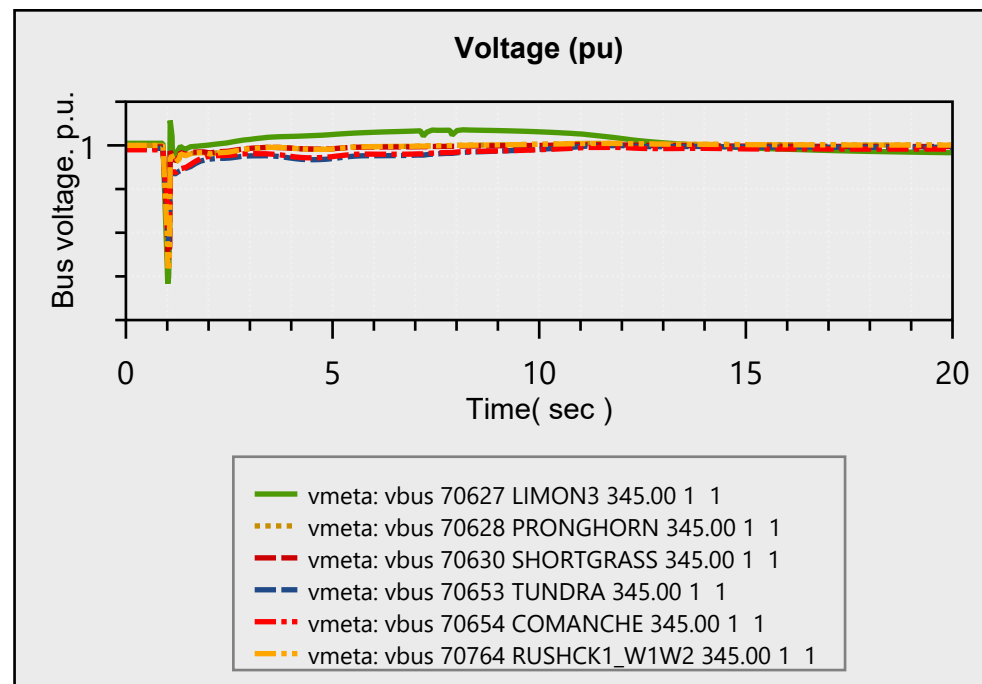
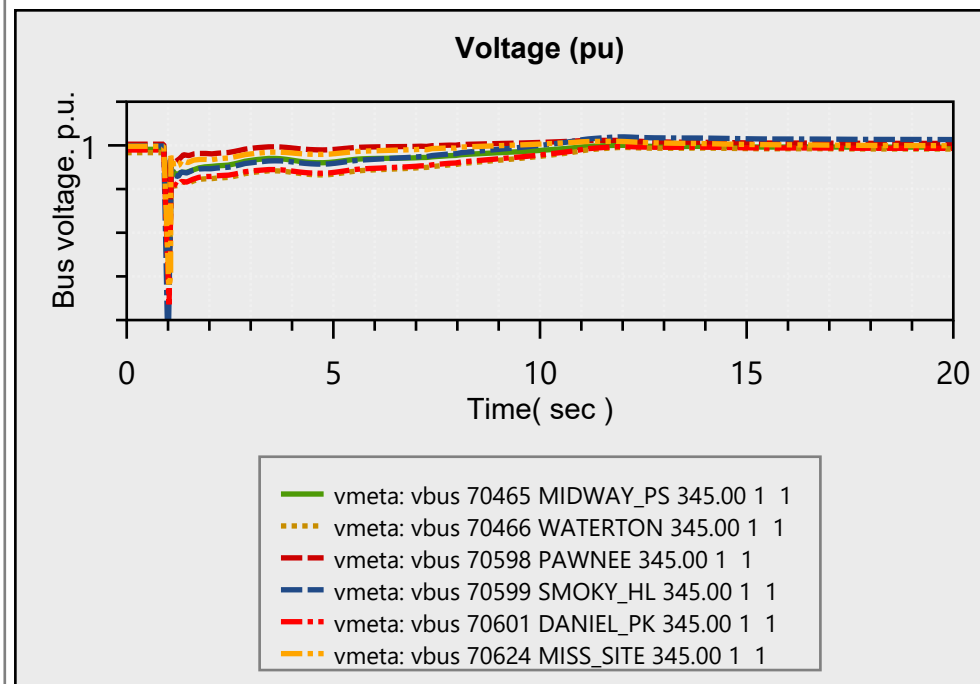
OUTPUTS



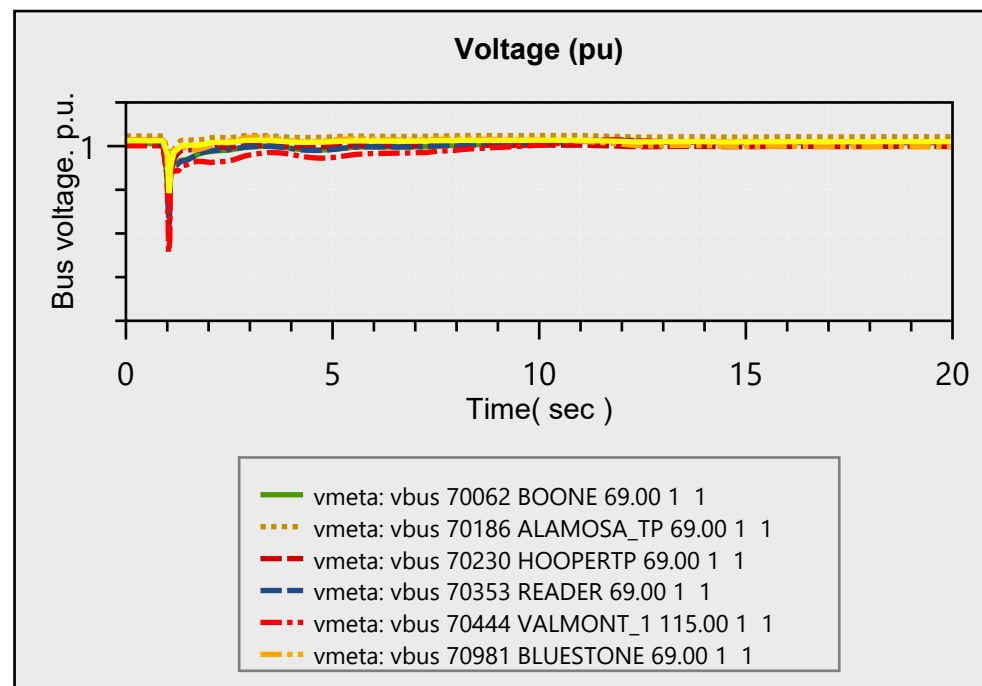
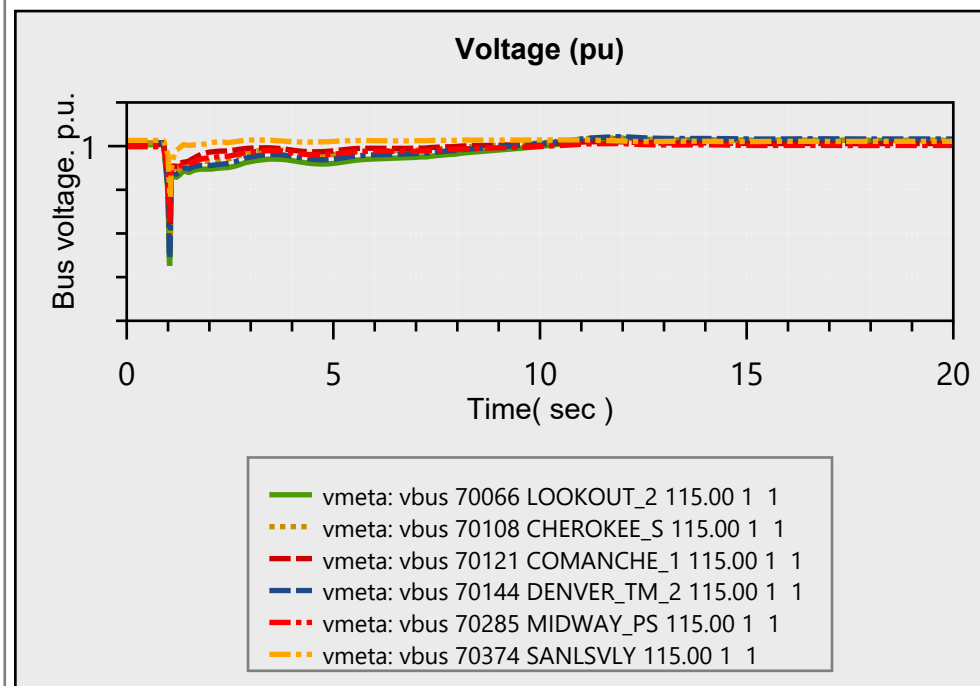
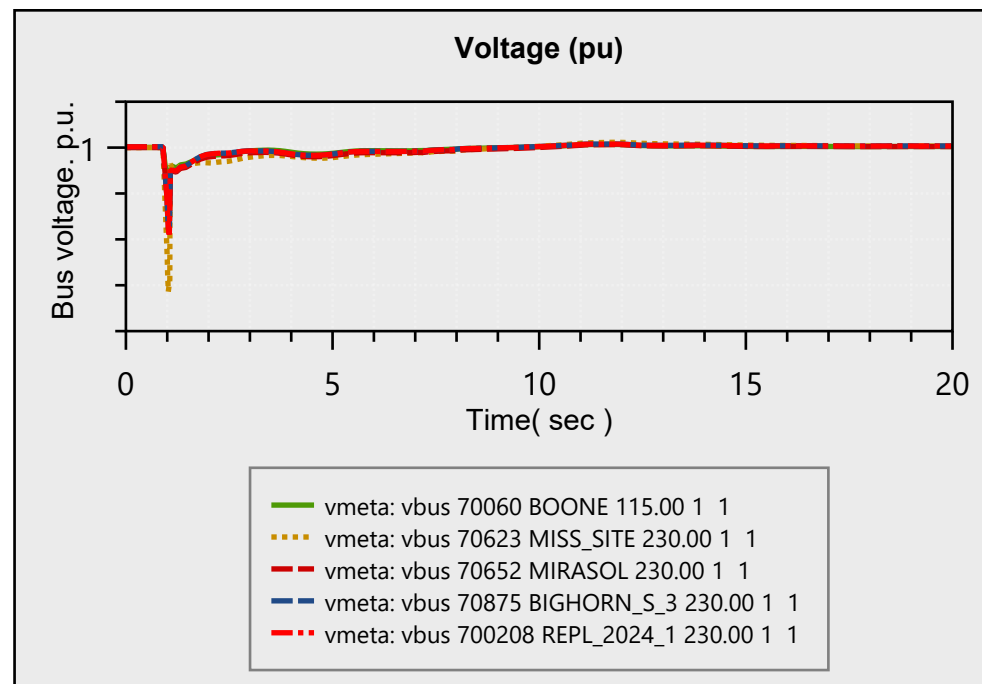
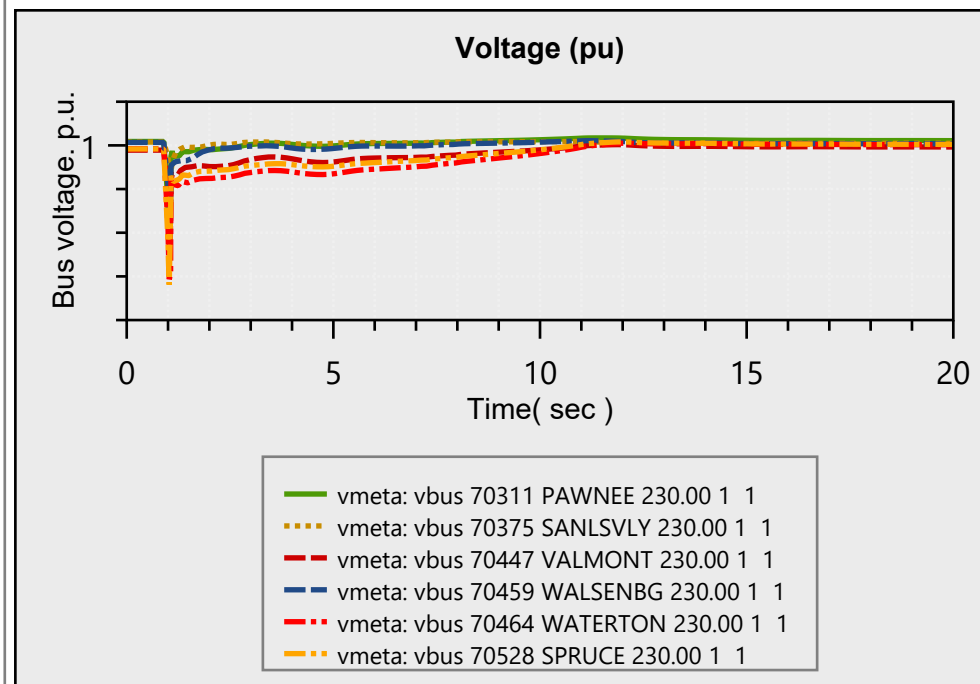
OUTPUTS



OUTPUTS

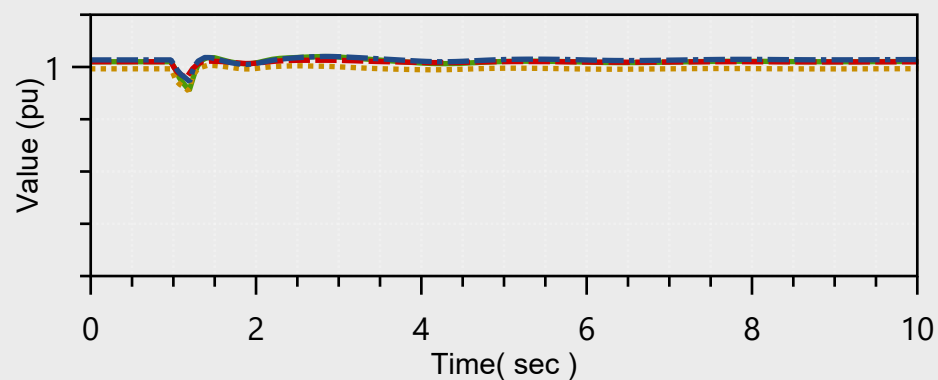


OUTPUTS

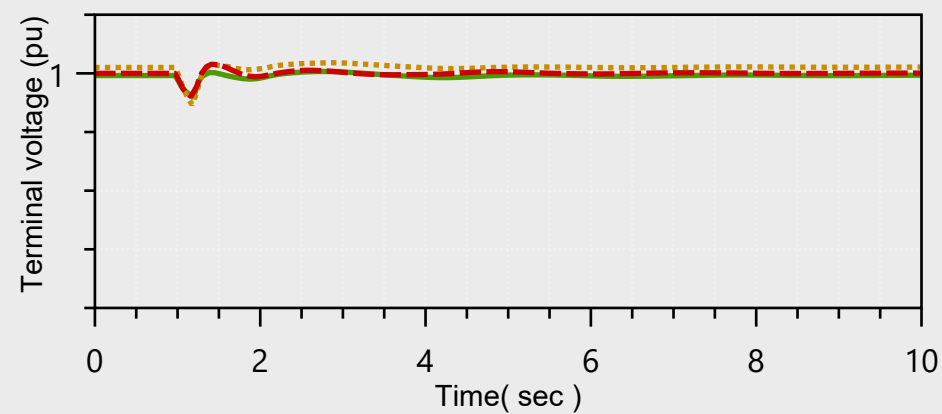


OUTPUTS

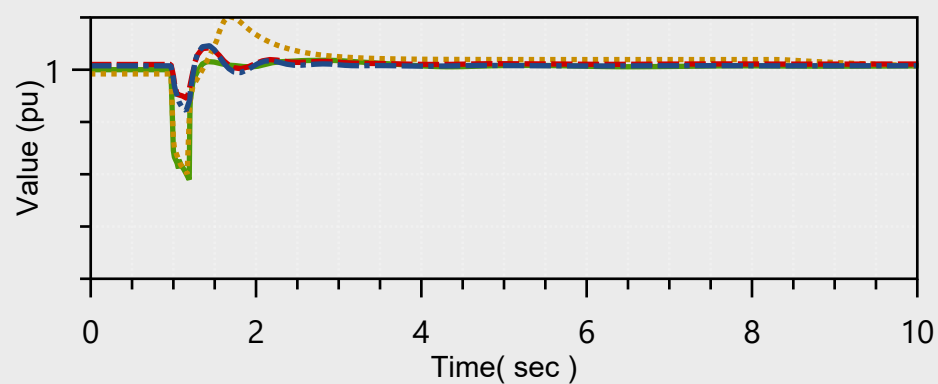
Generator Terminal Voltage (pu)



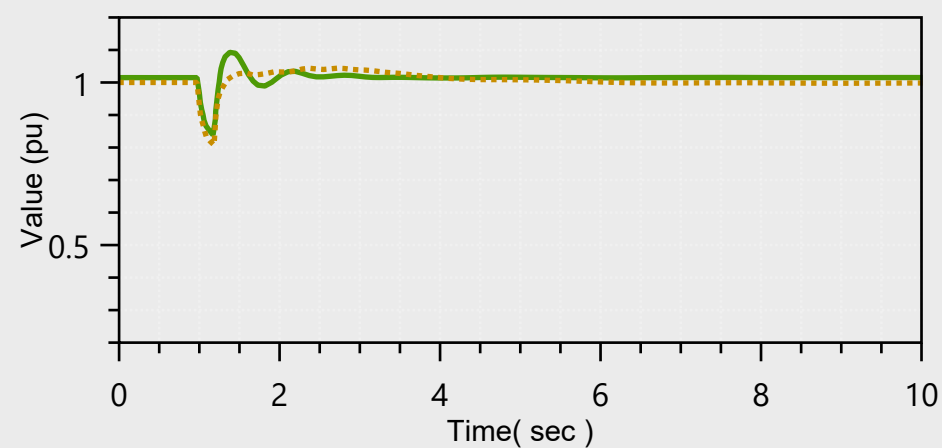
Generator Terminal Voltage (pu)



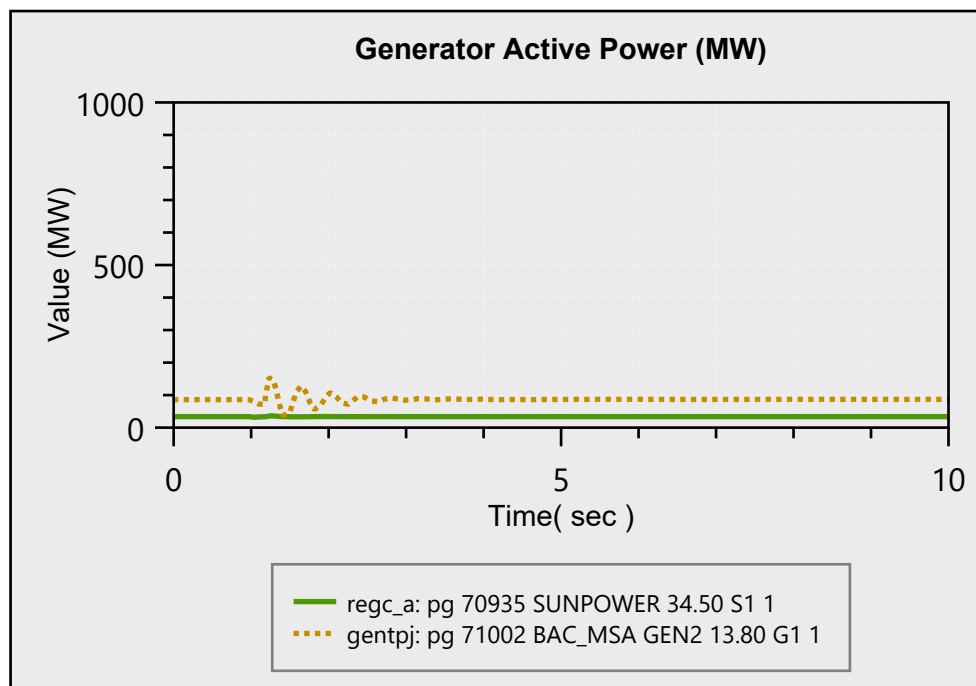
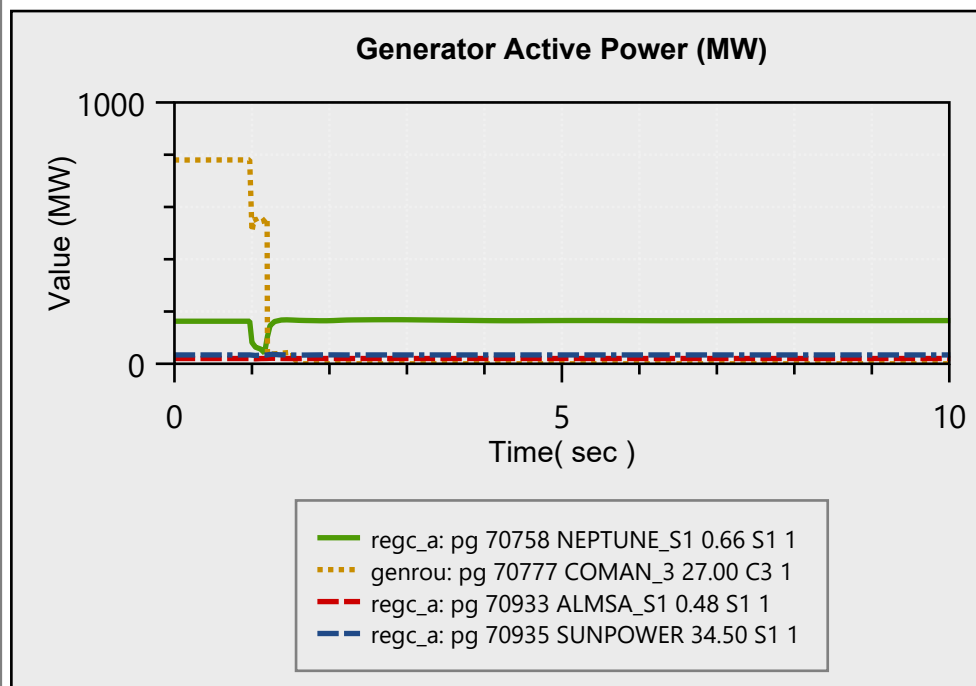
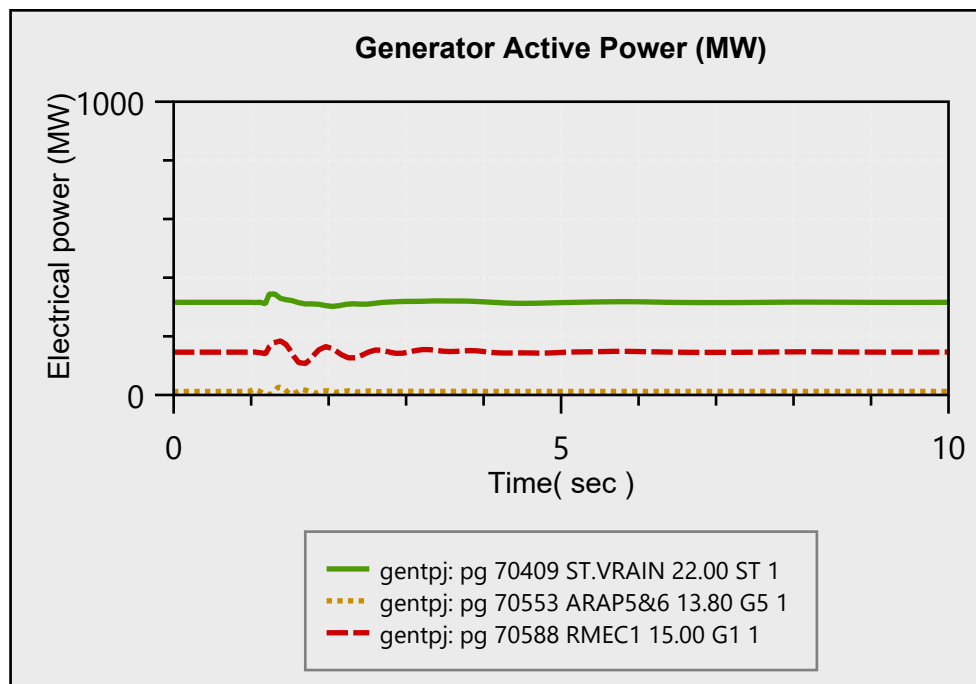
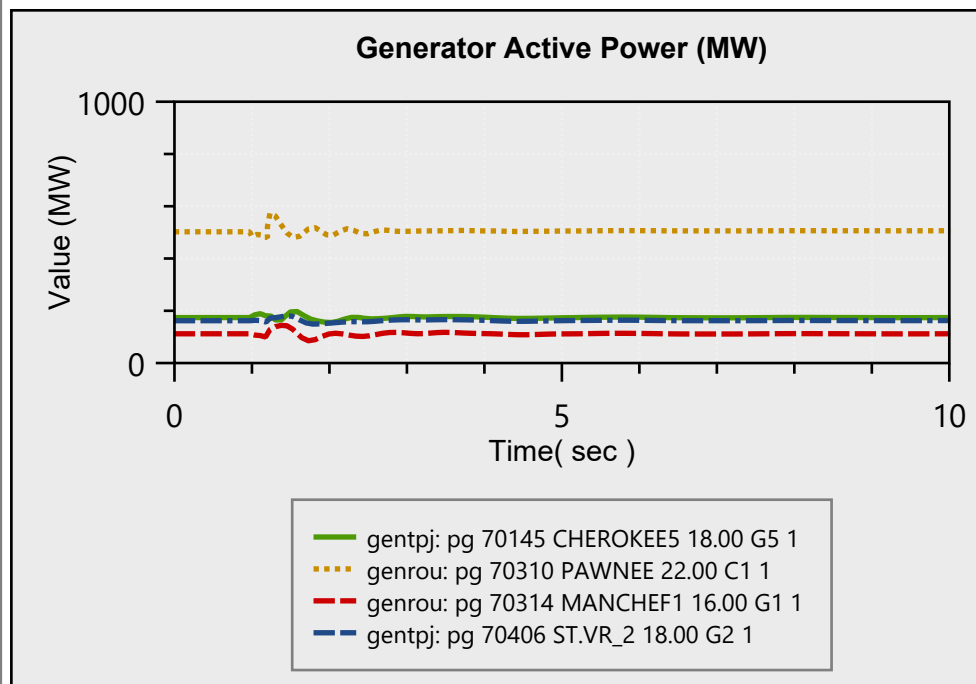
Generator Terminal Voltage (pu)



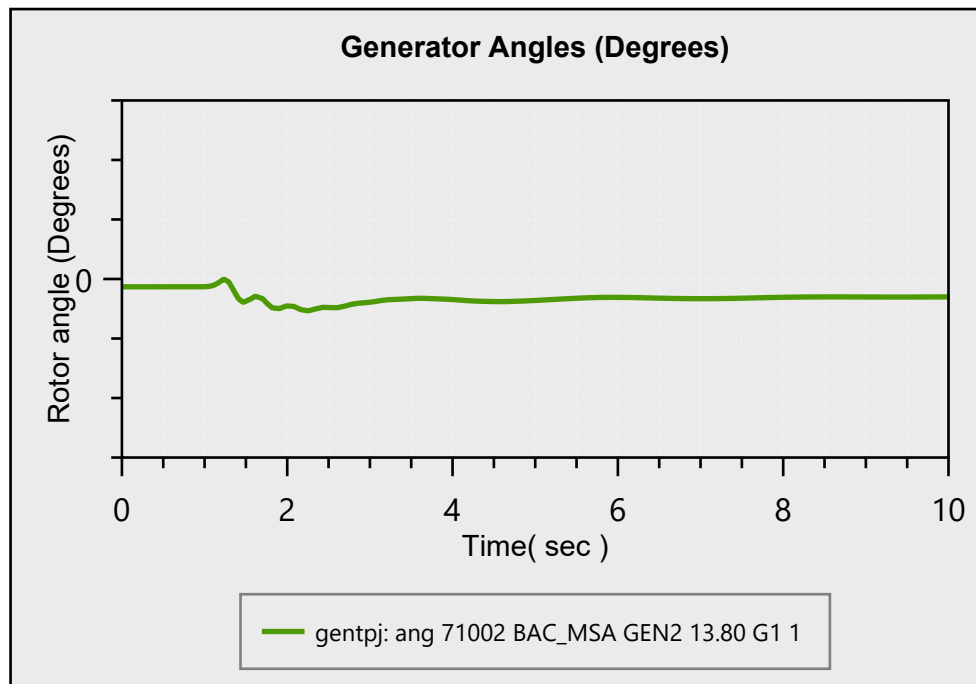
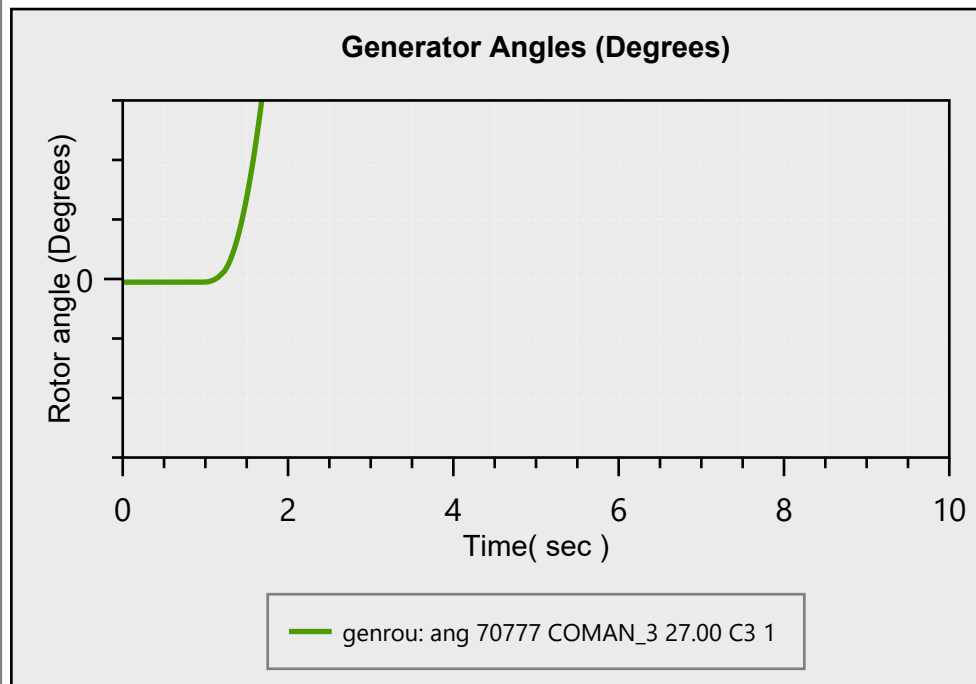
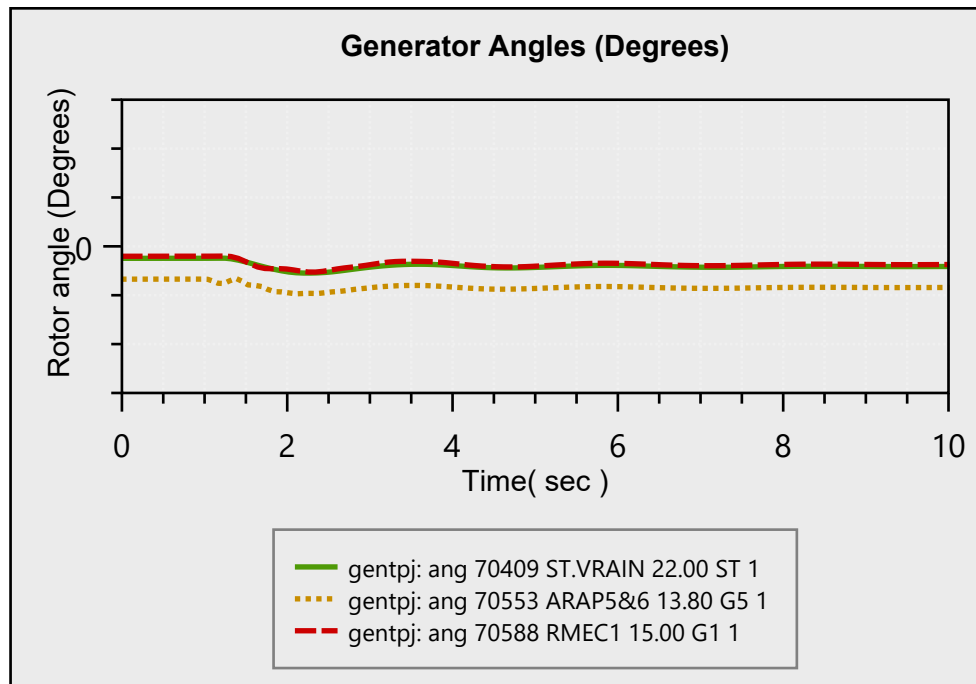
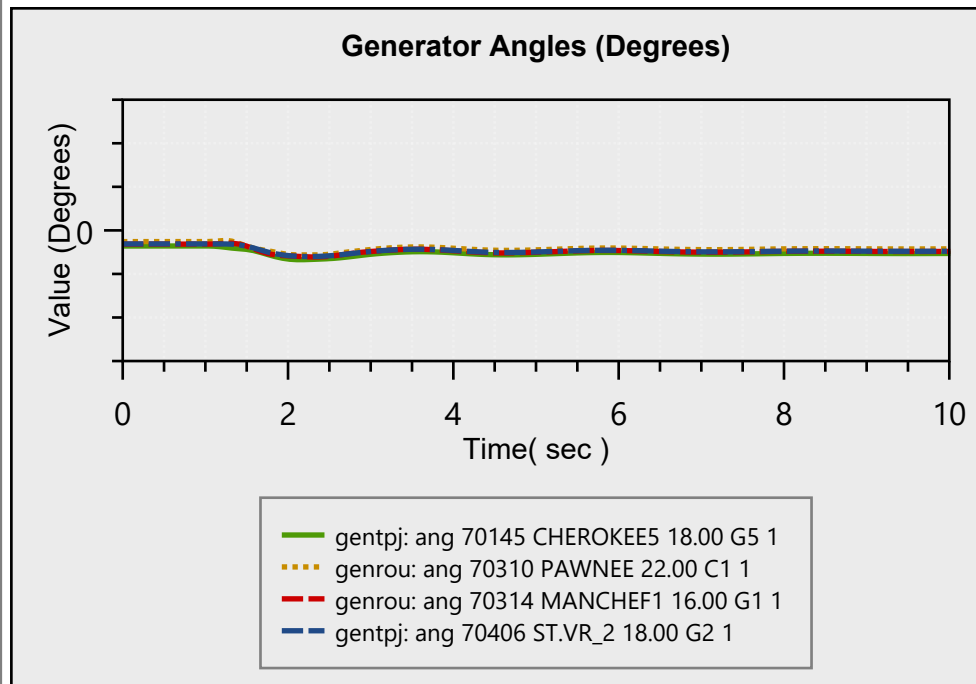
Generator Terminal Voltage (pu)



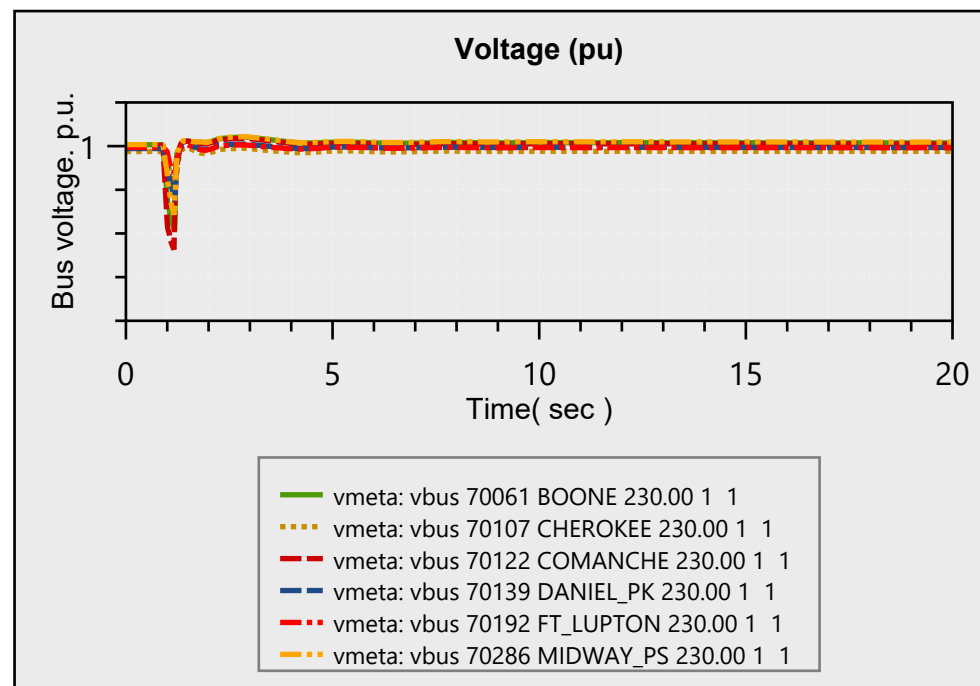
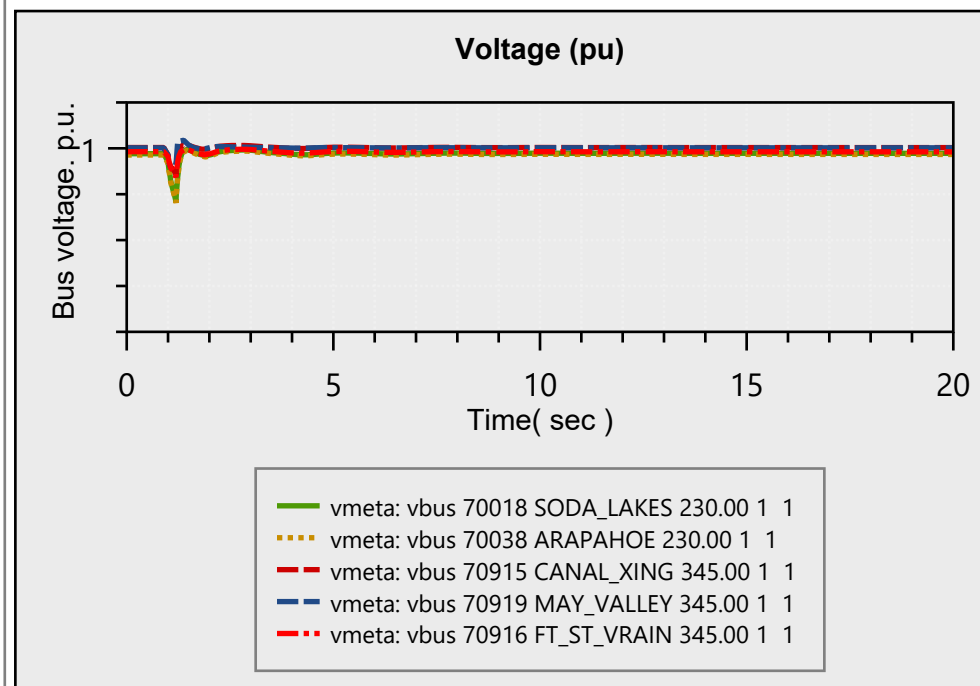
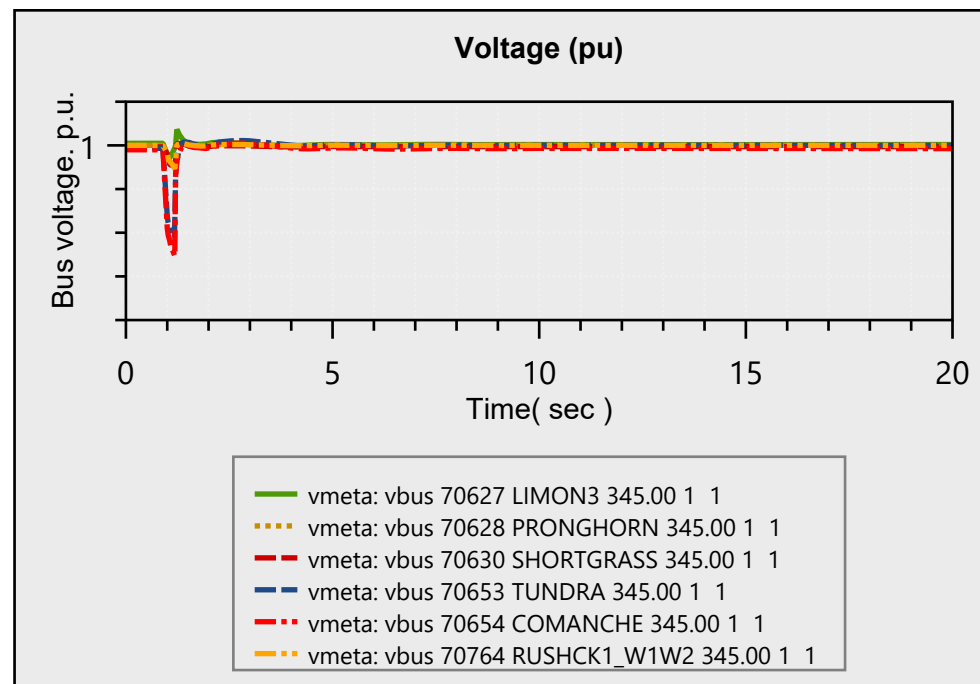
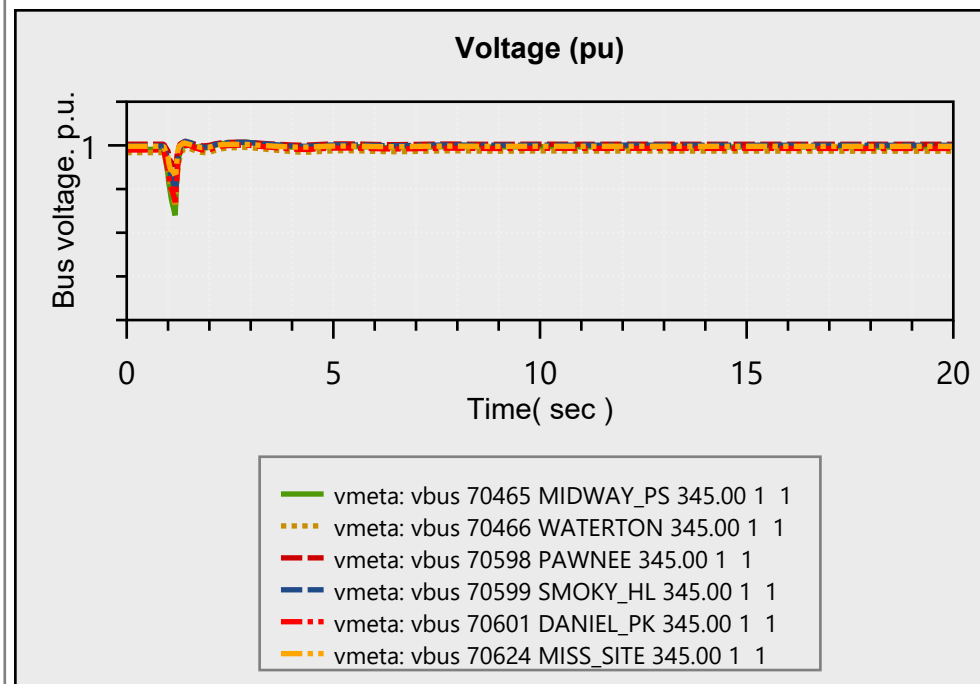
OUTPUTS



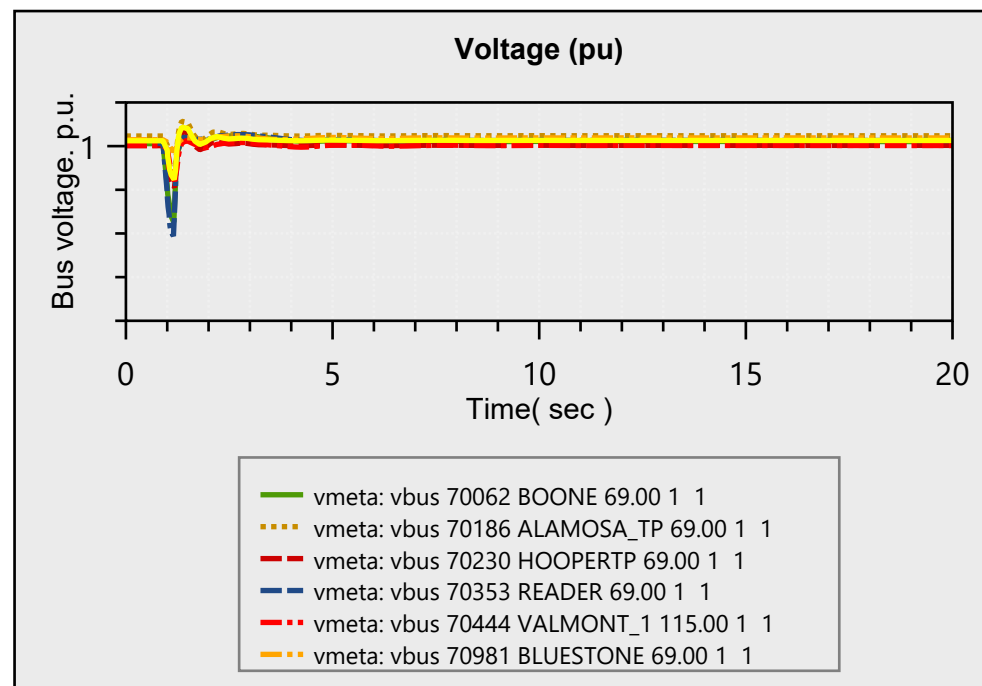
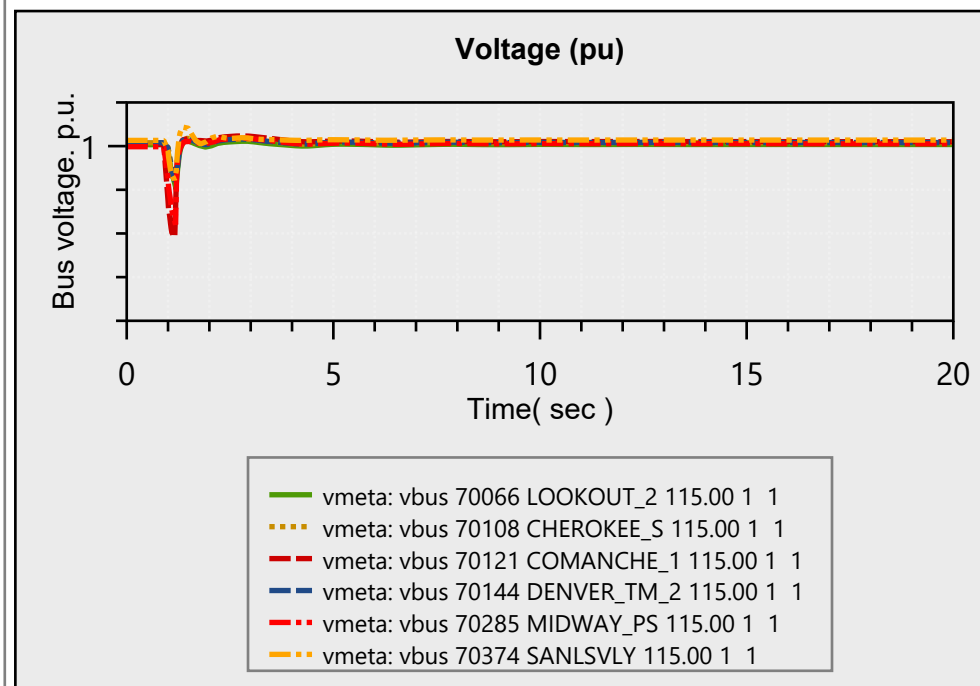
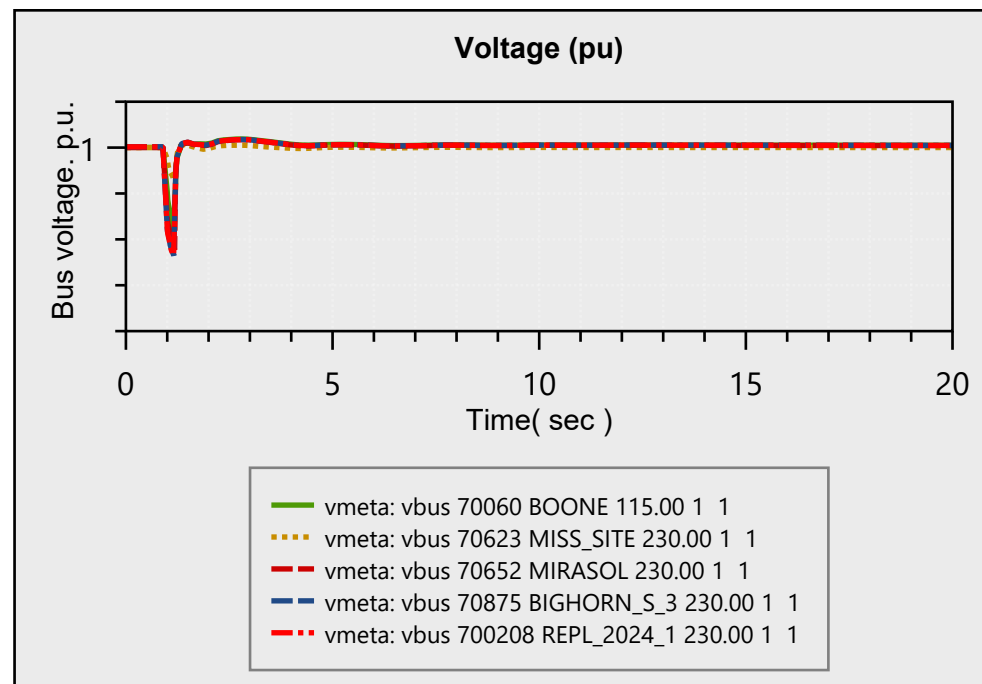
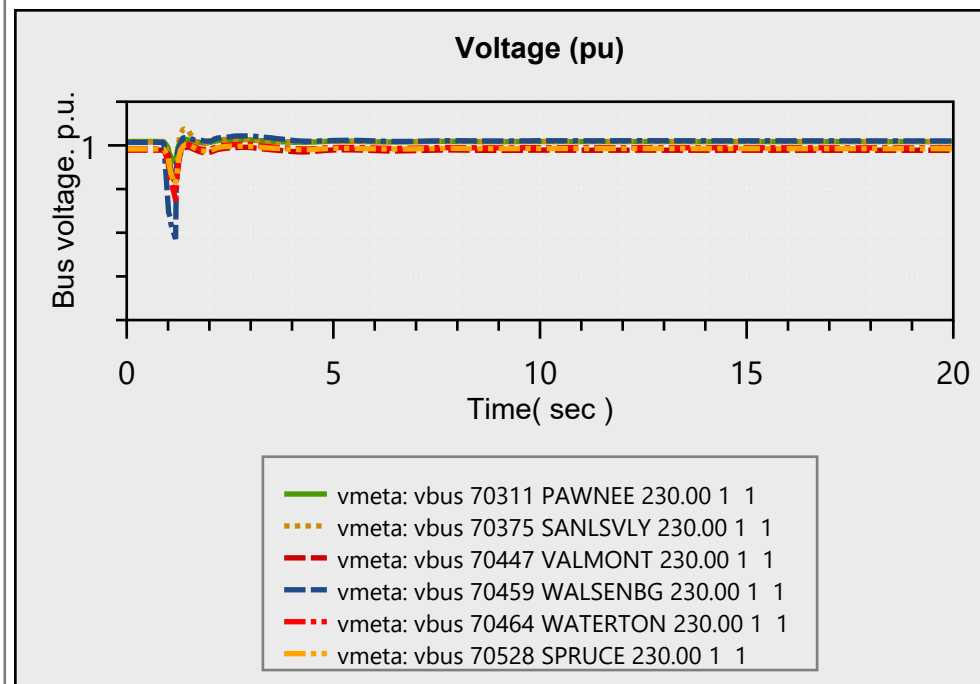
OUTPUTS



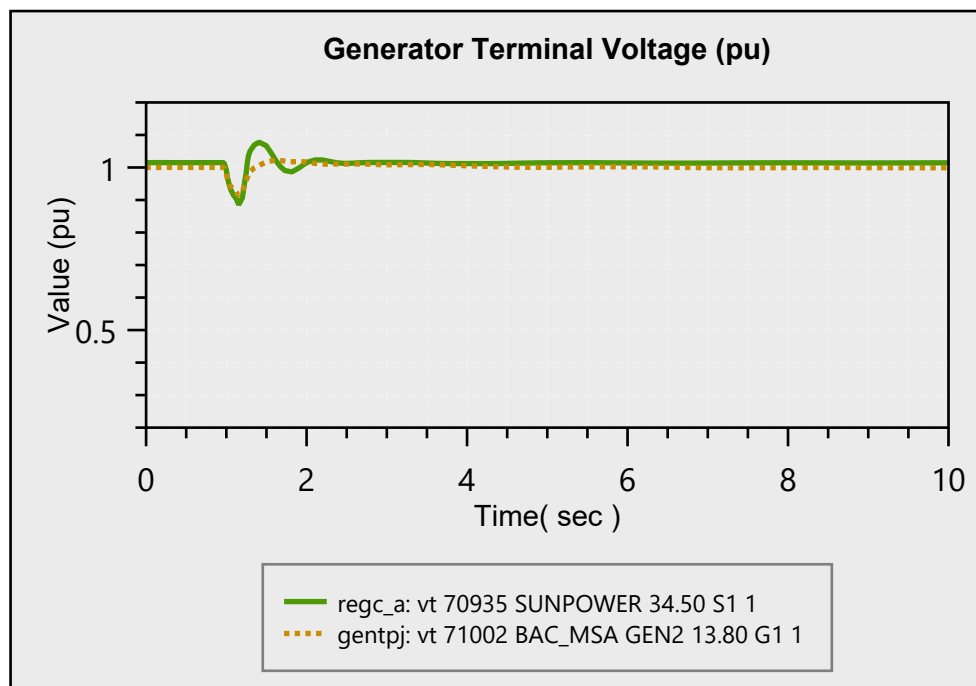
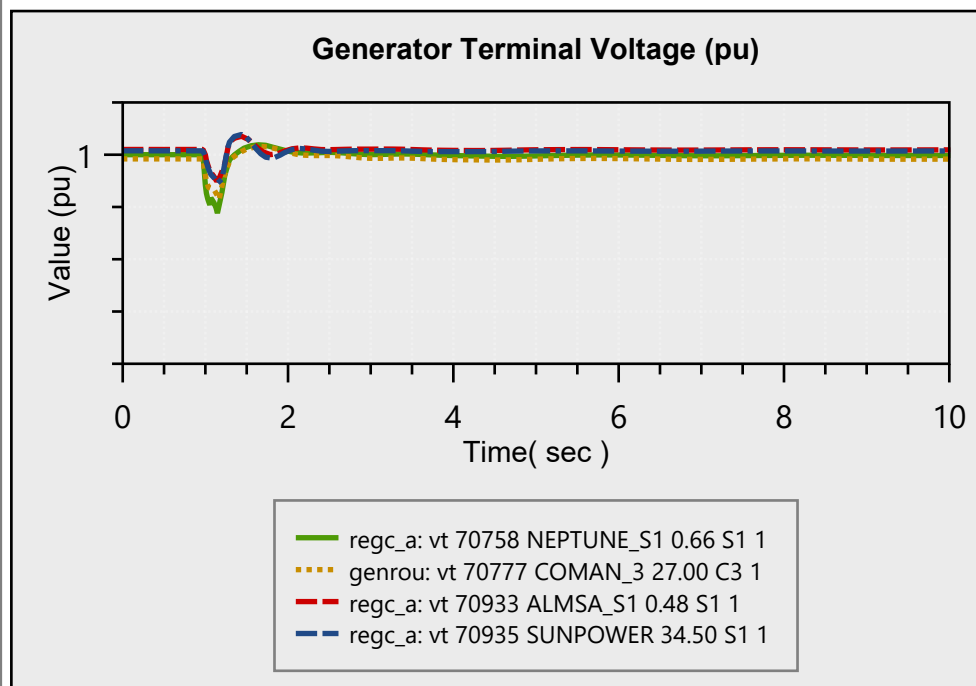
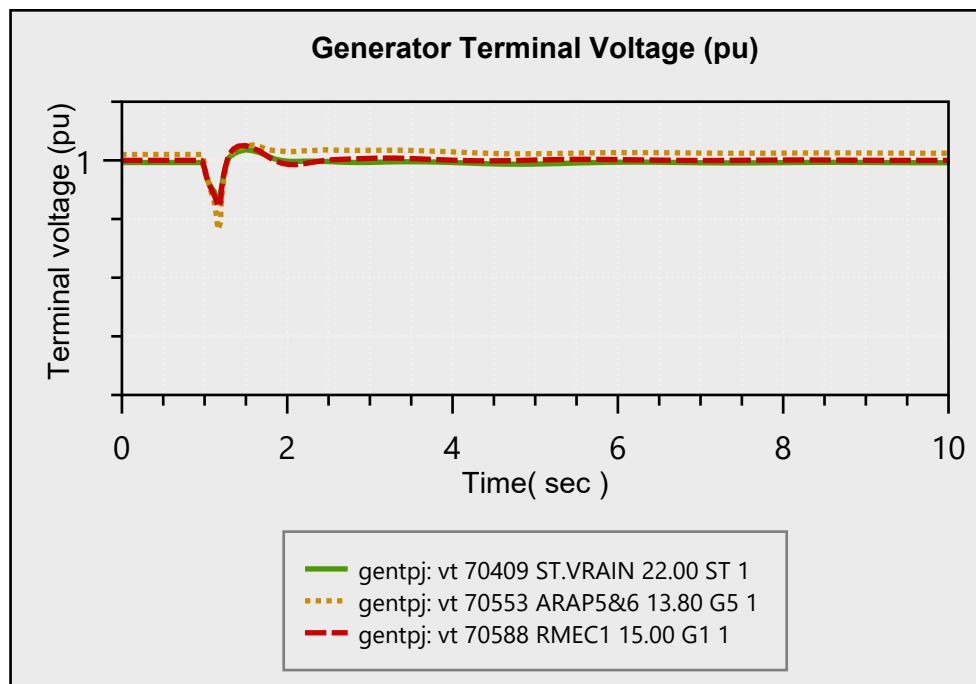
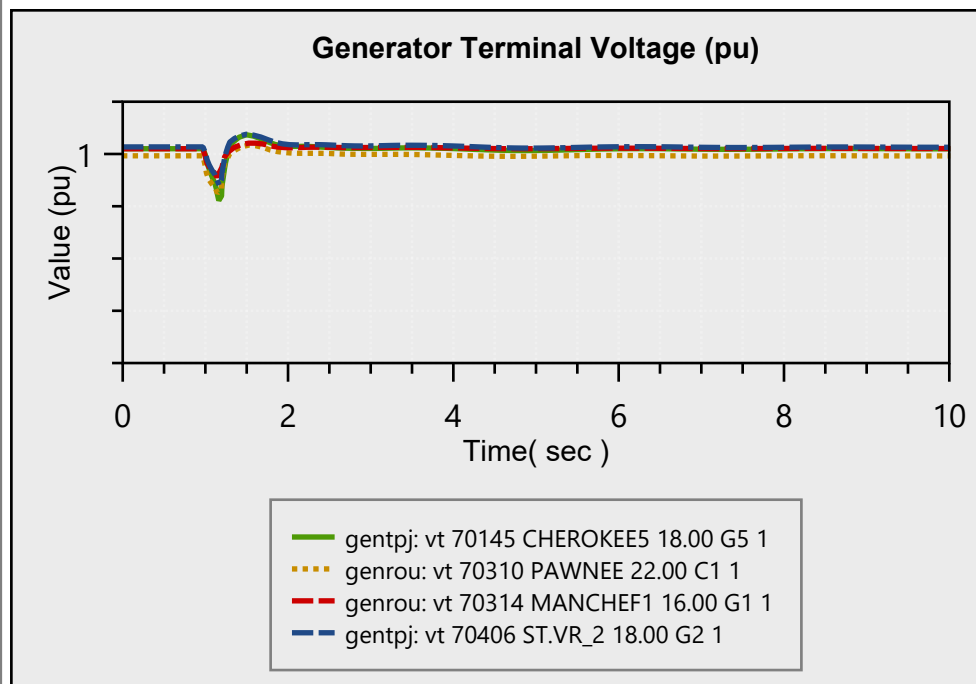
OUTPUTS



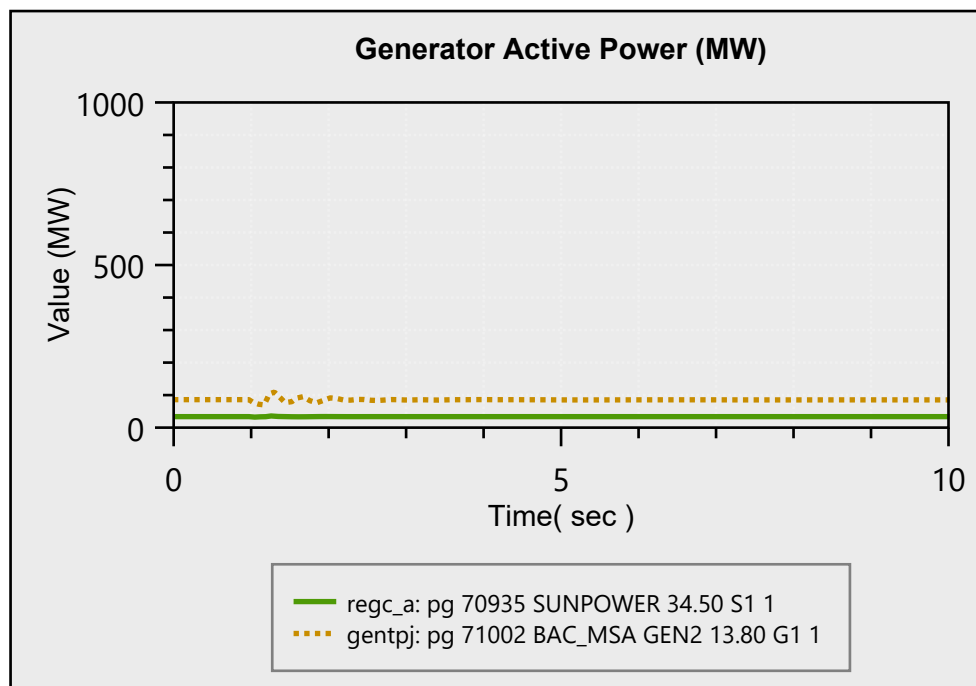
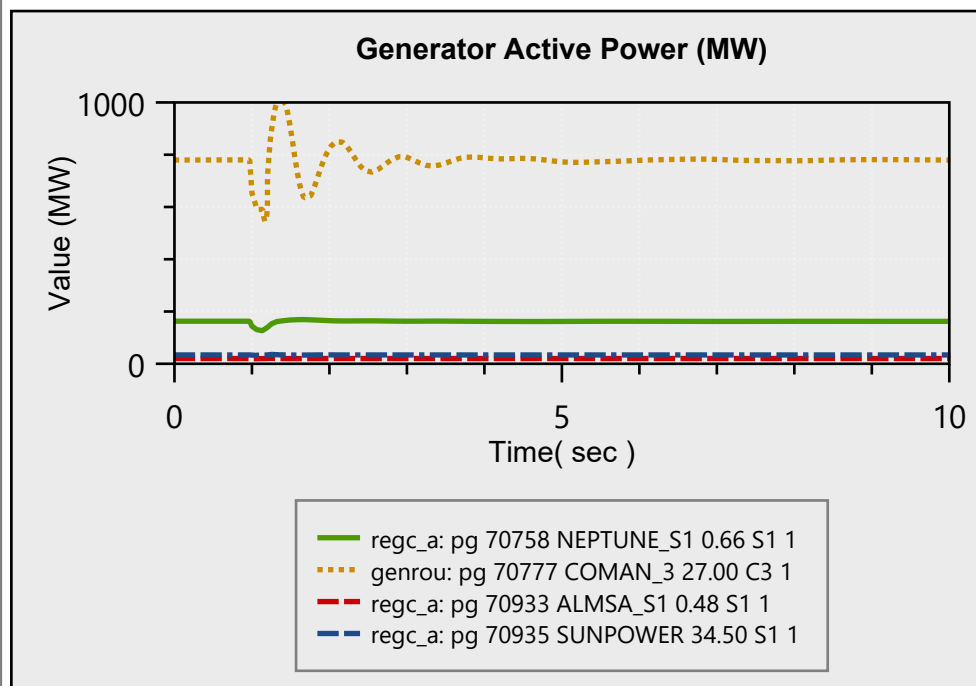
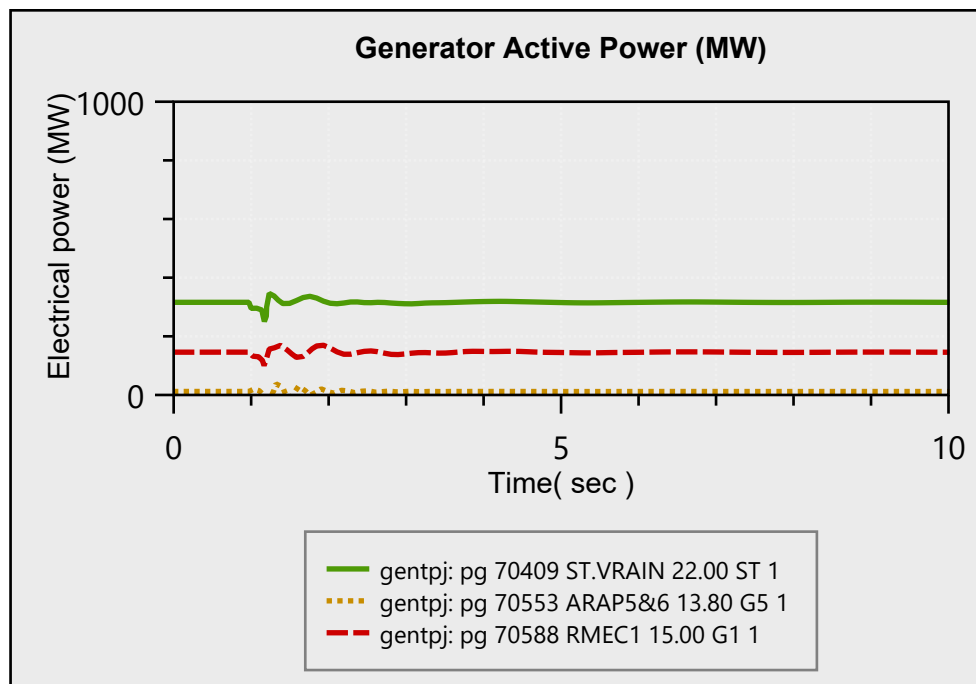
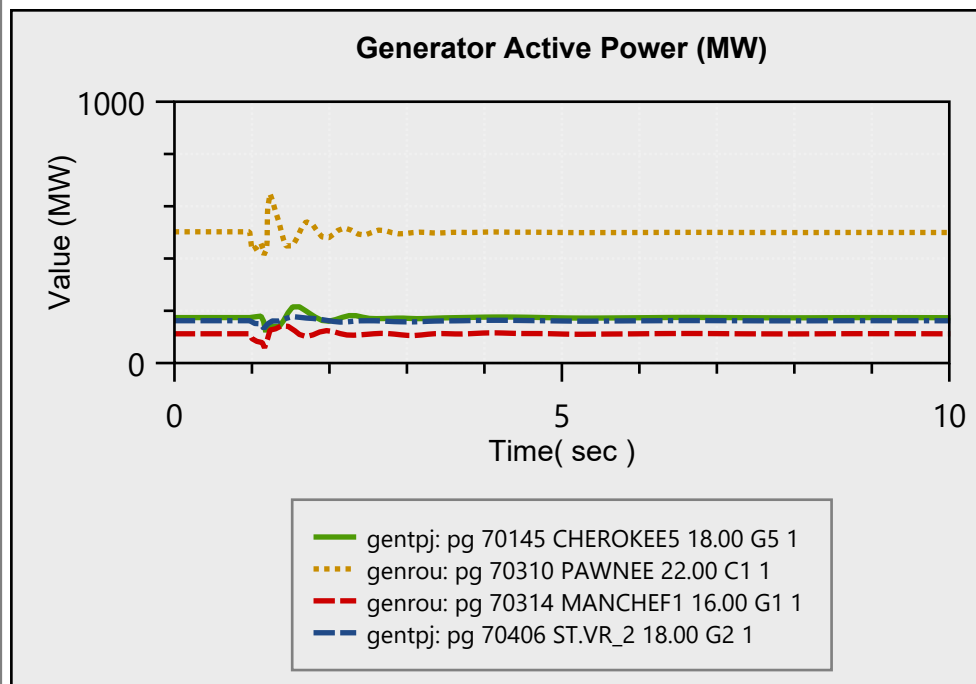
OUTPUTS



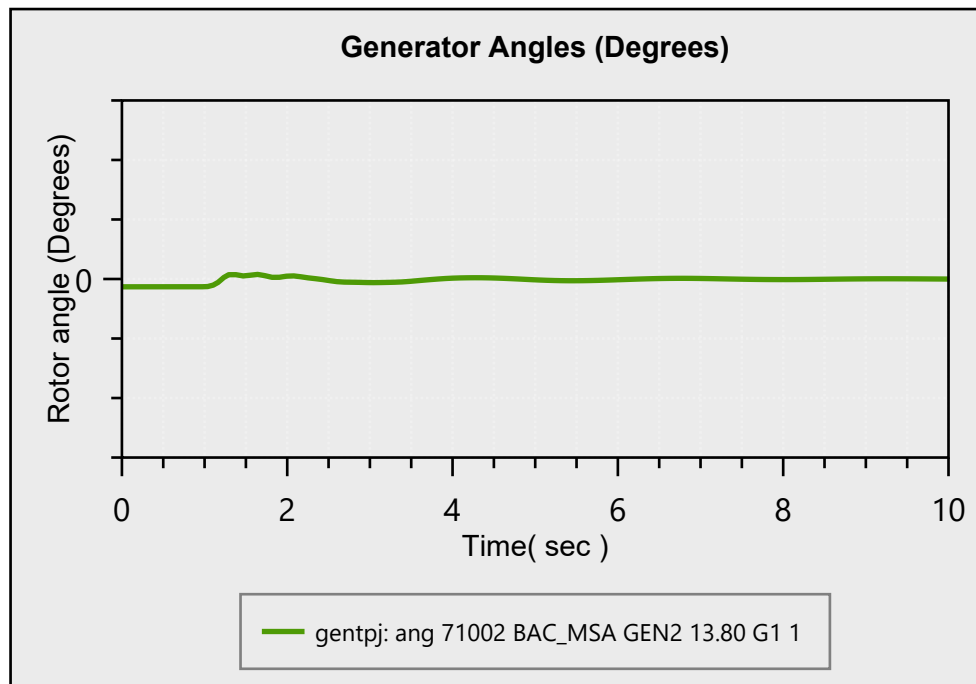
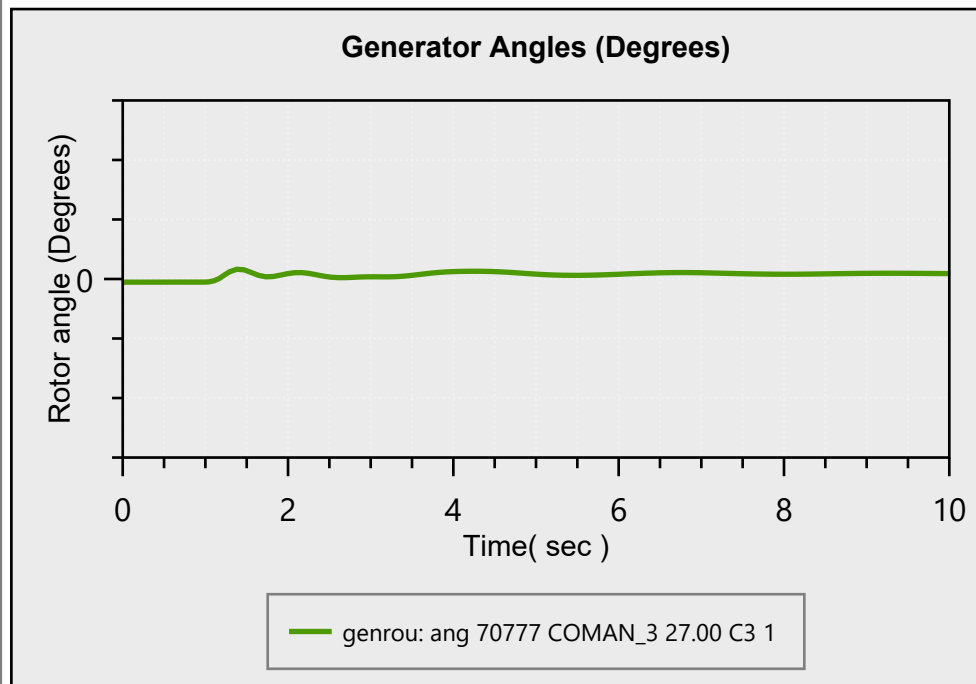
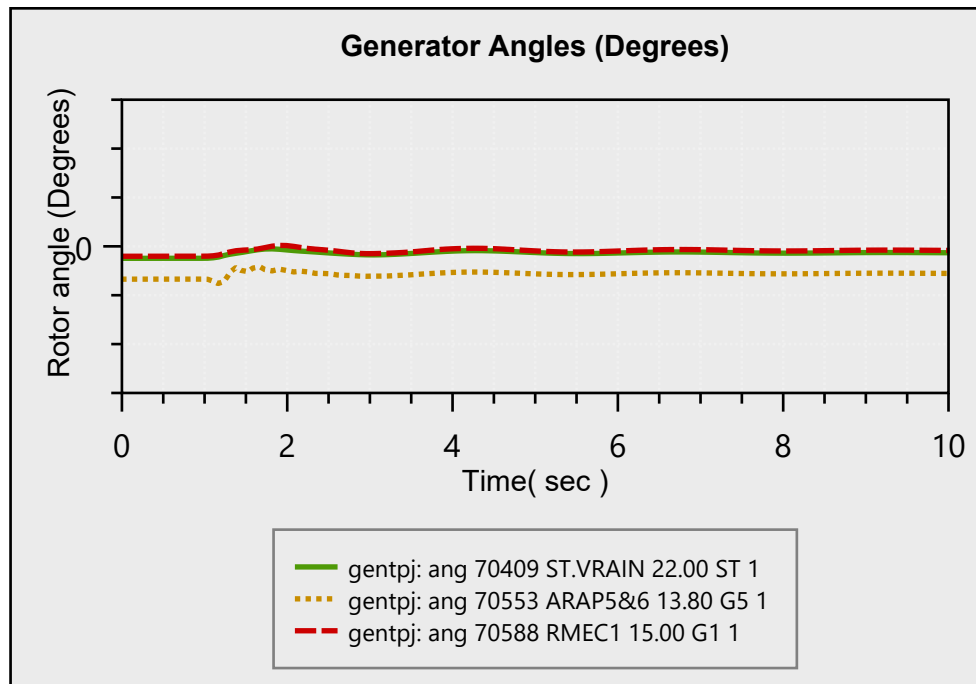
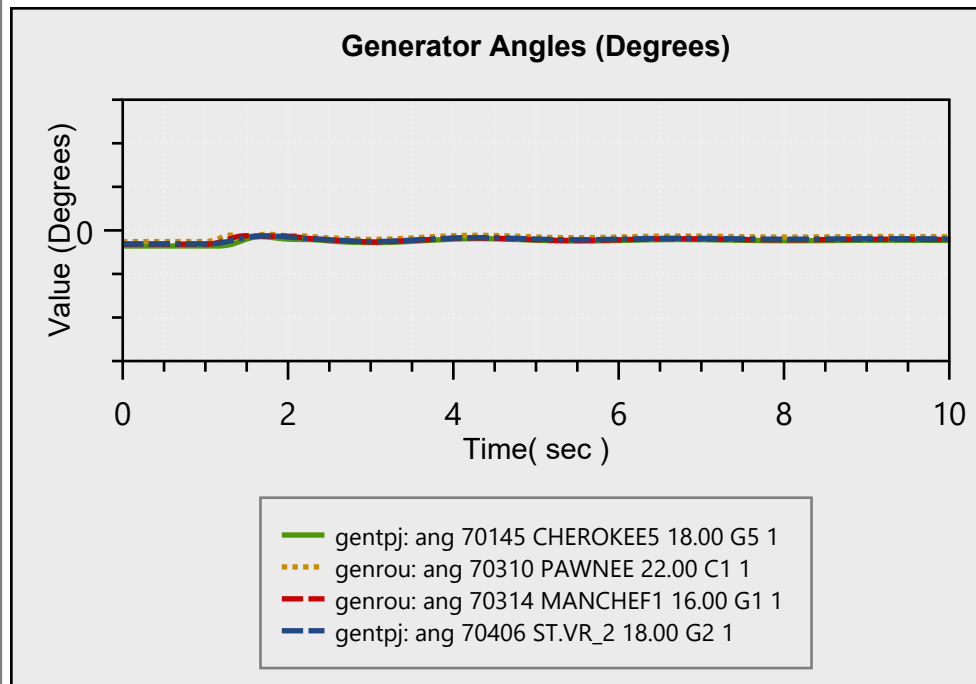
OUTPUTS



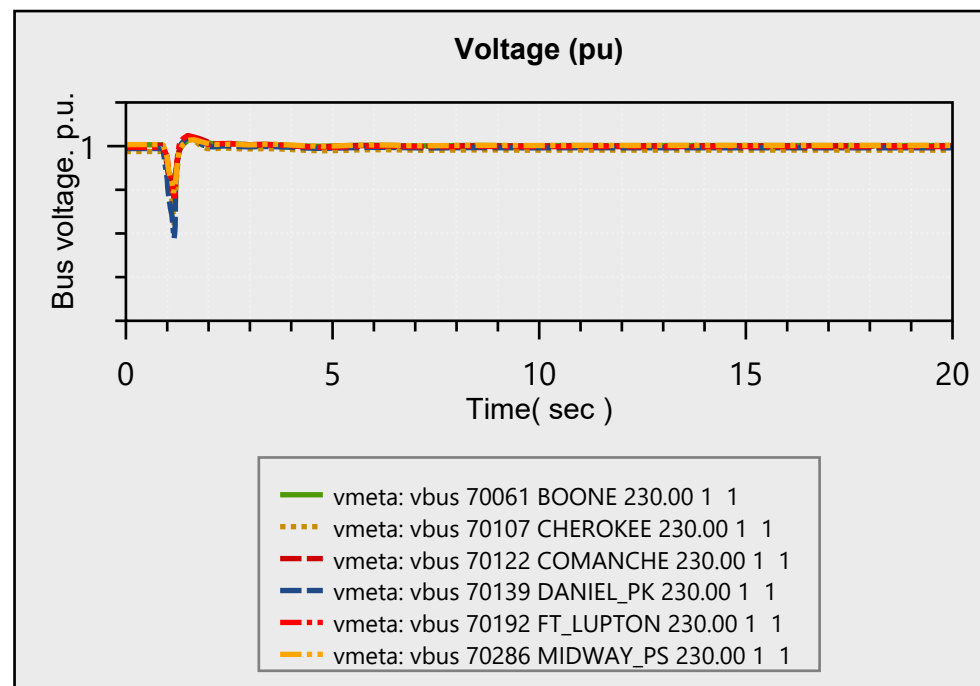
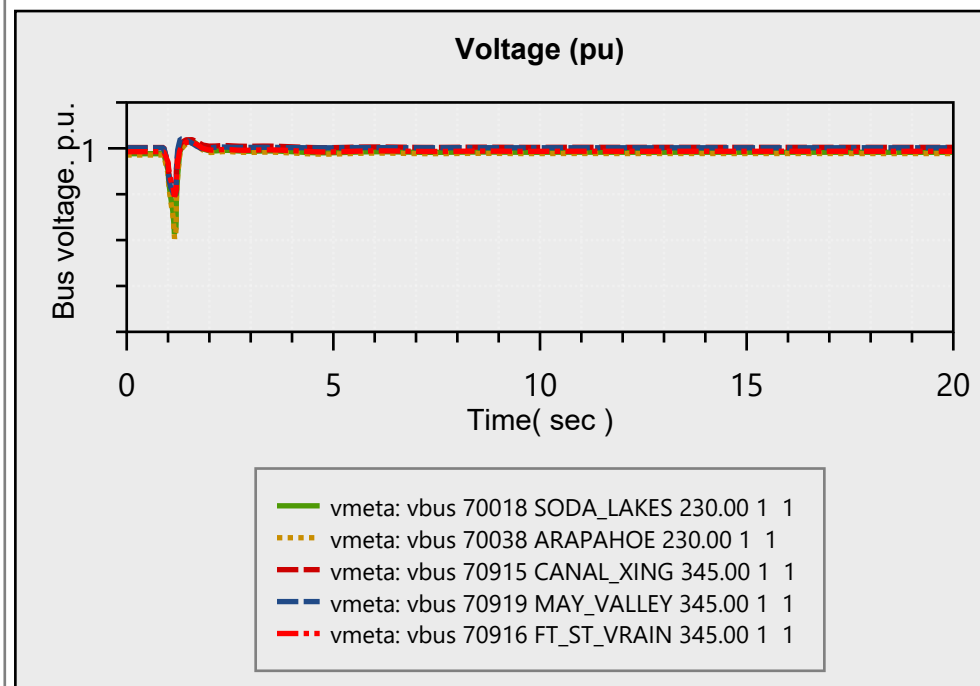
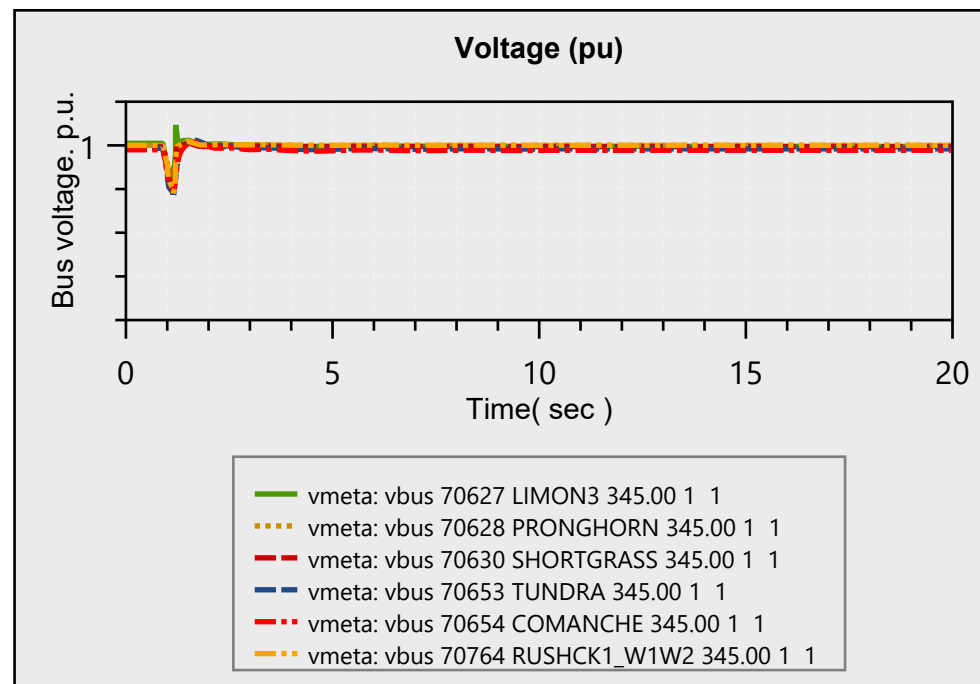
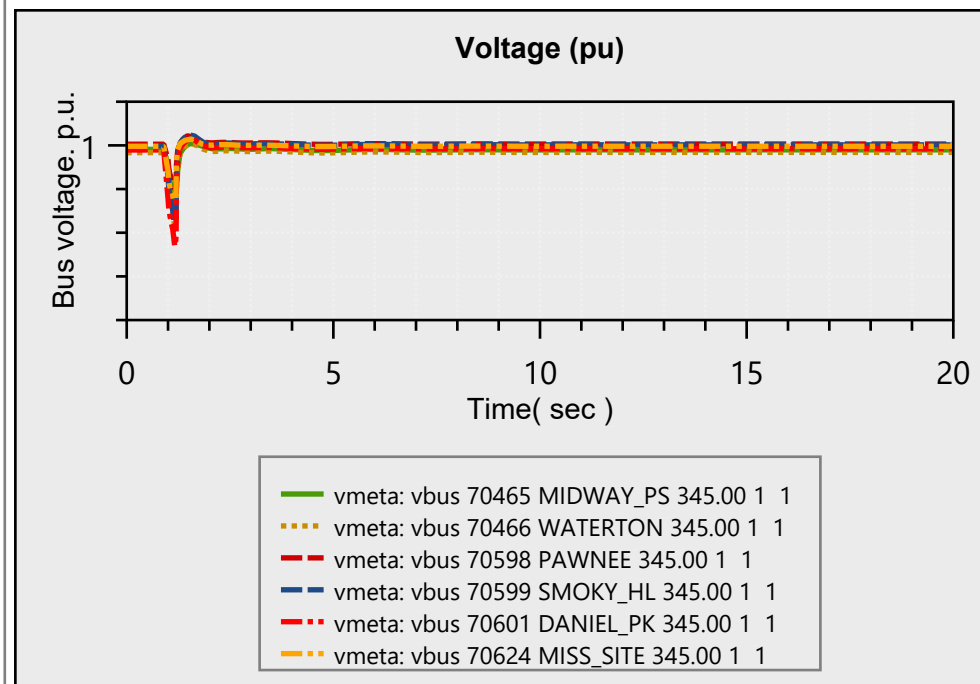
OUTPUTS



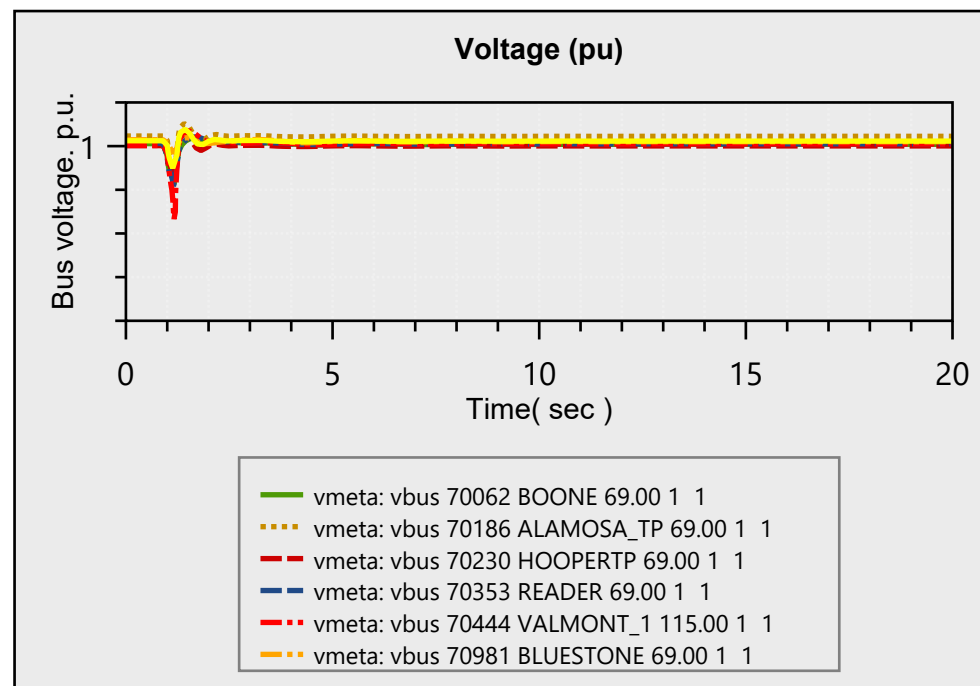
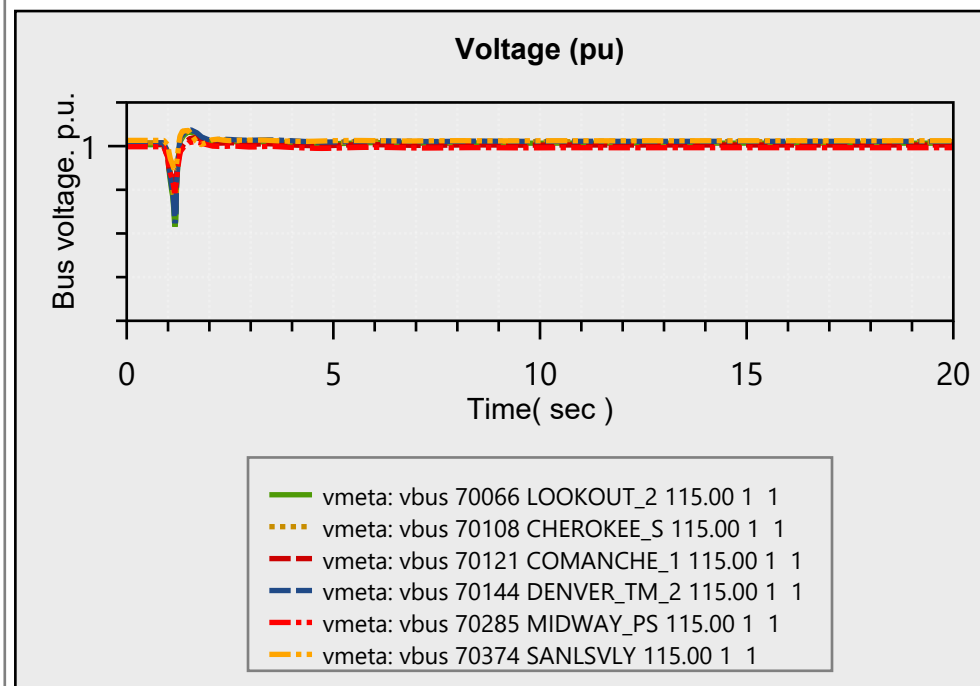
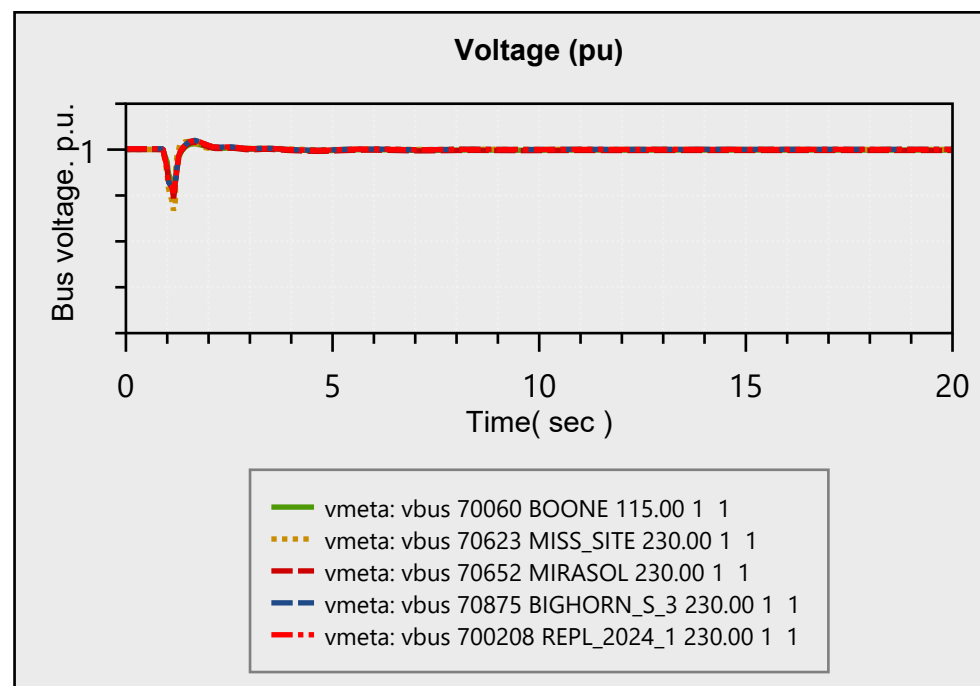
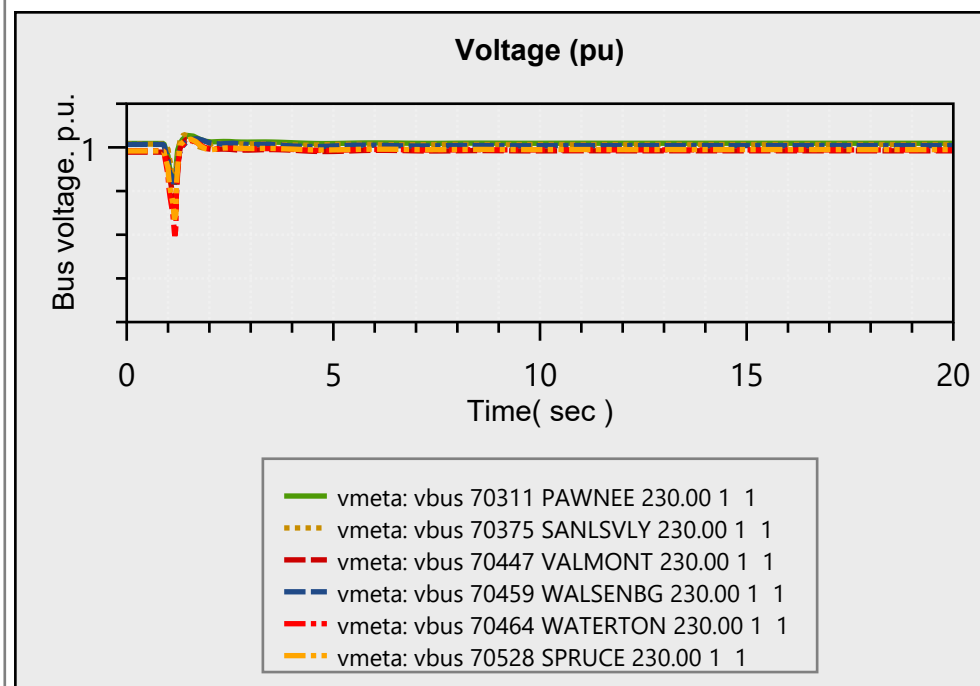
OUTPUTS



OUTPUTS

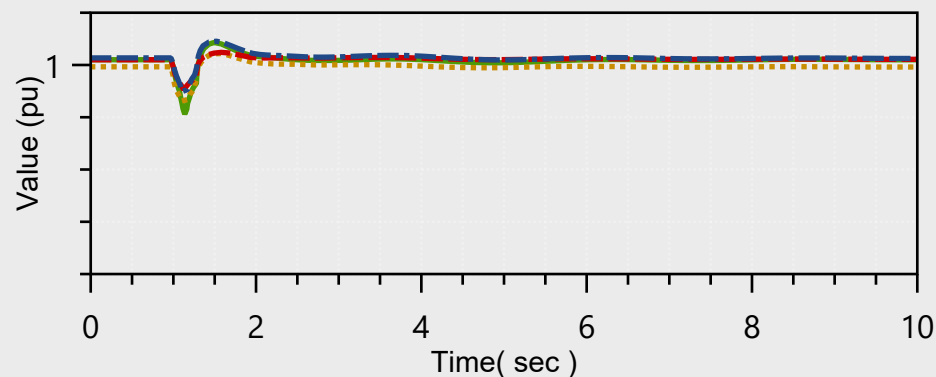


OUTPUTS



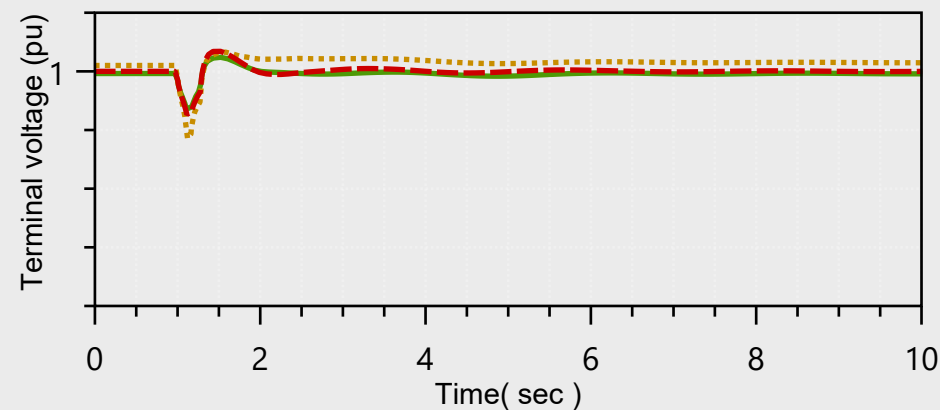
OUTPUTS

Generator Terminal Voltage (pu)



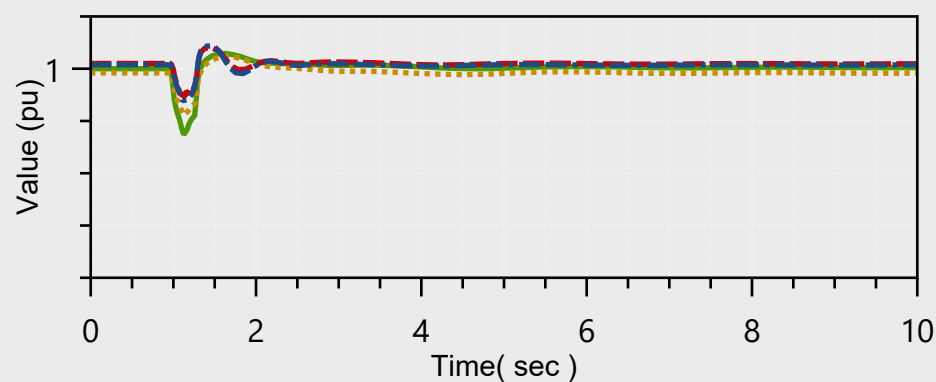
gentpj: vt 70145 CHEROKEE5 18.00 G5 1
 genrou: vt 70310 PAWNEE 22.00 C1 1
 genrou: vt 70314 MANCHEF1 16.00 G1 1
 gentpj: vt 70406 ST.VR_2 18.00 G2 1

Generator Terminal Voltage (pu)



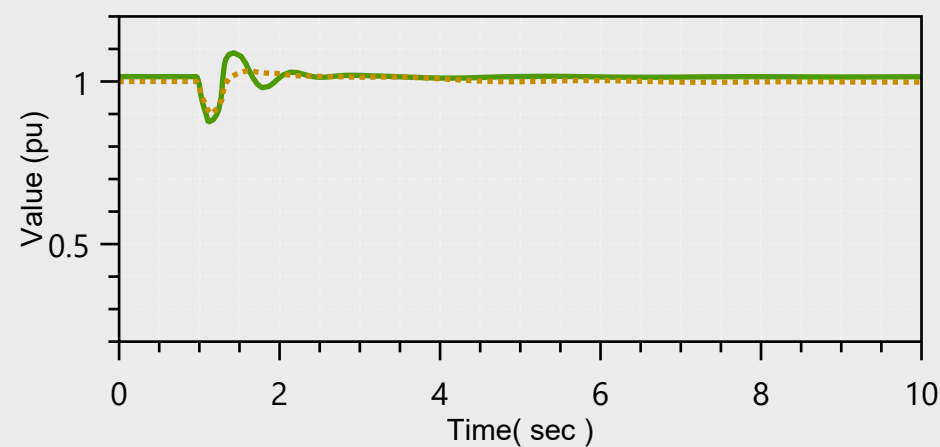
gentpj: vt 70409 ST.VRAIN 22.00 ST 1
 gentpj: vt 70553 ARAP5&6 13.80 G5 1
 gentpj: vt 70588 RMEC1 15.00 G1 1

Generator Terminal Voltage (pu)



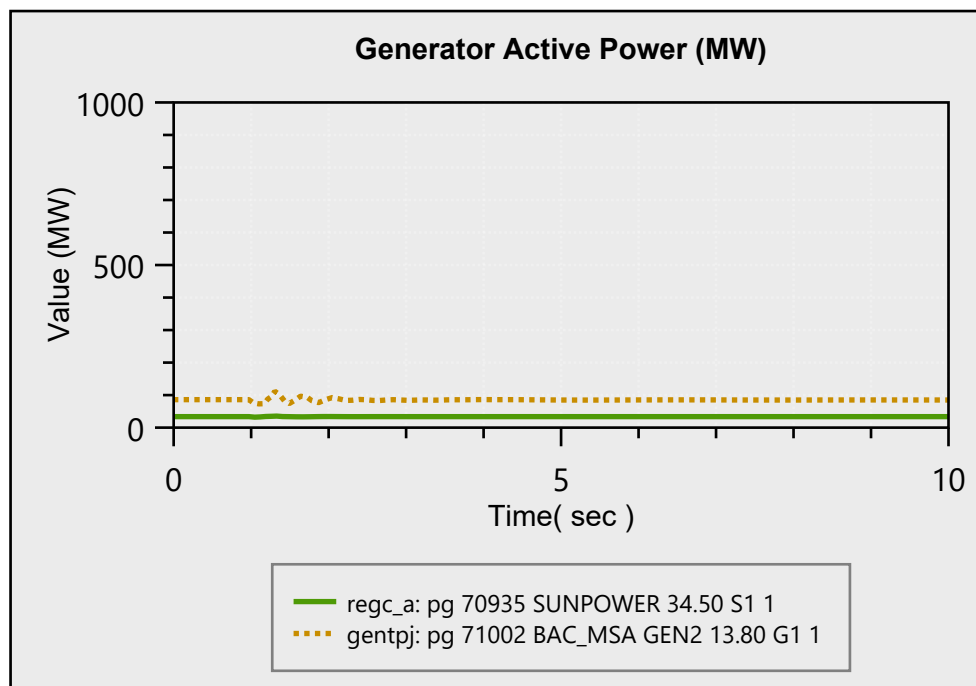
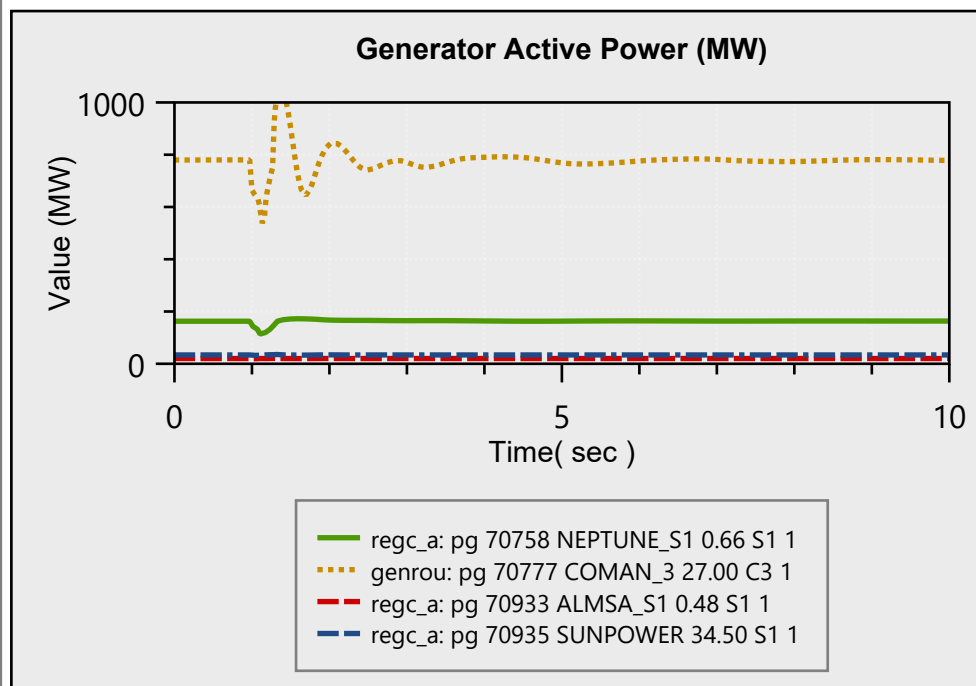
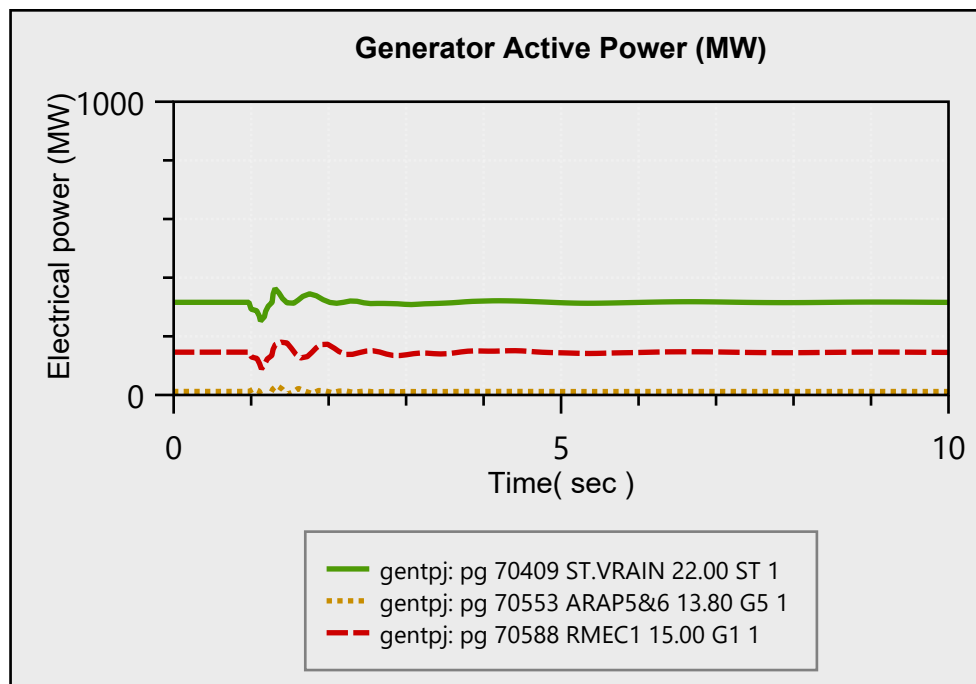
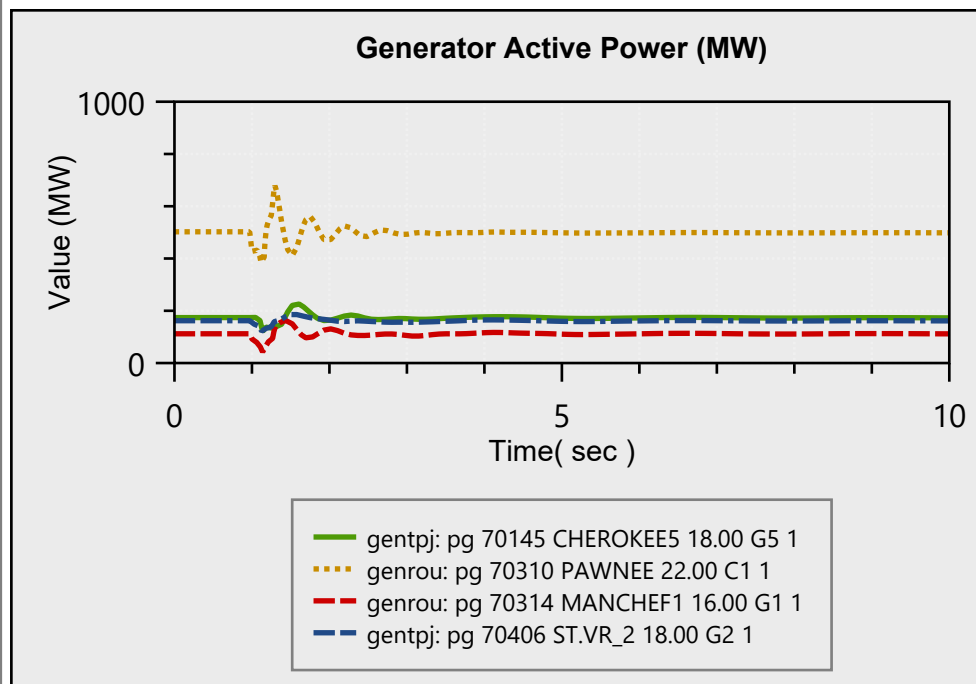
regc_a: vt 70758 NEPTUNE_S1 0.66 S1 1
 genrou: vt 70777 COMAN_3 27.00 C3 1
 regc_a: vt 70933 ALMSA_S1 0.48 S1 1
 regc_a: vt 70935 SUNPOWER 34.50 S1 1

Generator Terminal Voltage (pu)

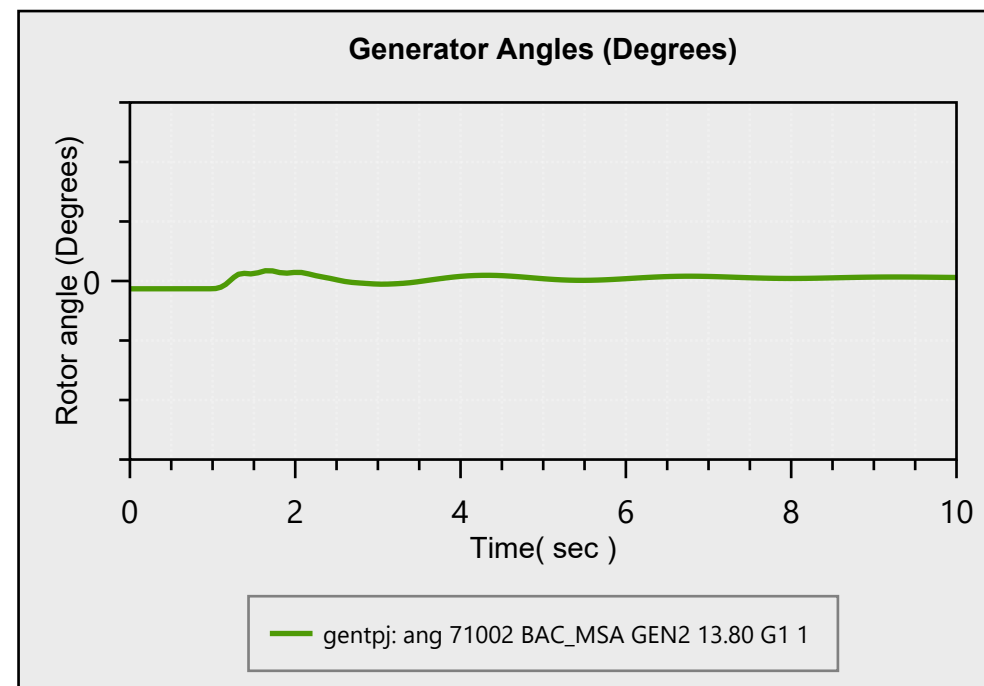
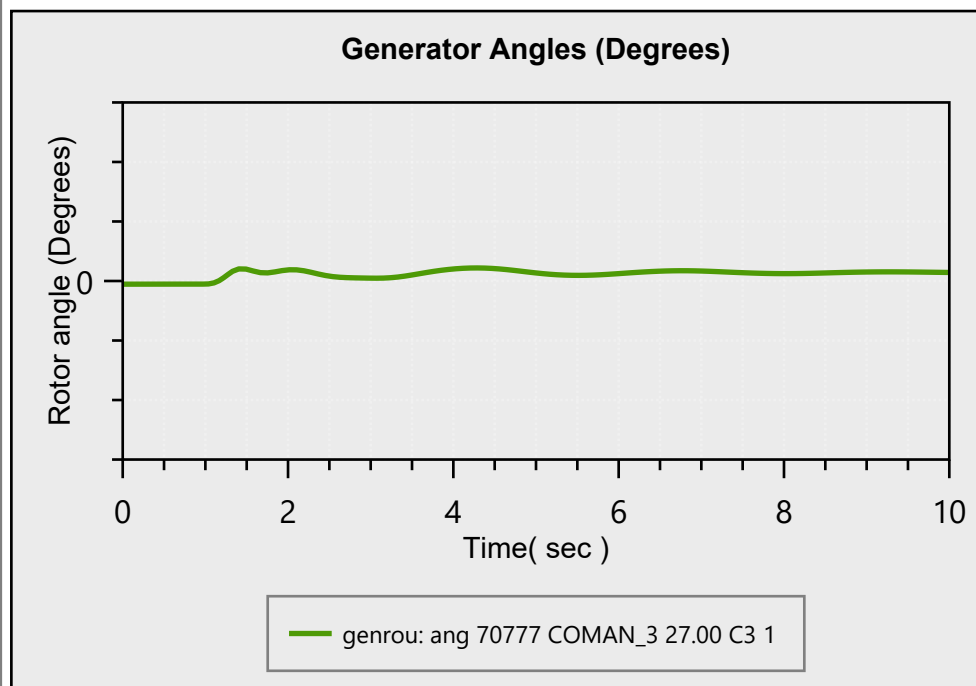
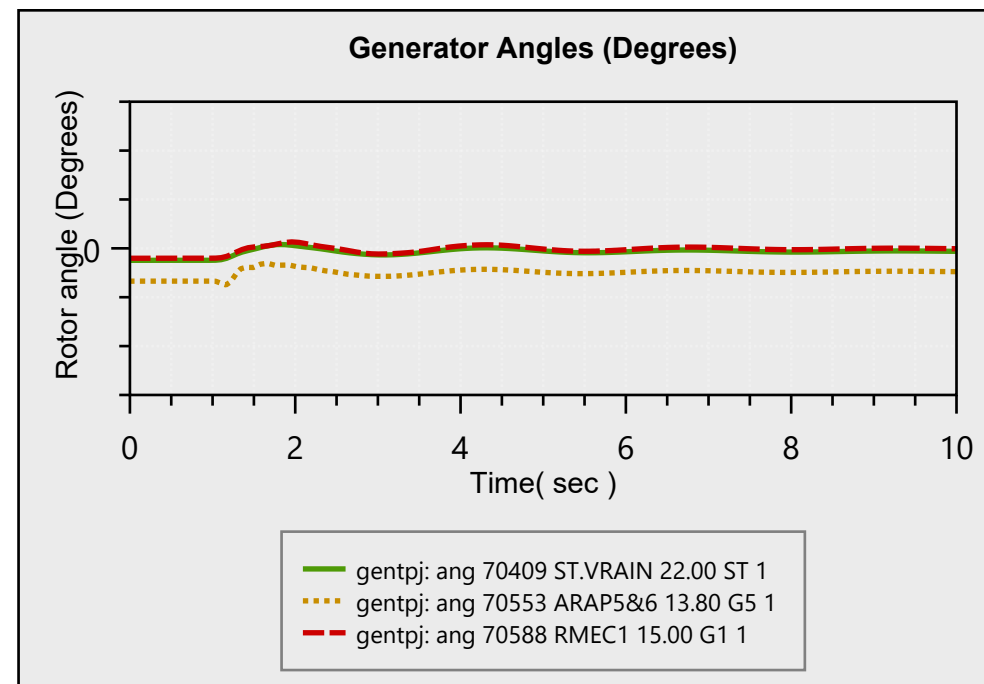
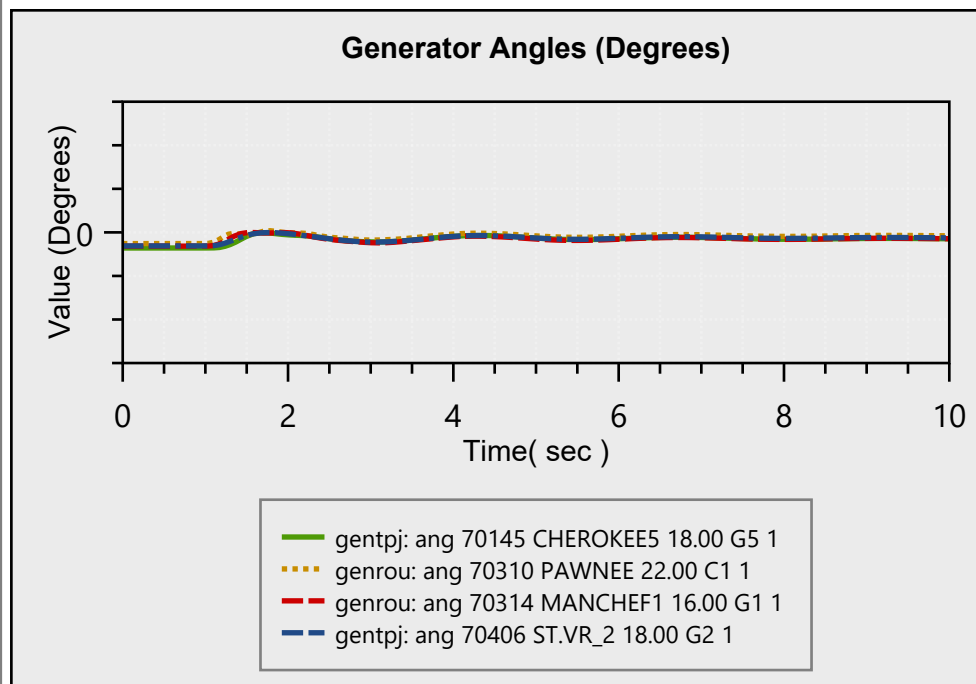


regc_a: vt 70935 SUNPOWER 34.50 S1 1
 gentpj: vt 71002 BAC_MSA GEN2 13.80 G1 1

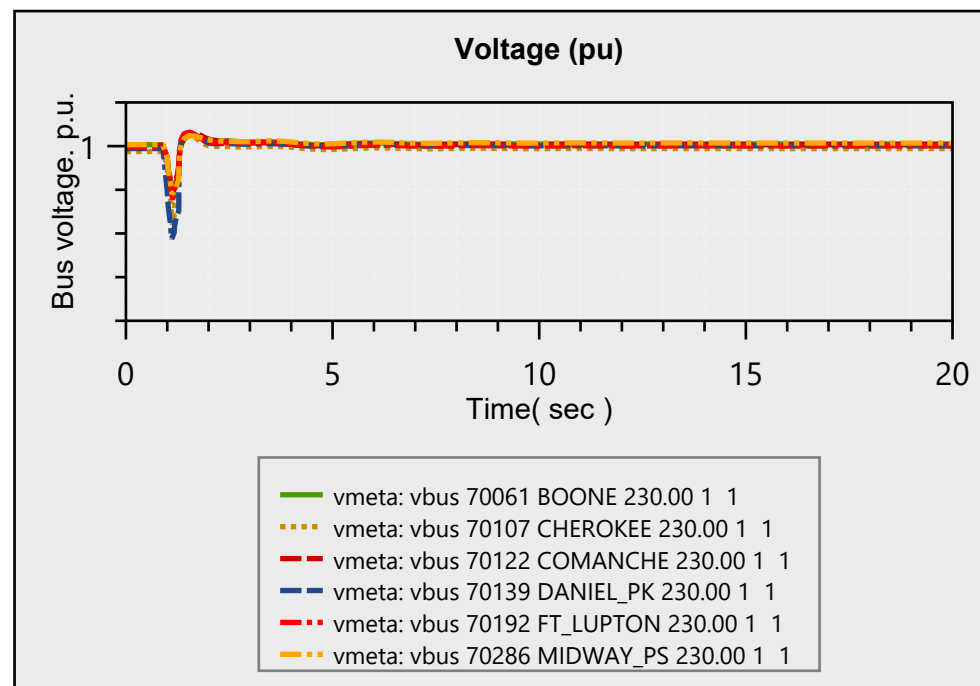
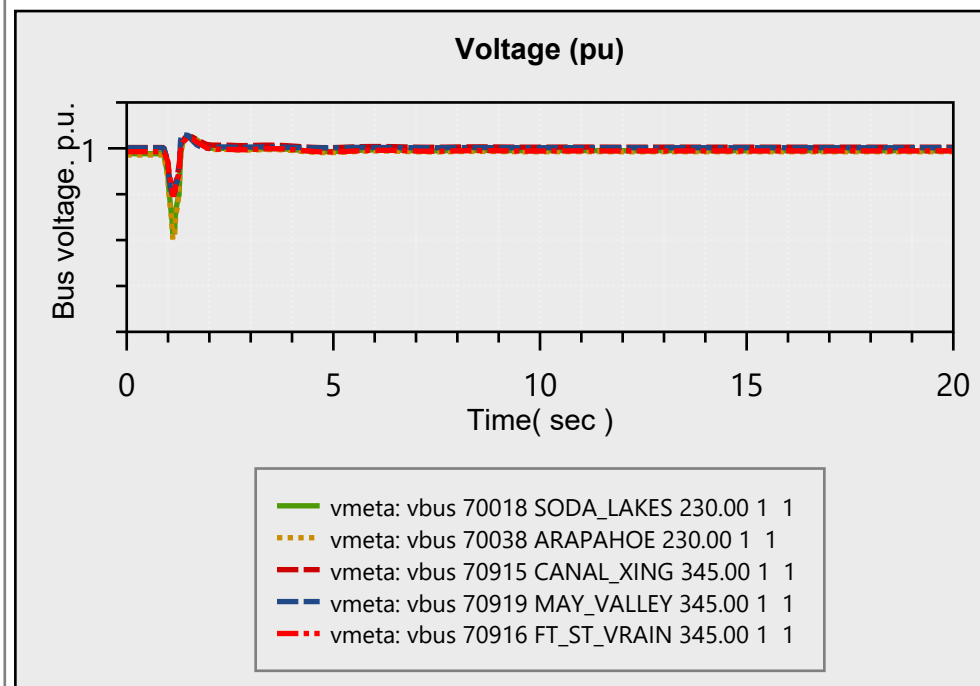
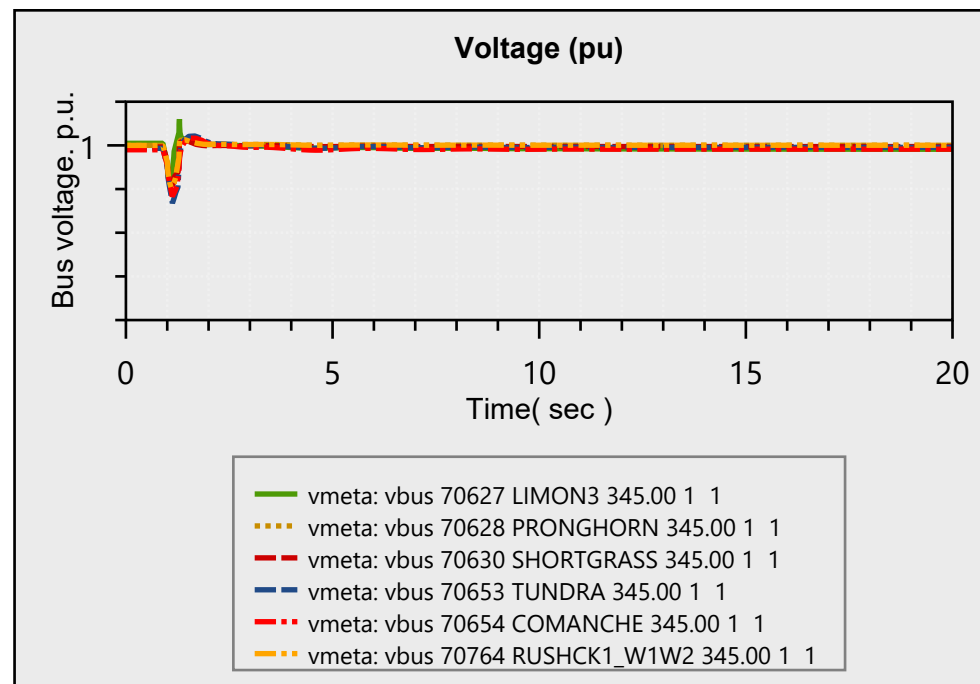
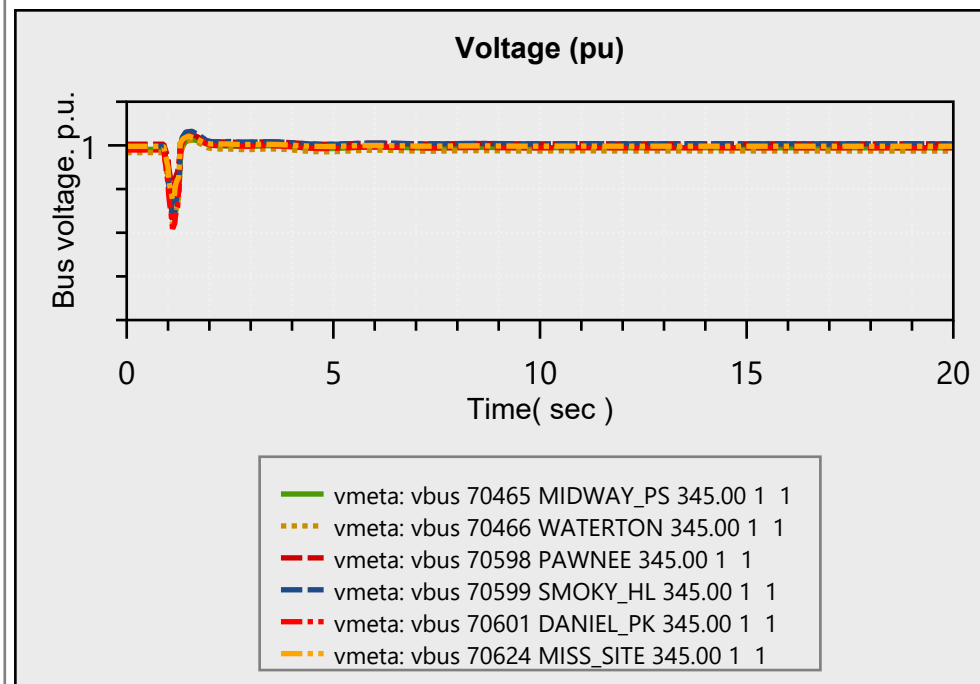
OUTPUTS



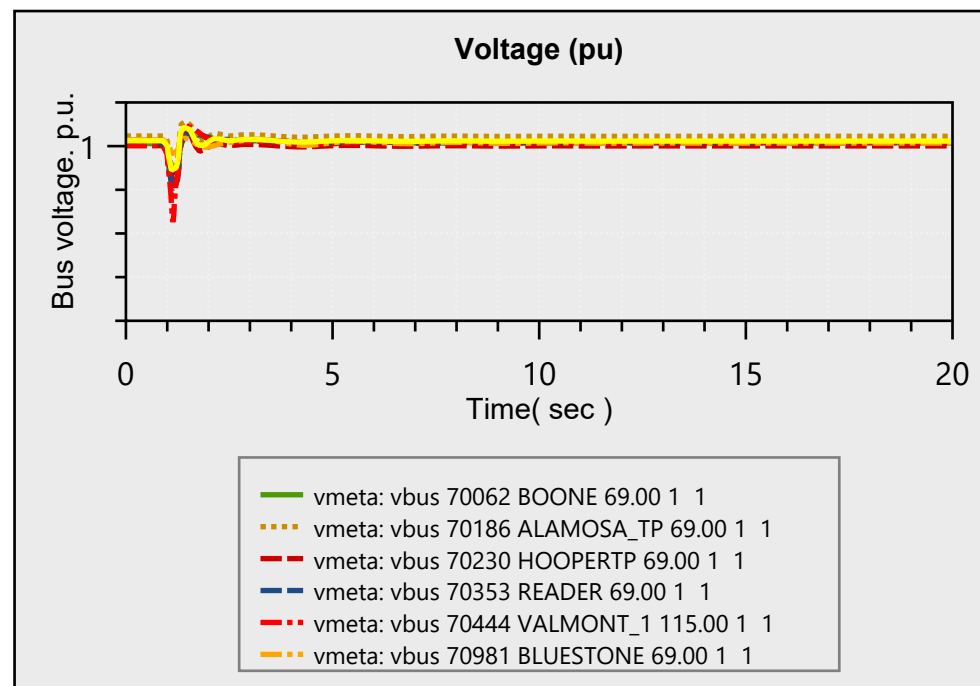
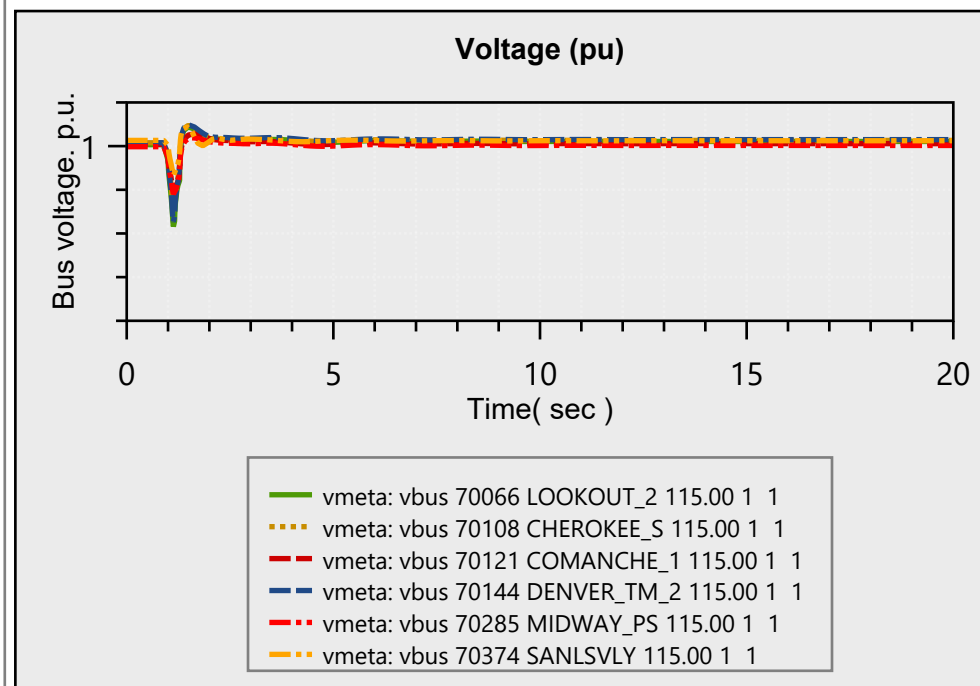
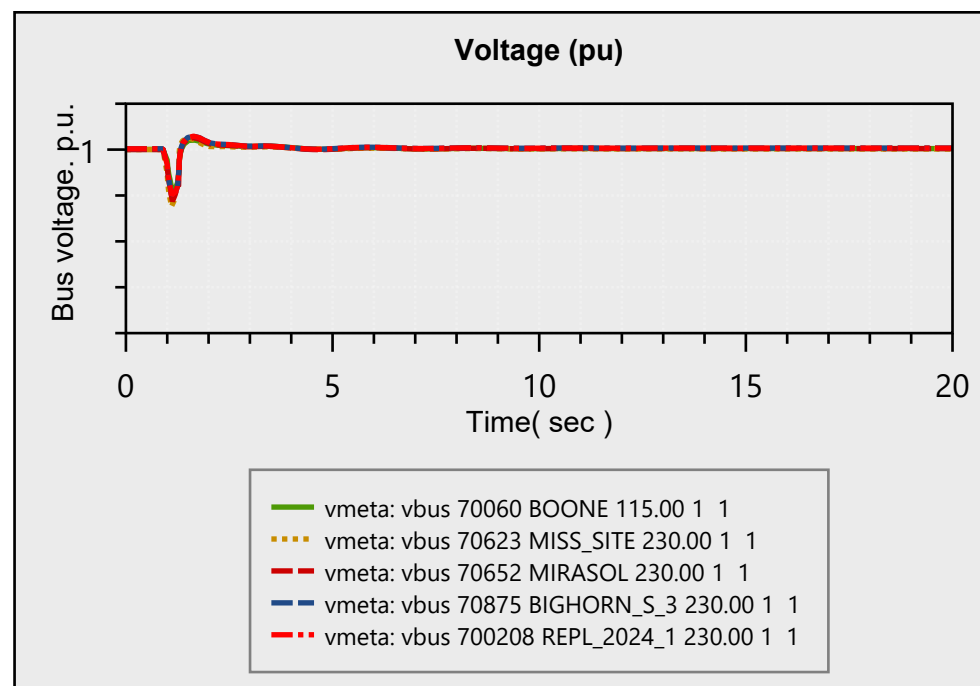
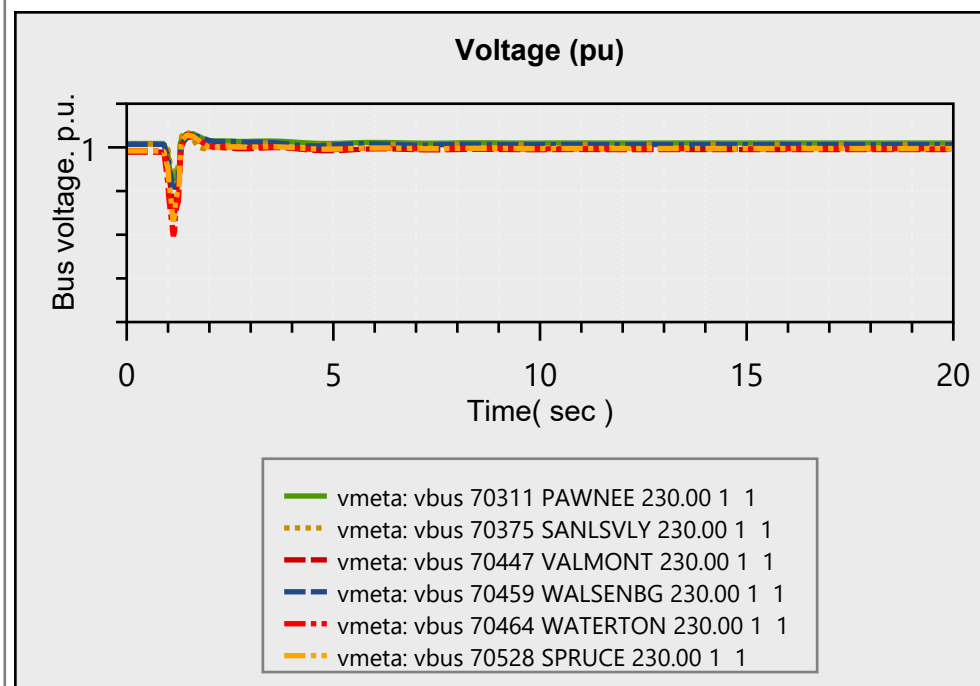
OUTPUTS



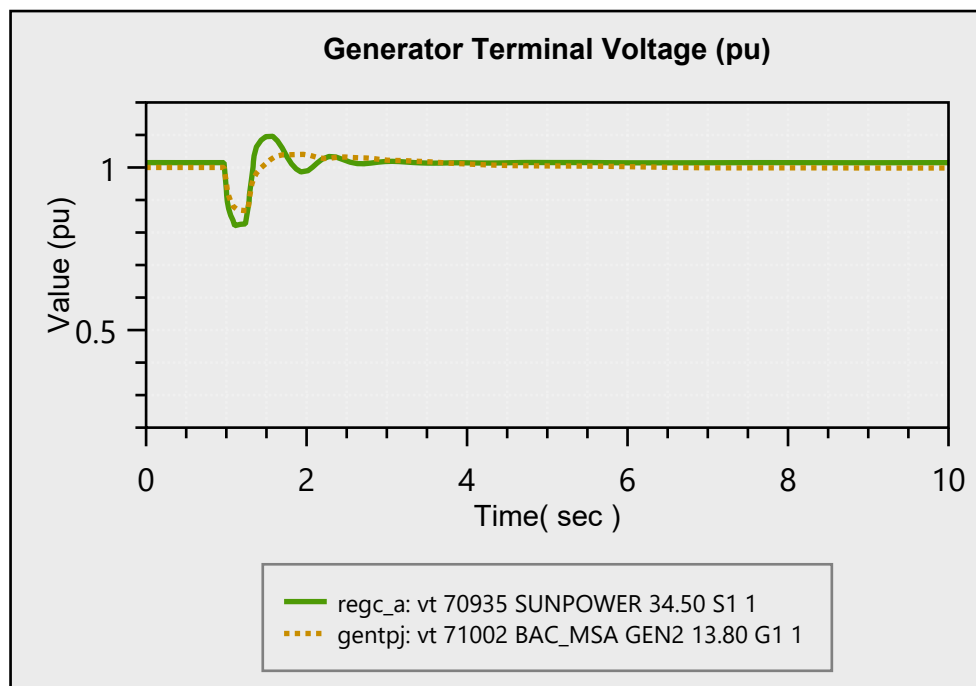
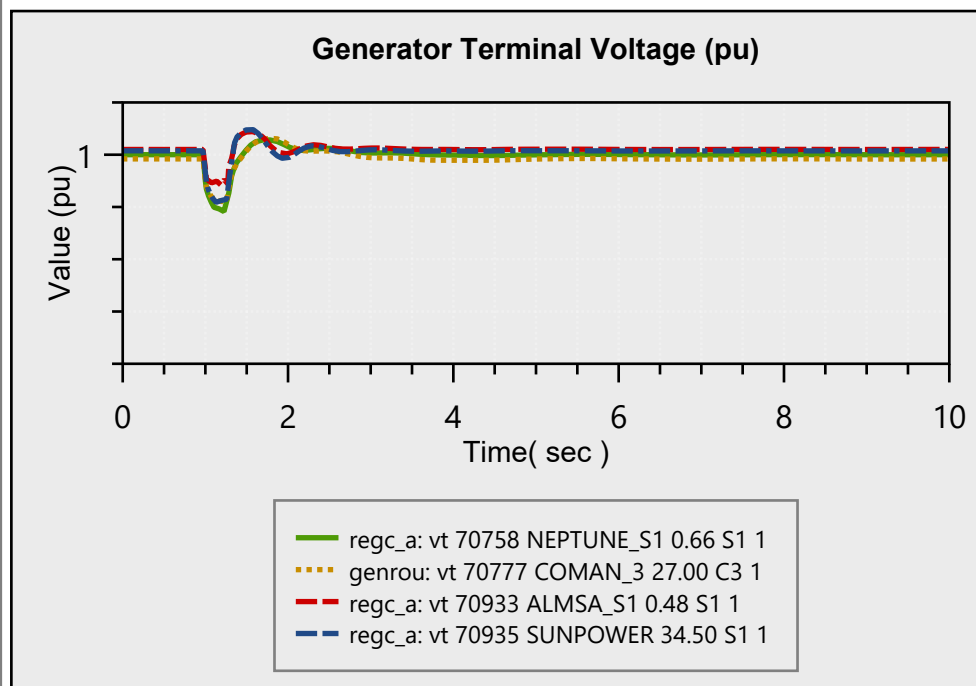
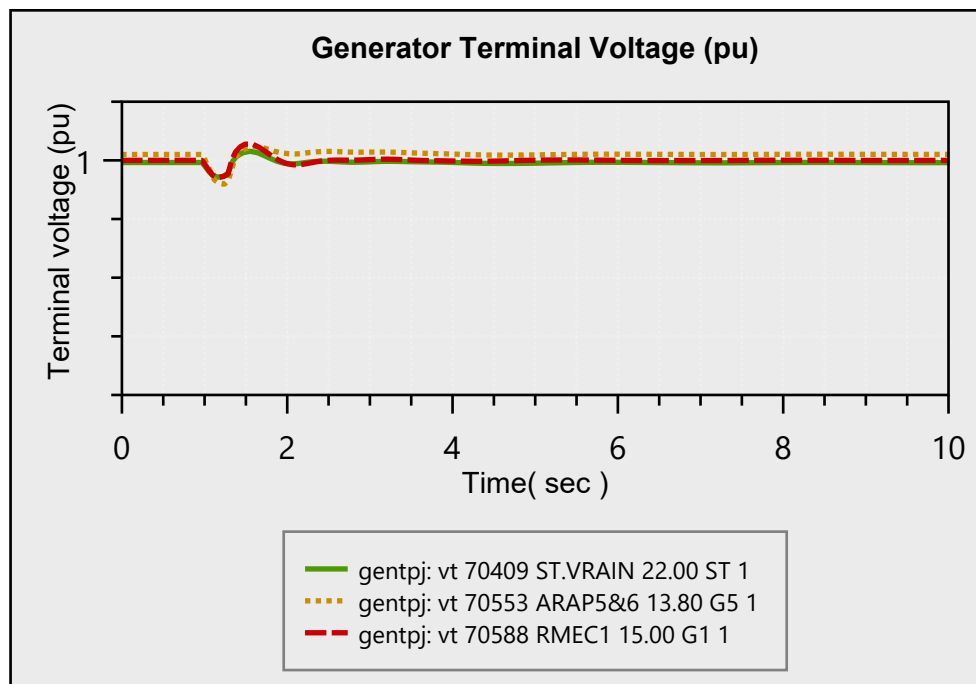
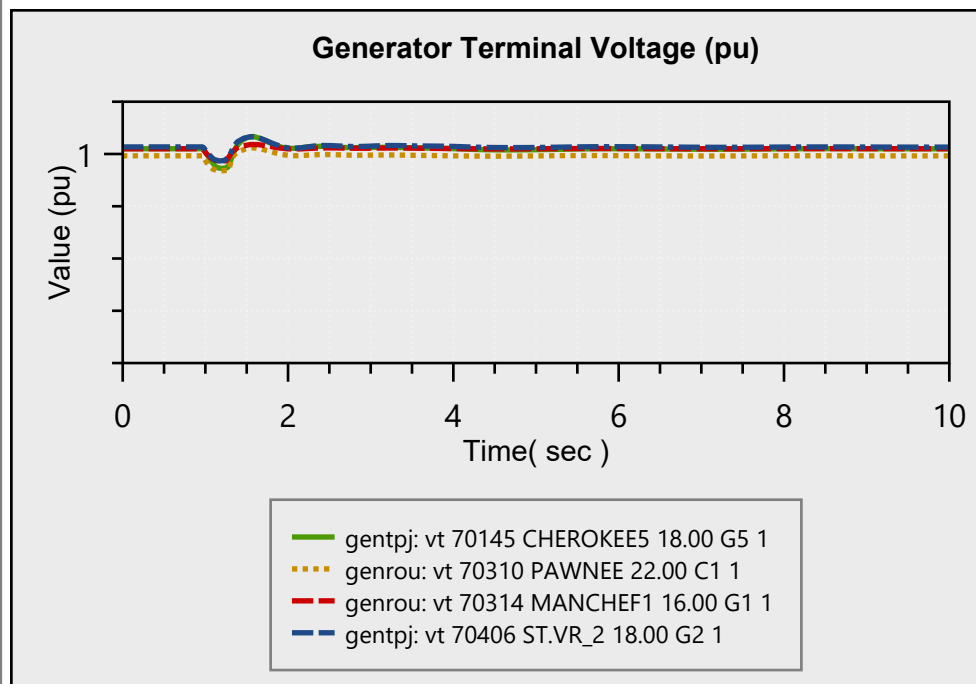
OUTPUTS



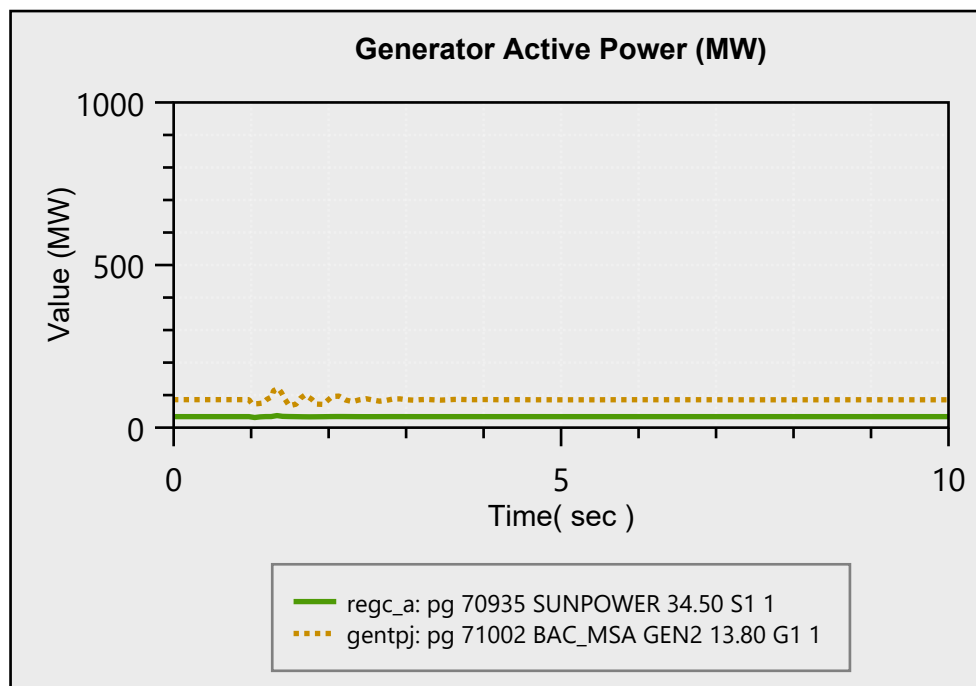
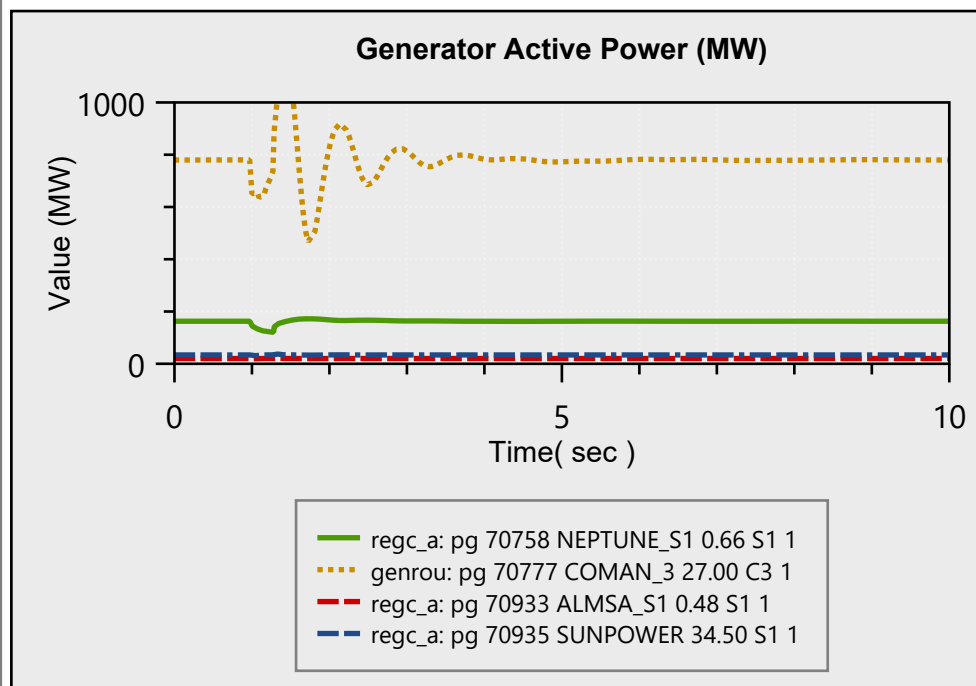
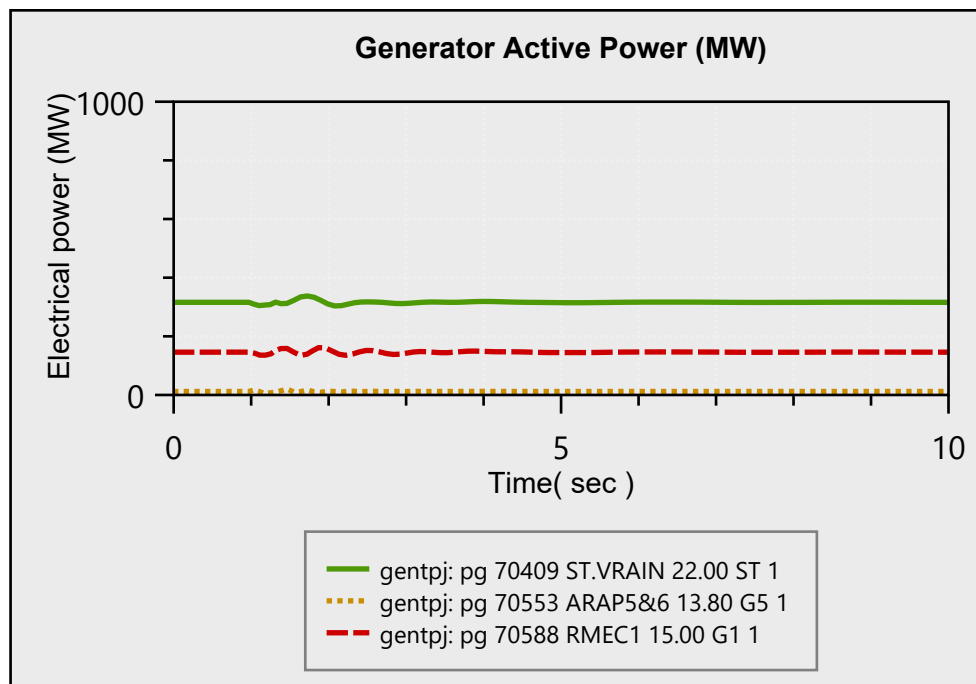
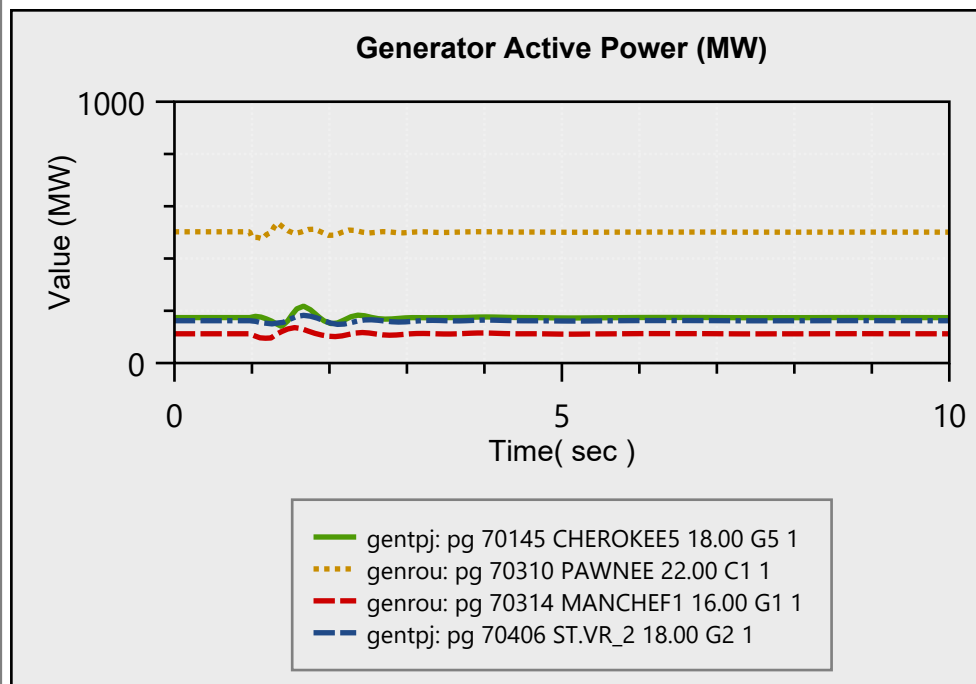
OUTPUTS



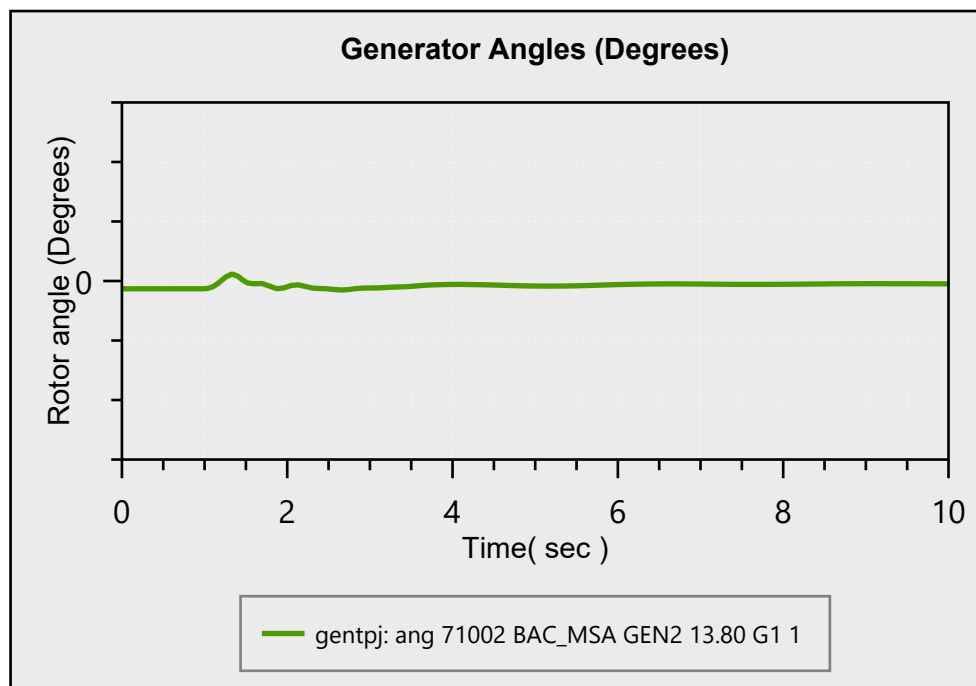
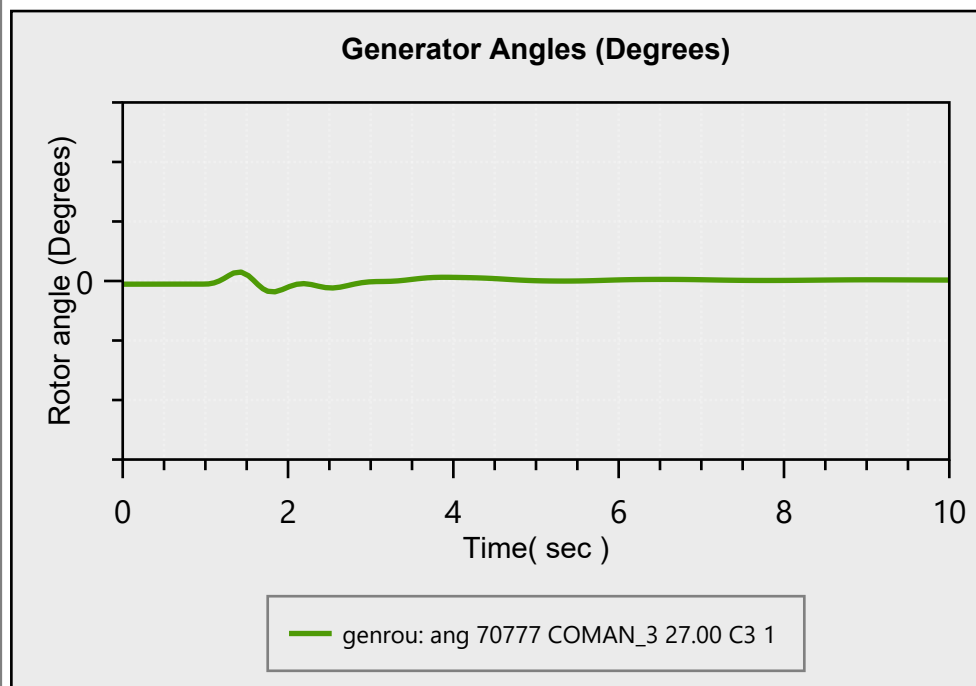
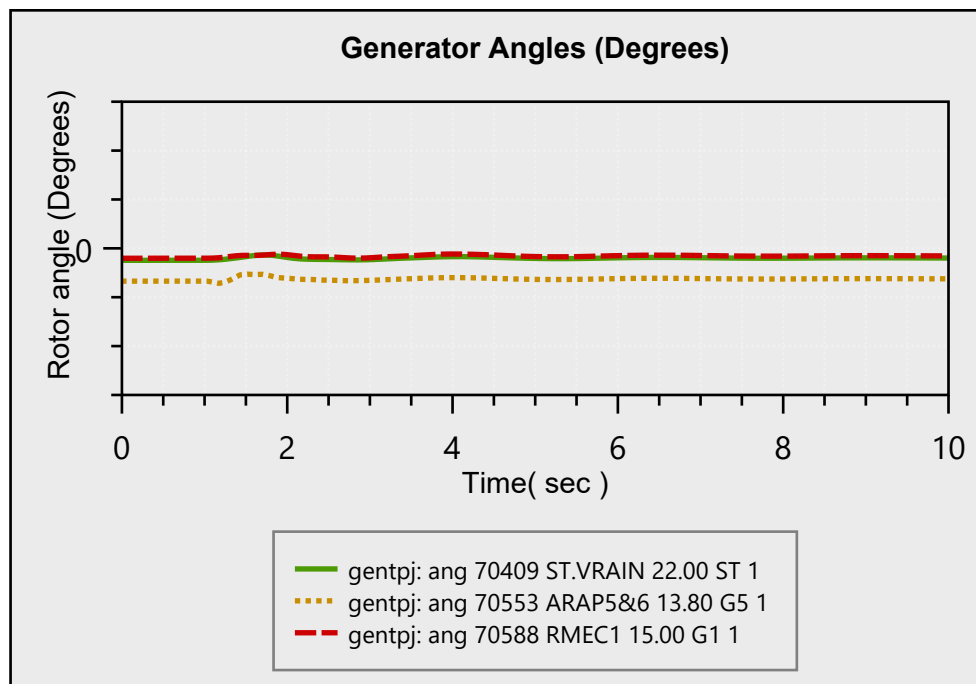
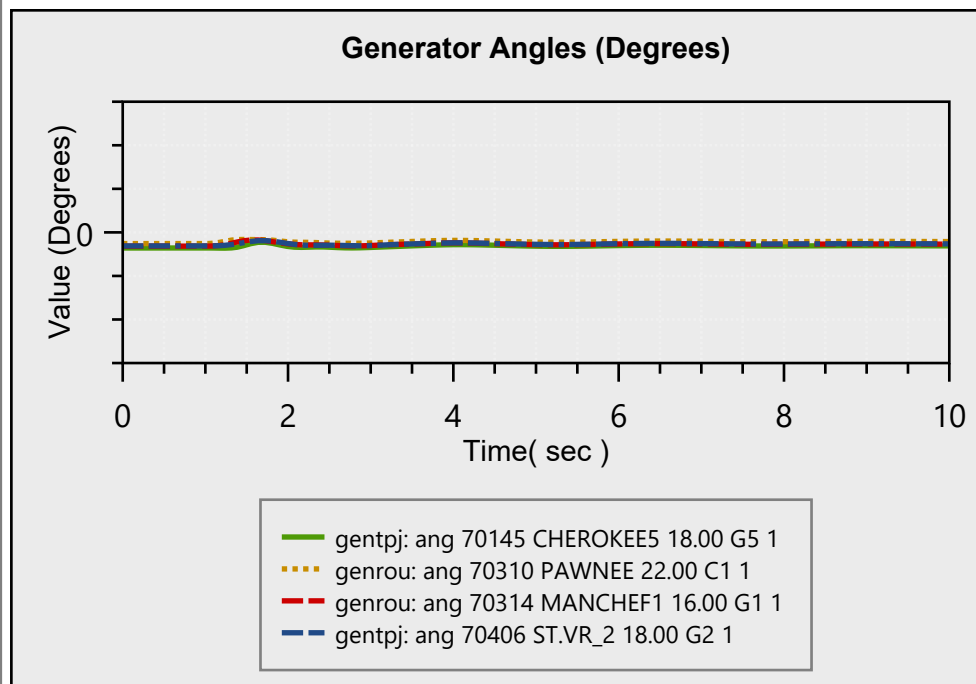
OUTPUTS



OUTPUTS

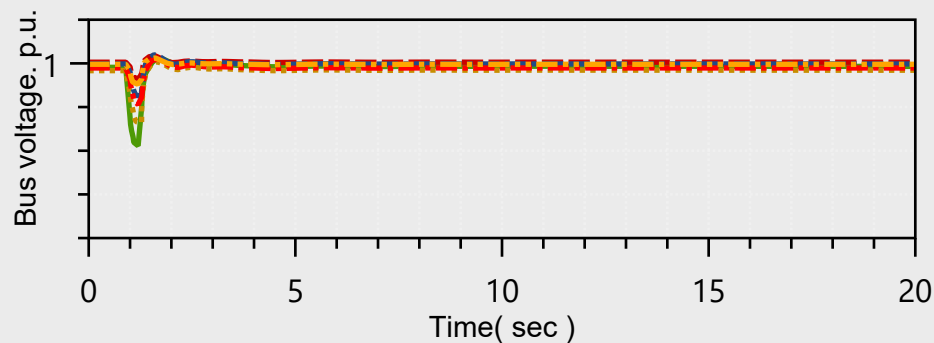


OUTPUTS



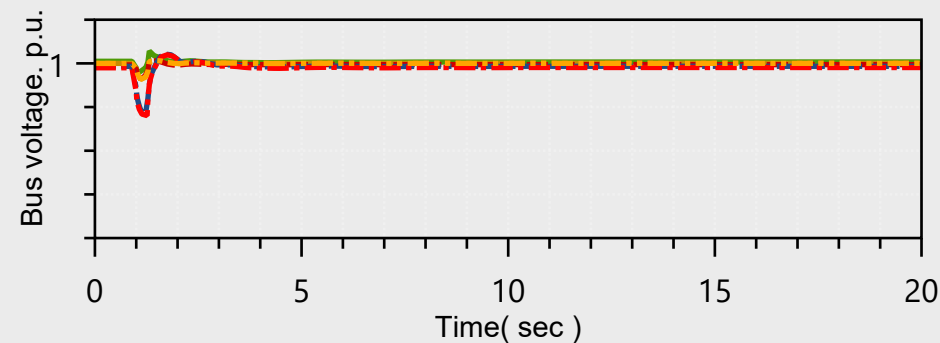
OUTPUTS

Voltage (pu)



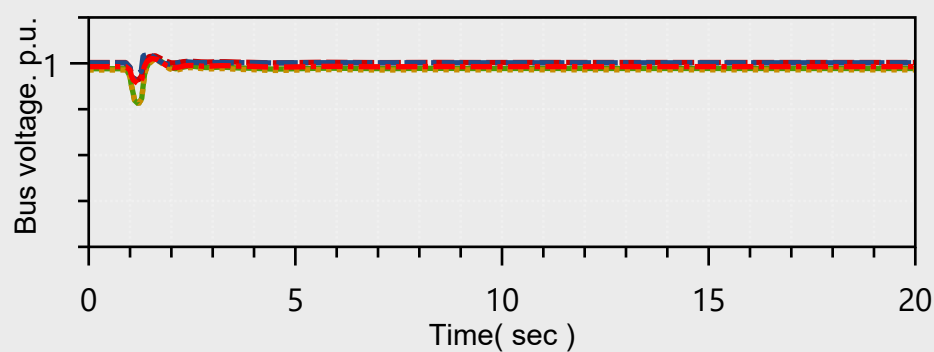
vmeta: vbus 70465 MIDWAY_PS 345.00 1 1
 vmeta: vbus 70466 WATERTON 345.00 1 1
 vmeta: vbus 70598 PAWNEE 345.00 1 1
 vmeta: vbus 70599 SMOKY_HL 345.00 1 1
 vmeta: vbus 70601 DANIEL_PK 345.00 1 1
 vmeta: vbus 70624 MISS_SITE 345.00 1 1

Voltage (pu)



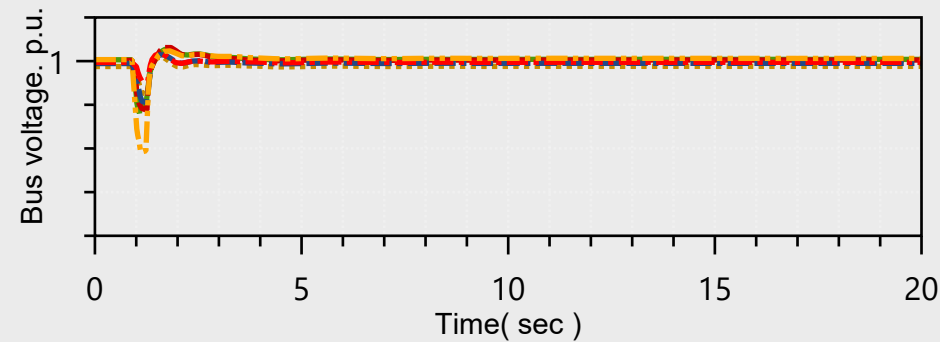
vmeta: vbus 70627 LIMON3 345.00 1 1
 vmeta: vbus 70628 PRONGHORN 345.00 1 1
 vmeta: vbus 70630 SHORTGRASS 345.00 1 1
 vmeta: vbus 70653 TUNDRA 345.00 1 1
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Voltage (pu)



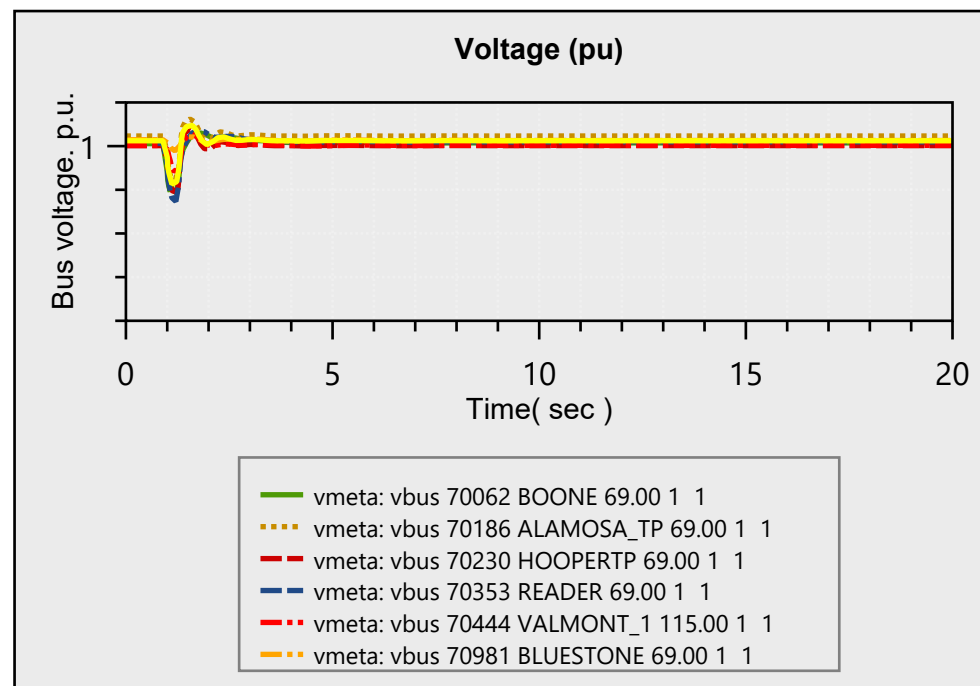
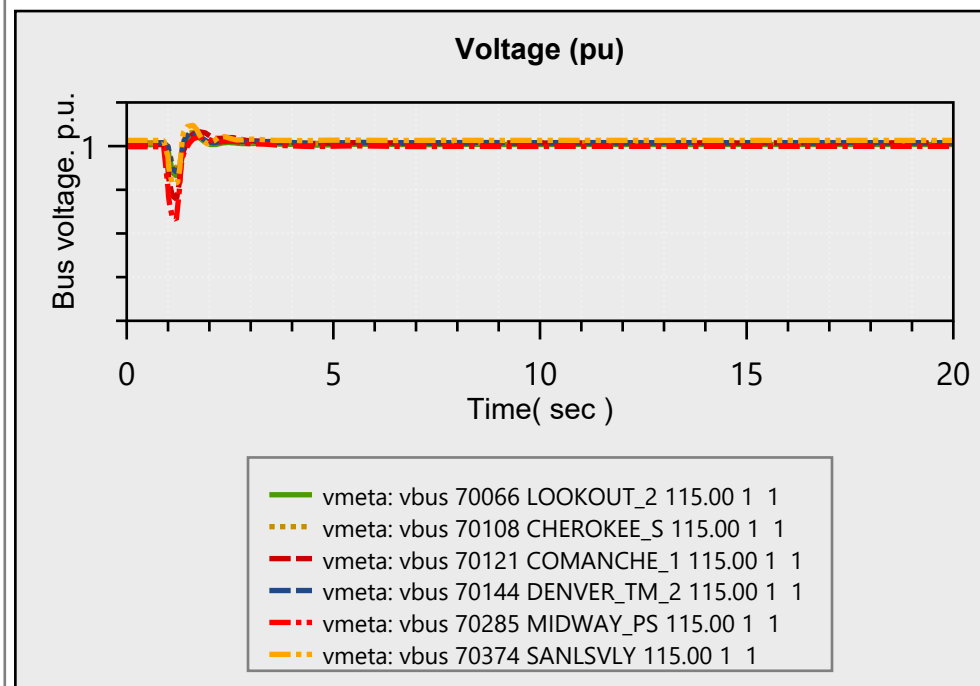
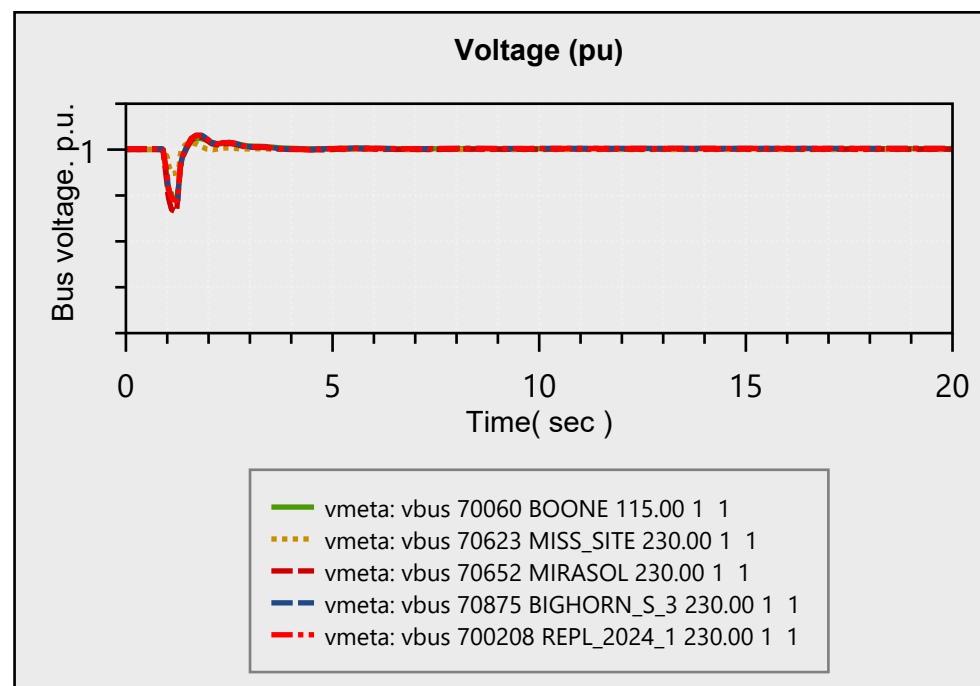
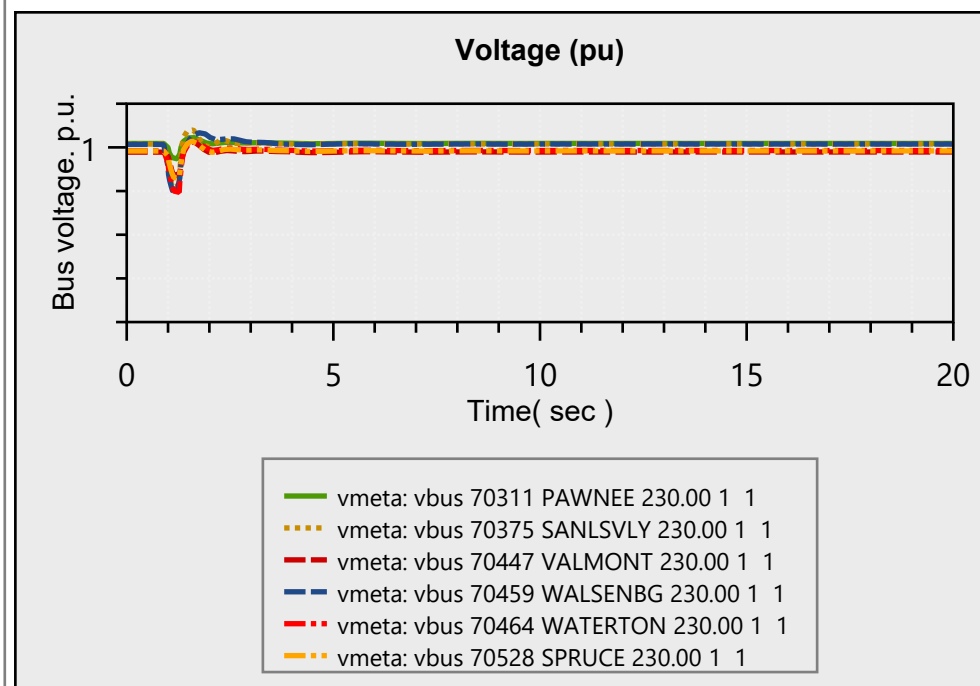
vmeta: vbus 70018 SODA_LAKES 230.00 1 1
 vmeta: vbus 70038 ARAPAHOE 230.00 1 1
 vmeta: vbus 70915 CANAL_XING 345.00 1 1
 vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
 vmeta: vbus 70916 FT_ST_VRAIN 345.00 1 1

Voltage (pu)



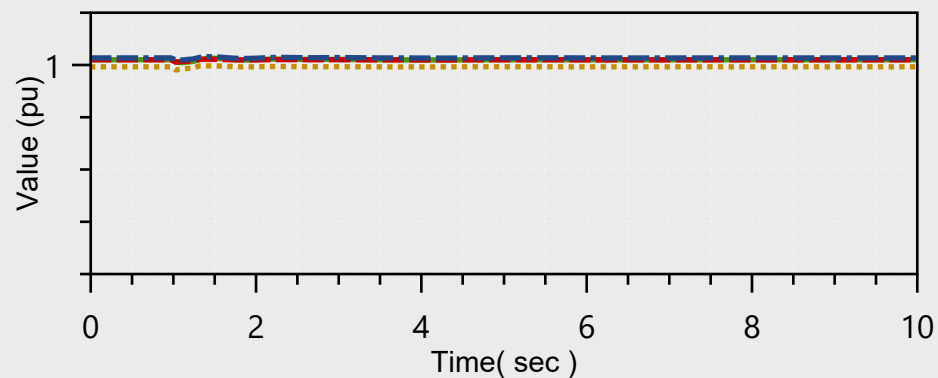
vmeta: vbus 70061 BOONE 230.00 1 1
 vmeta: vbus 70107 CHEROKEE 230.00 1 1
 vmeta: vbus 70122 COMANCHE 230.00 1 1
 vmeta: vbus 70139 DANIEL_PK 230.00 1 1
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 vmeta: vbus 70286 MIDWAY_PS 230.00 1 1

OUTPUTS



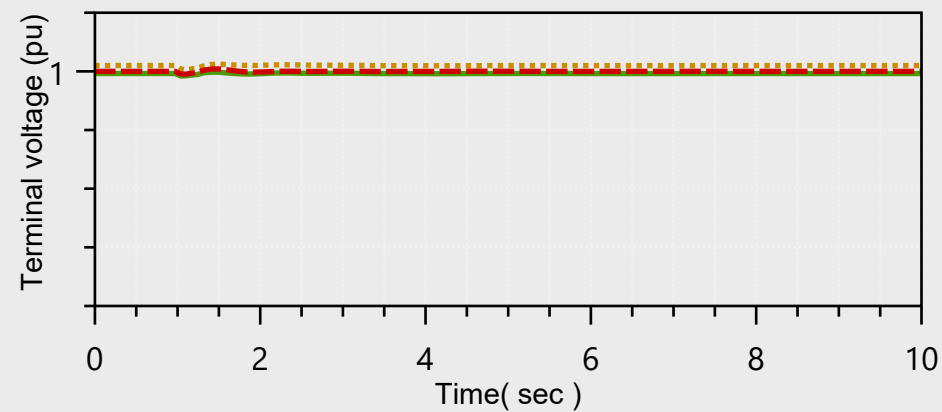
OUTPUTS

Generator Terminal Voltage (pu)



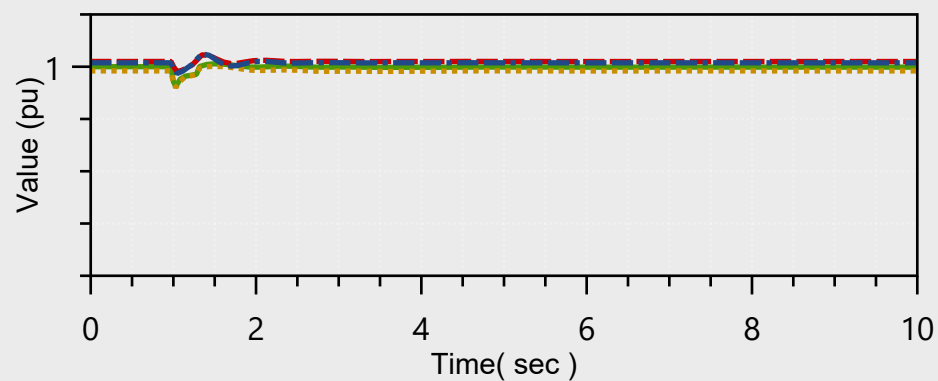
gentpj: vt 70145 CHEROKEE5 18.00 G5 1
genrou: vt 70310 PAWNEE 22.00 C1 1
genrou: vt 70314 MANCHEF1 16.00 G1 1
gentpj: vt 70406 ST.VR_2 18.00 G2 1

Generator Terminal Voltage (pu)



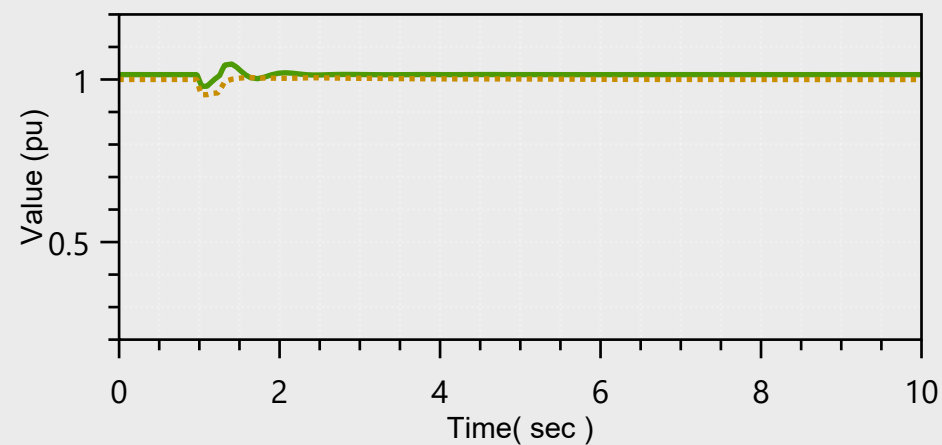
gentpj: vt 70409 ST.VRAIN 22.00 ST 1
gentpj: vt 70553 ARAP5&6 13.80 G5 1
gentpj: vt 70588 RMEC1 15.00 G1 1

Generator Terminal Voltage (pu)



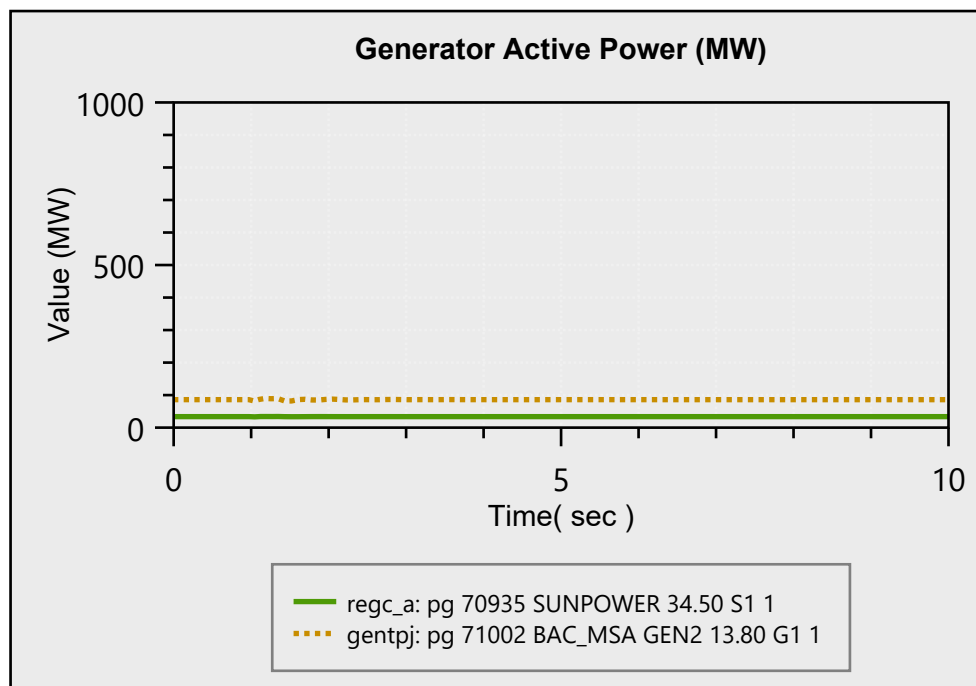
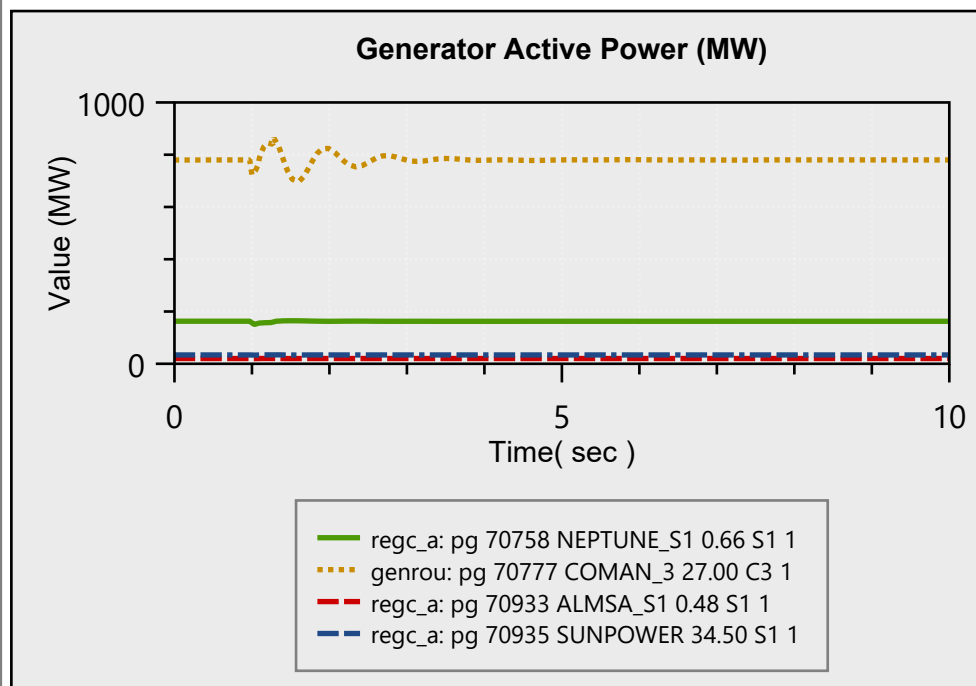
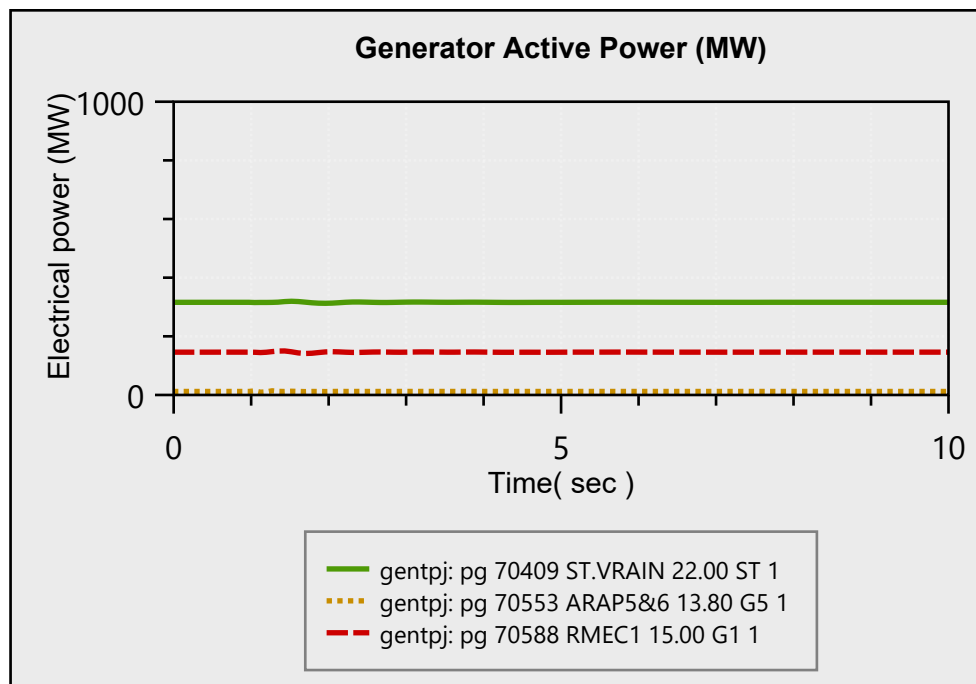
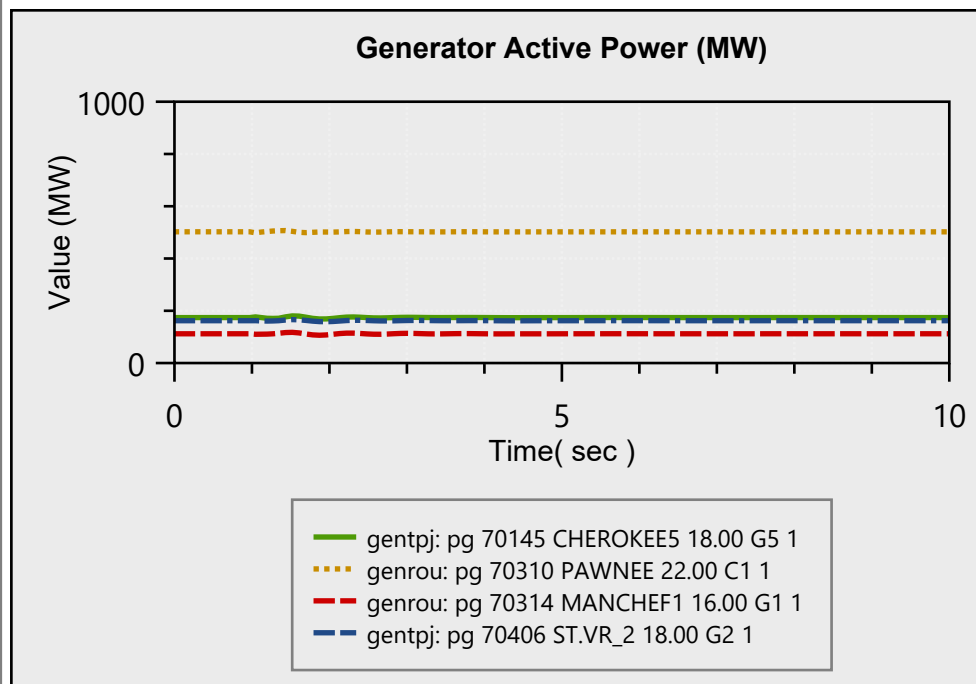
regc_a: vt 70758 NEPTUNE_S1 0.66 S1 1
genrou: vt 70777 COMAN_3 27.00 C3 1
regc_a: vt 70933 ALMSA_S1 0.48 S1 1
regc_a: vt 70935 SUNPOWER 34.50 S1 1

Generator Terminal Voltage (pu)

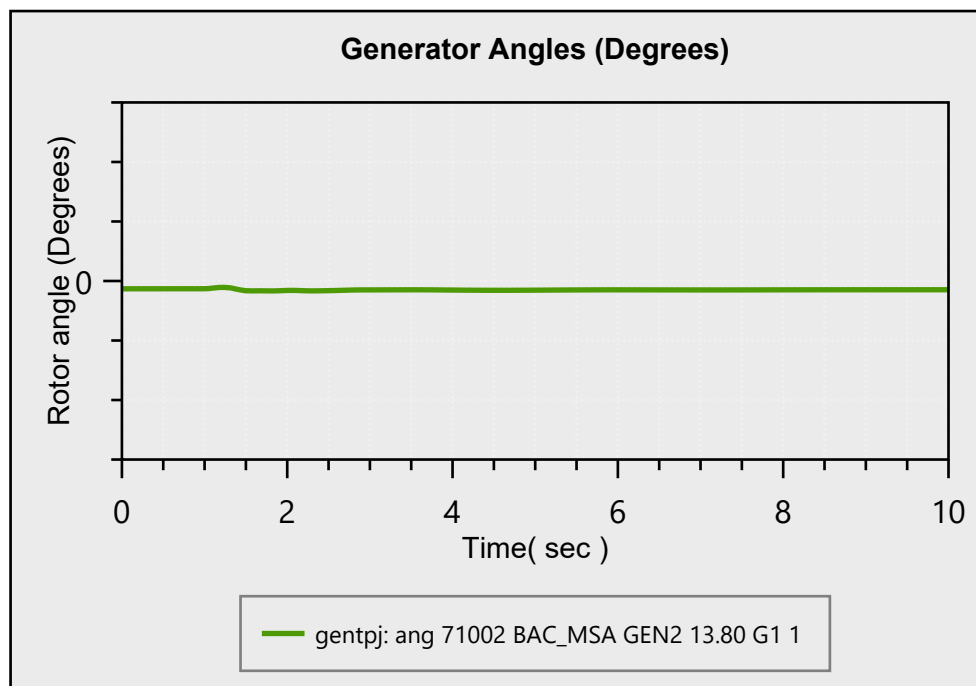
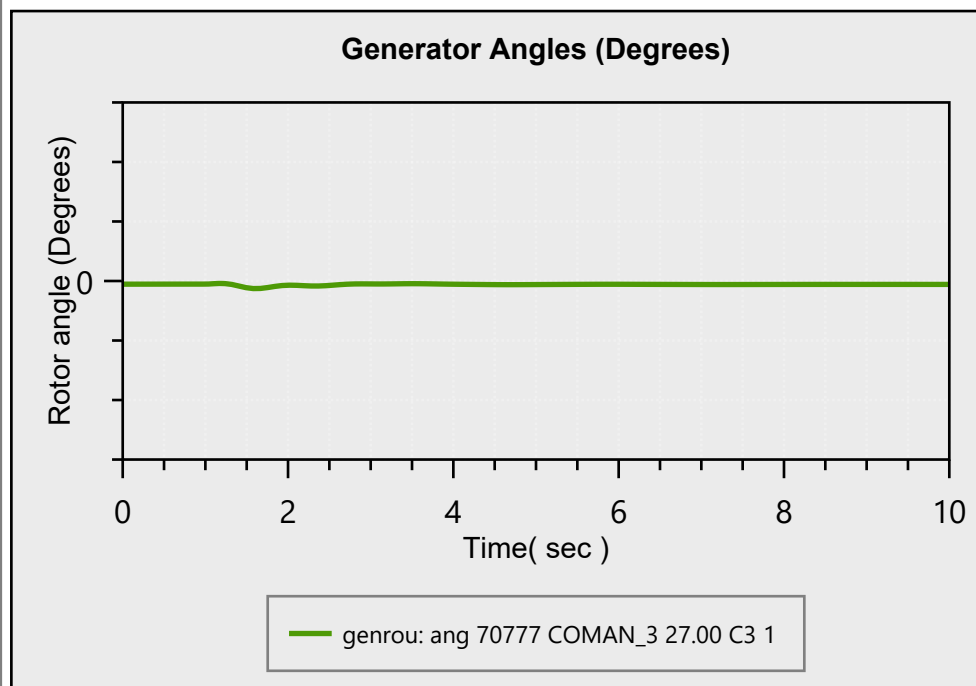
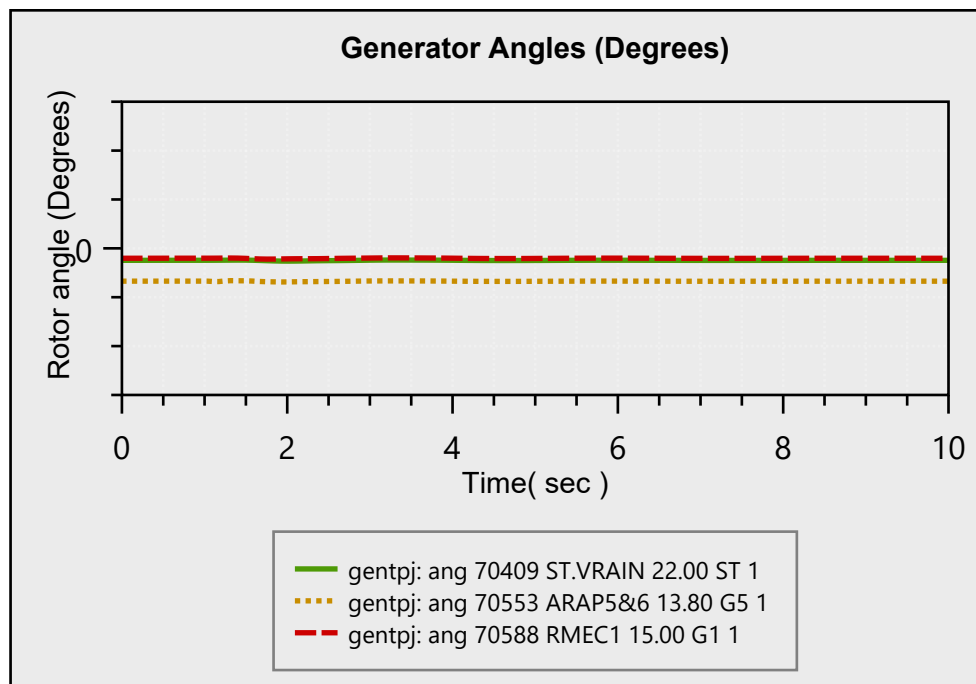
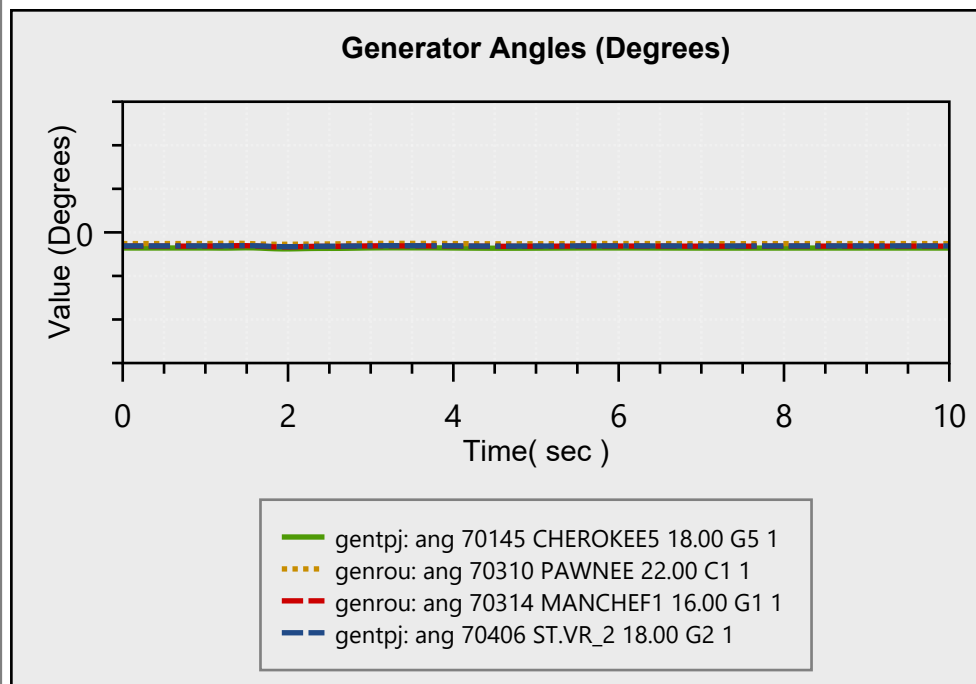


regc_a: vt 70935 SUNPOWER 34.50 S1 1
gentpj: vt 71002 BAC_MSA GEN2 13.80 G1 1

OUTPUTS

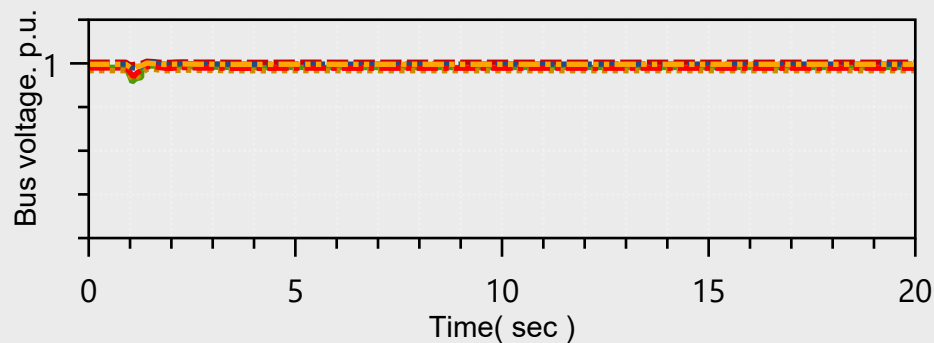


OUTPUTS

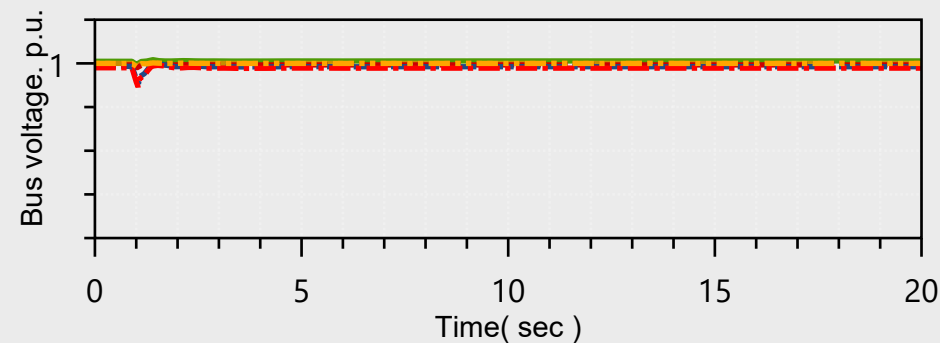


OUTPUTS

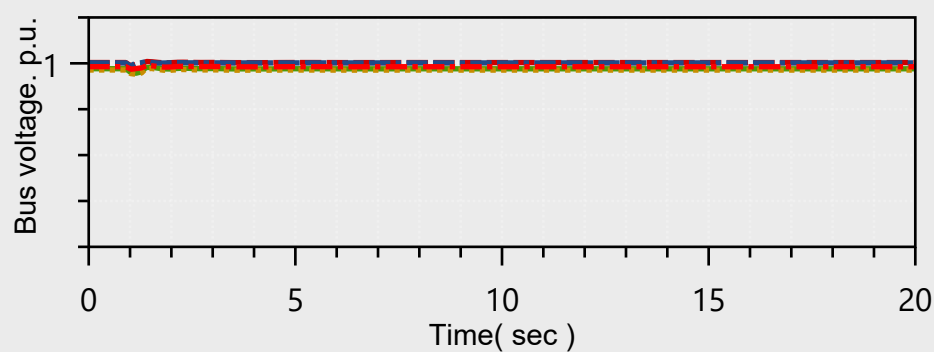
Voltage (pu)



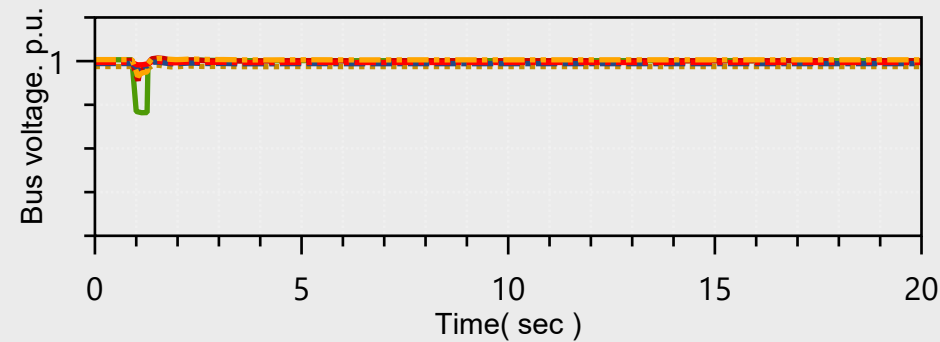
Voltage (pu)



Voltage (pu)

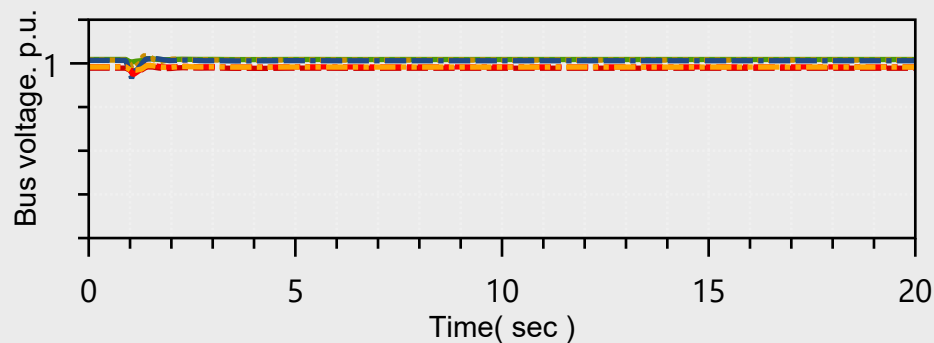


Voltage (pu)

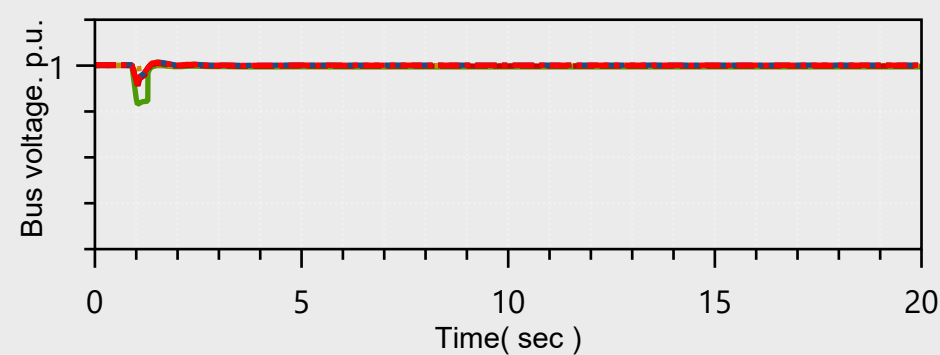


OUTPUTS

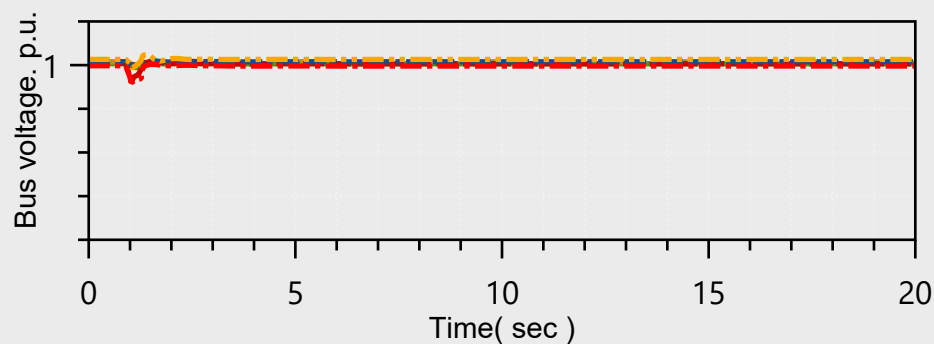
Voltage (pu)



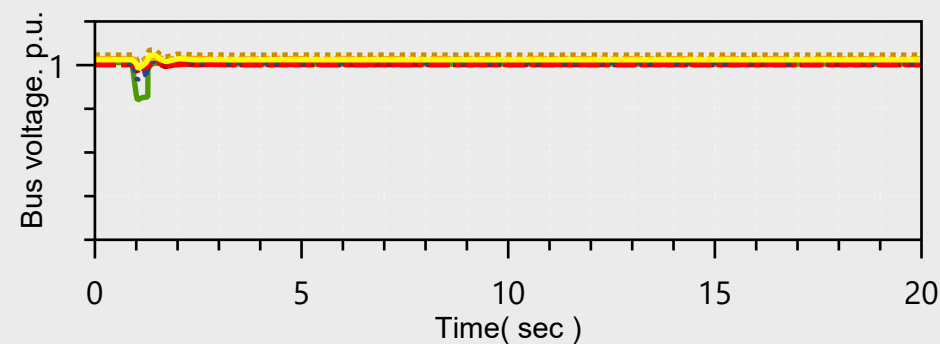
Voltage (pu)



Voltage (pu)

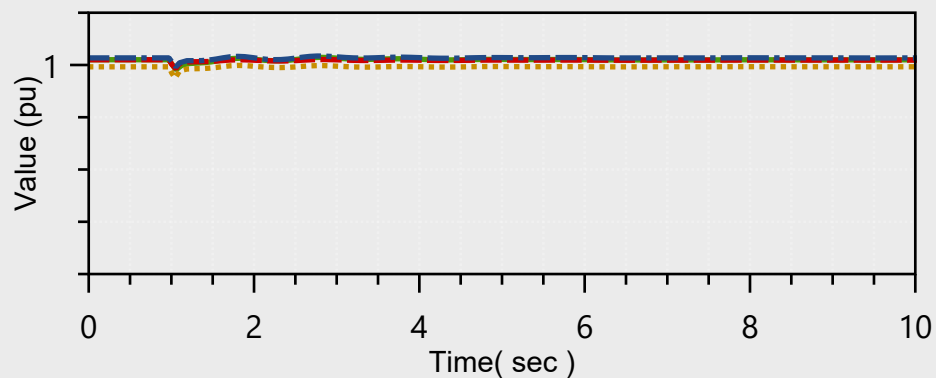


Voltage (pu)



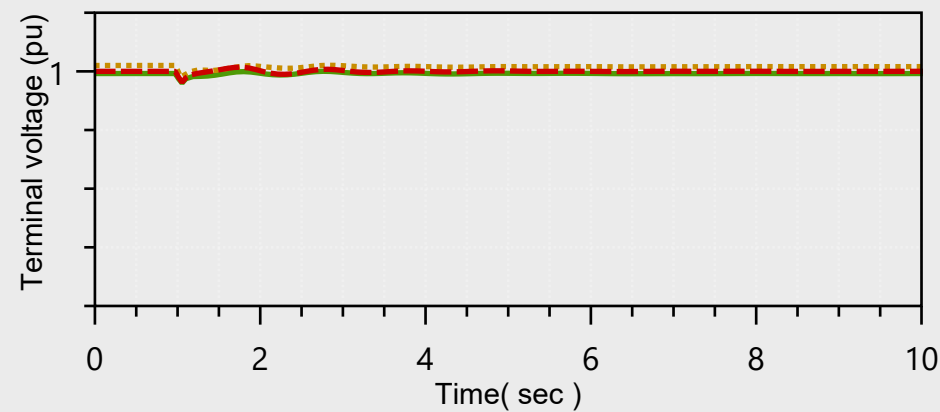
OUTPUTS

Generator Terminal Voltage (pu)



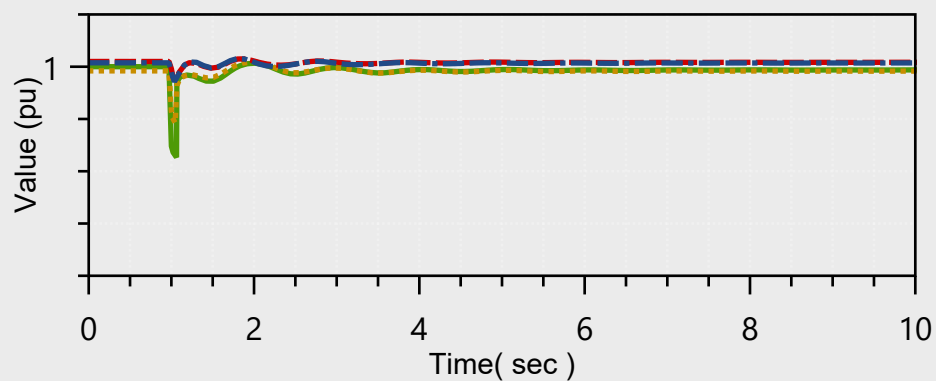
gentpj: vt 70145 CHEROKEE5 18.00 G5 1
genrou: vt 70310 PAWNEE 22.00 C1 1
genrou: vt 70314 MANCHEF1 16.00 G1 1
gentpj: vt 70406 ST.VR_2 18.00 G2 1

Generator Terminal Voltage (pu)



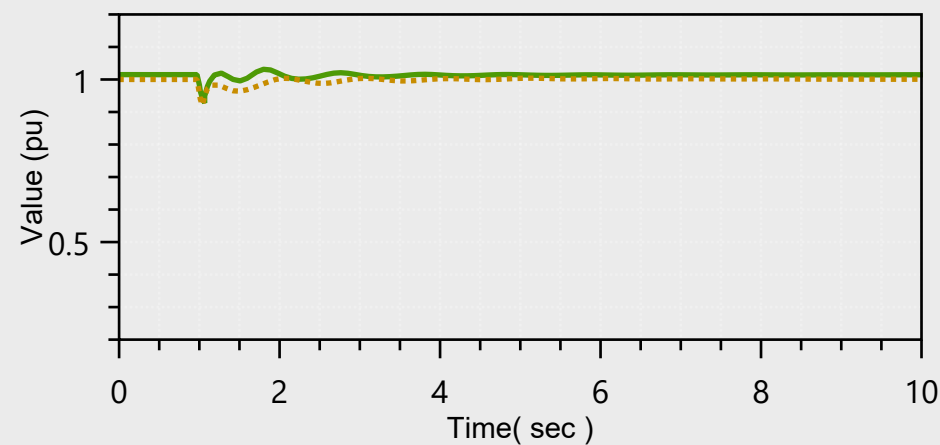
gentpj: vt 70409 ST.VRAIN 22.00 ST 1
gentpj: vt 70553 ARAP5&6 13.80 G5 1
gentpj: vt 70588 RMEC1 15.00 G1 1

Generator Terminal Voltage (pu)



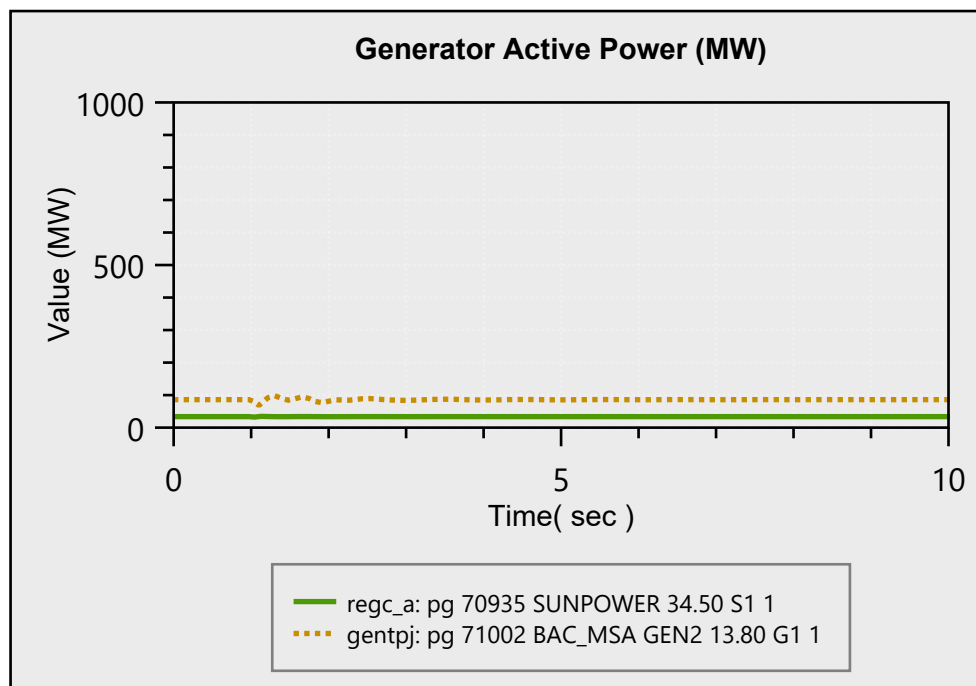
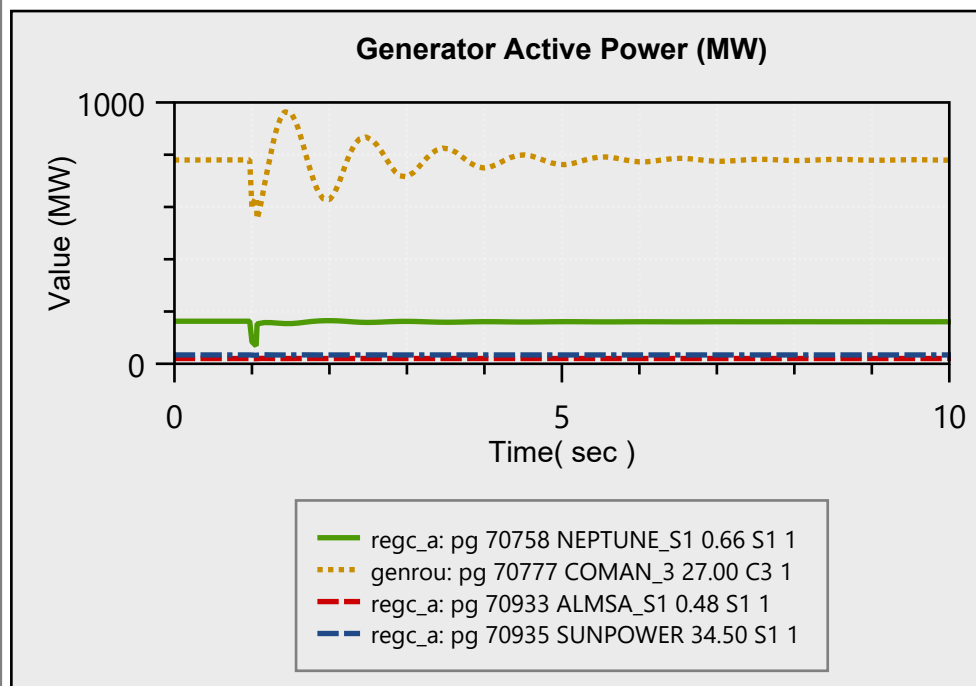
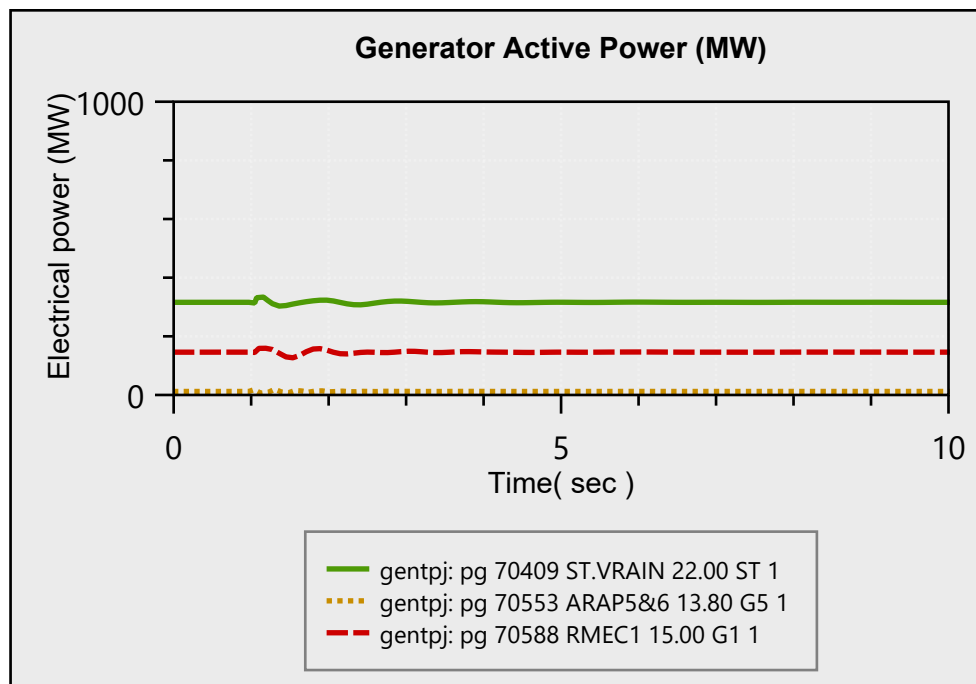
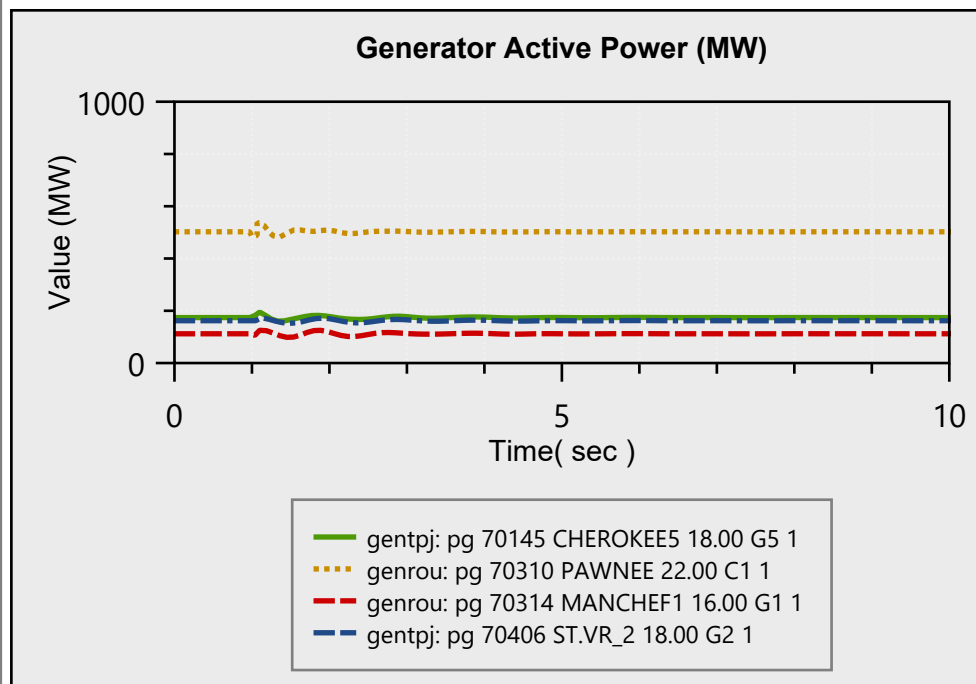
regc_a: vt 70758 NEPTUNE_S1 0.66 S1 1
genrou: vt 70777 COMAN_3 27.00 C3 1
regc_a: vt 70933 ALMSA_S1 0.48 S1 1
regc_a: vt 70935 SUNPOWER 34.50 S1 1

Generator Terminal Voltage (pu)

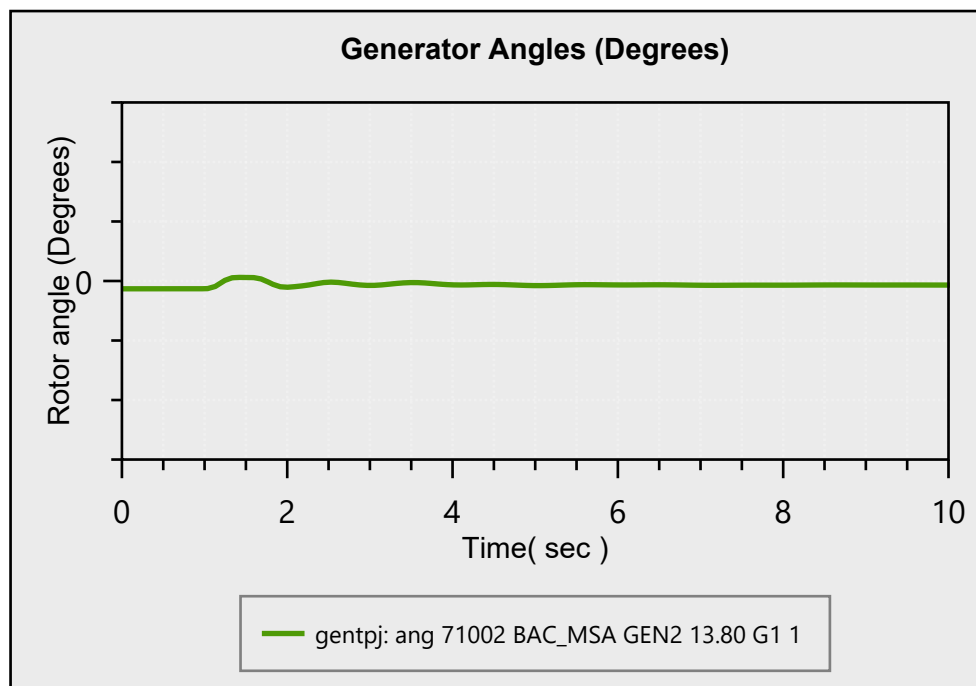
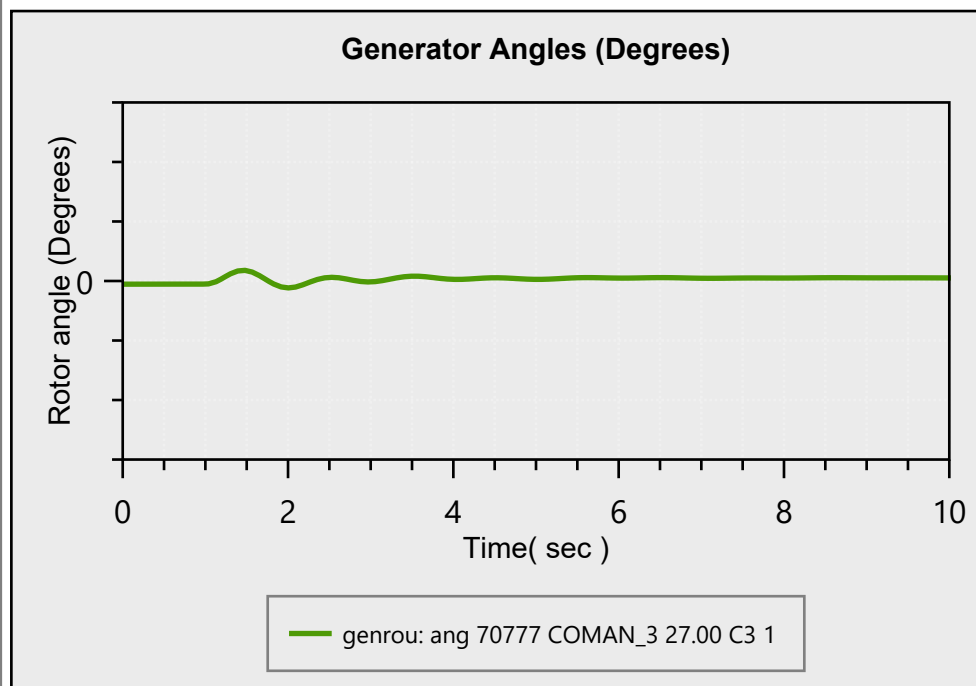
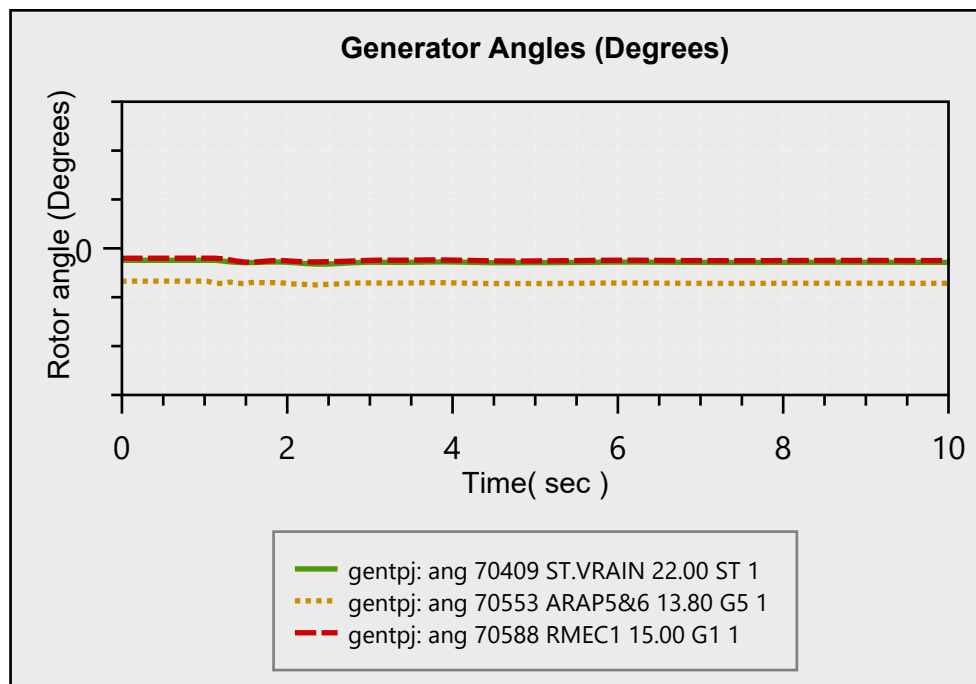
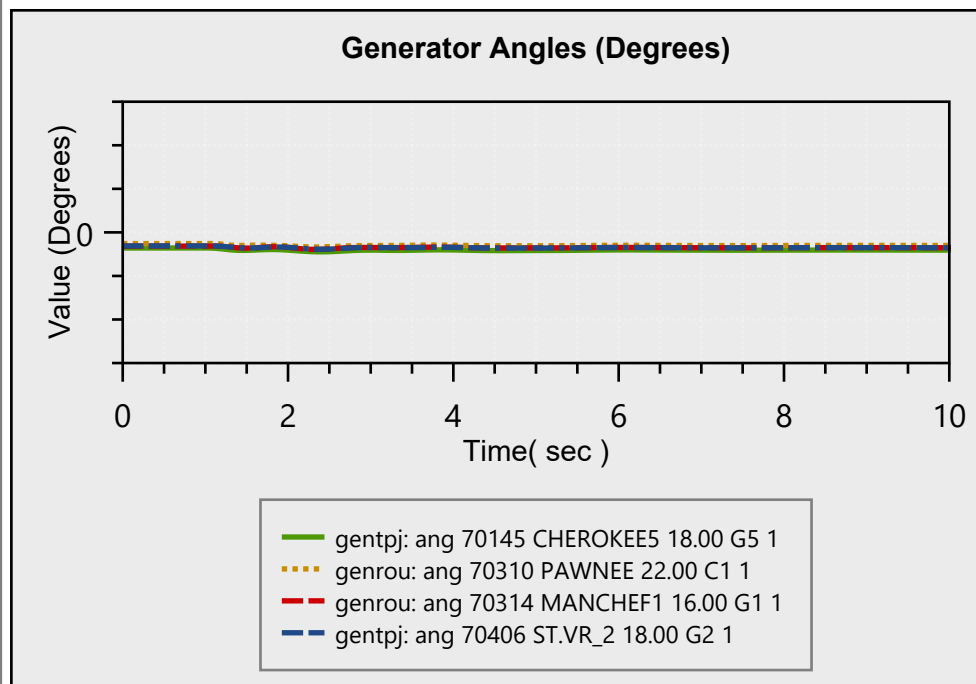


regc_a: vt 70935 SUNPOWER 34.50 S1 1
gentpj: vt 71002 BAC_MSA GEN2 13.80 G1 1

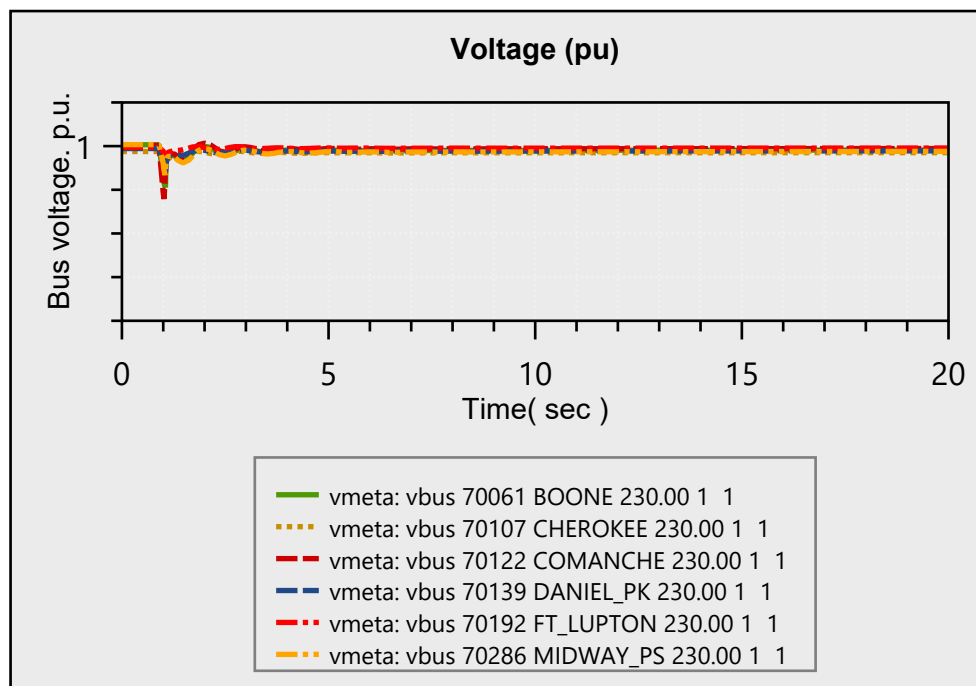
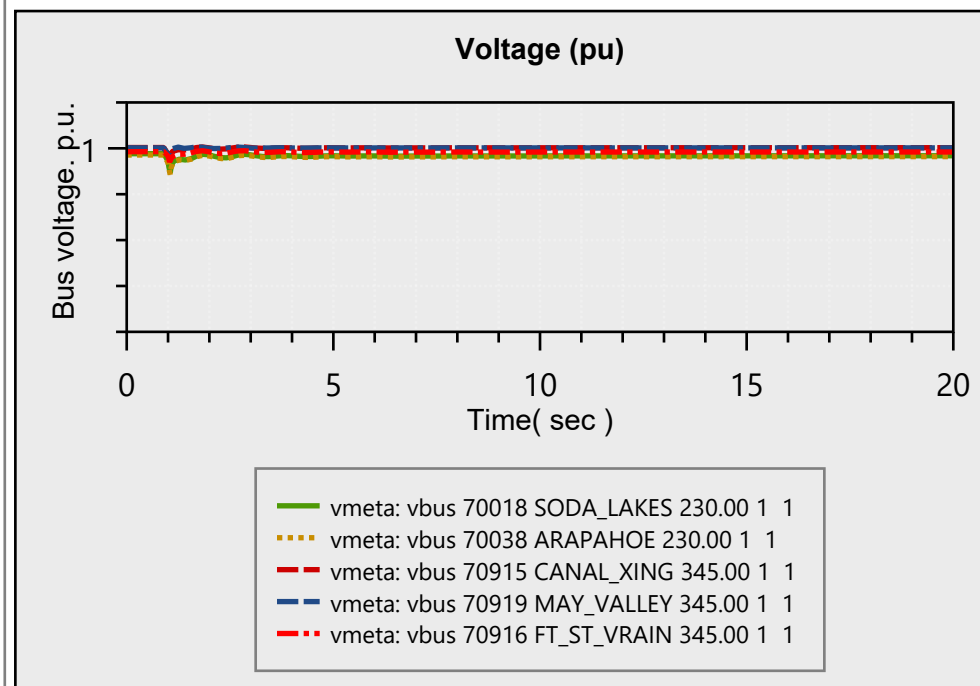
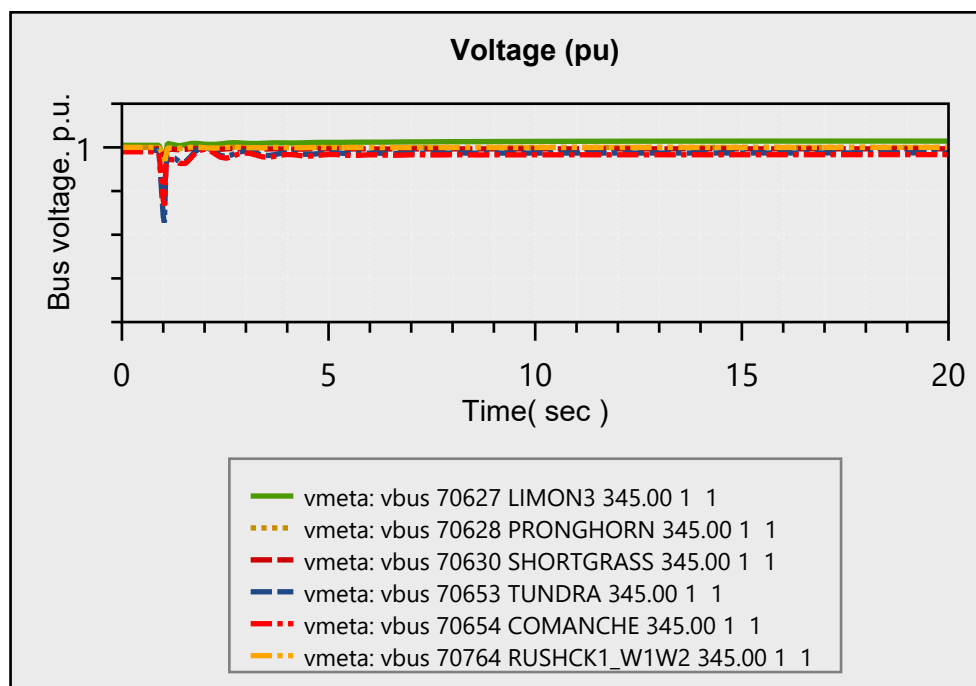
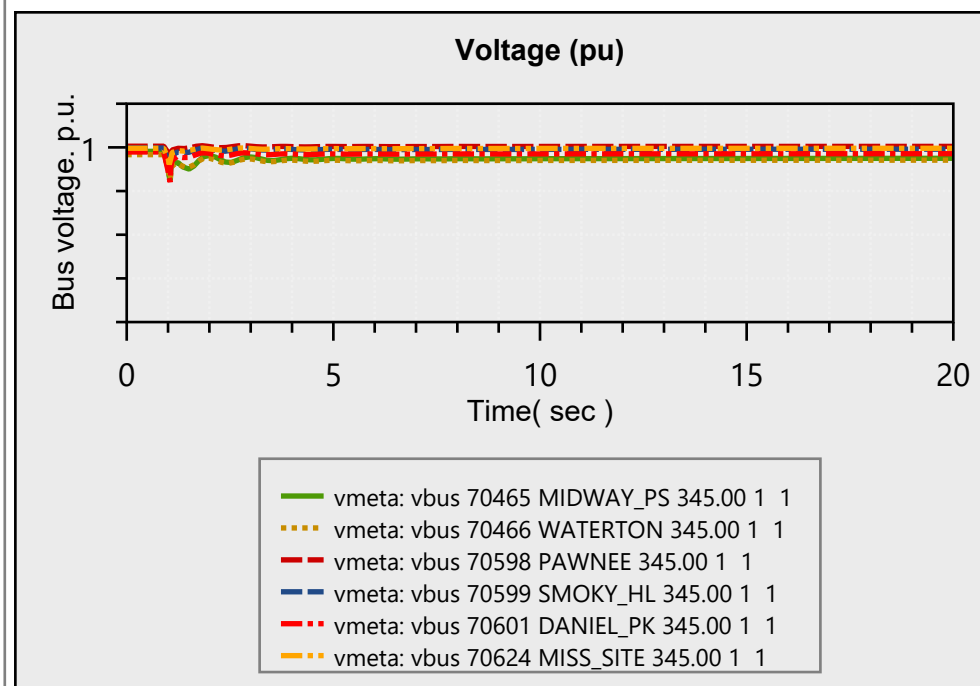
OUTPUTS



OUTPUTS

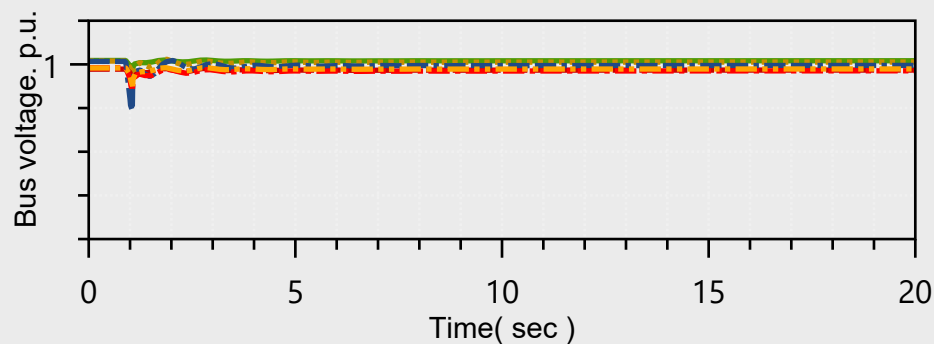


OUTPUTS

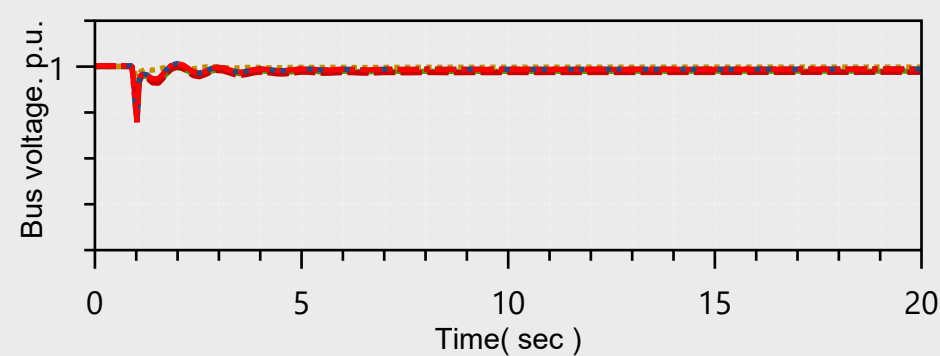


OUTPUTS

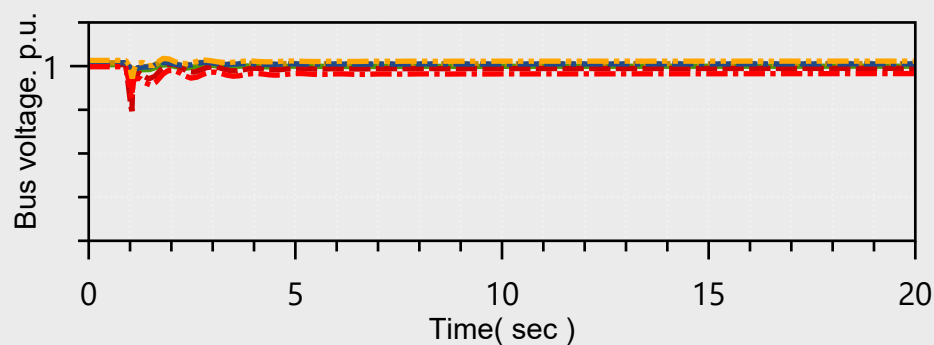
Voltage (pu)



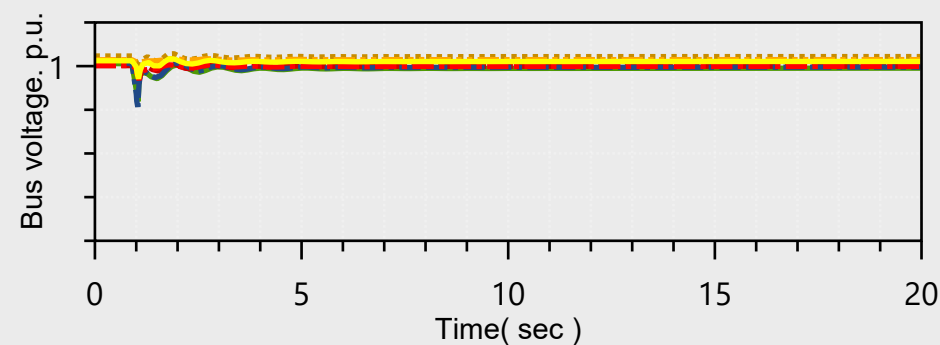
Voltage (pu)



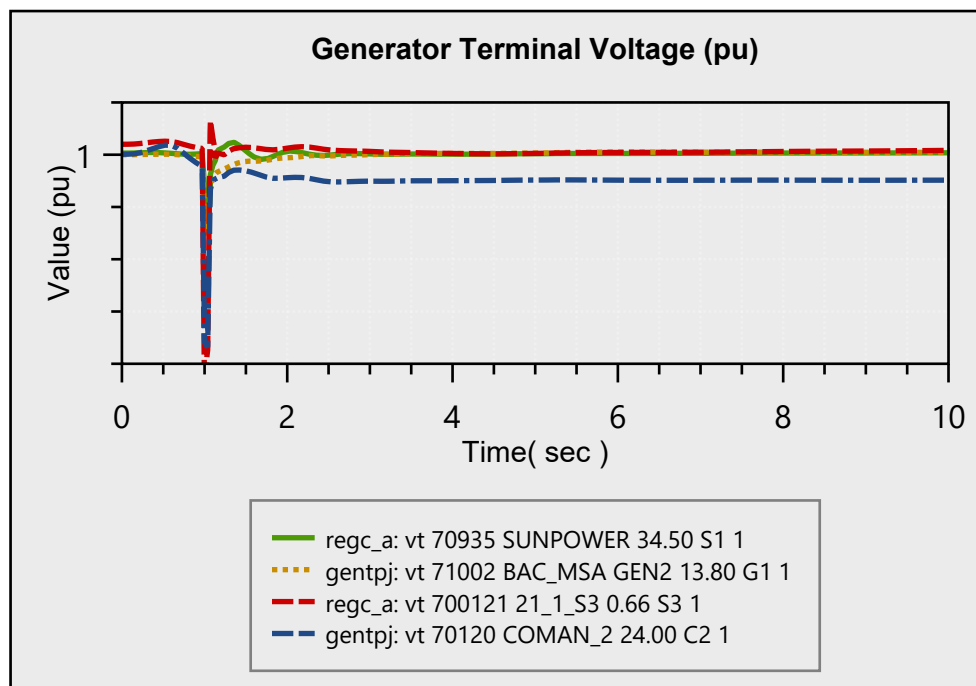
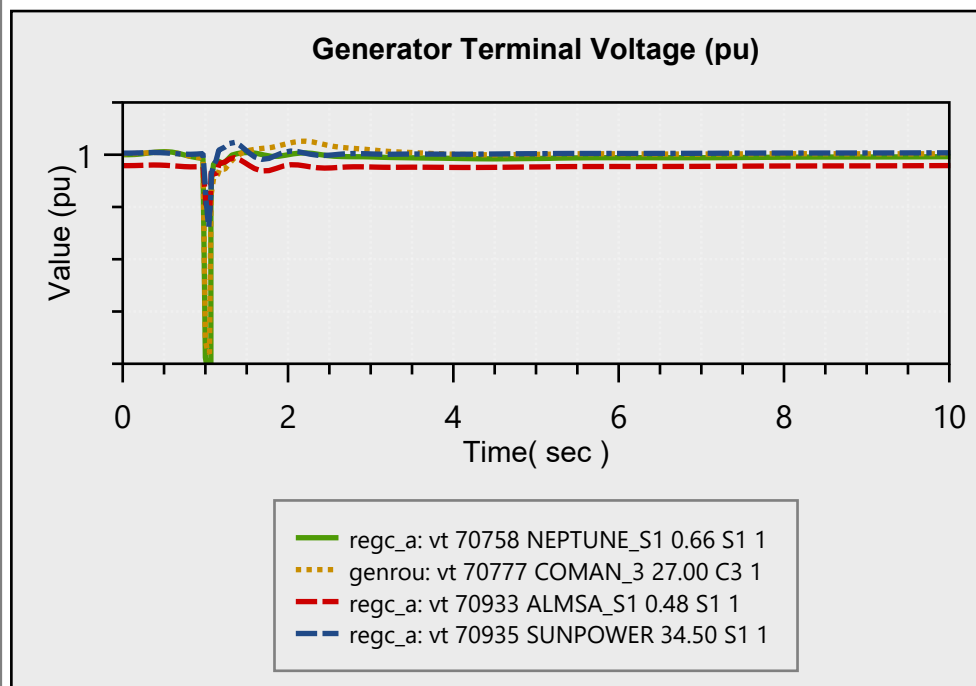
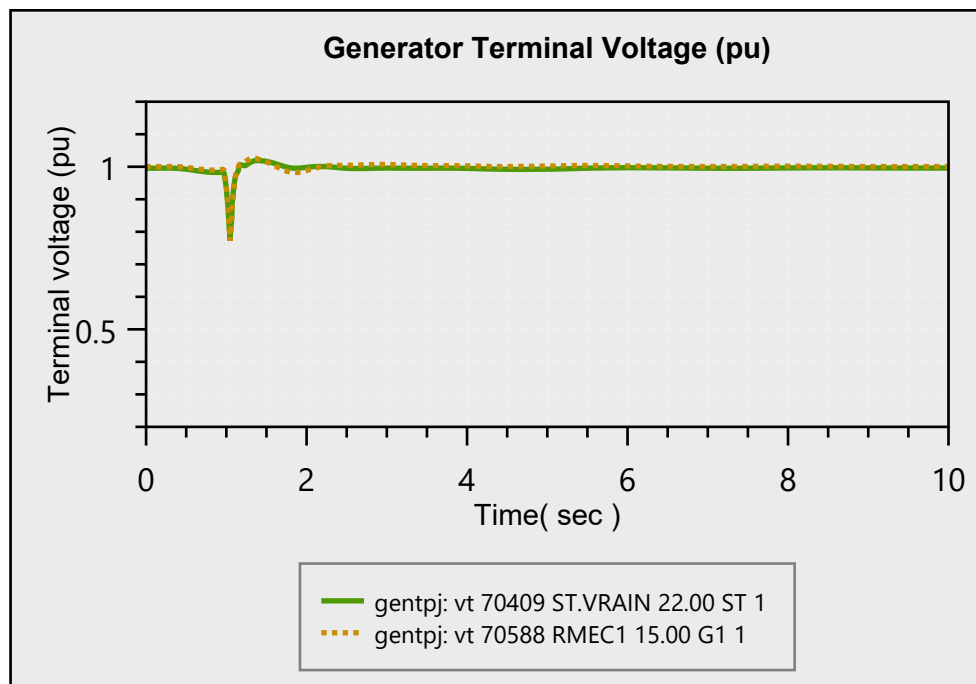
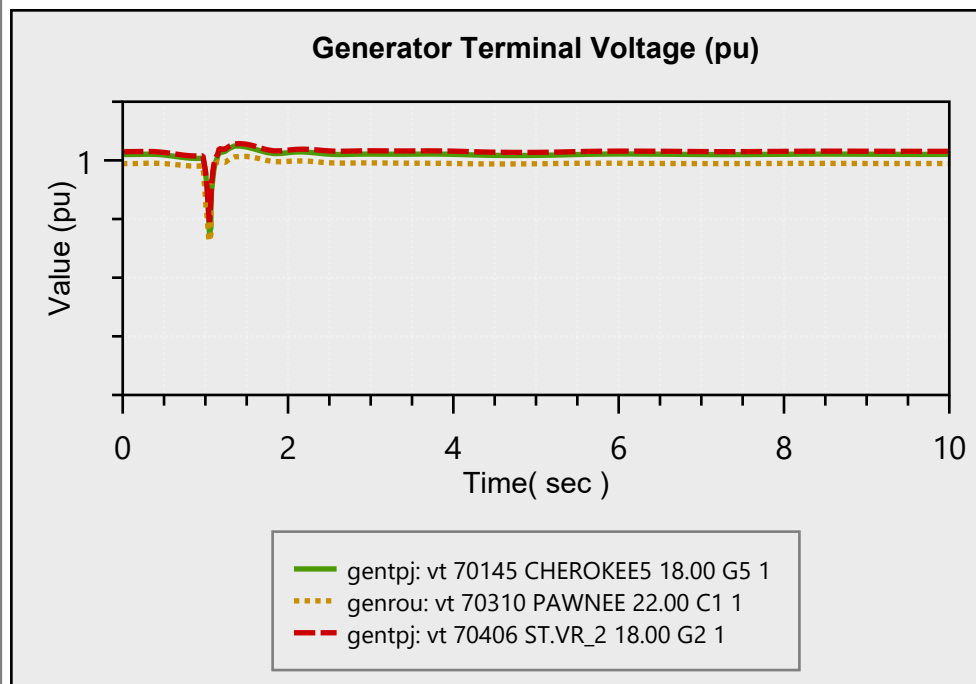
Voltage (pu)



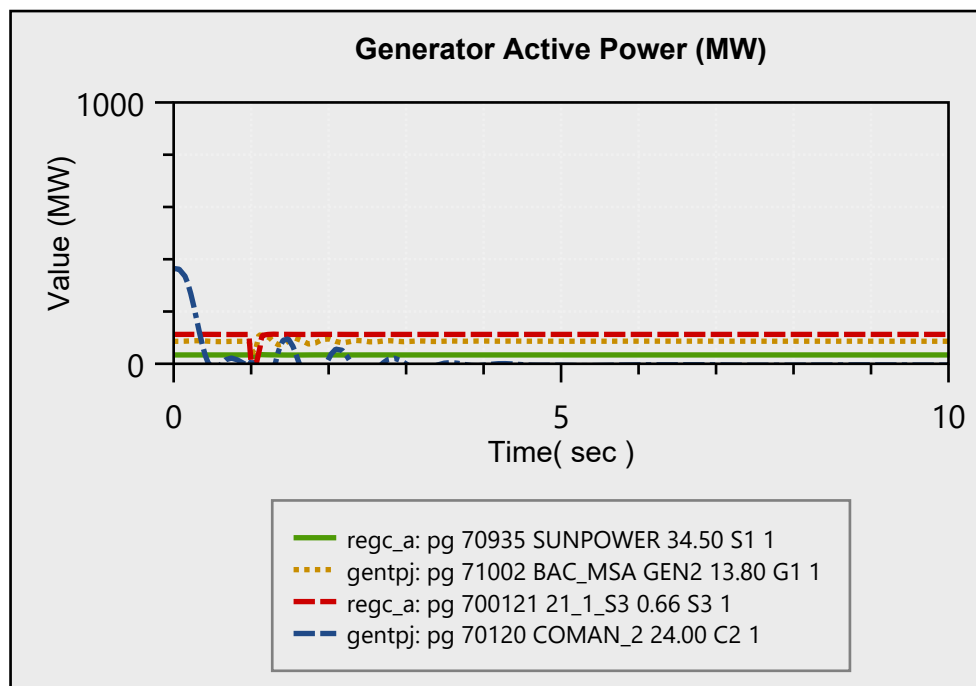
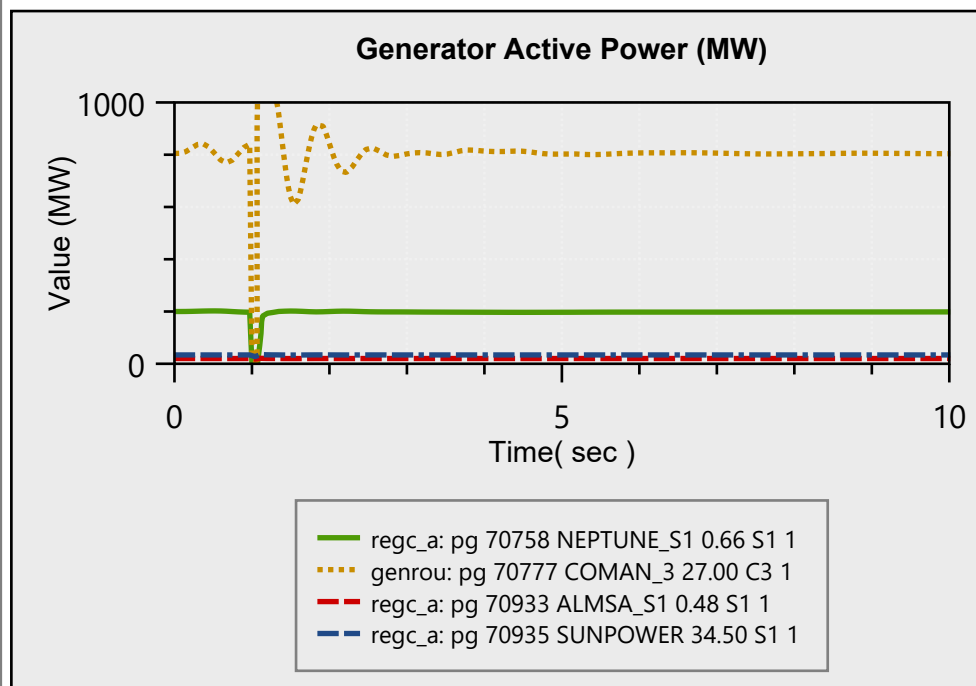
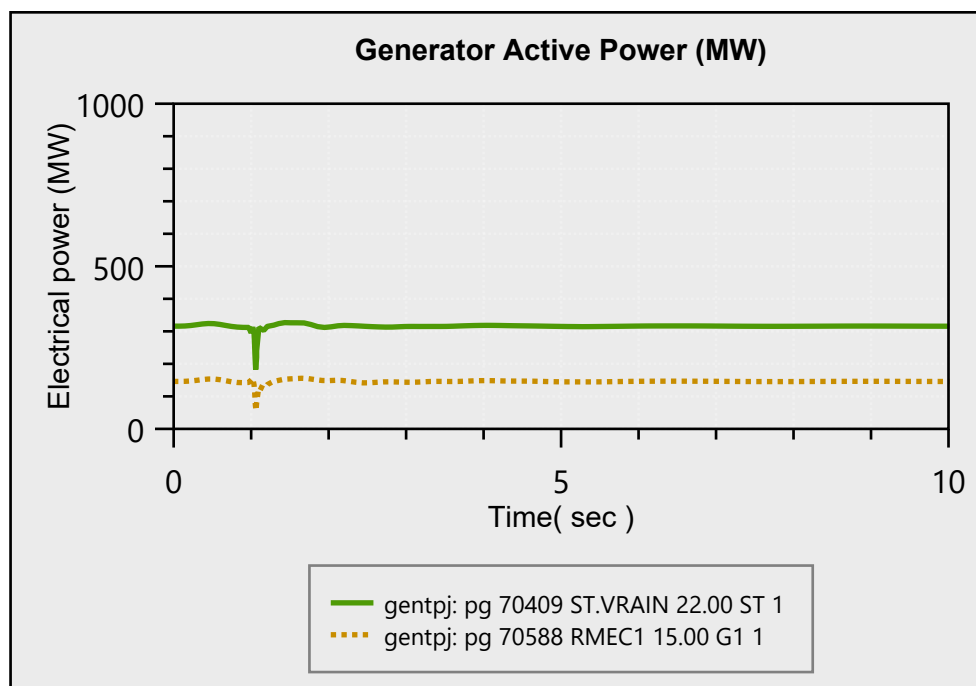
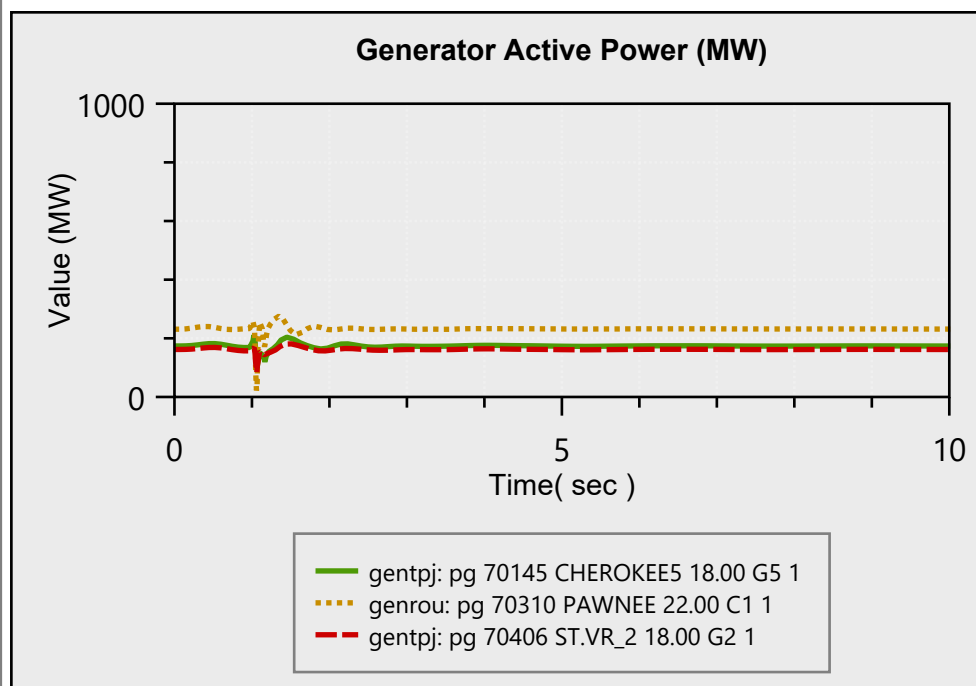
Voltage (pu)



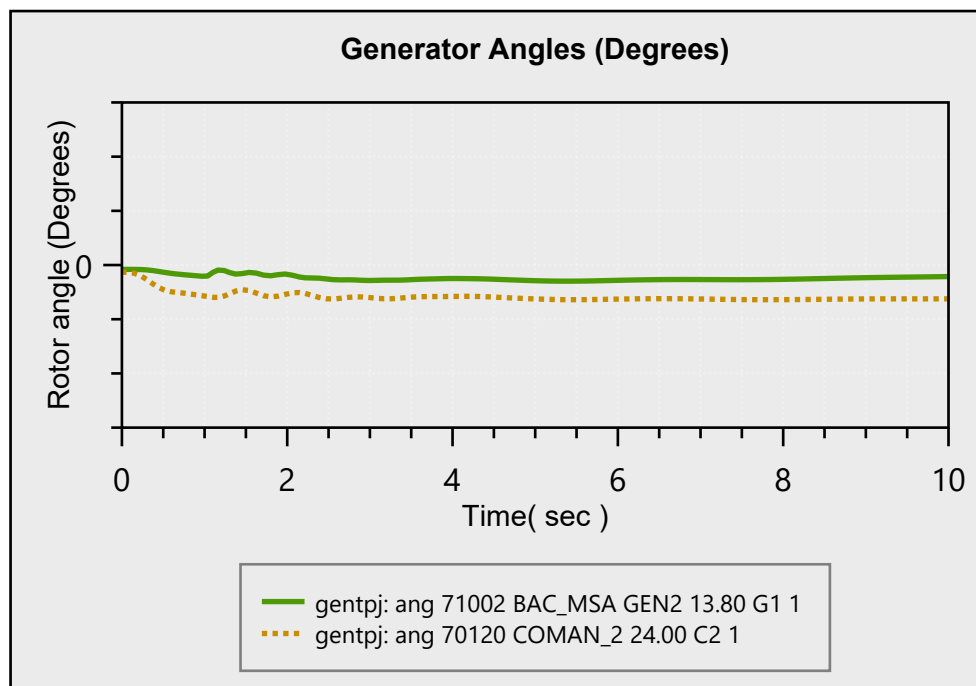
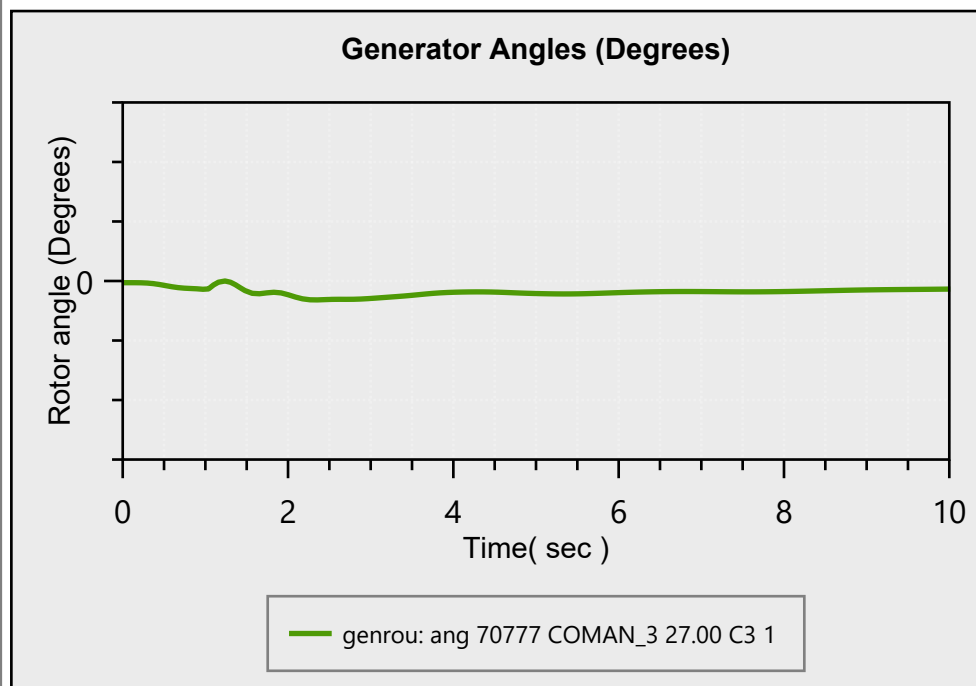
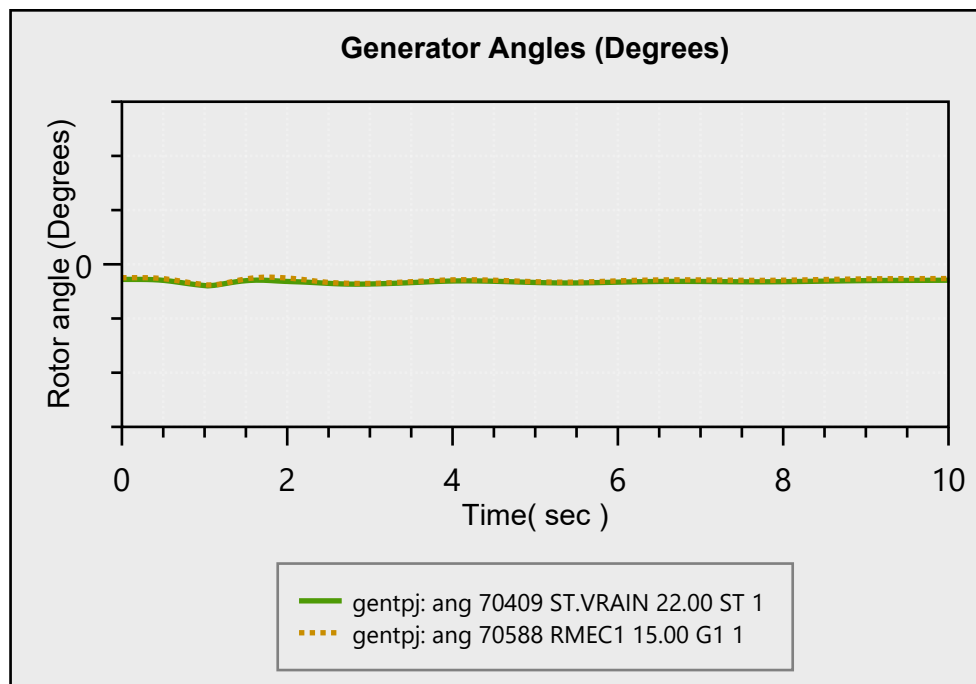
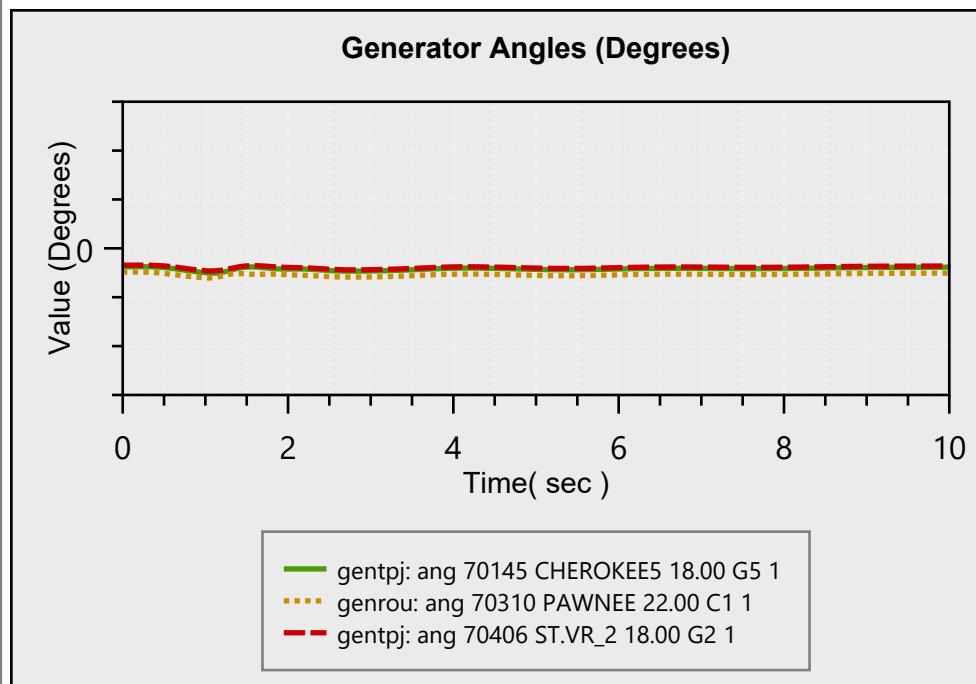
OUTPUTS



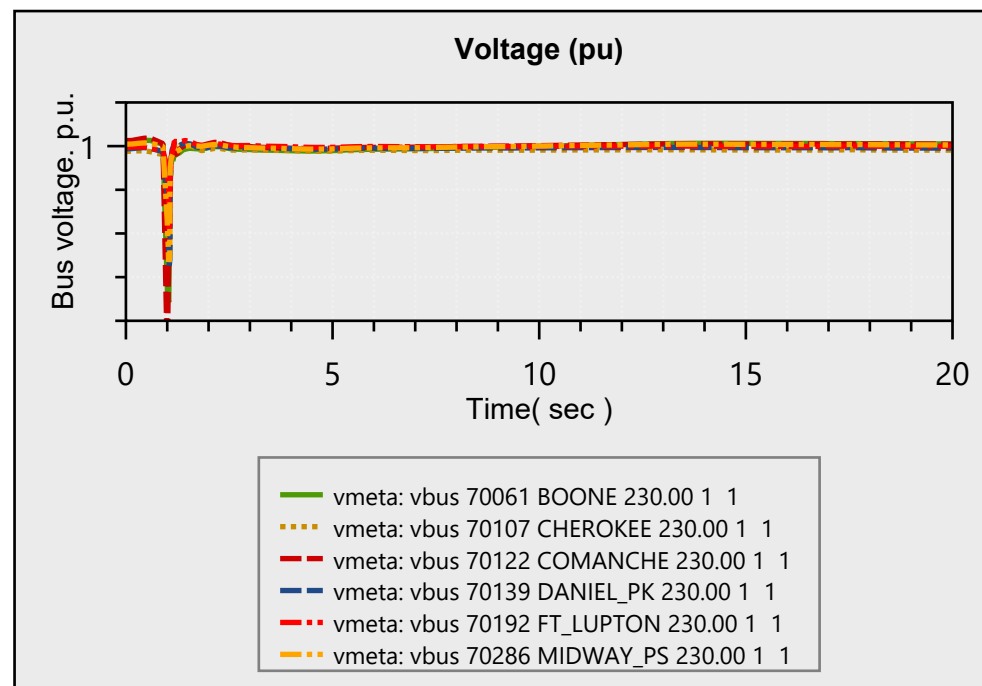
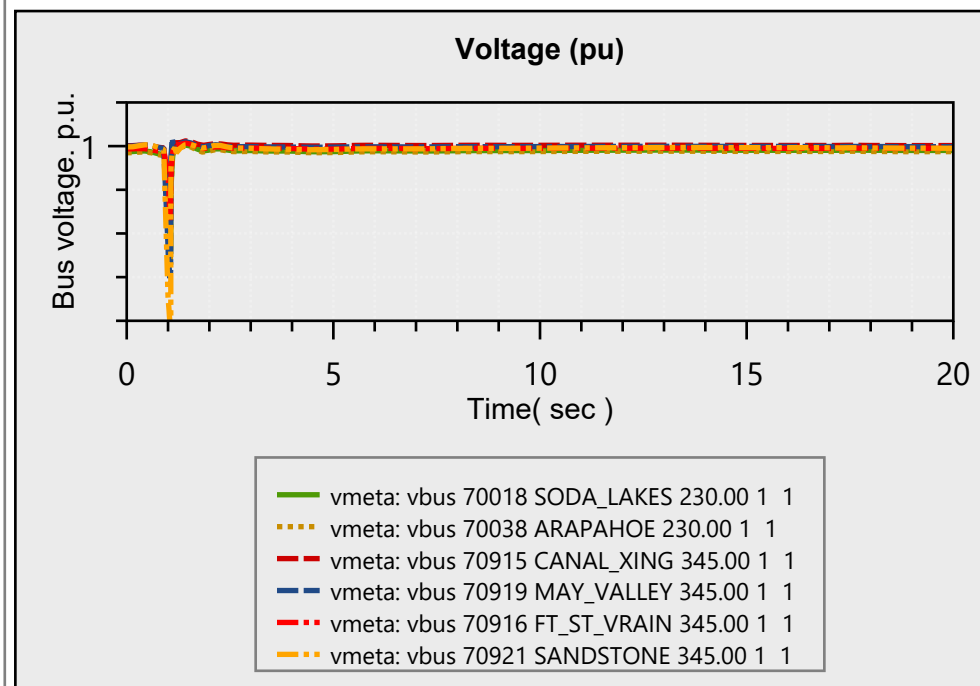
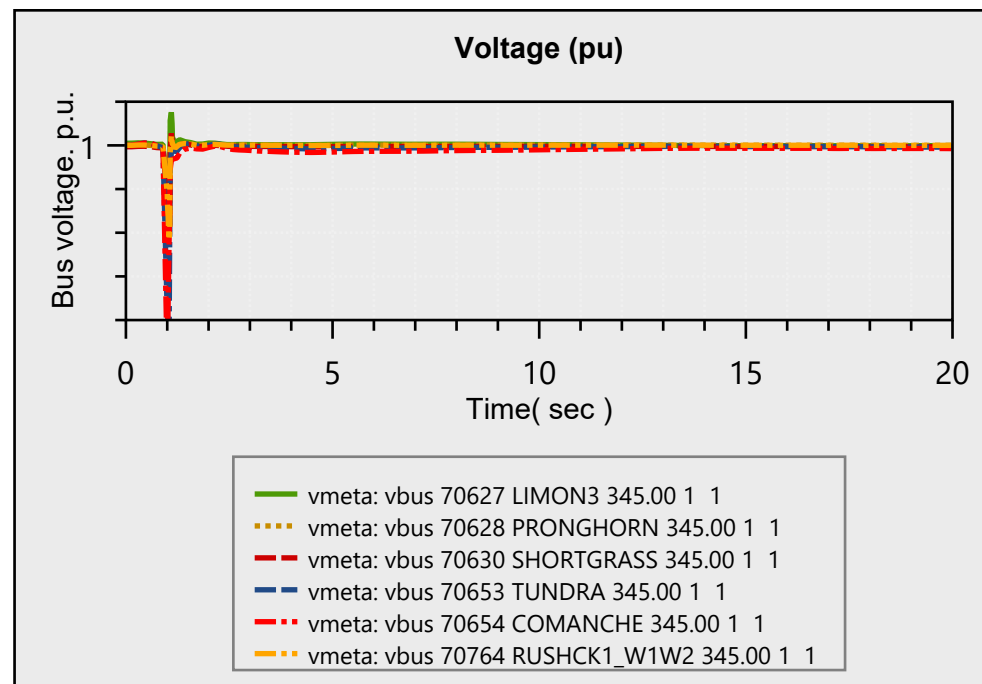
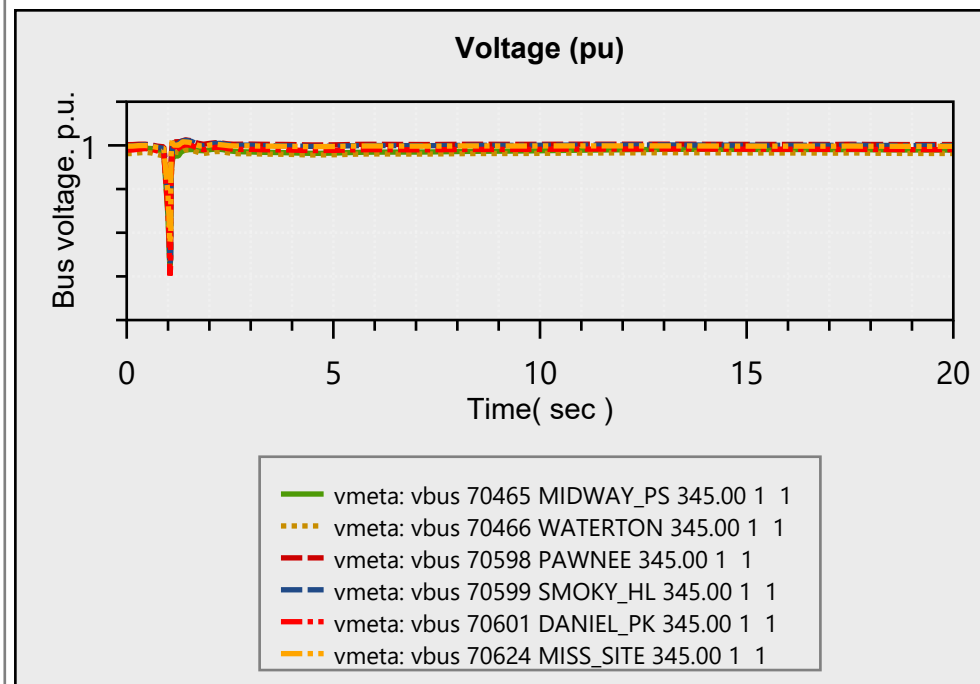
OUTPUTS



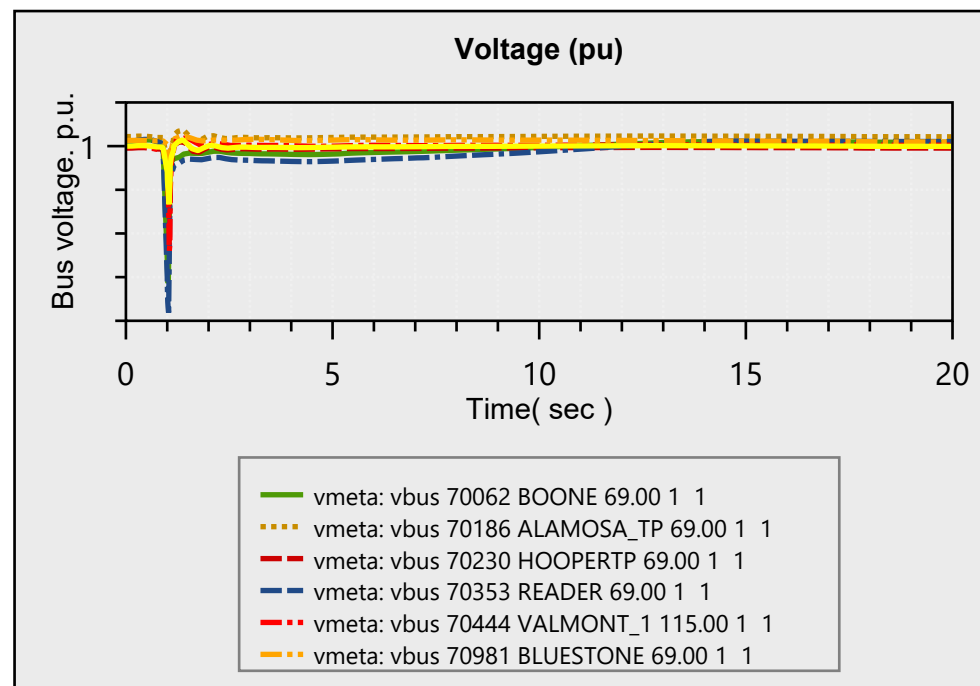
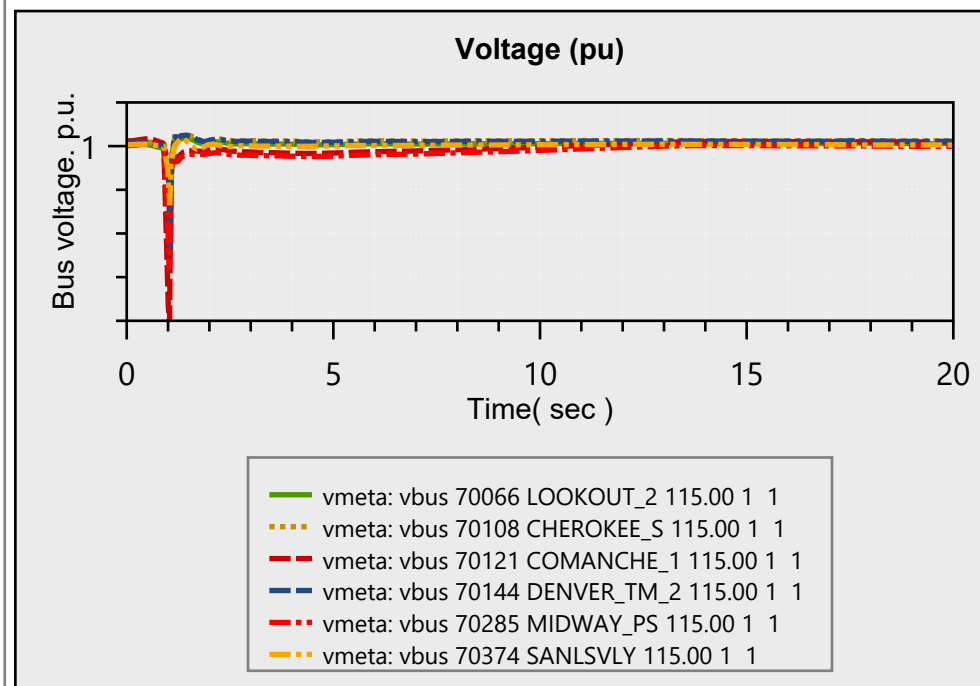
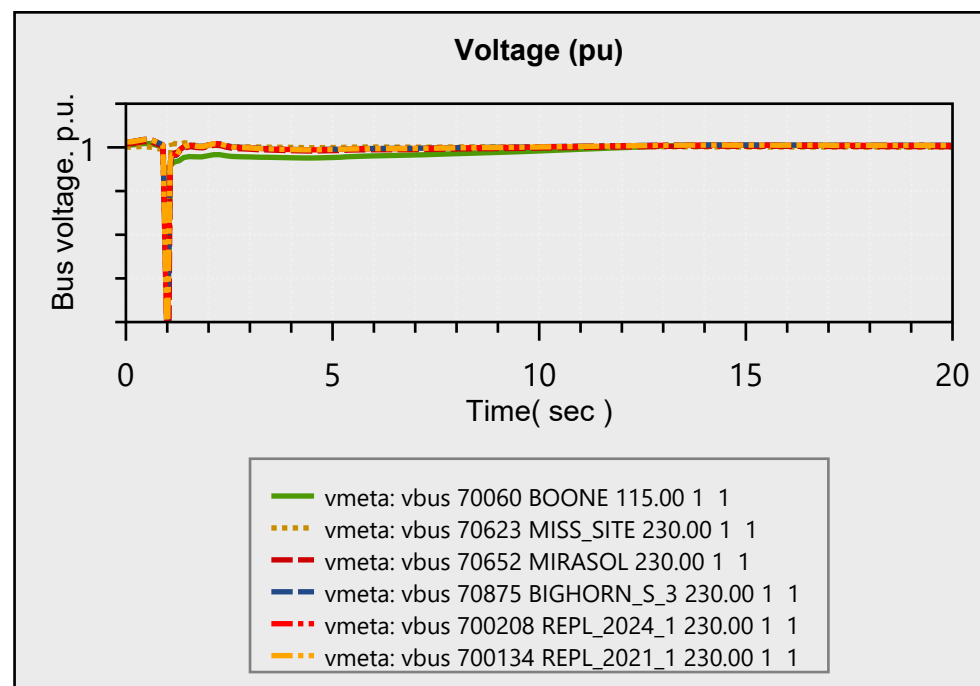
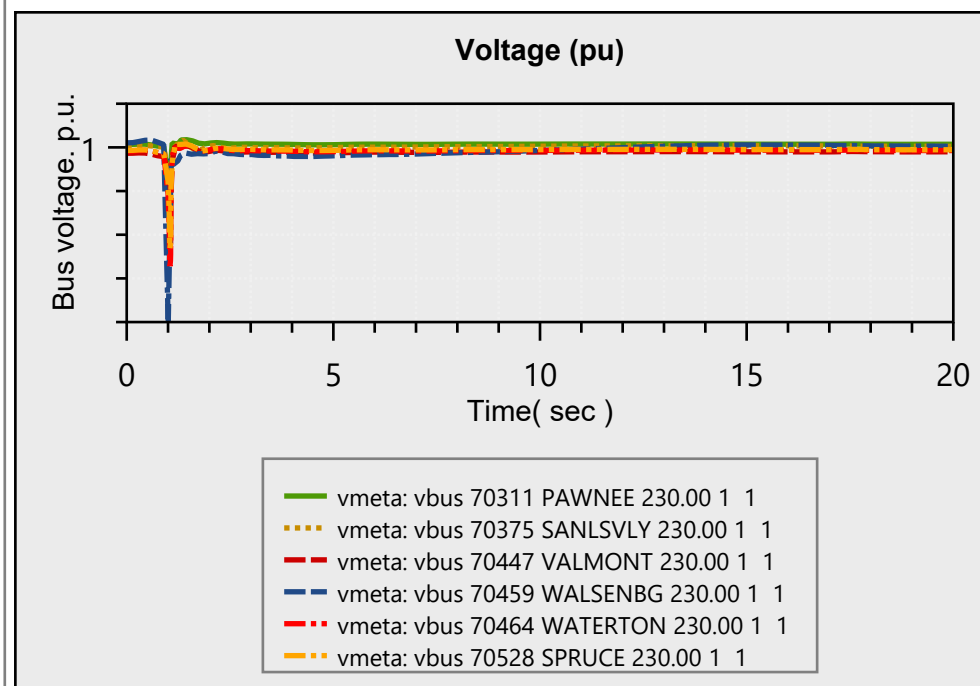
OUTPUTS



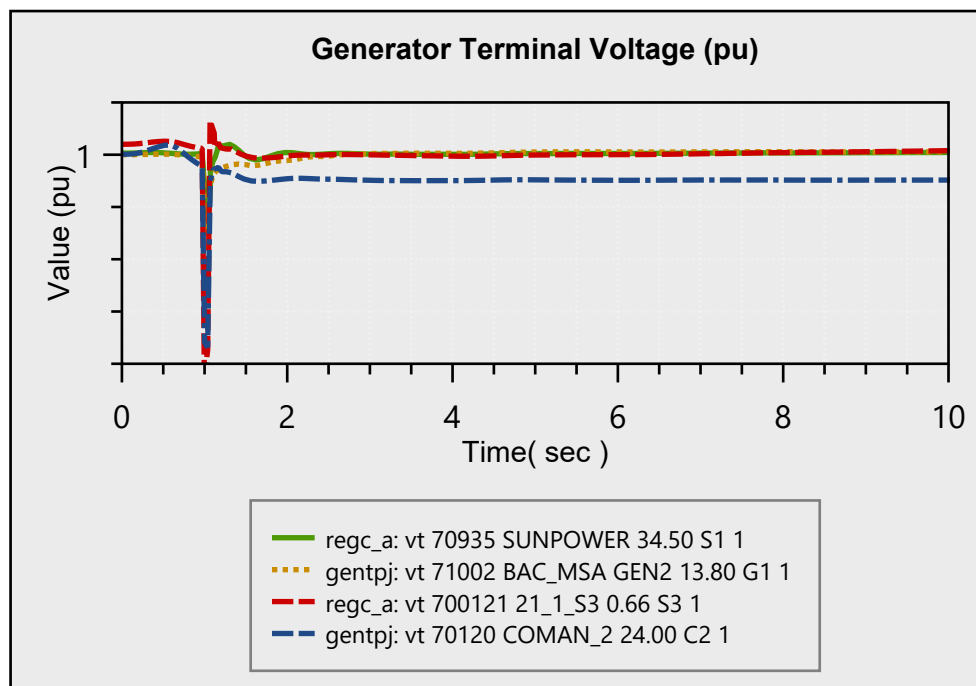
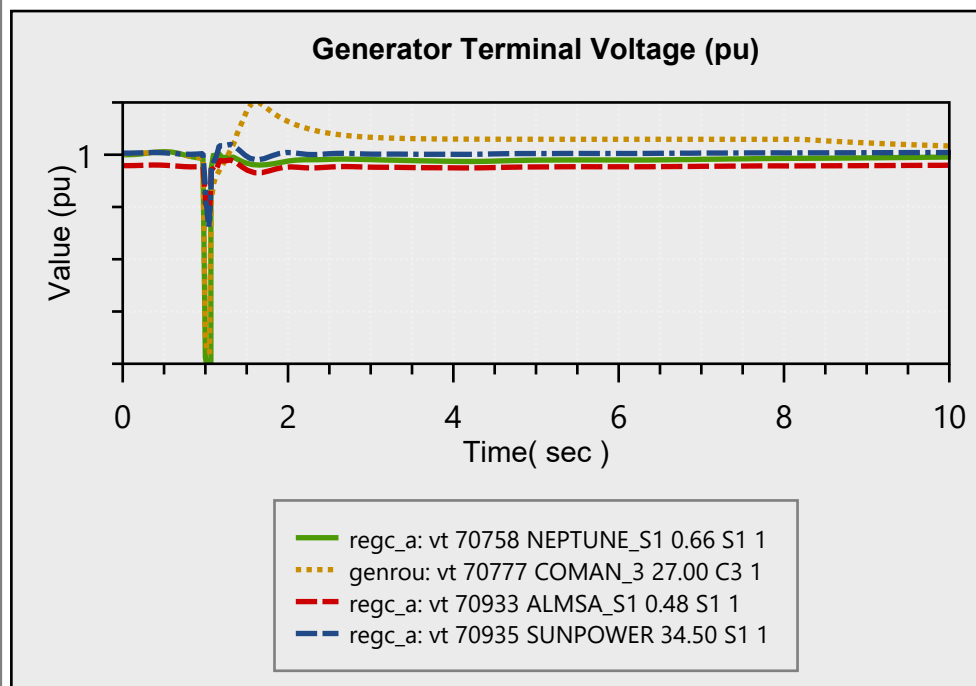
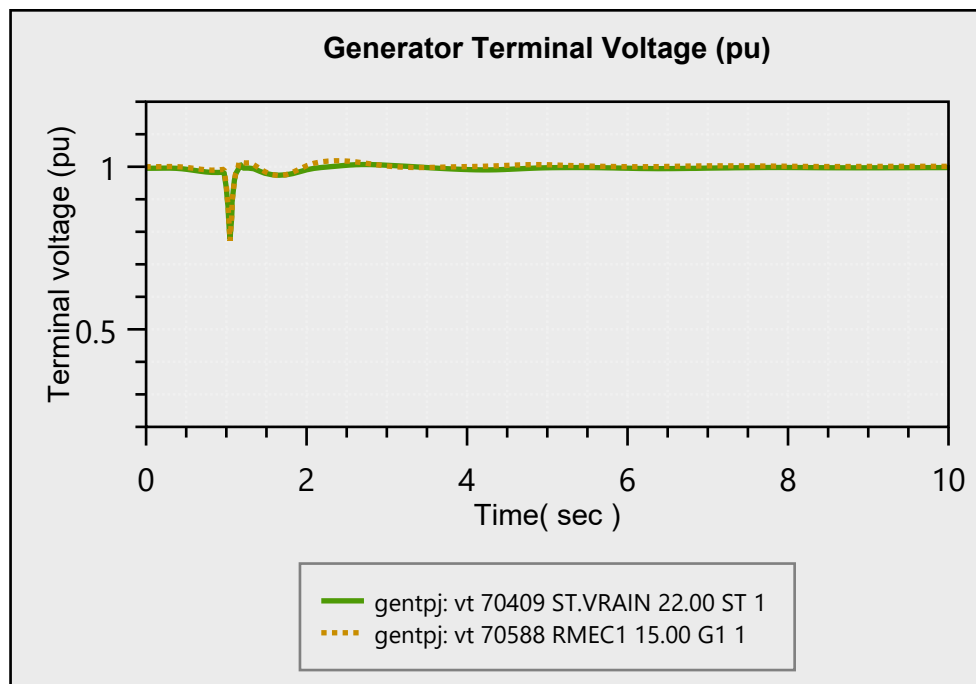
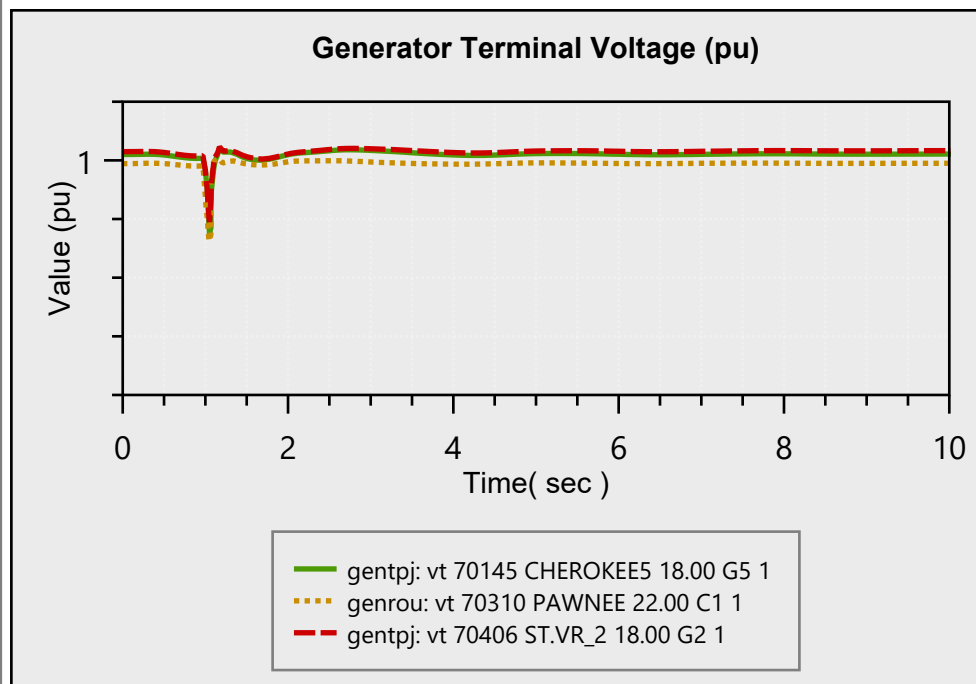
OUTPUTS



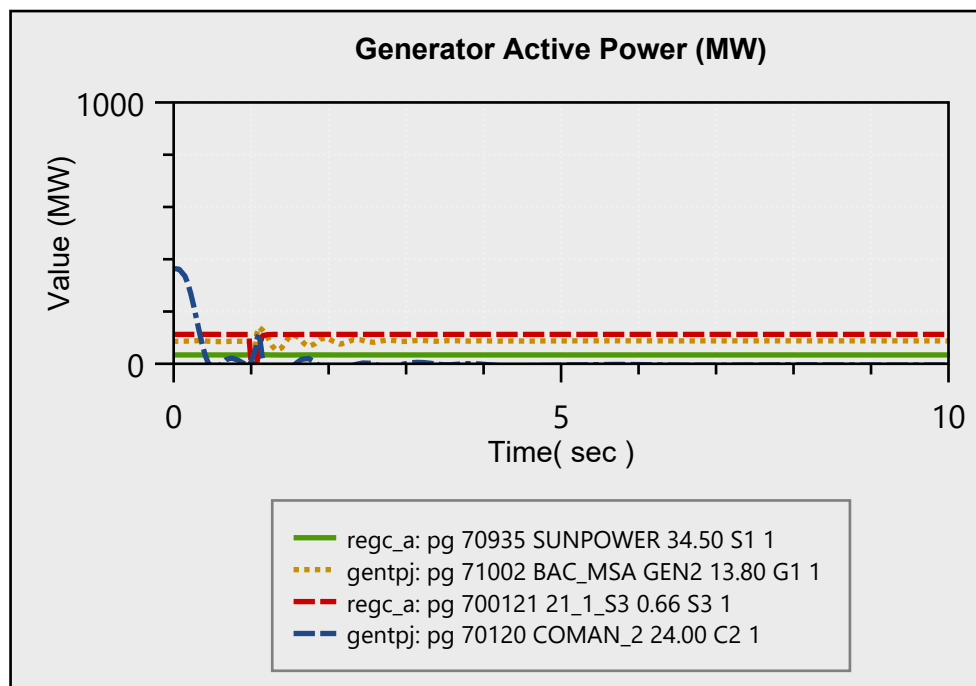
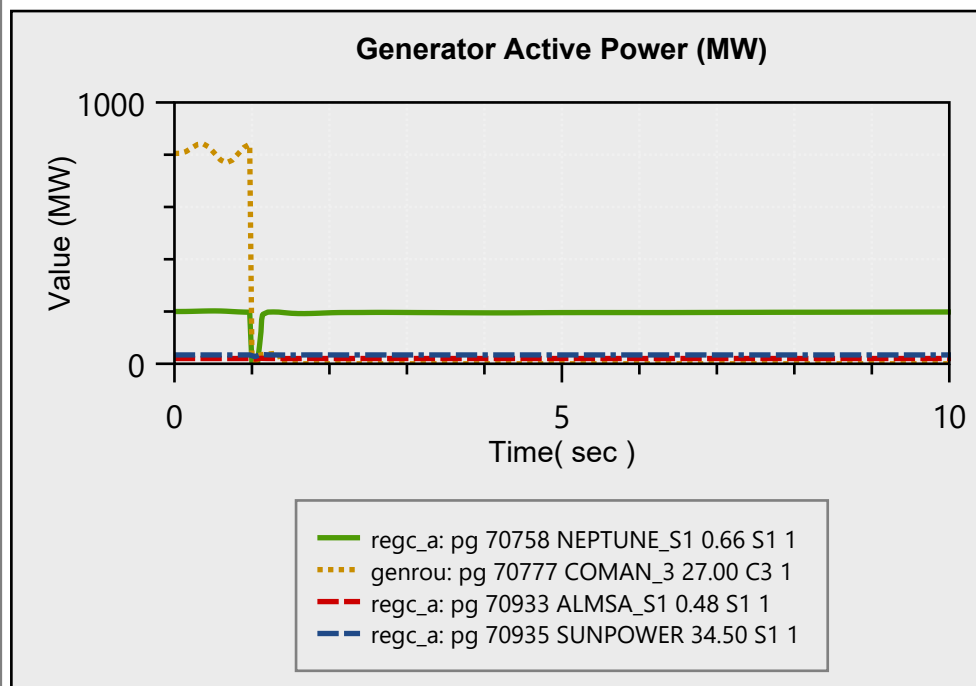
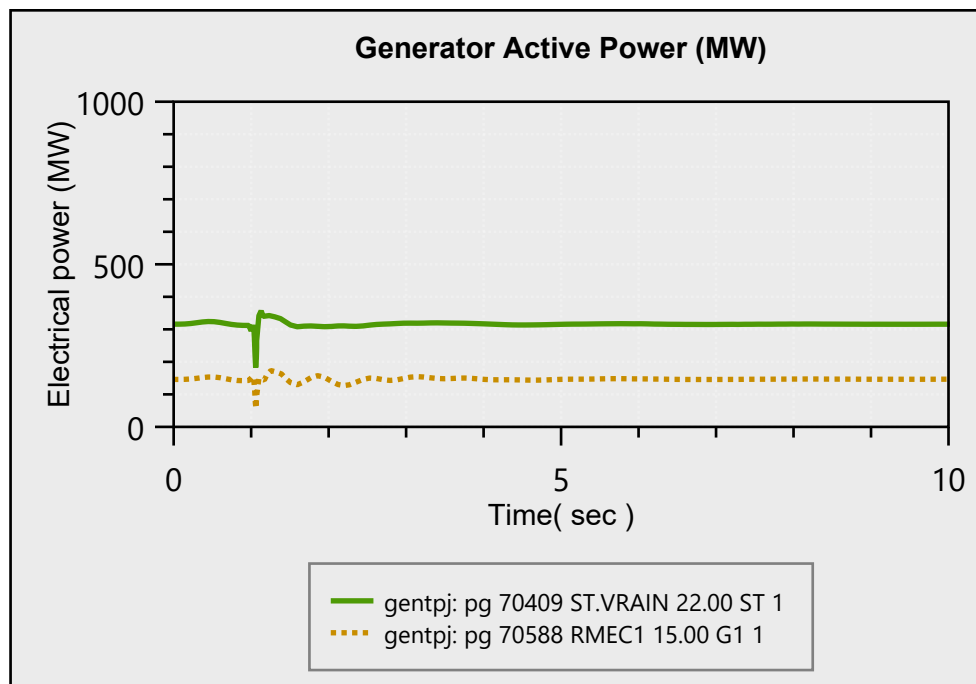
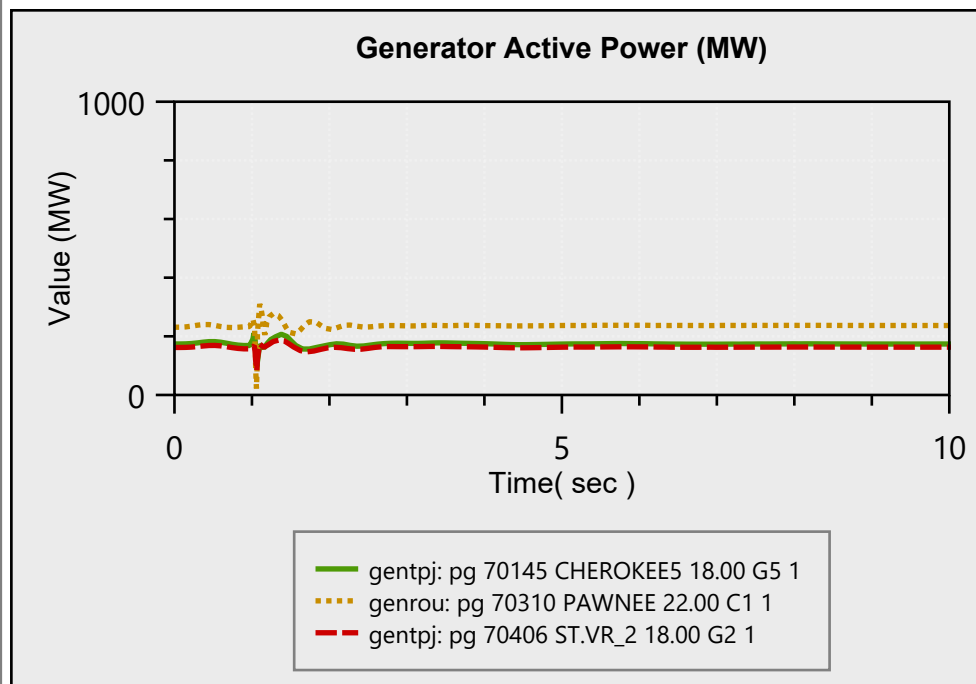
OUTPUTS



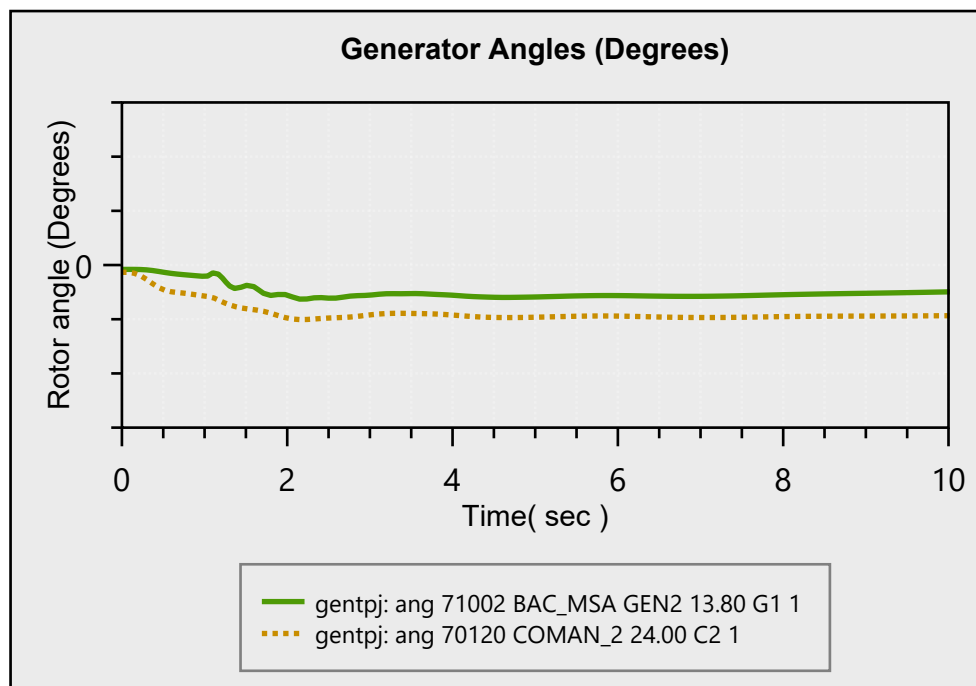
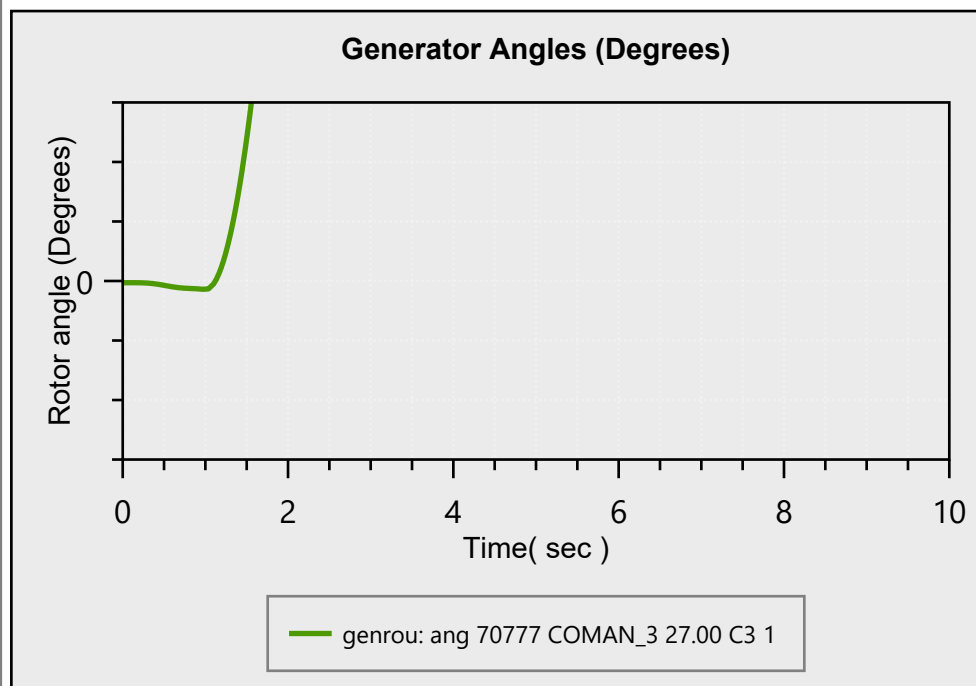
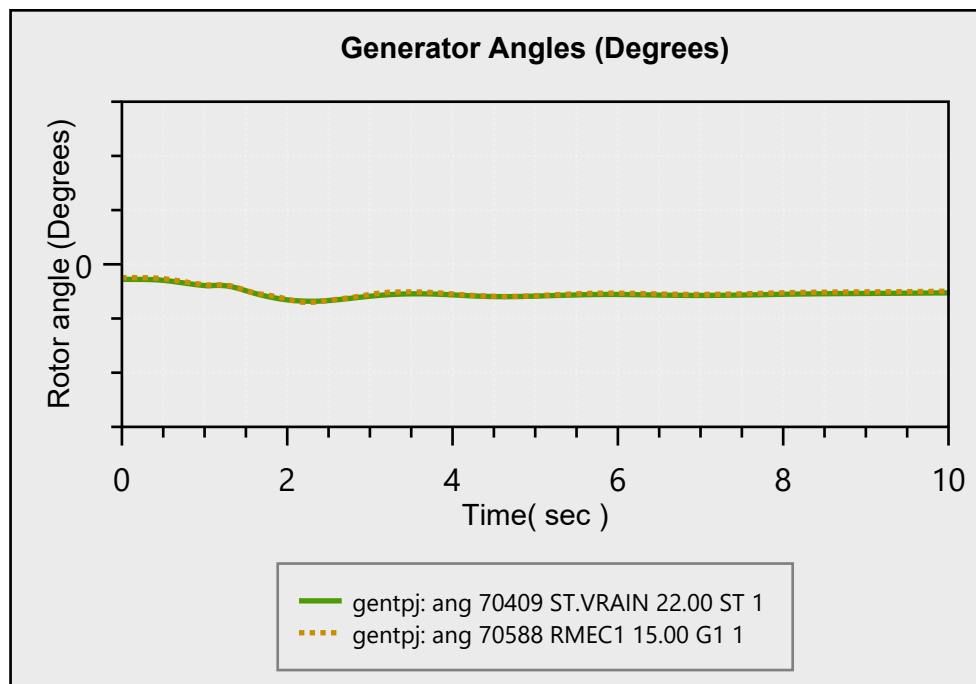
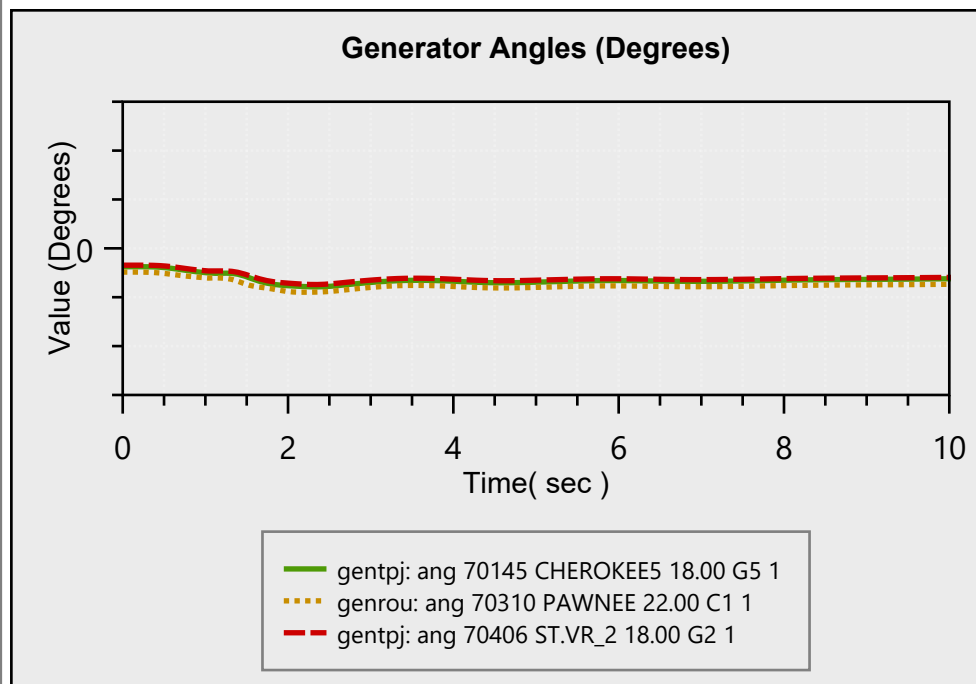
OUTPUTS



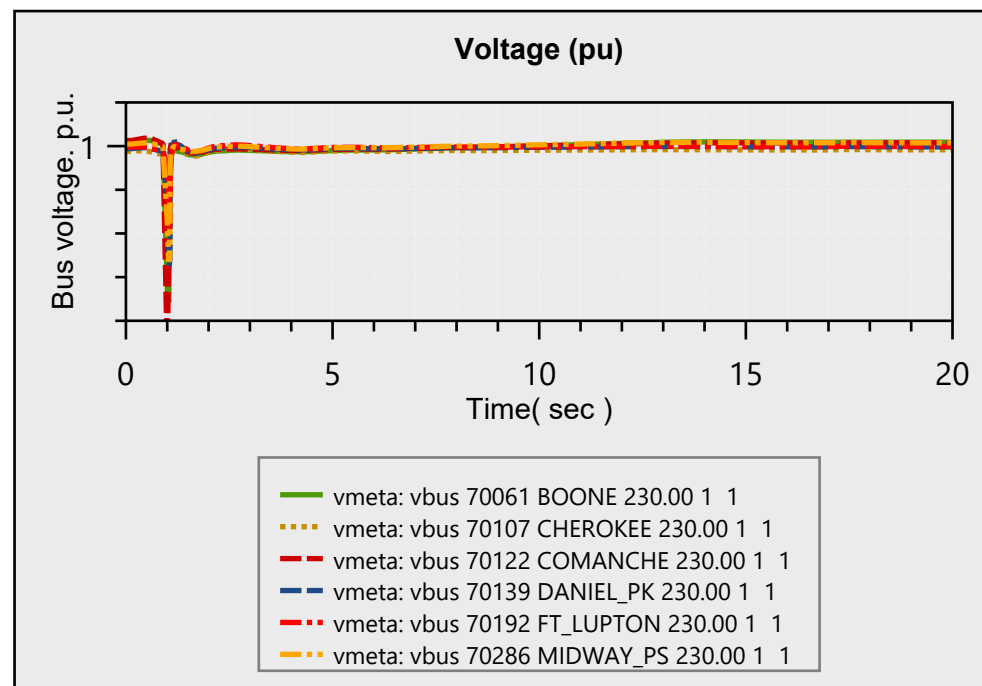
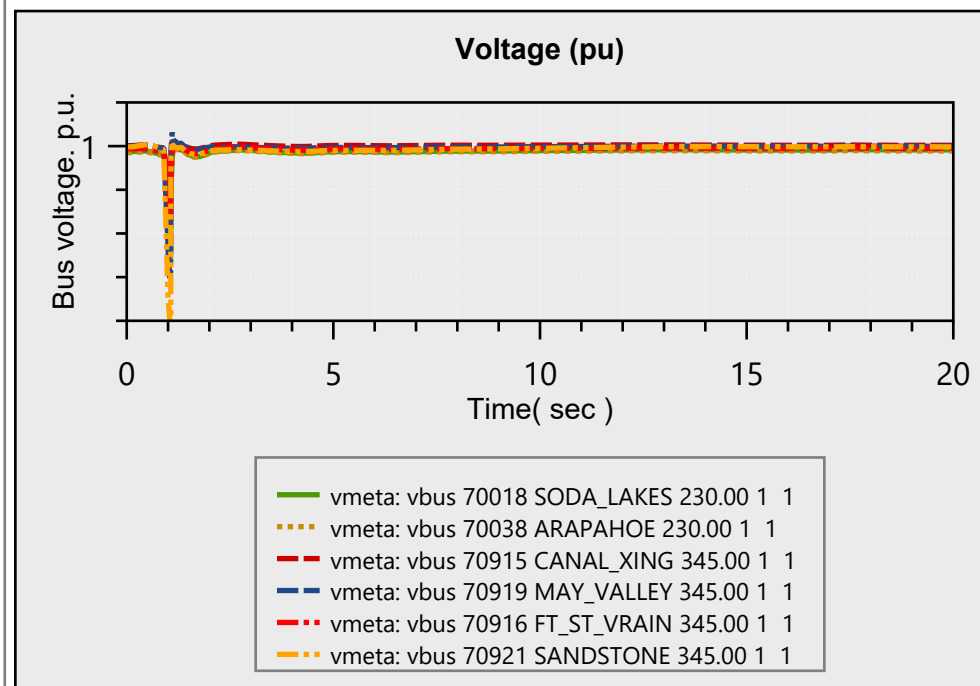
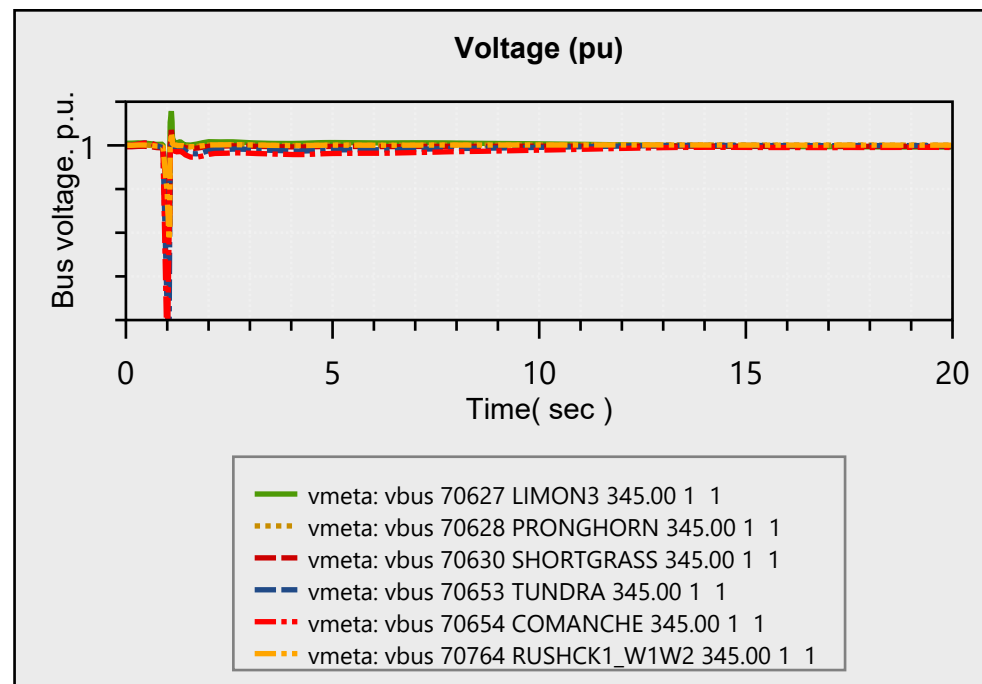
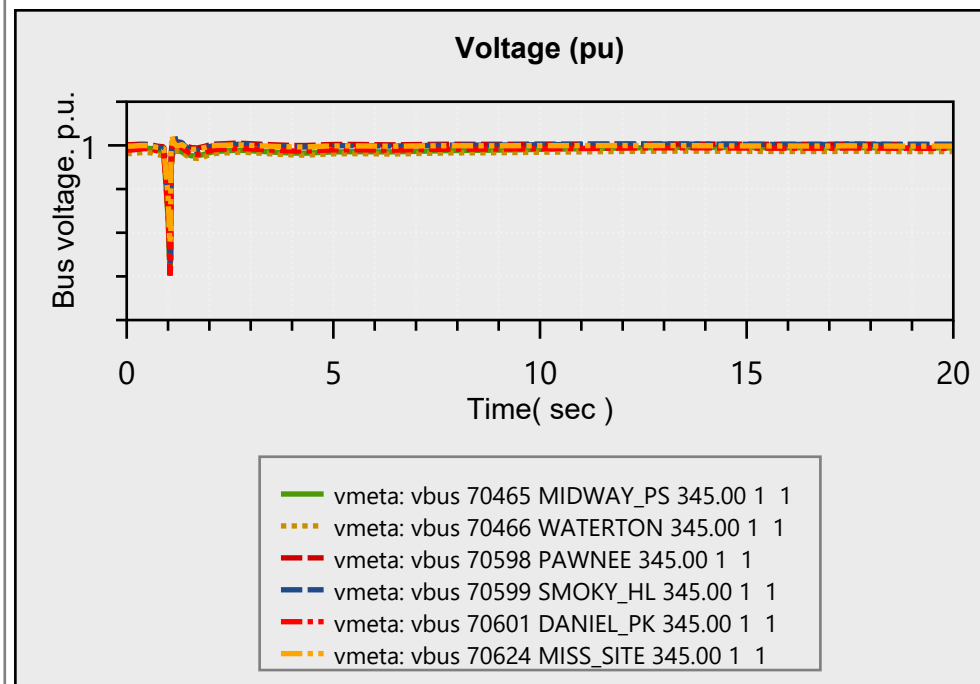
OUTPUTS



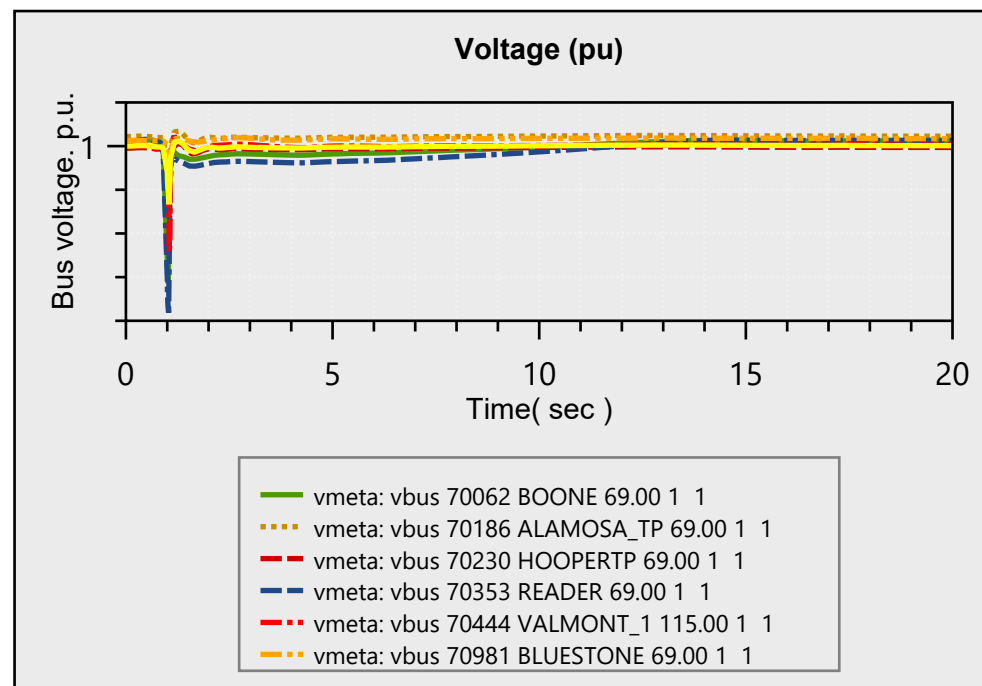
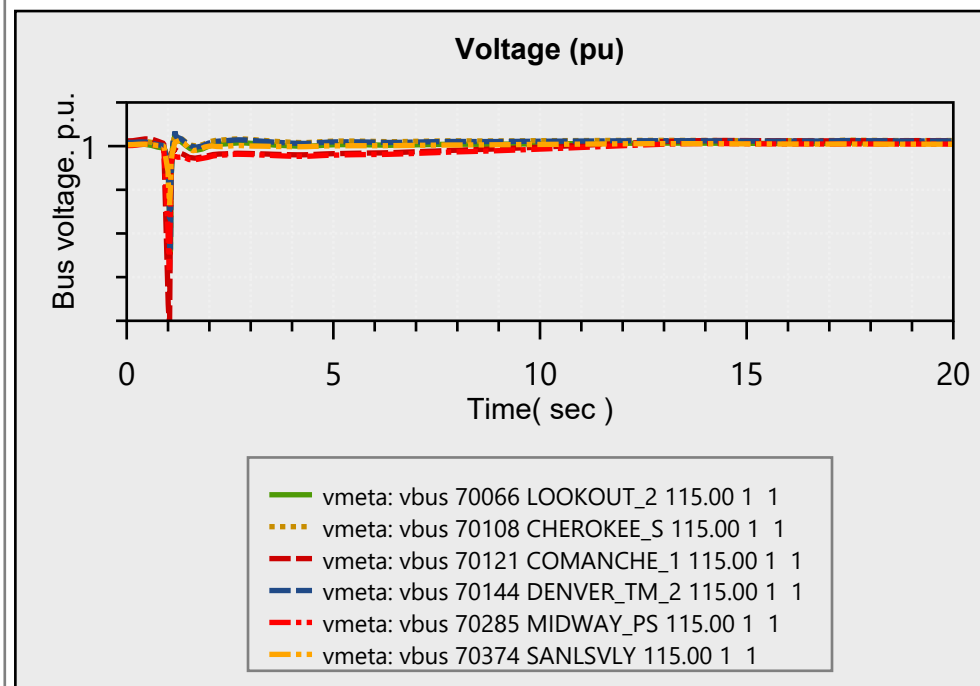
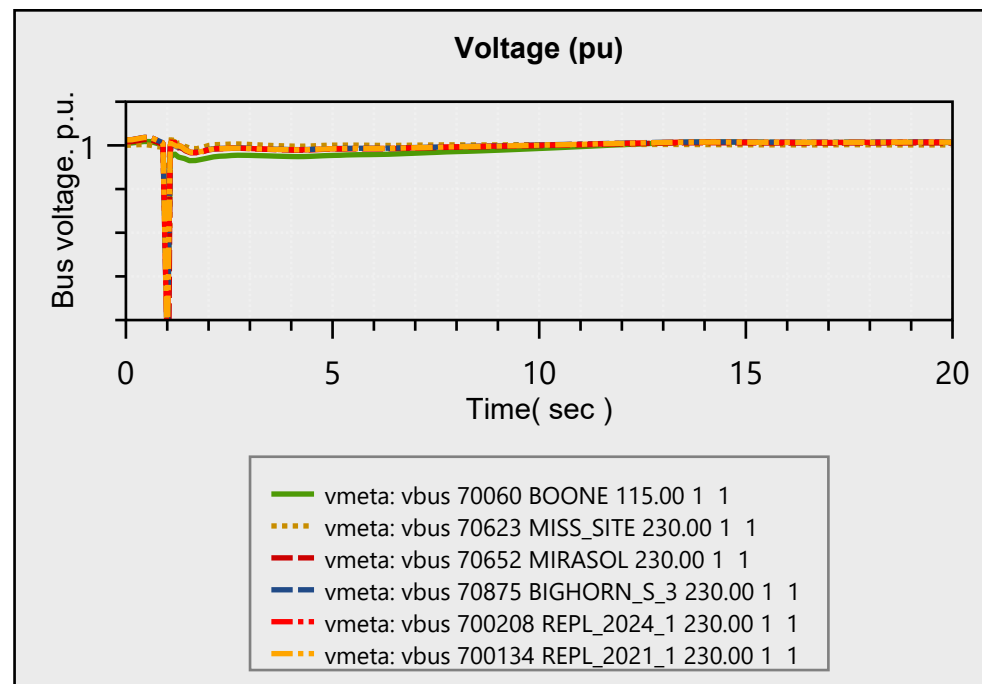
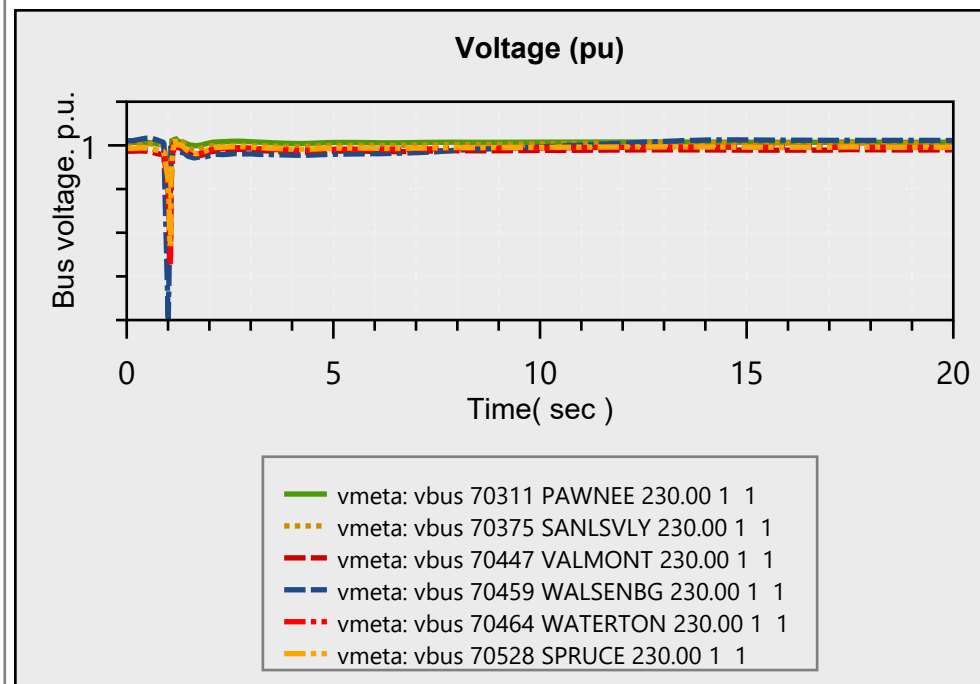
OUTPUTS



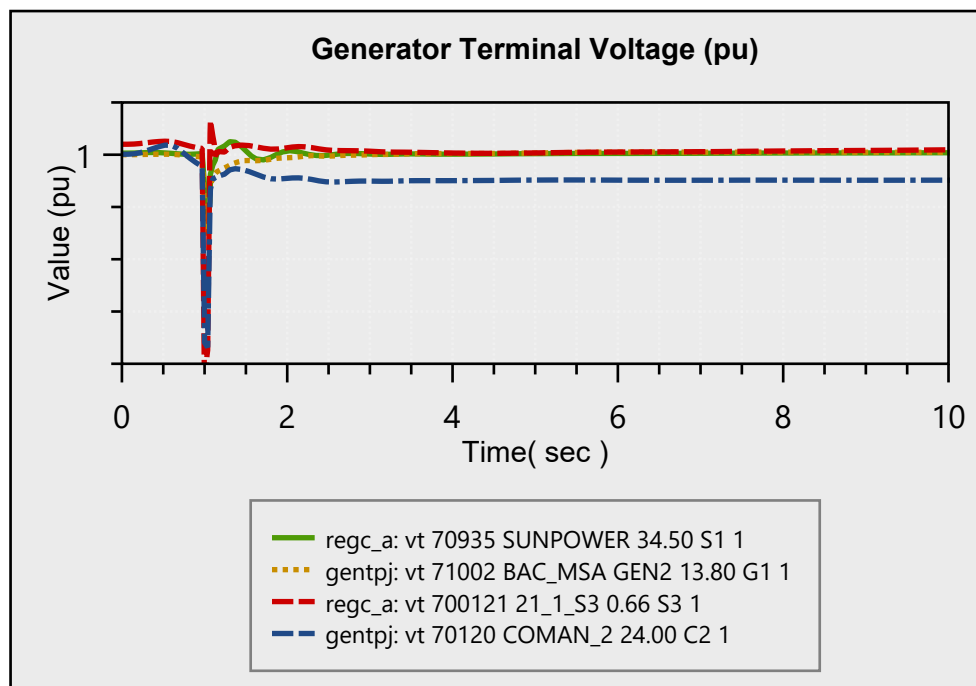
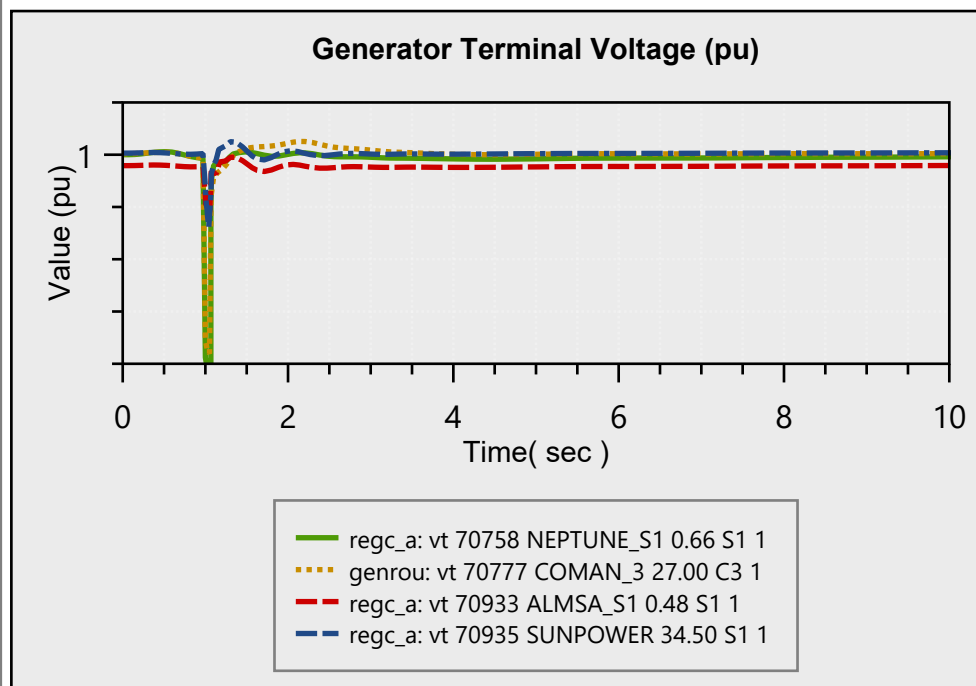
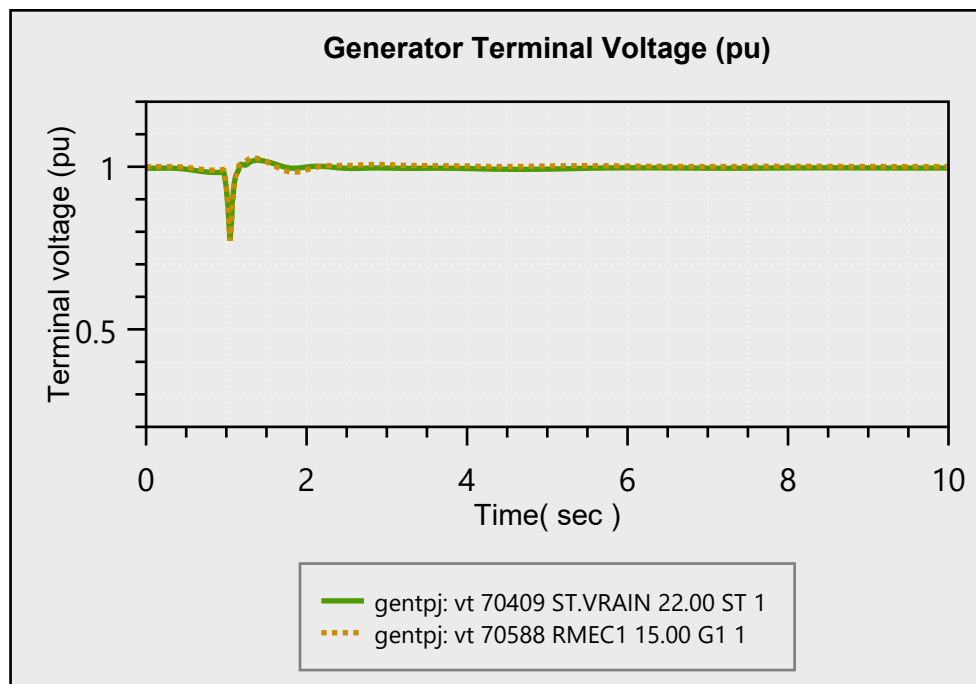
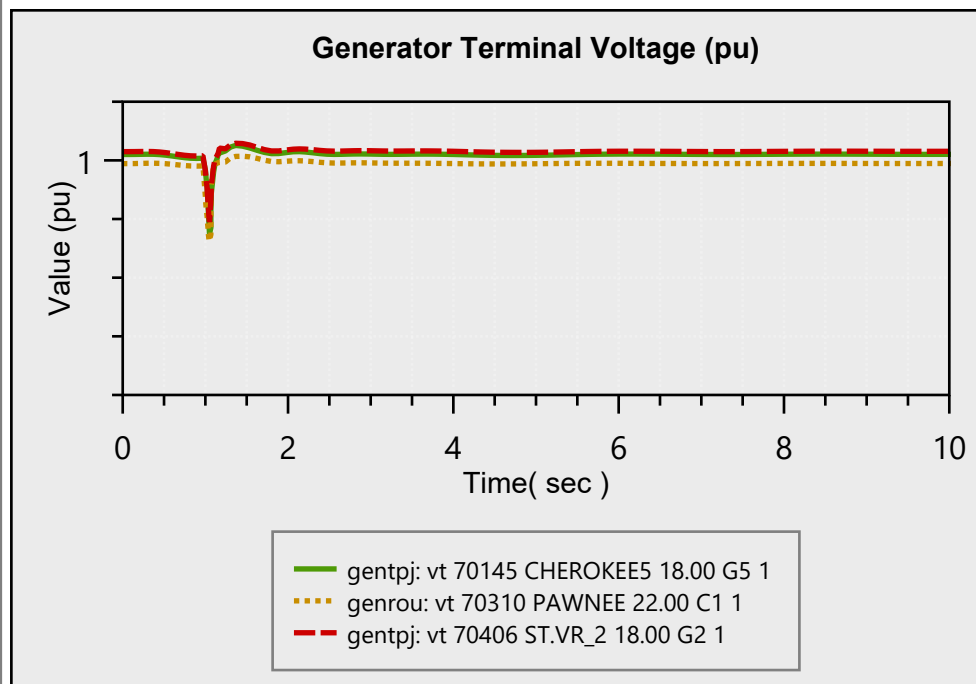
OUTPUTS



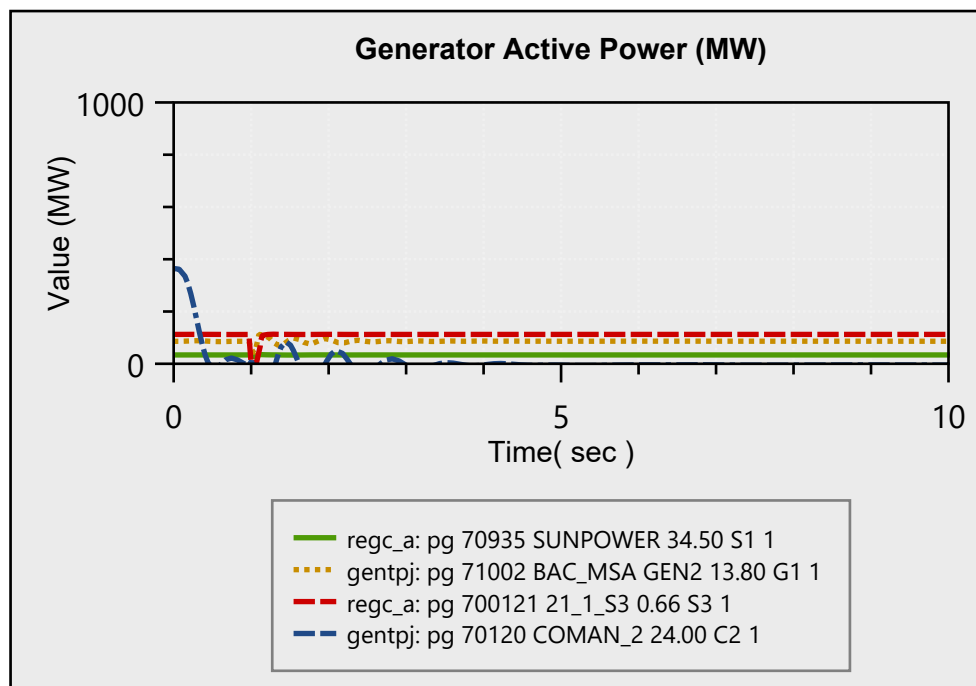
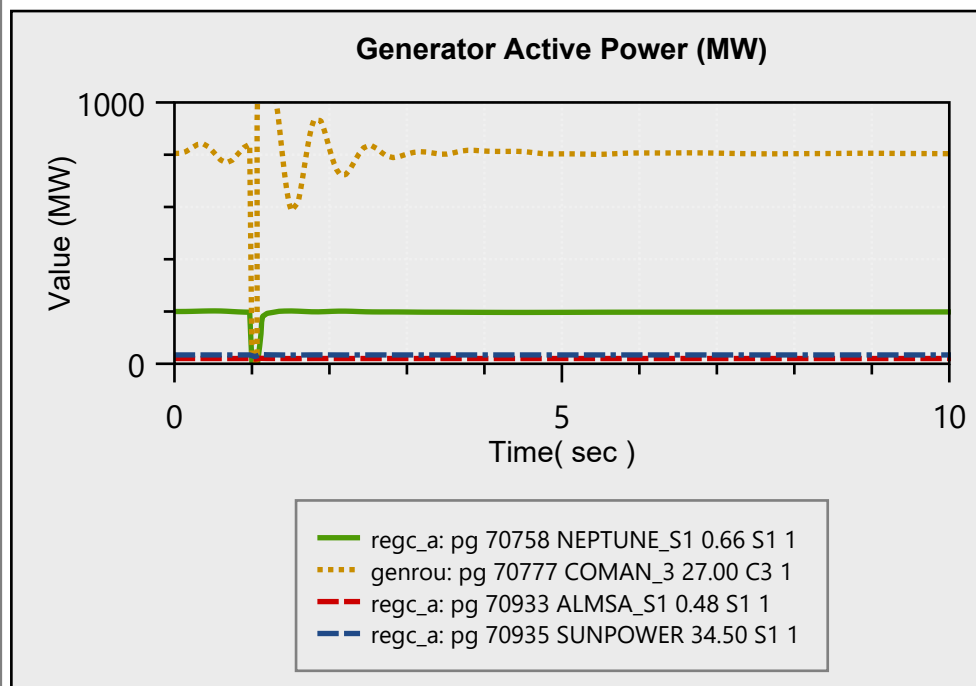
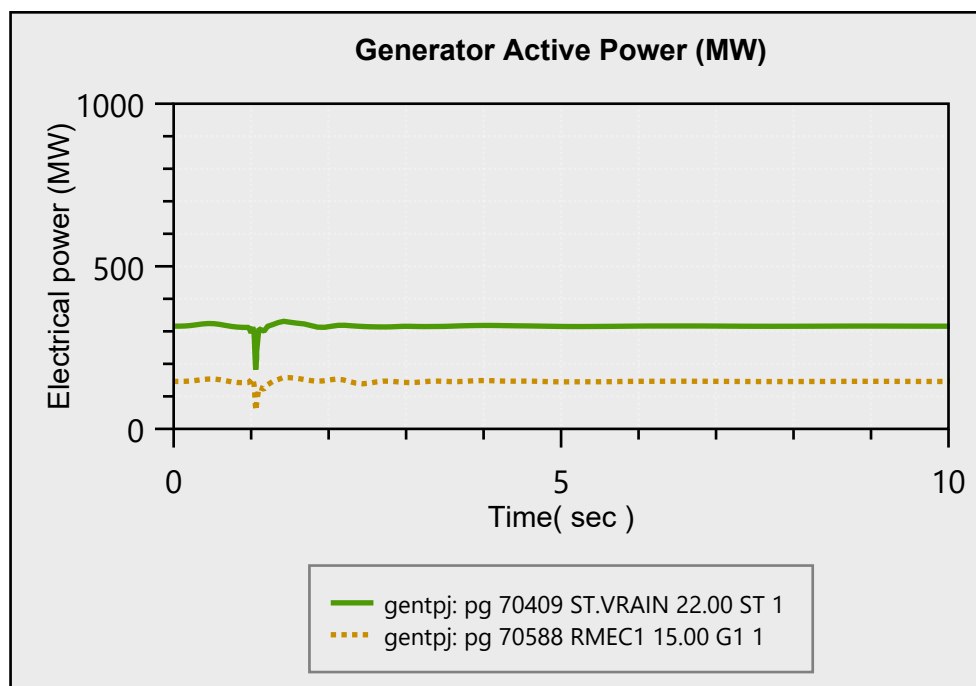
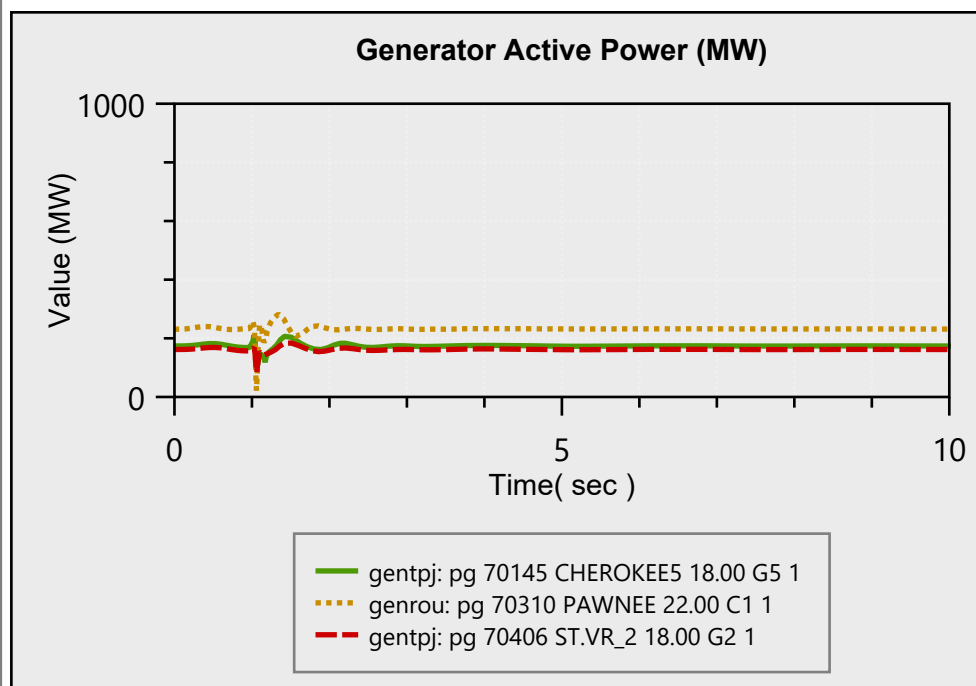
OUTPUTS



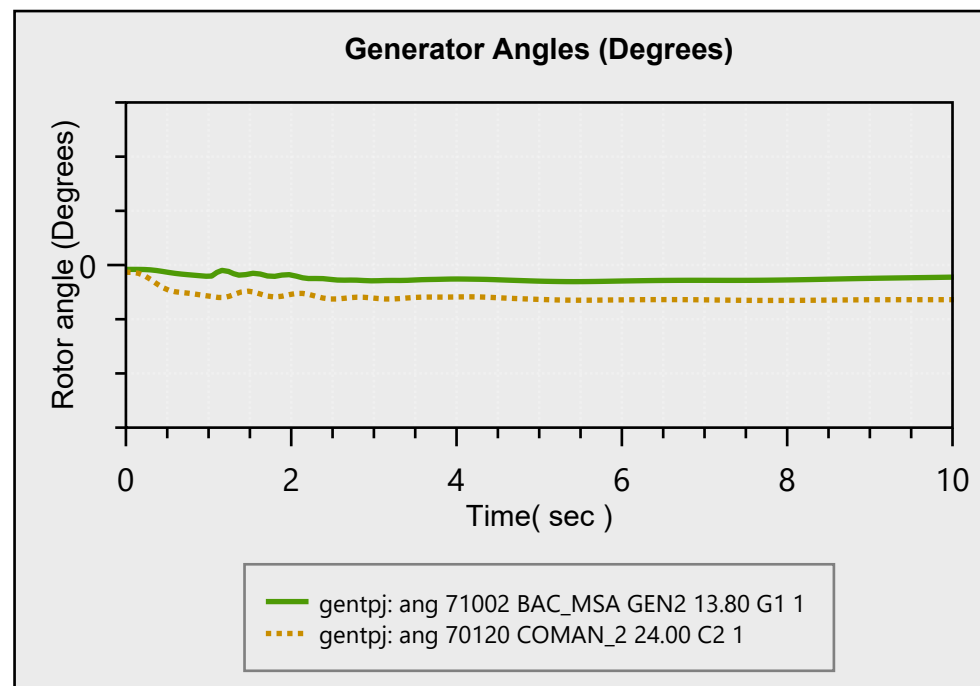
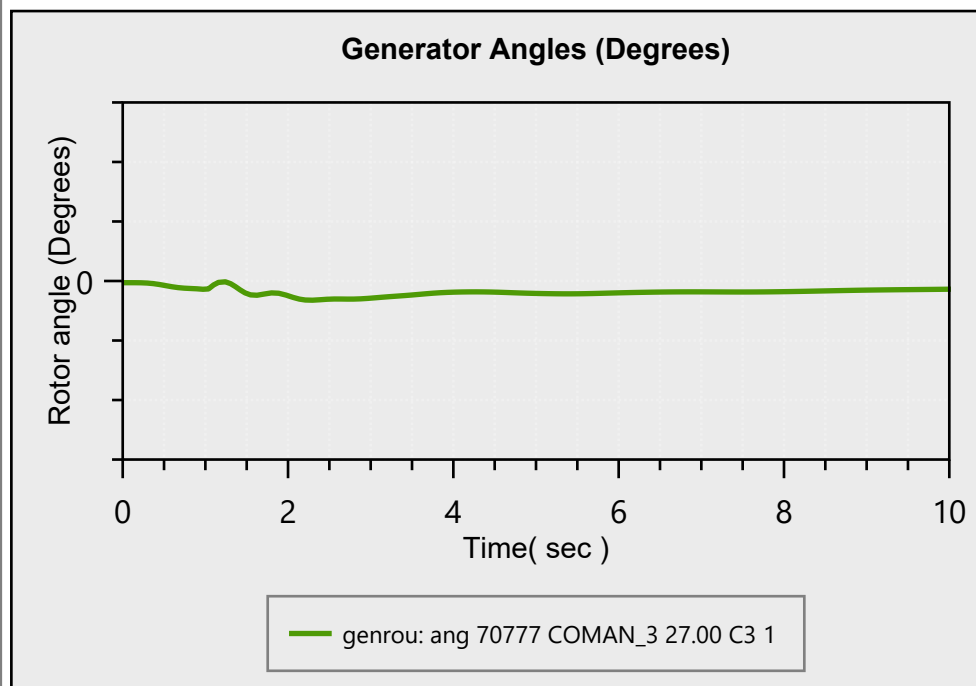
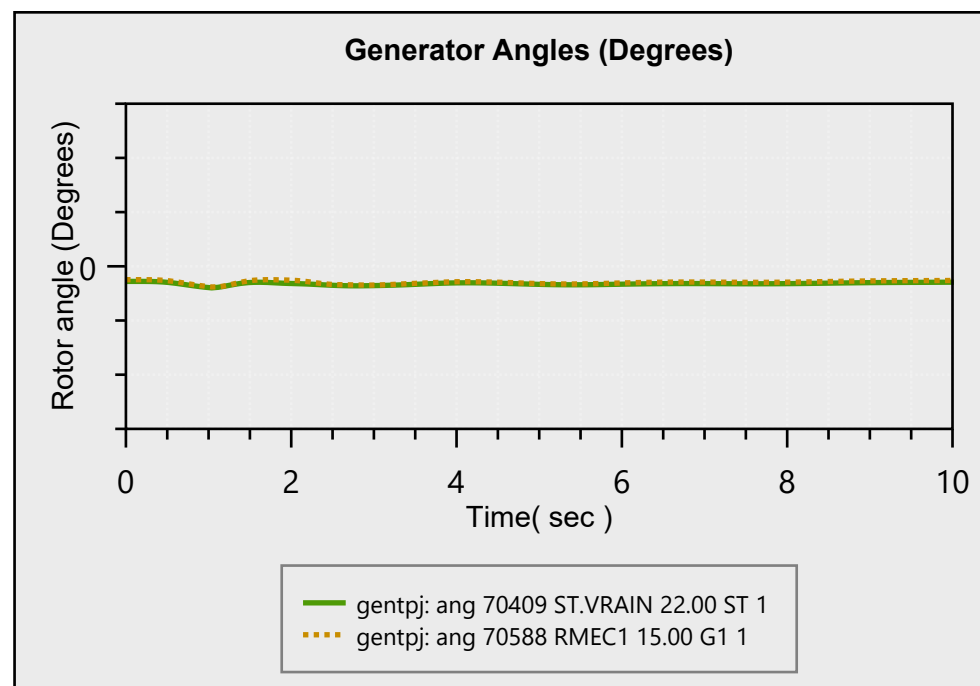
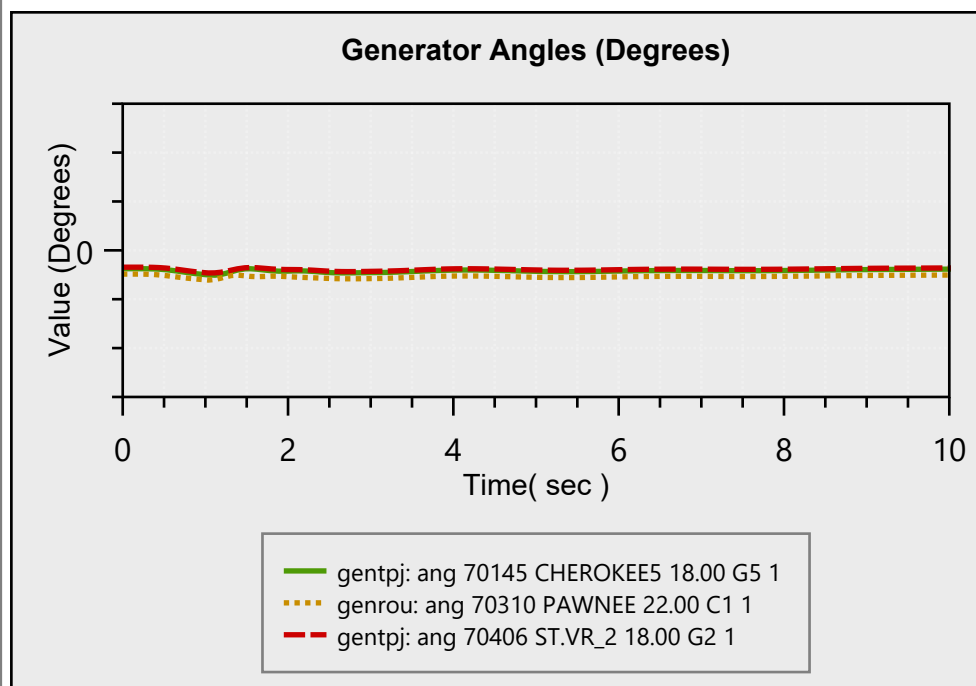
OUTPUTS



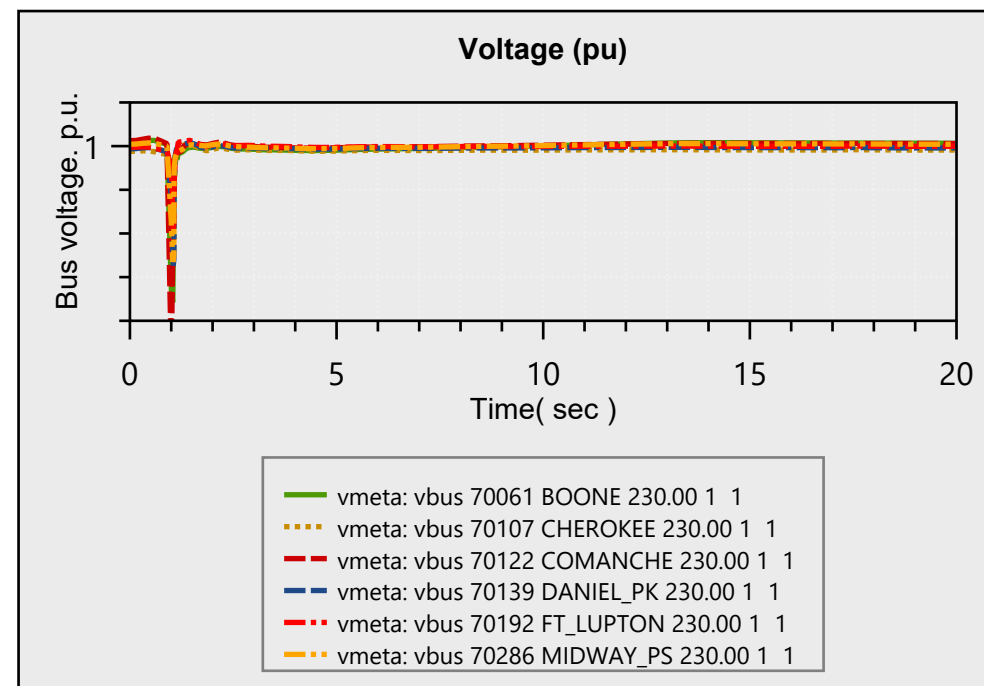
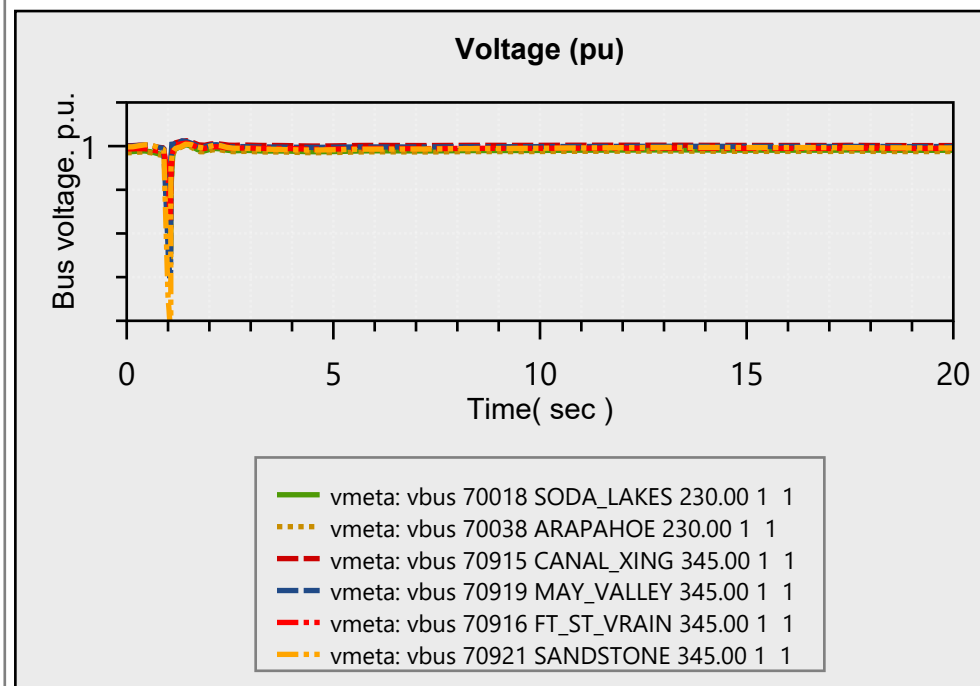
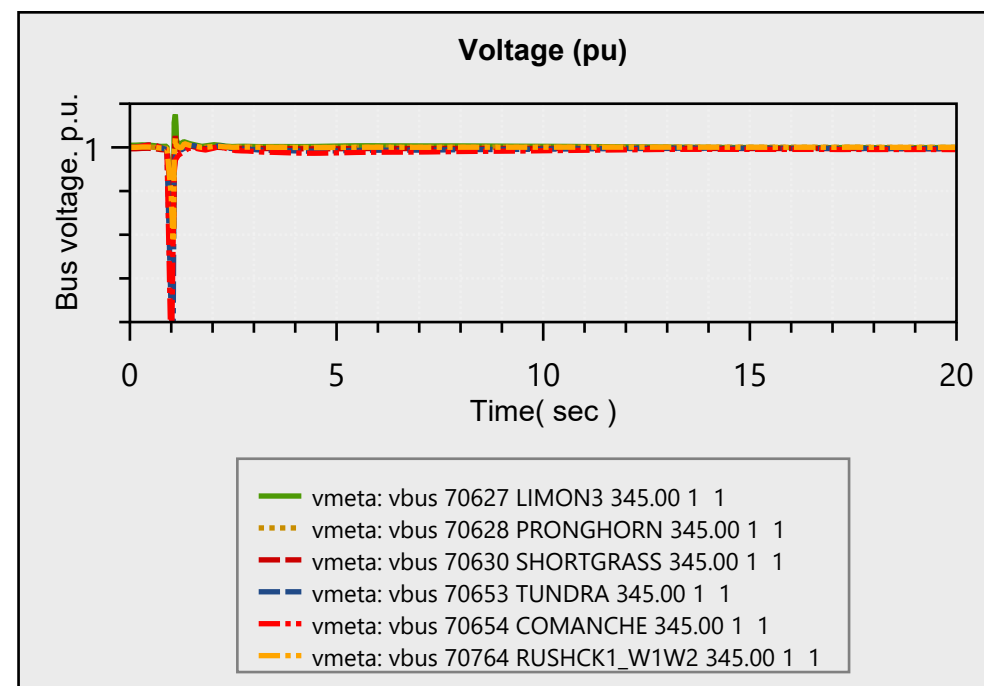
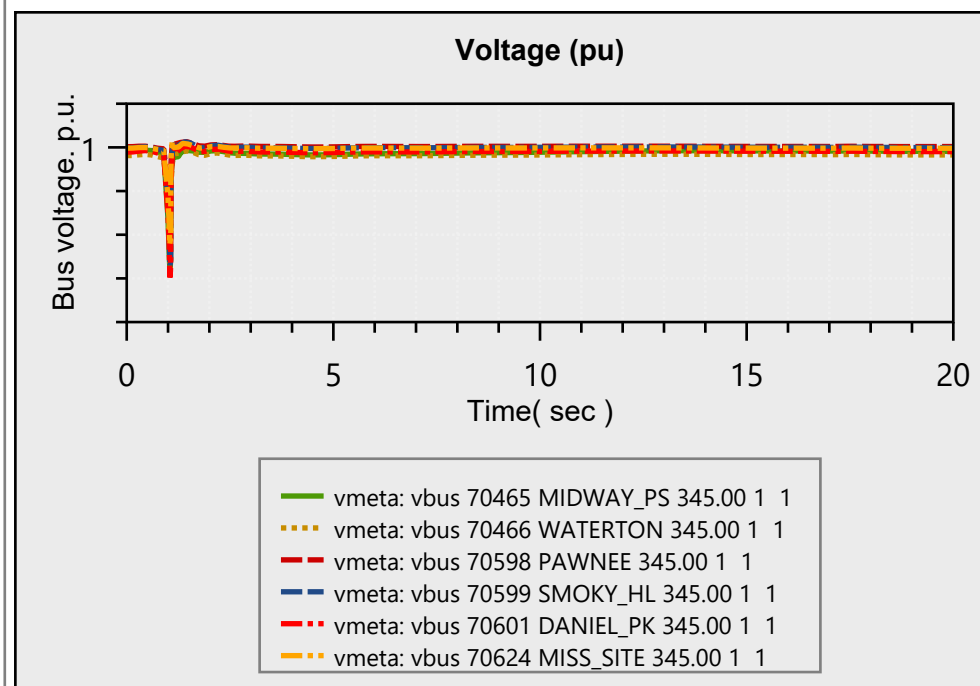
OUTPUTS



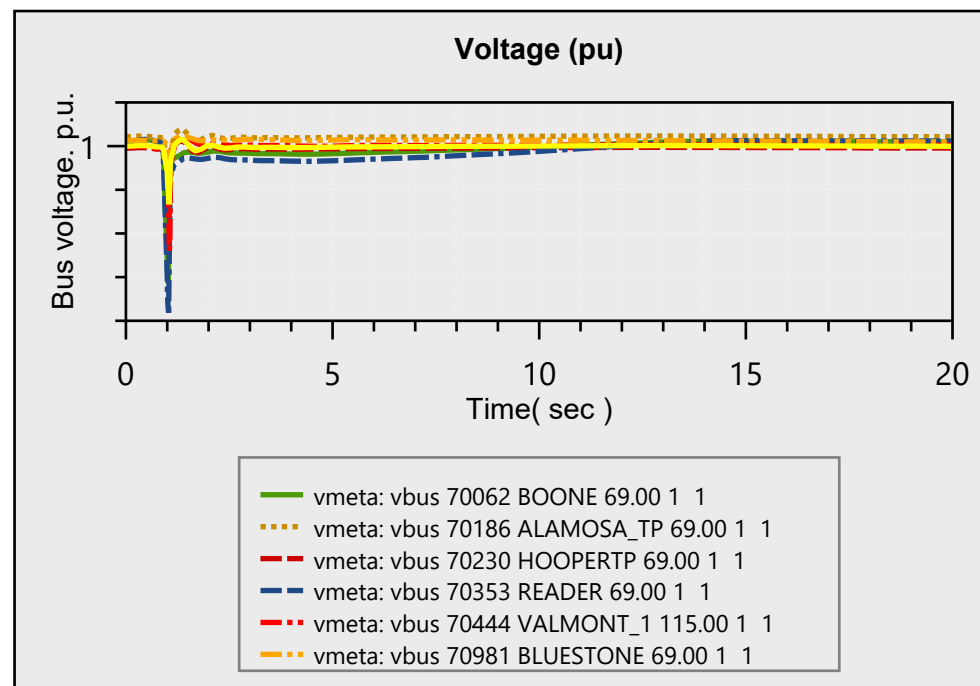
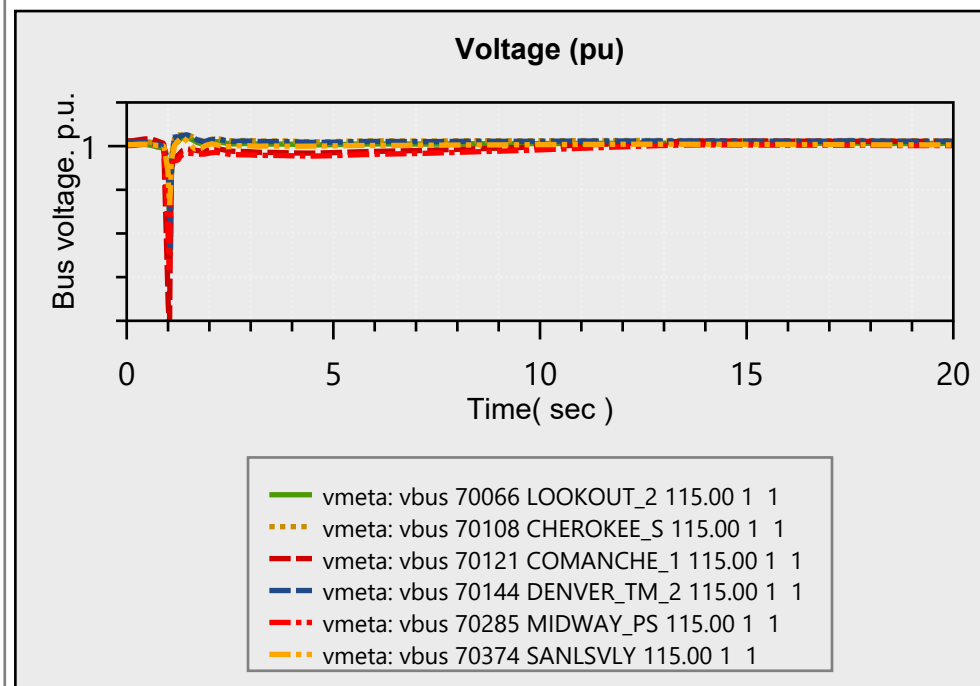
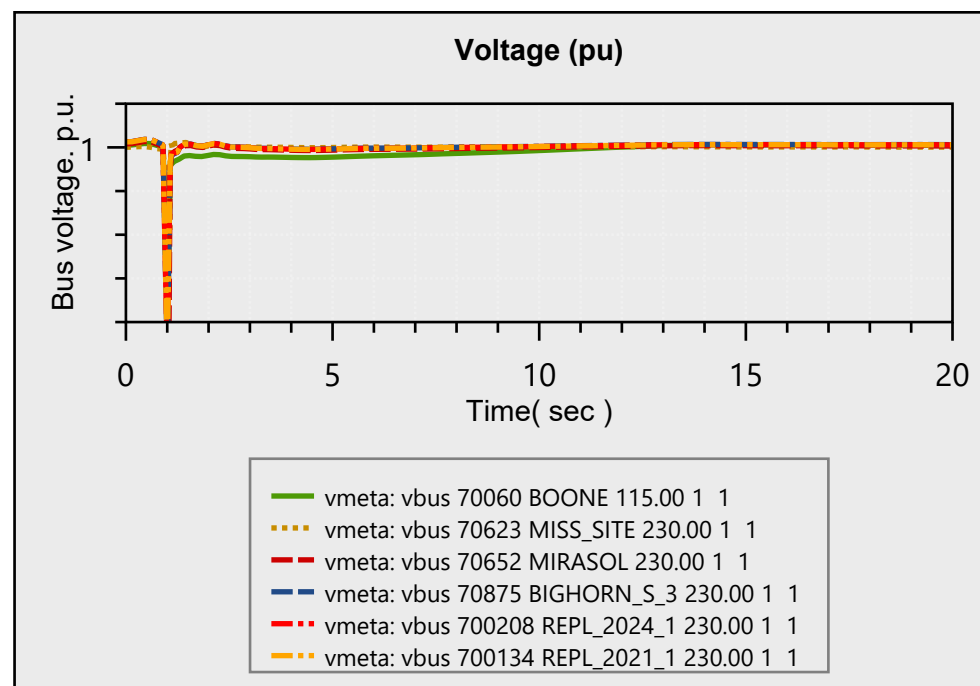
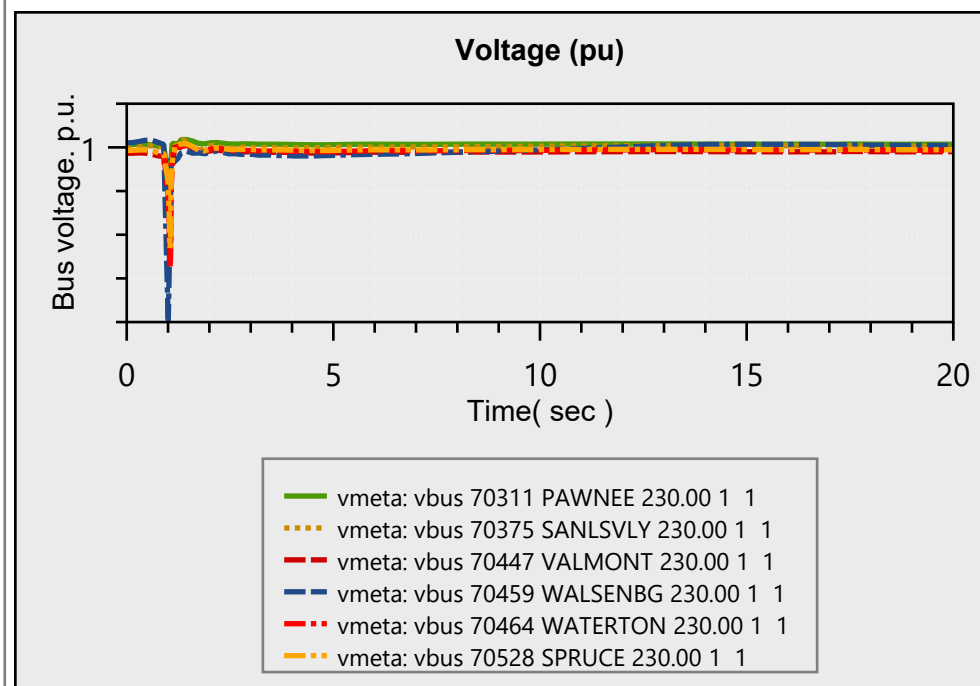
OUTPUTS



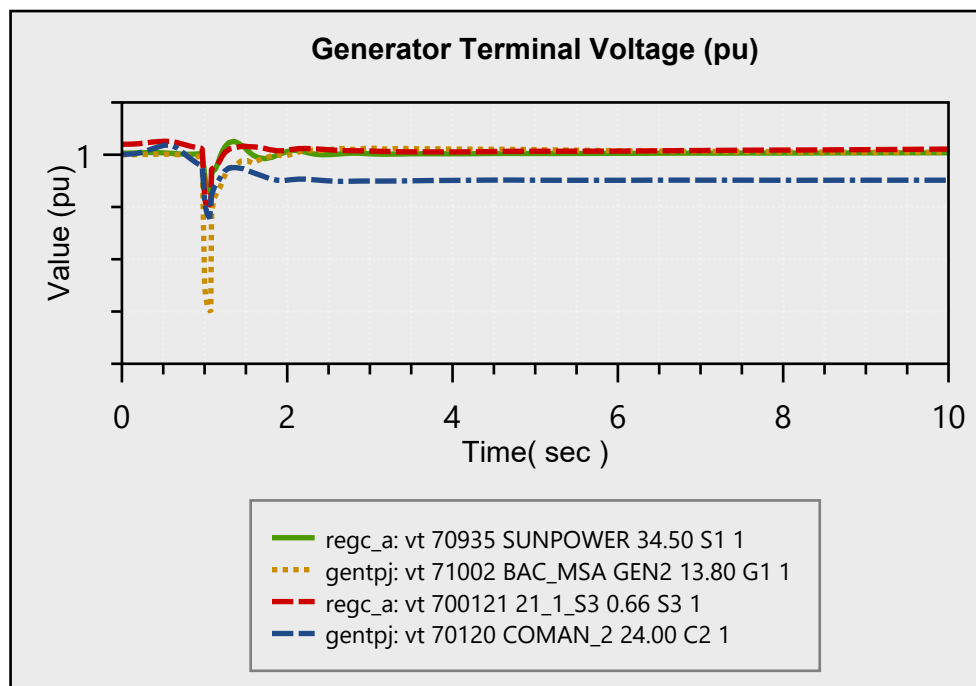
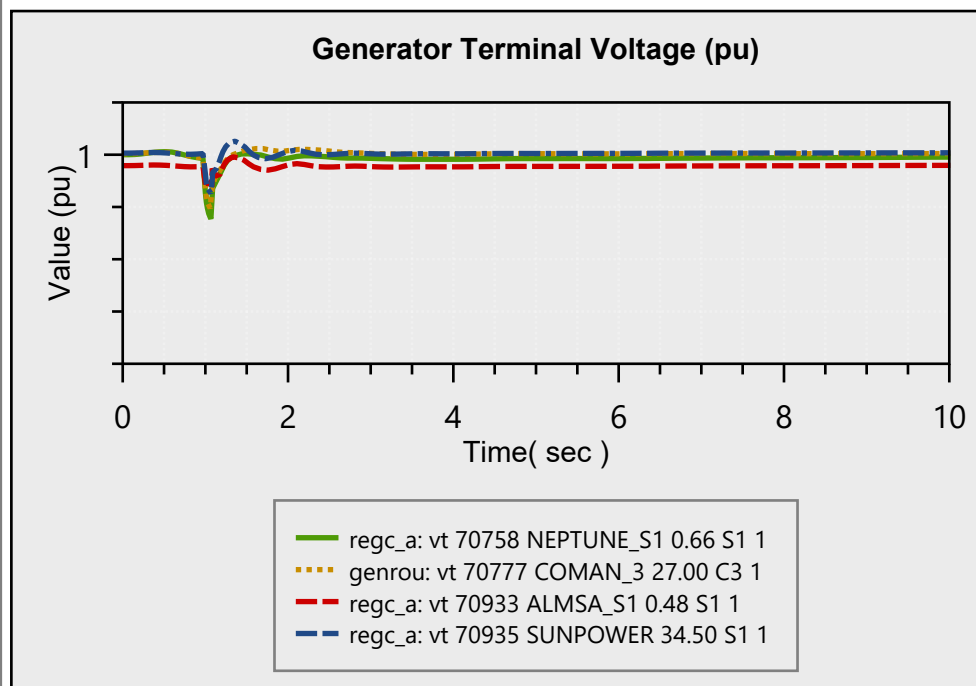
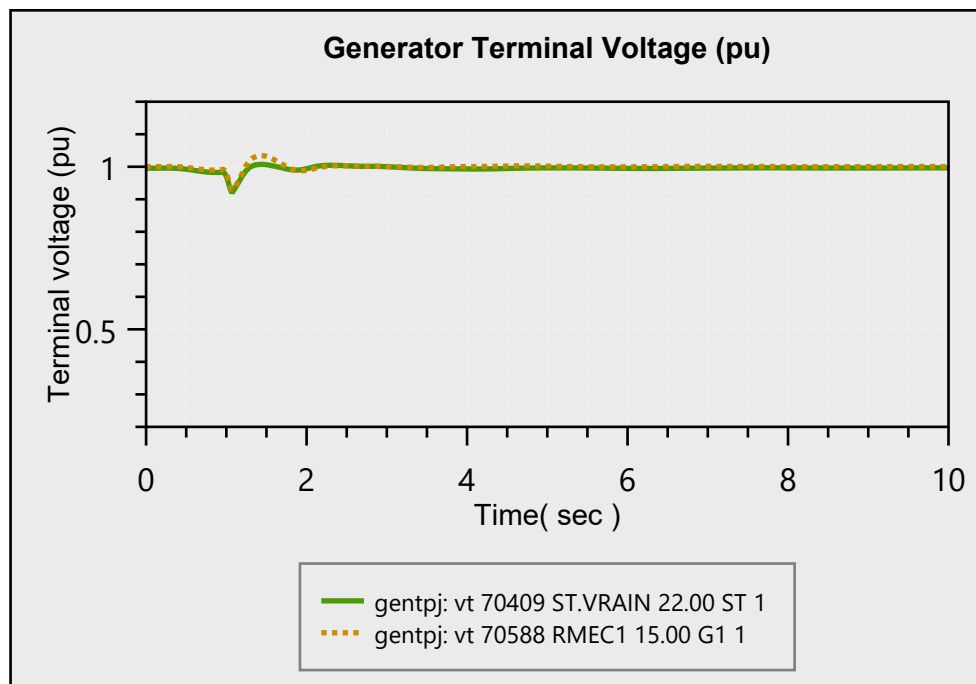
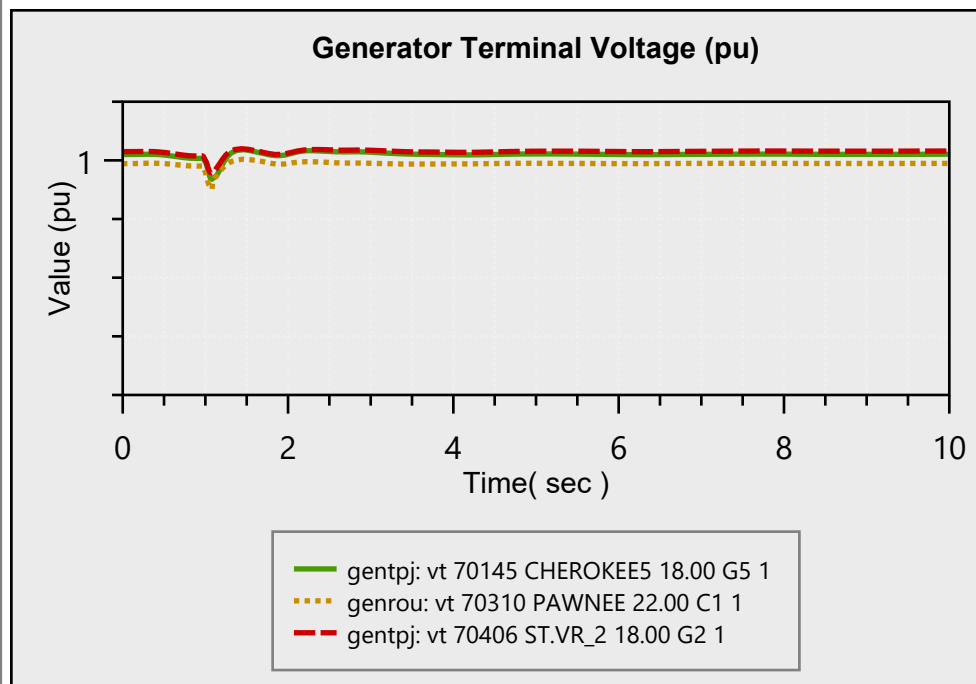
OUTPUTS



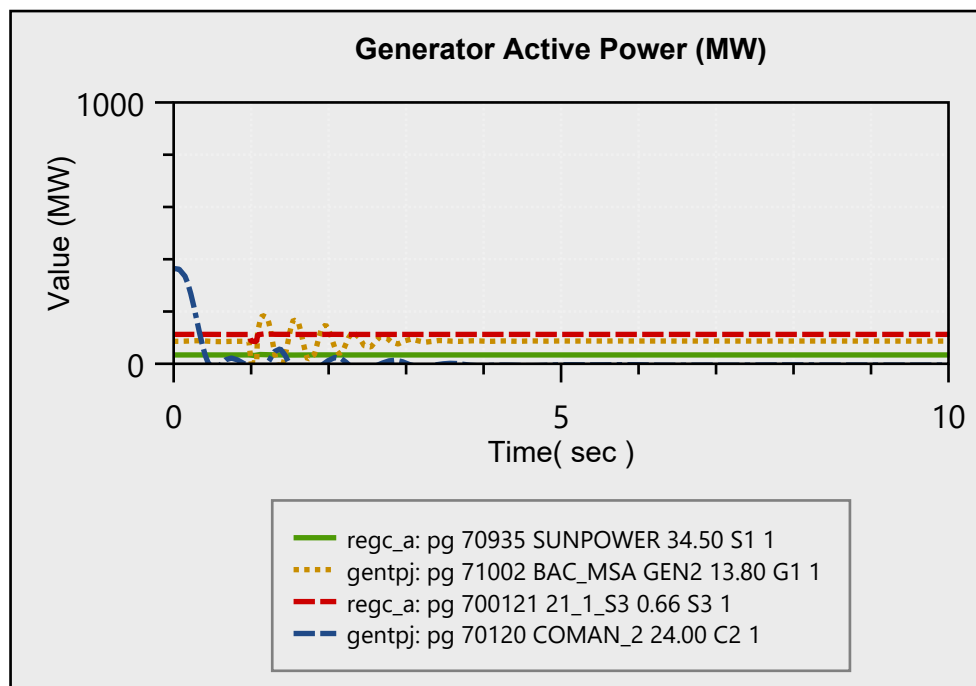
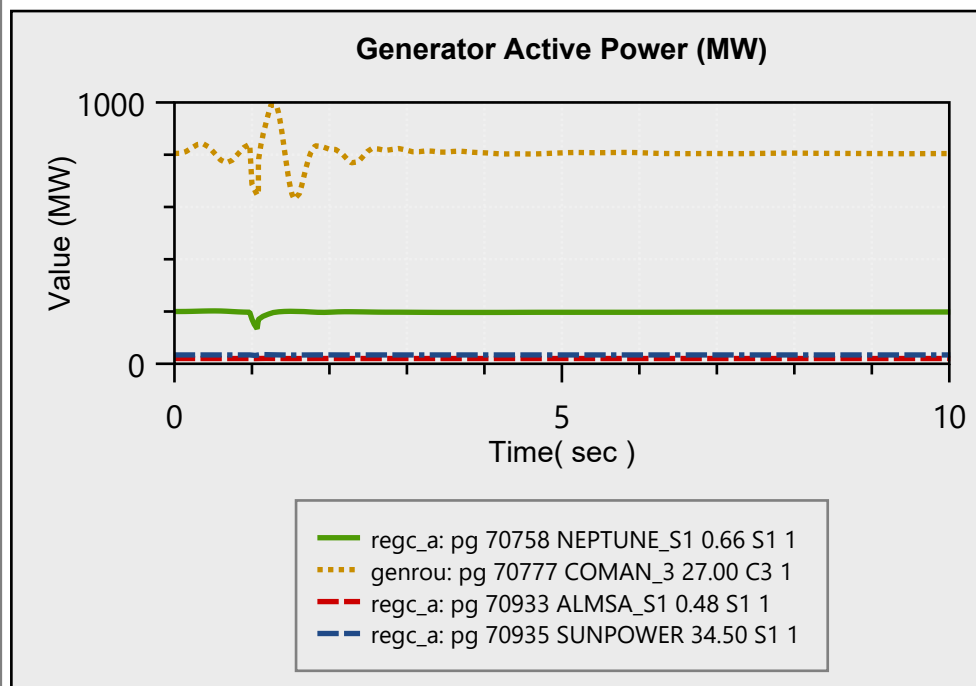
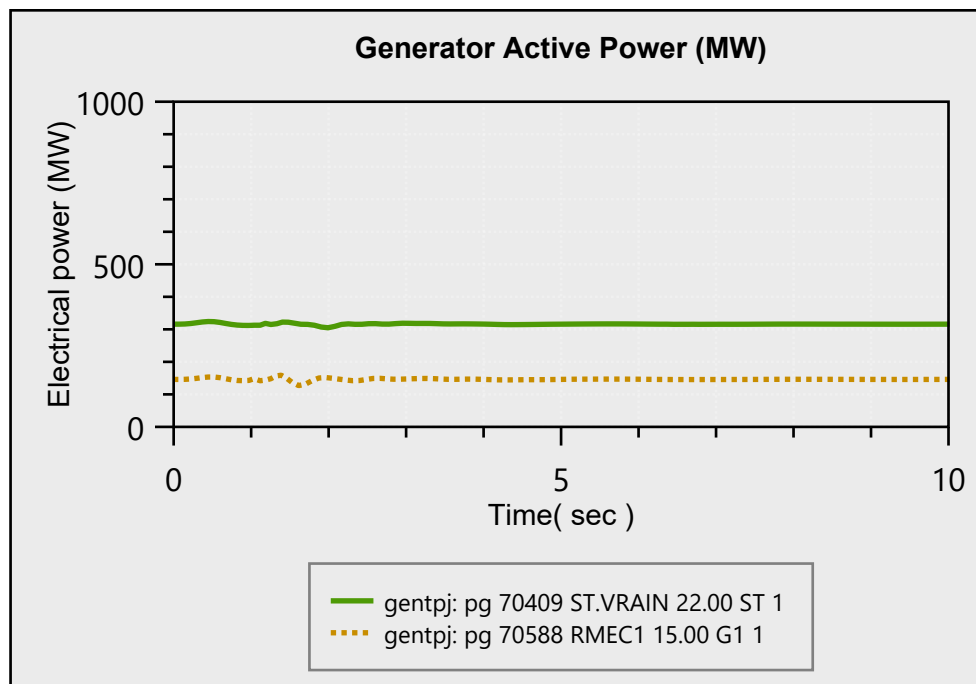
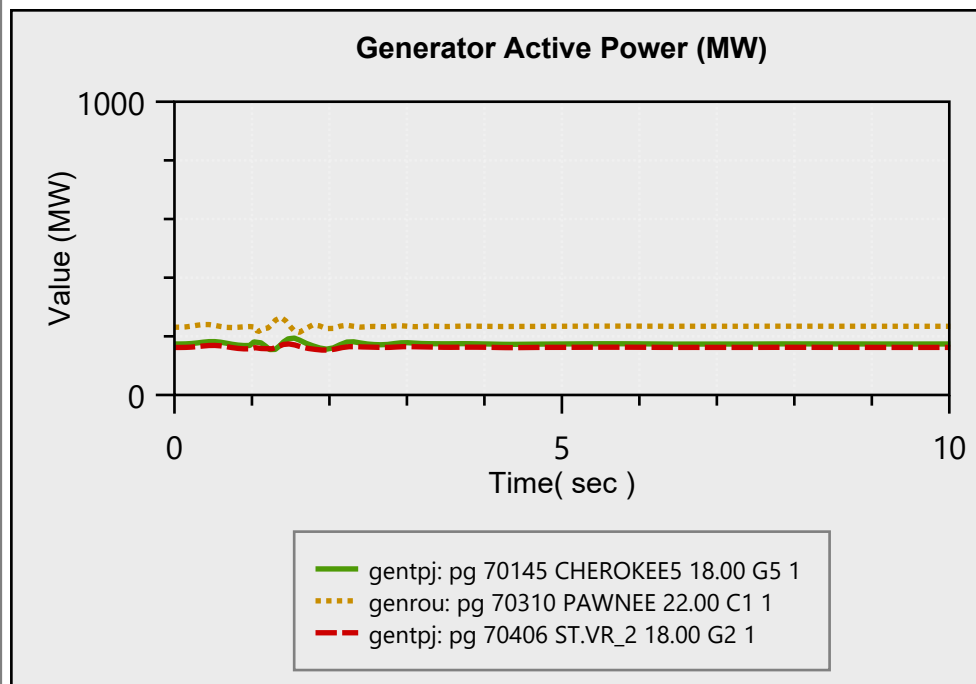
OUTPUTS



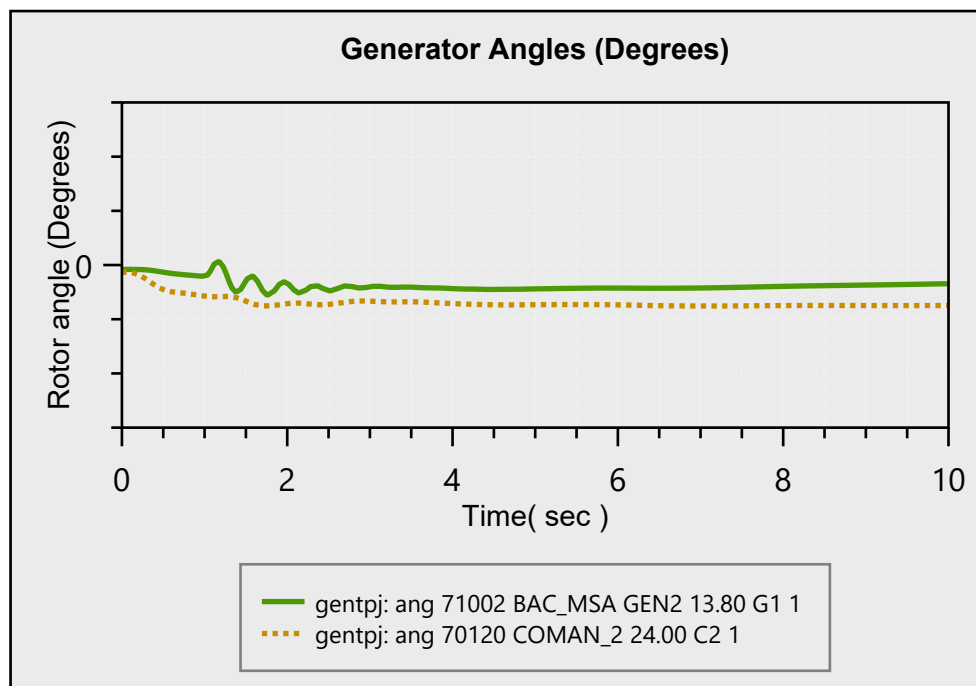
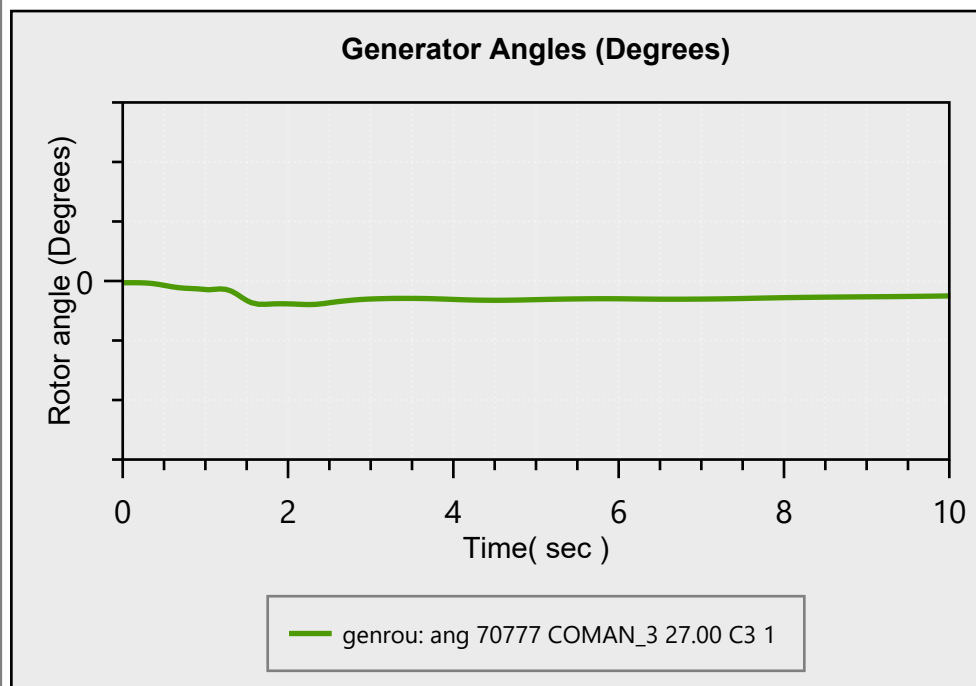
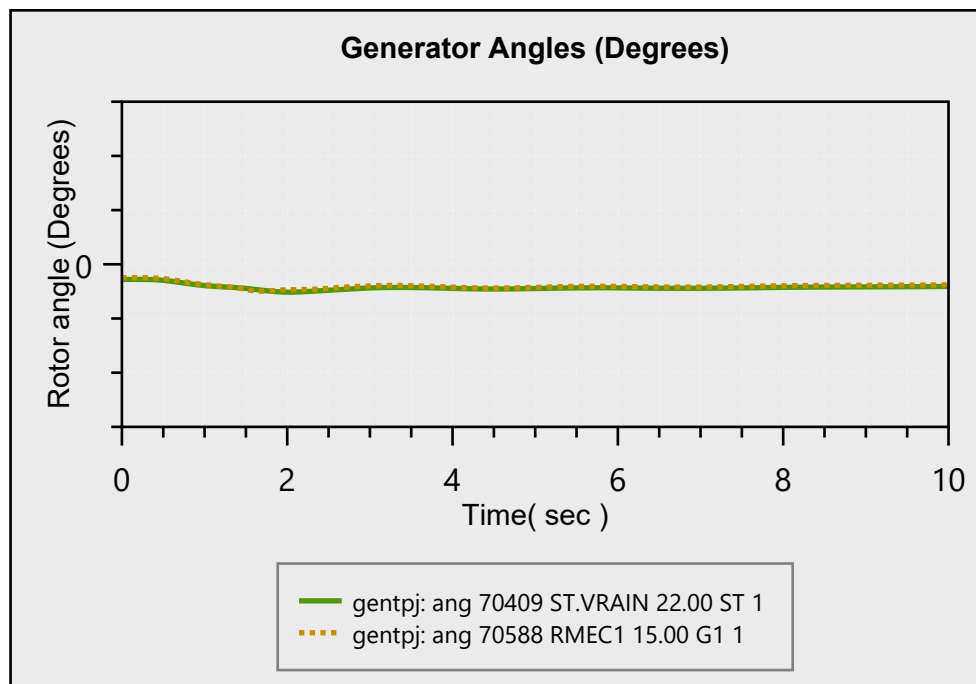
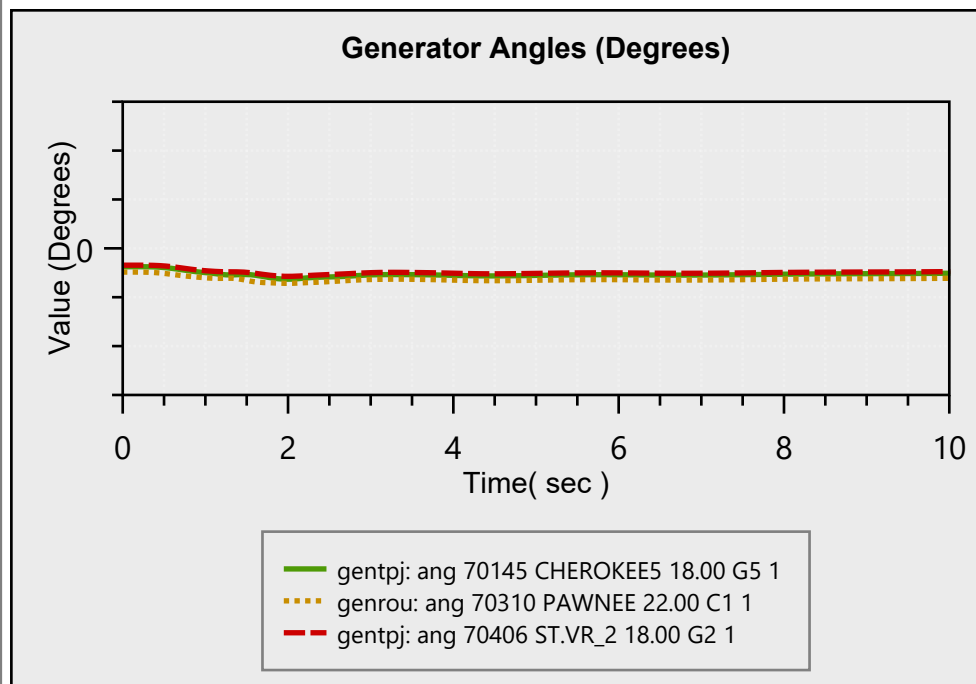
OUTPUTS



OUTPUTS

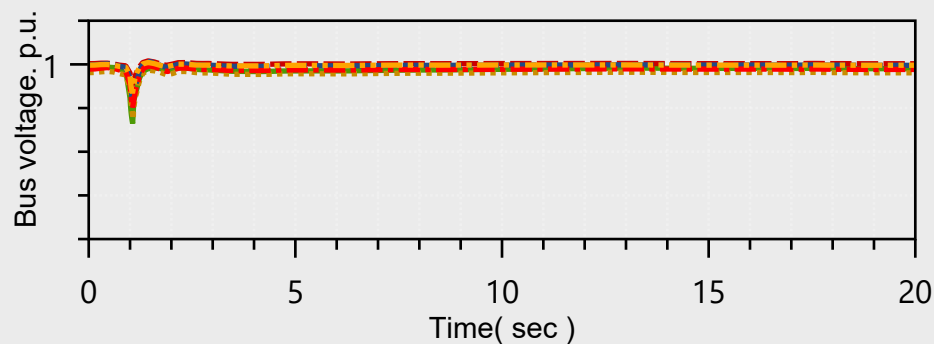


OUTPUTS



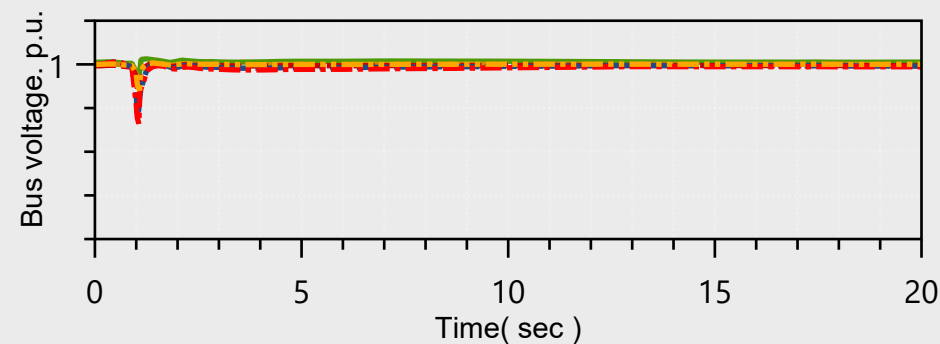
OUTPUTS

Voltage (pu)



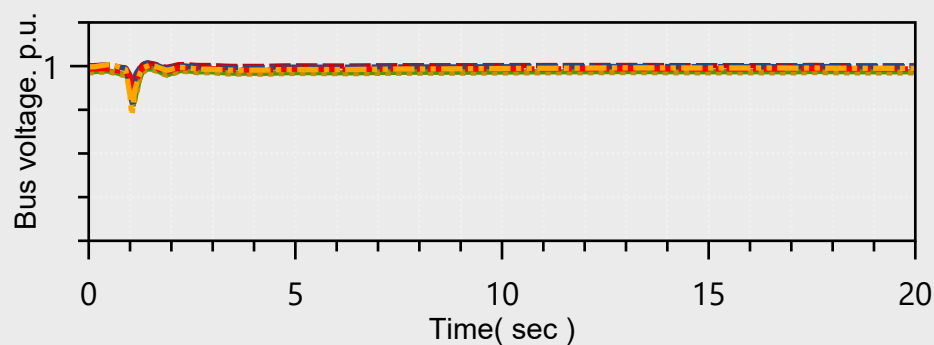
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 vmeta: vbus 70466 WATERTON 345.00 1 1
 vmeta: vbus 70598 PAWNEE 345.00 1 1
 vmeta: vbus 70599 SMOKY_HL 345.00 1 1
 vmeta: vbus 70601 DANIEL_PK 345.00 1 1
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Voltage (pu)



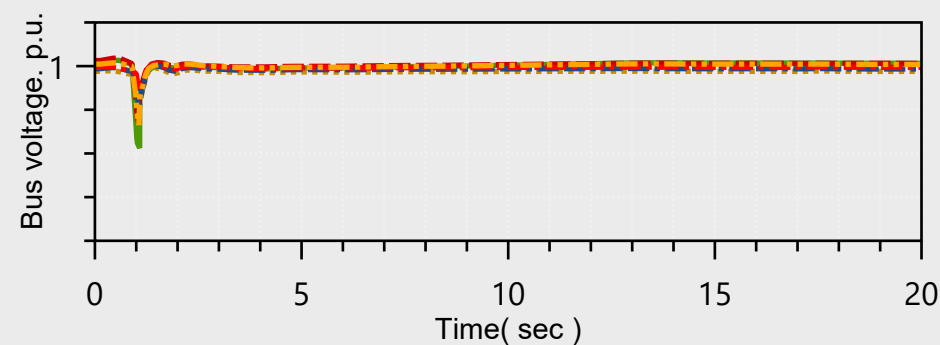
vmeta: vbus 70627 LIMON3 345.00 1 1
 vmeta: vbus 70628 PRONGHORN 345.00 1 1
 vmeta: vbus 70630 SHORTGRASS 345.00 1 1
 vmeta: vbus 70653 TUNDRA 345.00 1 1
 vmeta: vbus 70654 COMANCHE 345.00 1 1
 vmeta: vbus 70764 RUSHCK1_W1W2 345.00 1 1

Voltage (pu)



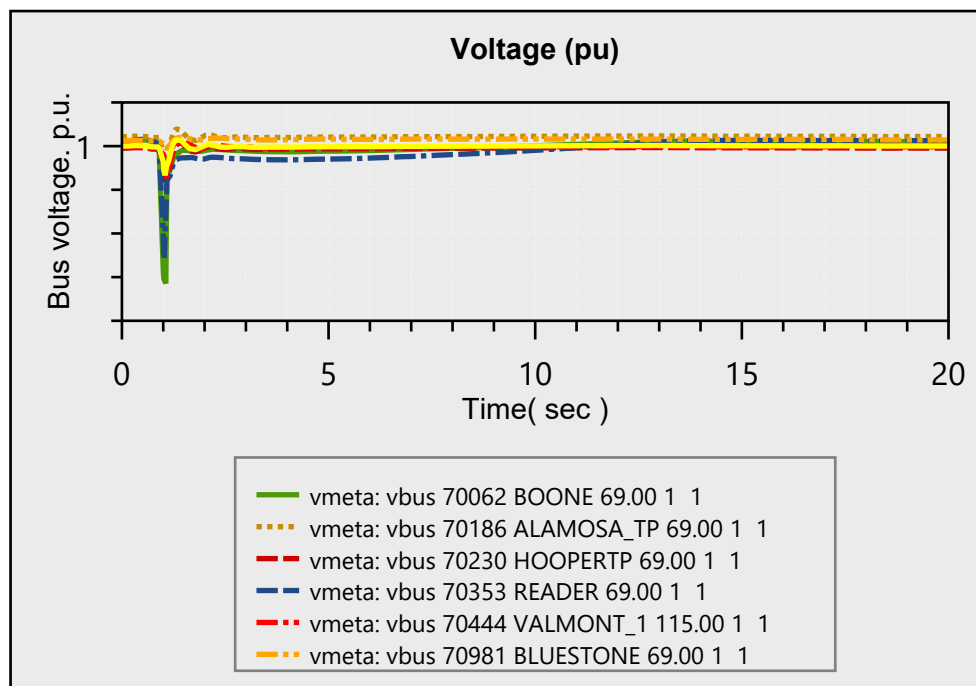
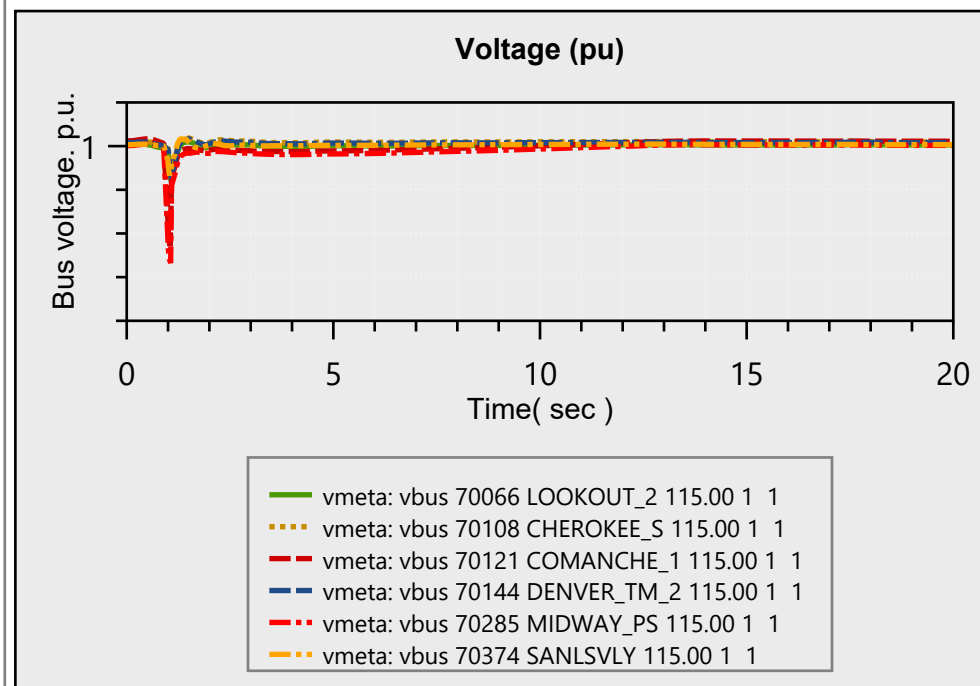
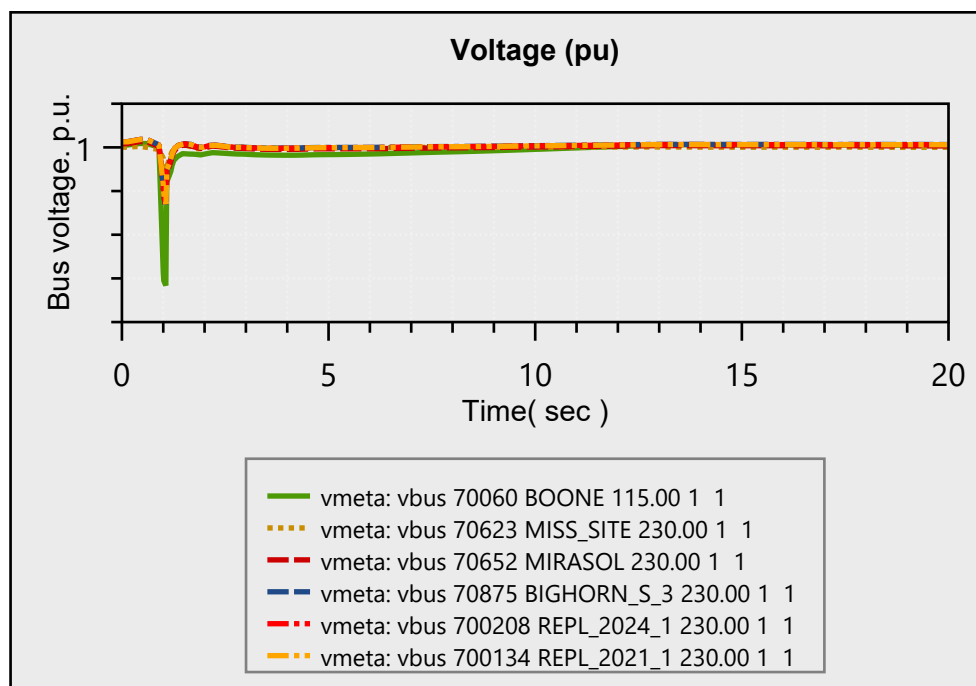
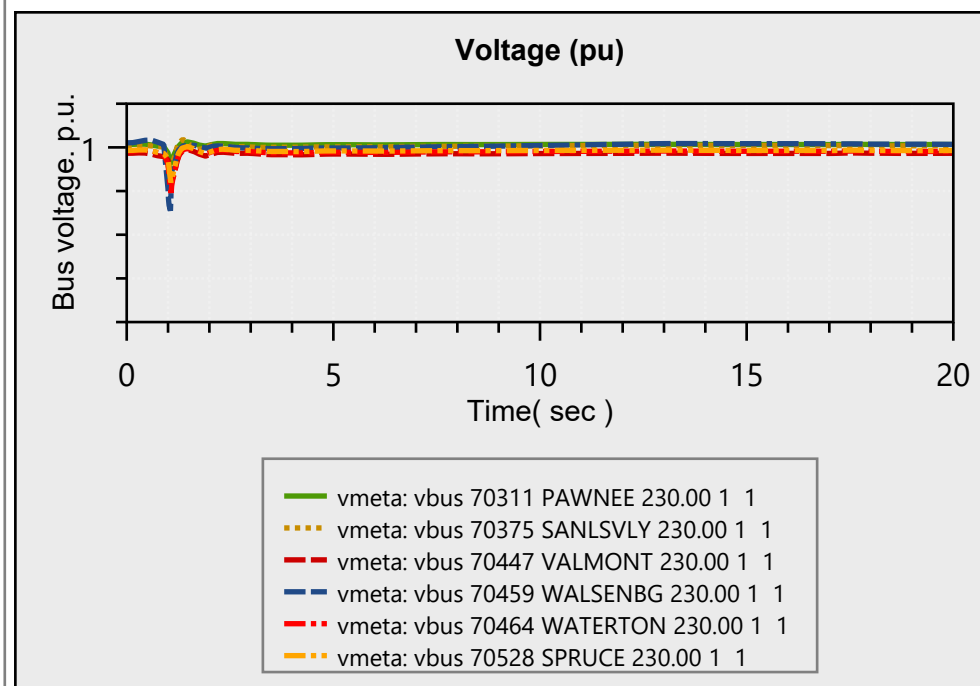
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 vmeta: vbus 70038 ARAPAHOE 230.00 1 1
 vmeta: vbus 70915 CANAL_XING 345.00 1 1
 vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
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Voltage (pu)

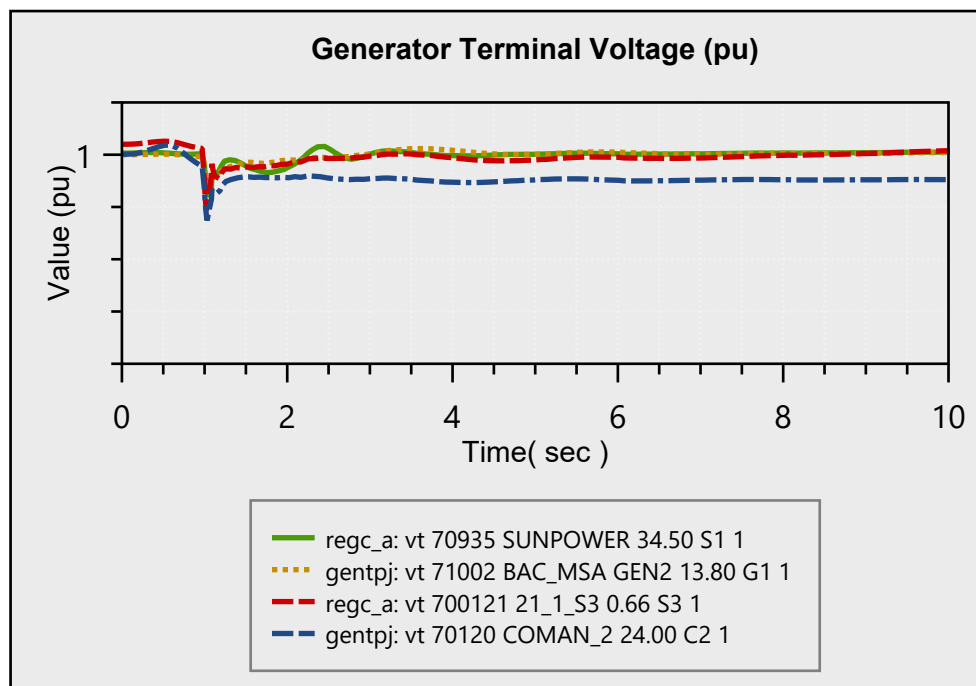
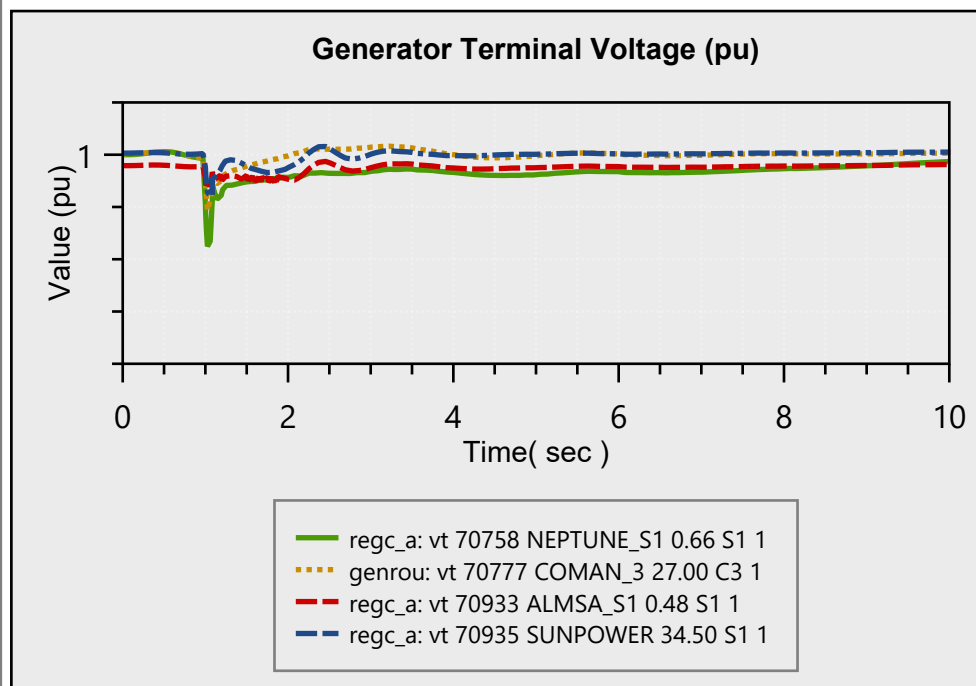
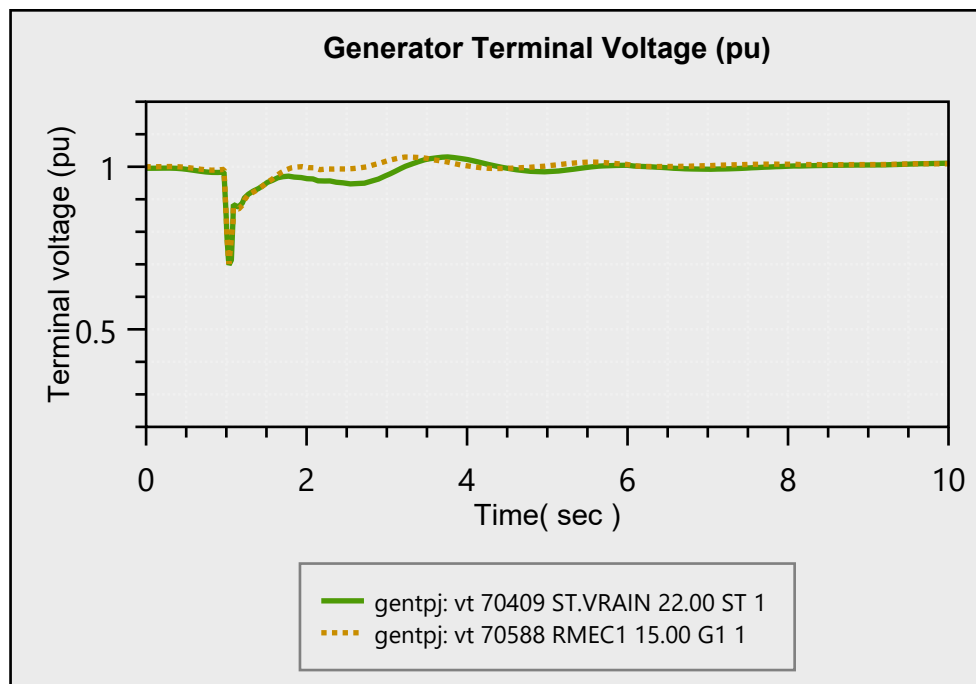
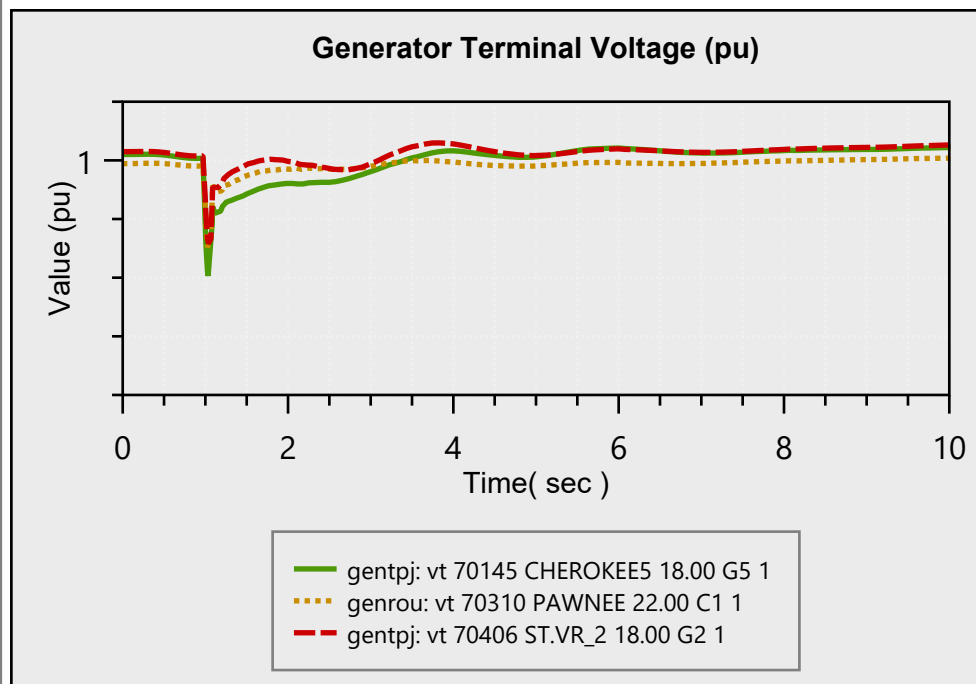


vmeta: vbus 70061 BOONE 230.00 1 1
 vmeta: vbus 70107 CHEROKEE 230.00 1 1
 vmeta: vbus 70122 COMANCHE 230.00 1 1
 vmeta: vbus 70139 DANIEL_PK 230.00 1 1
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 vmeta: vbus 70286 MIDWAY_PS 230.00 1 1

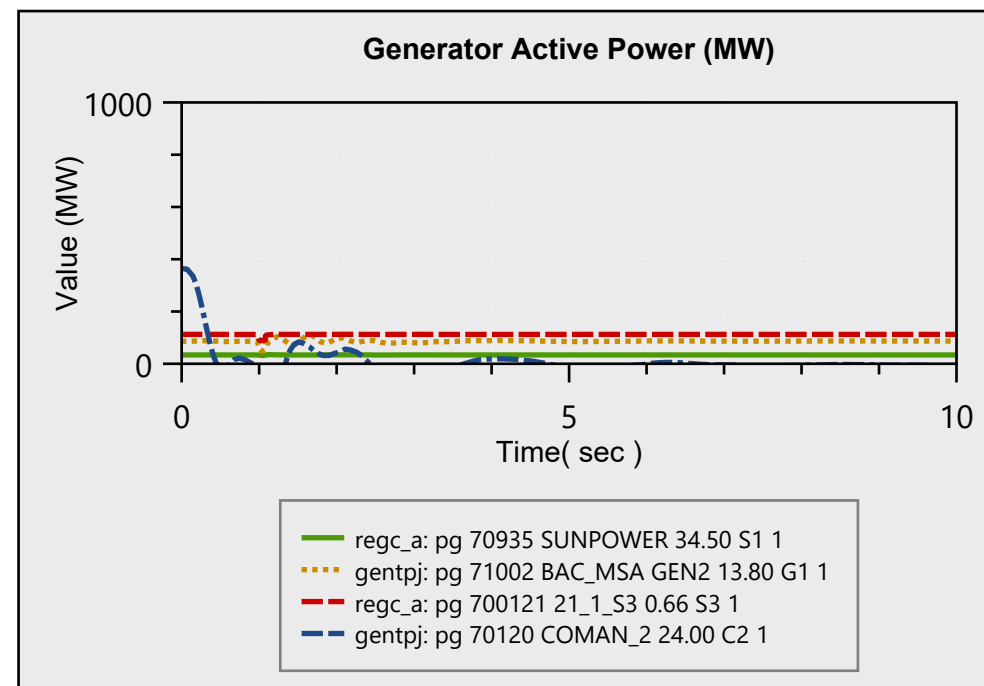
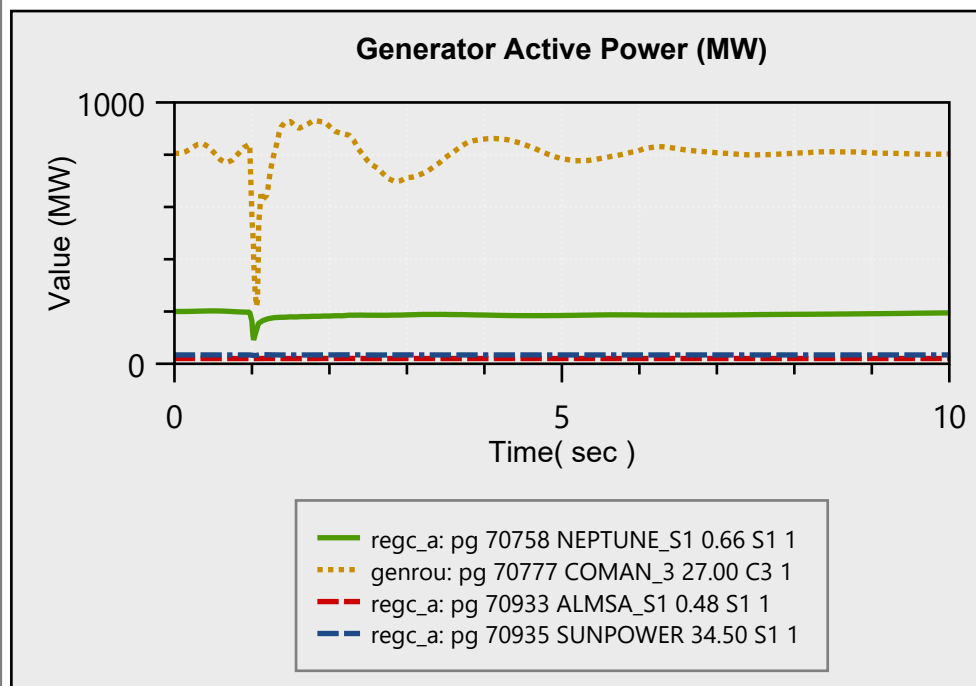
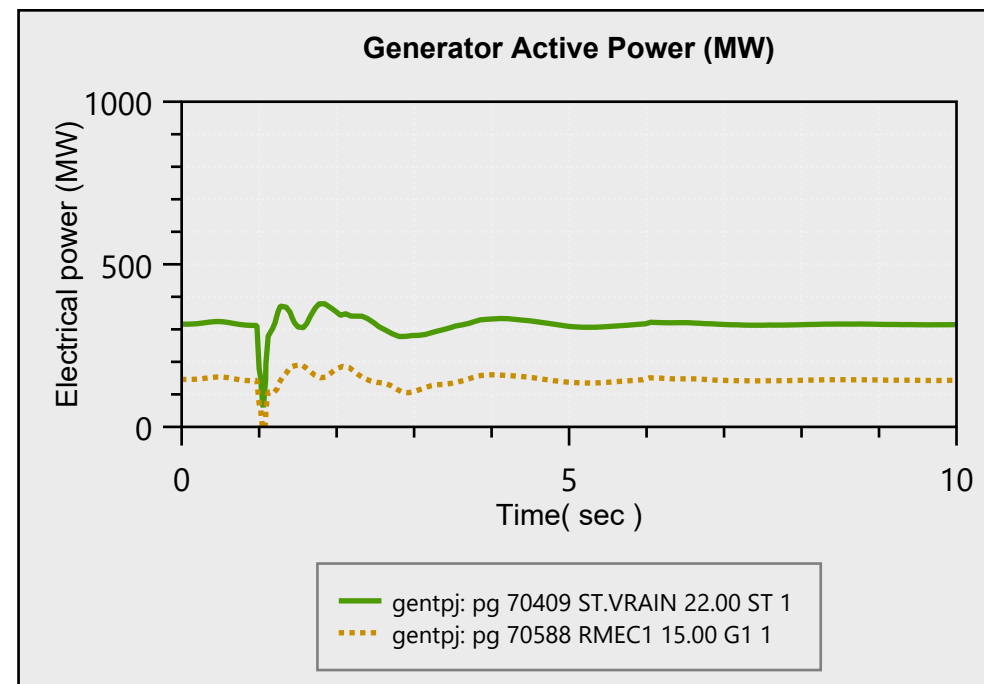
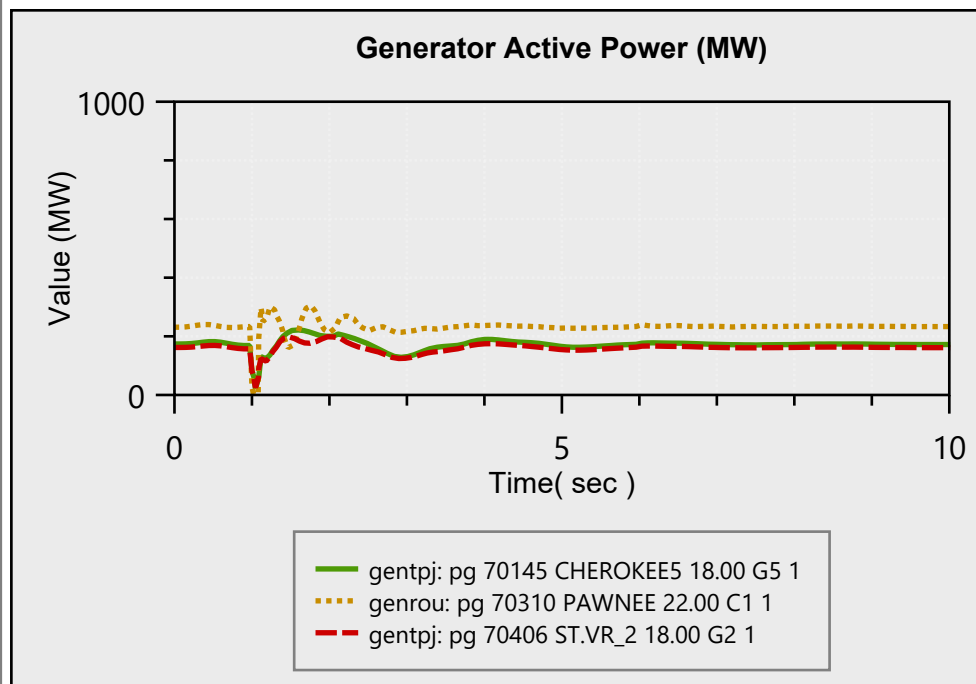
OUTPUTS



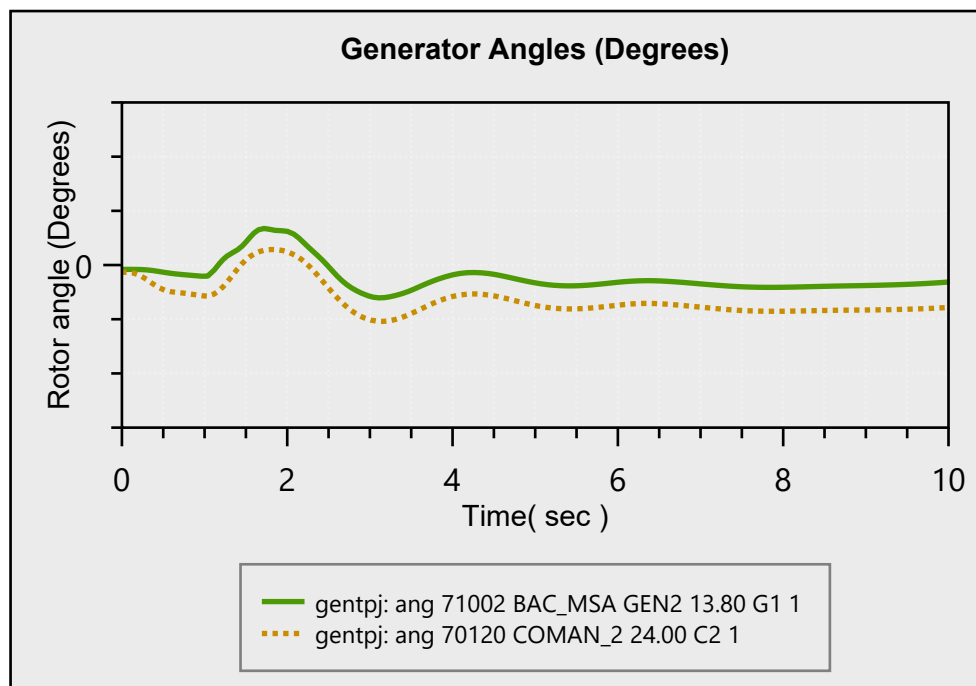
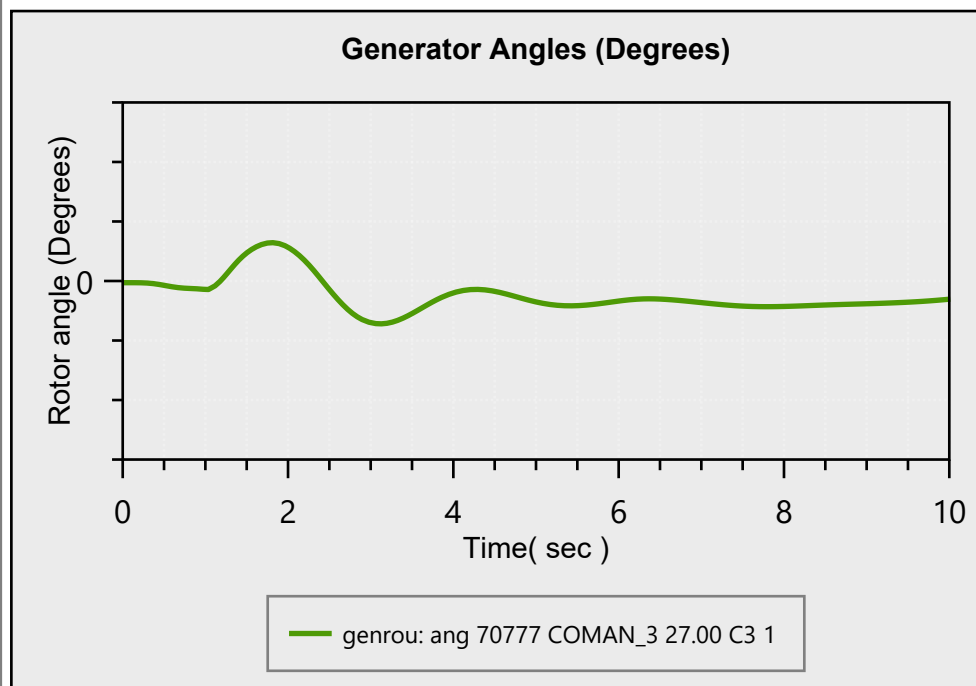
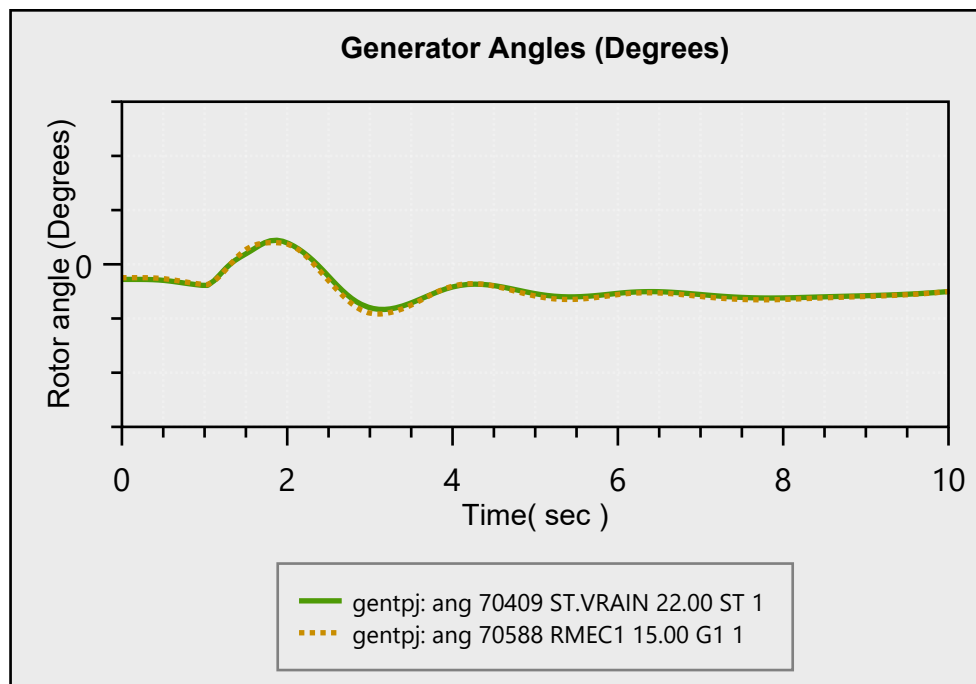
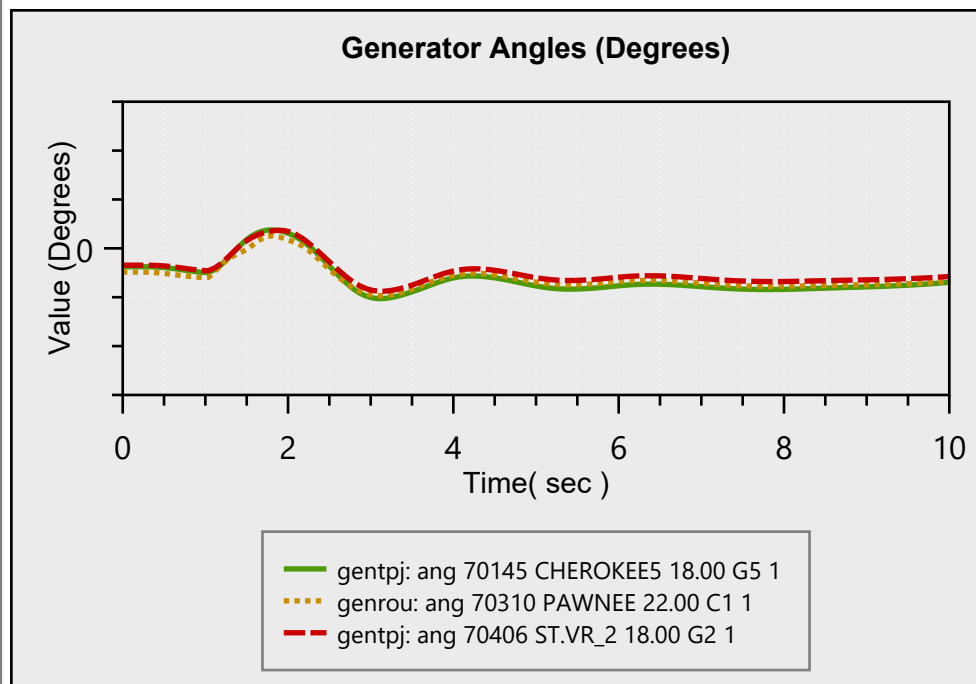
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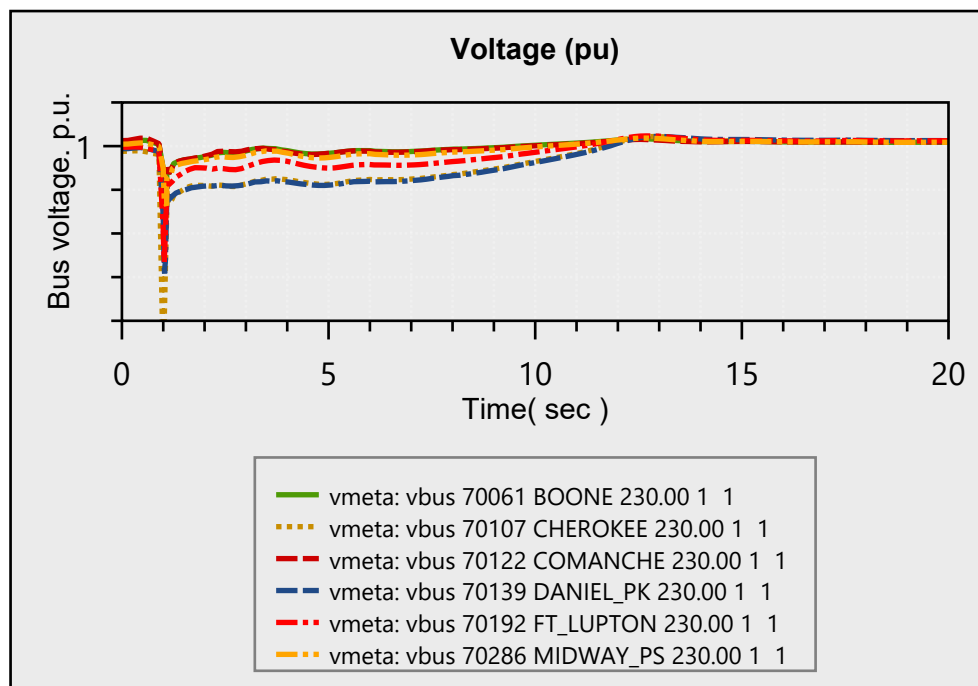
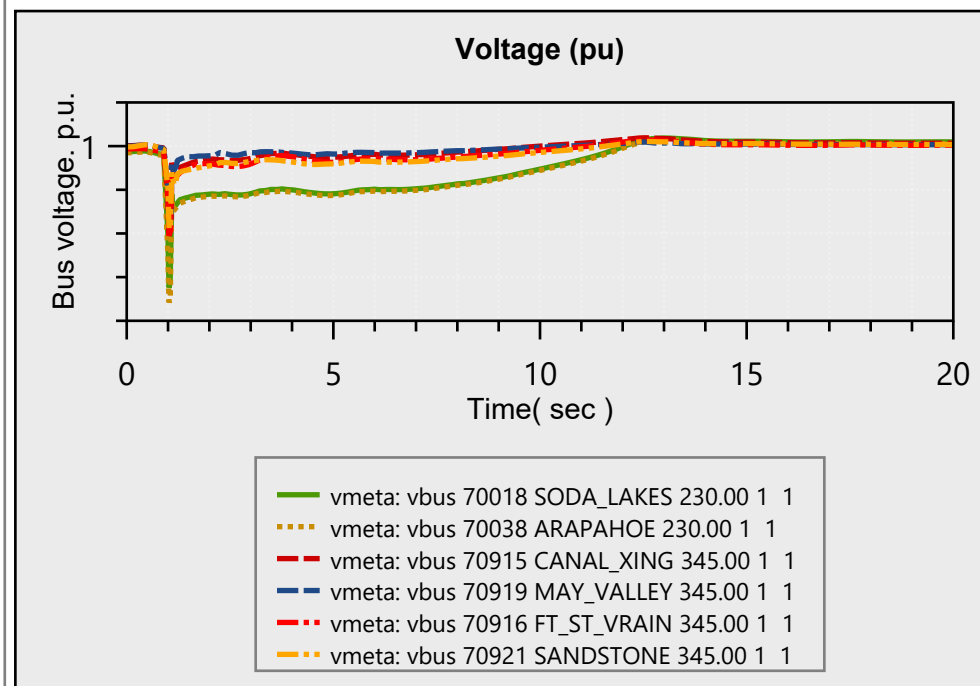
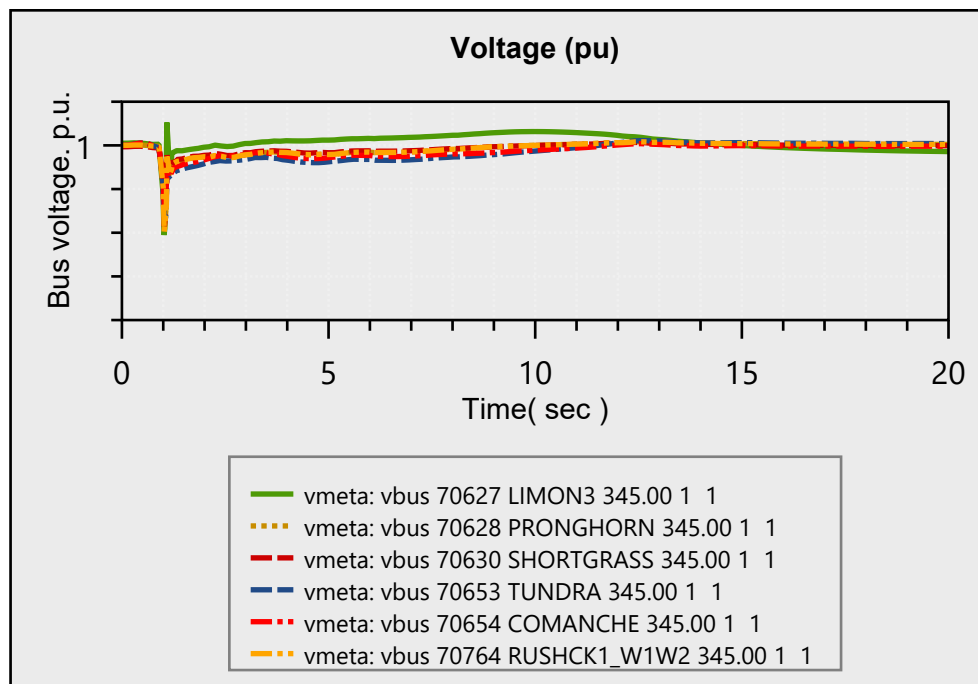
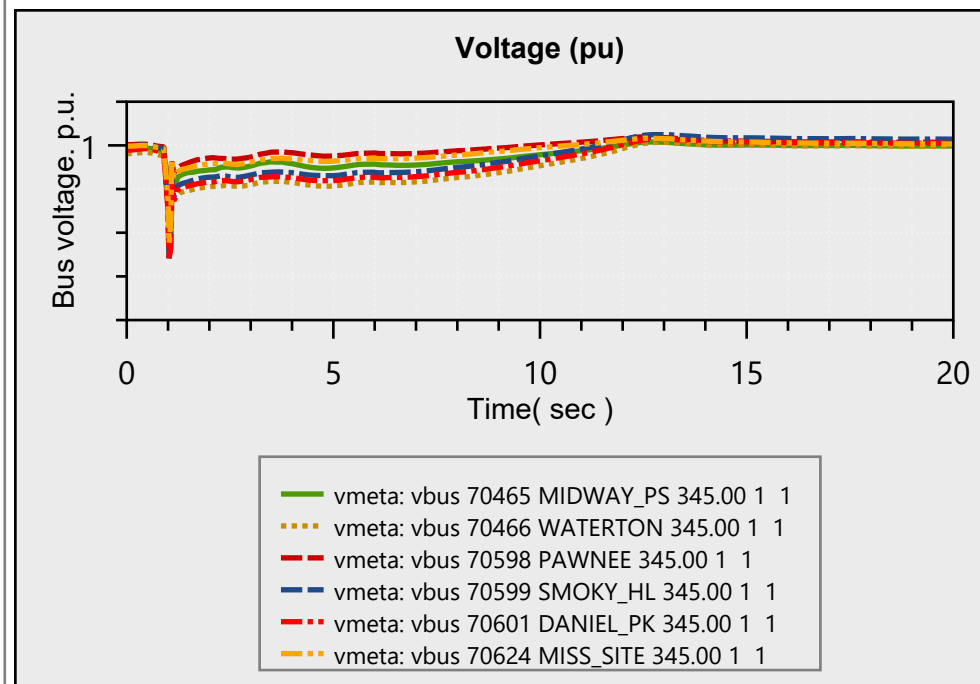
OUTPUTS



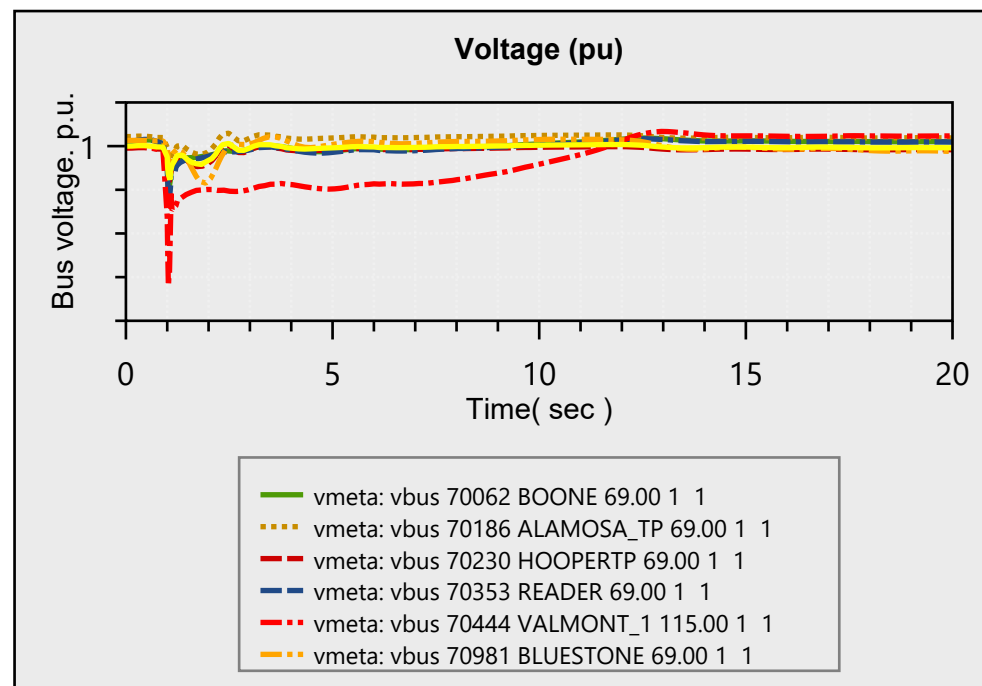
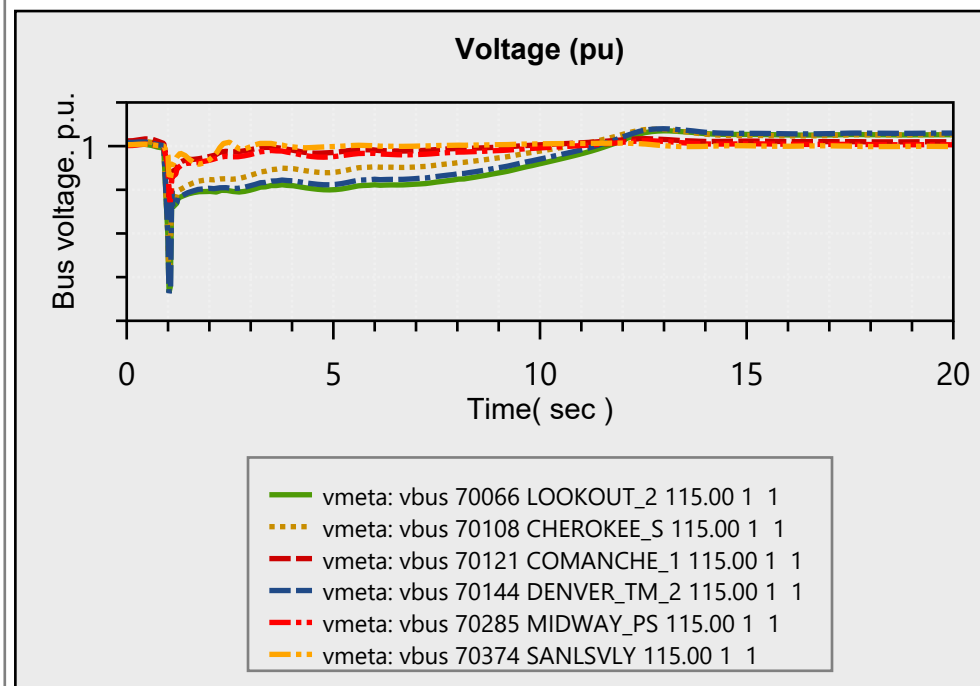
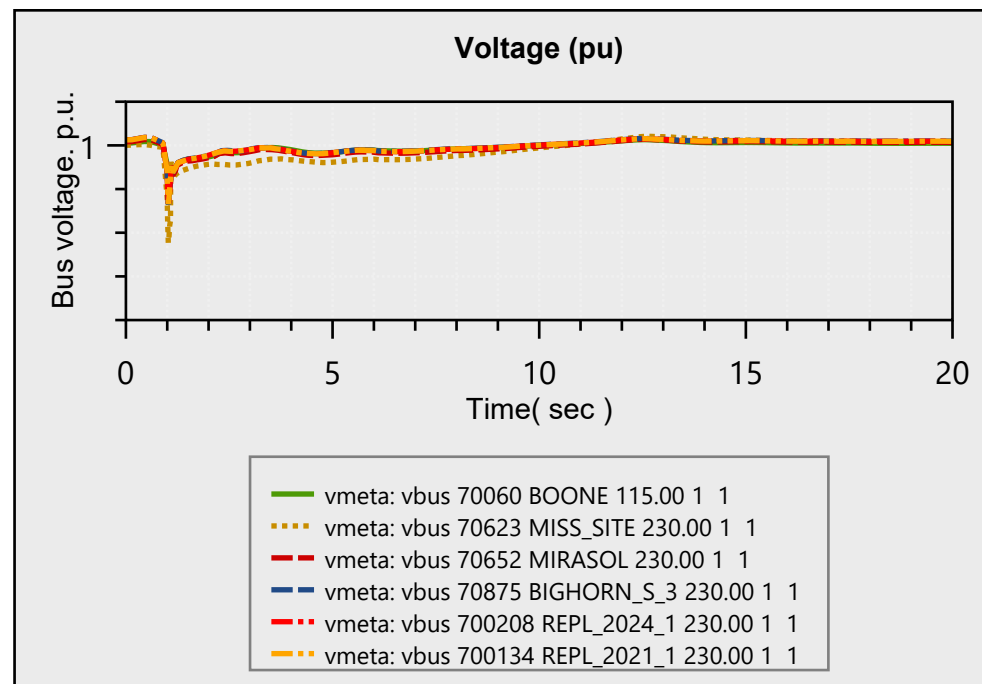
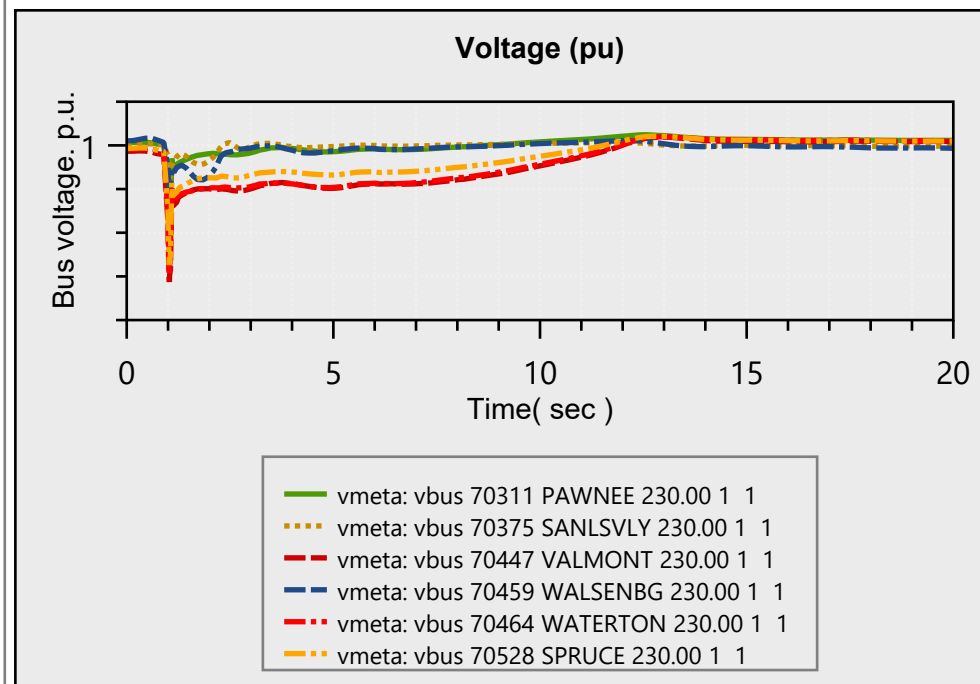
OUTPUTS



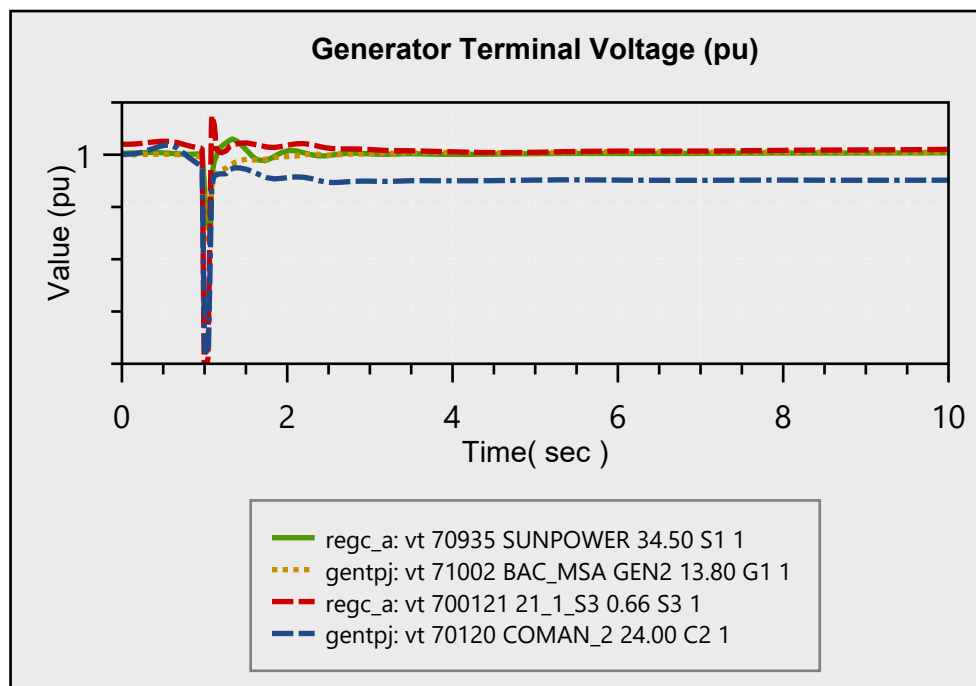
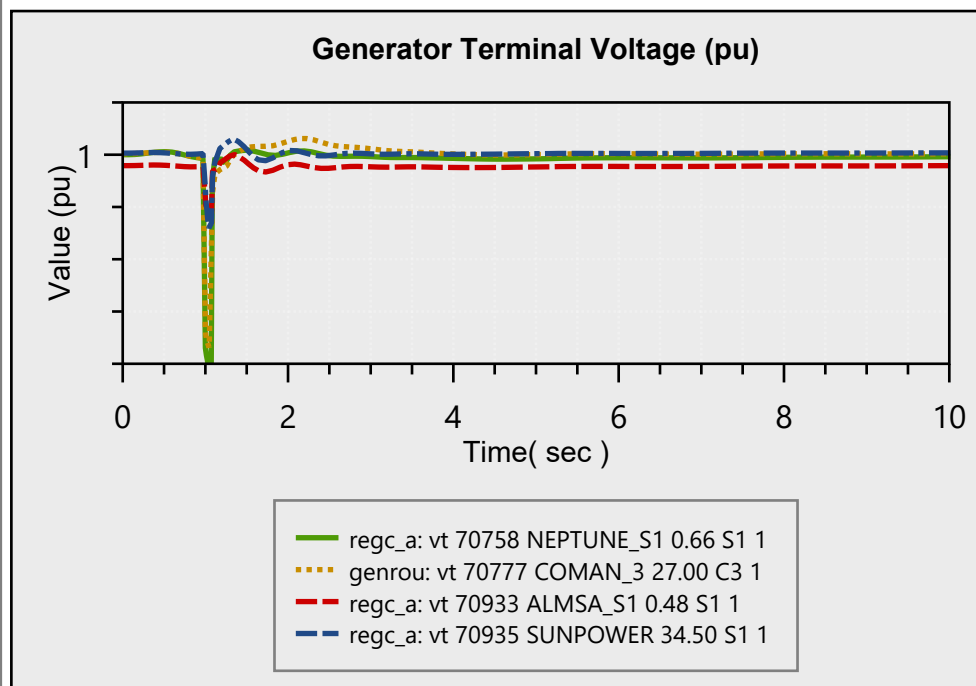
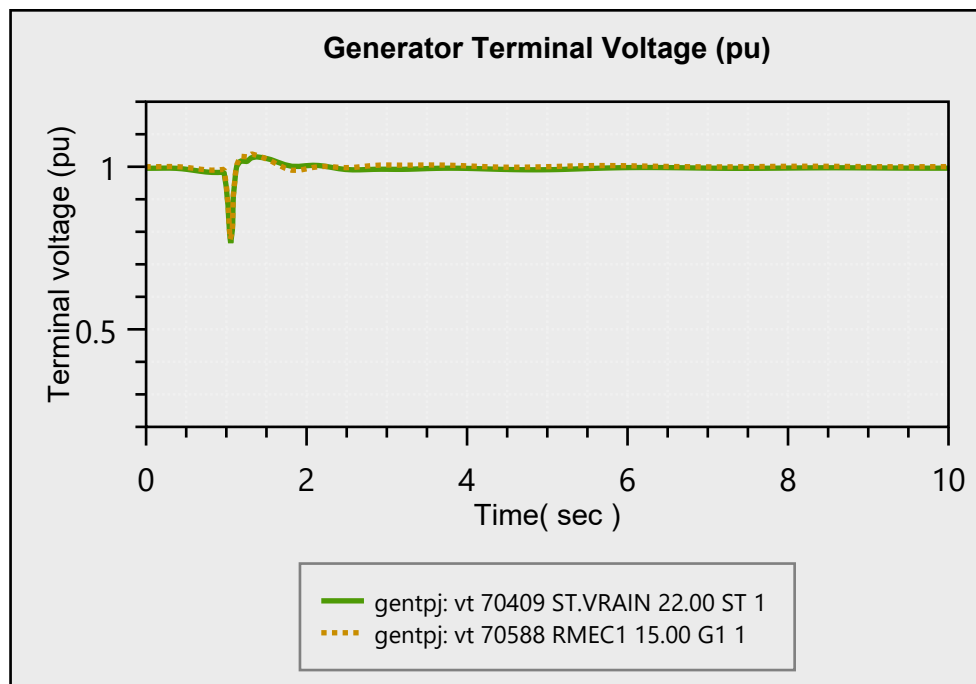
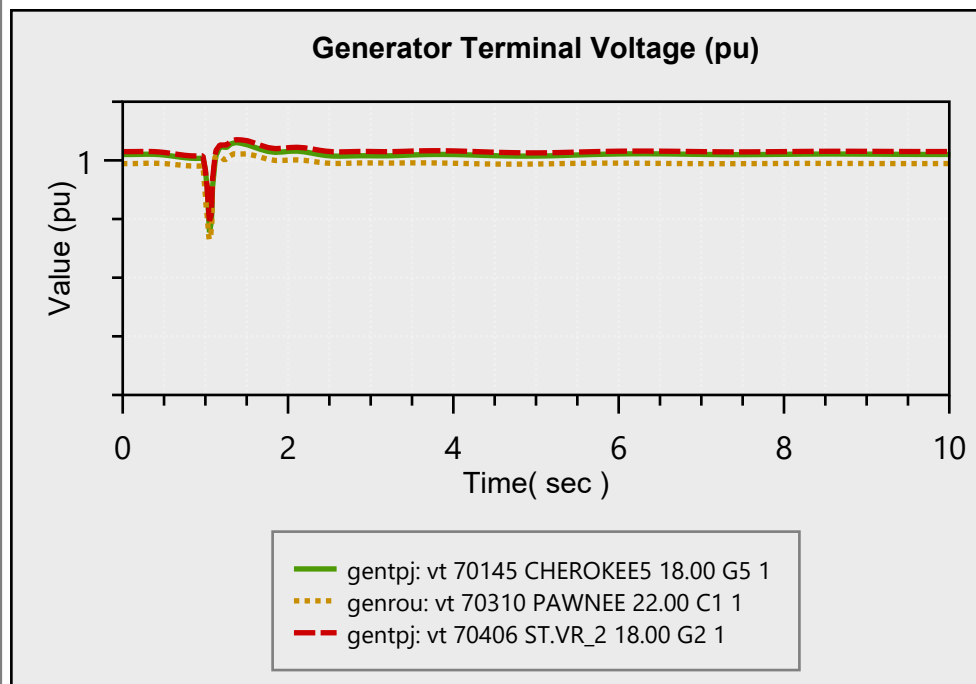
OUTPUTS



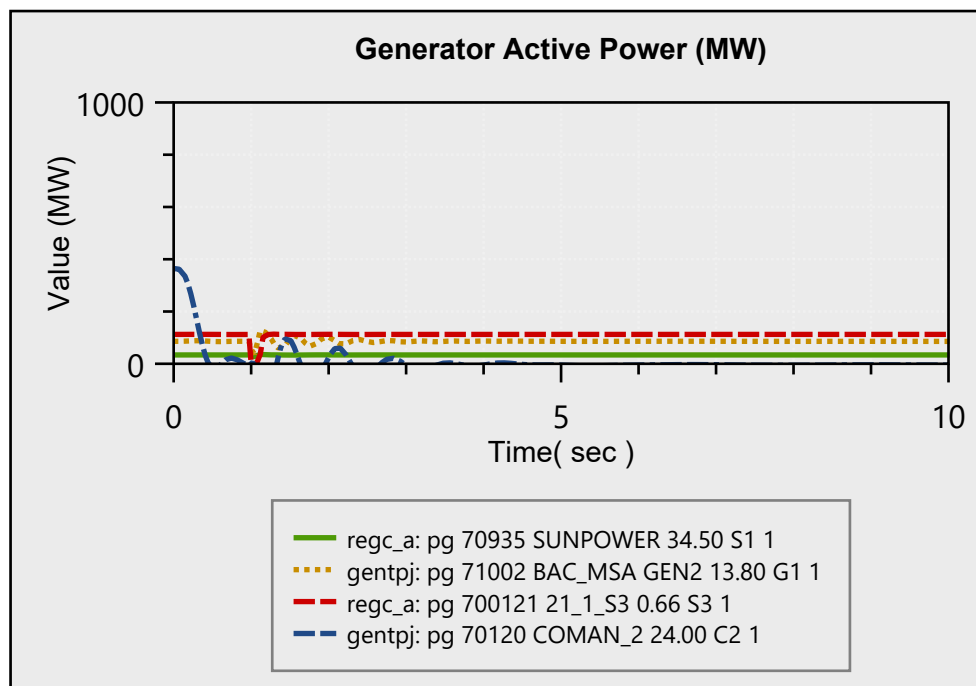
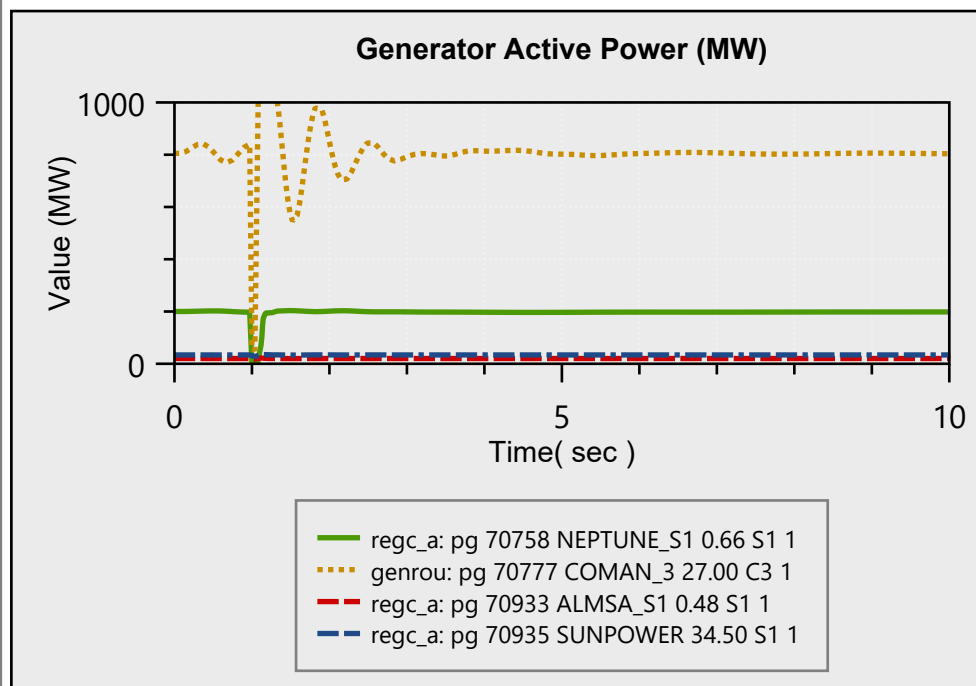
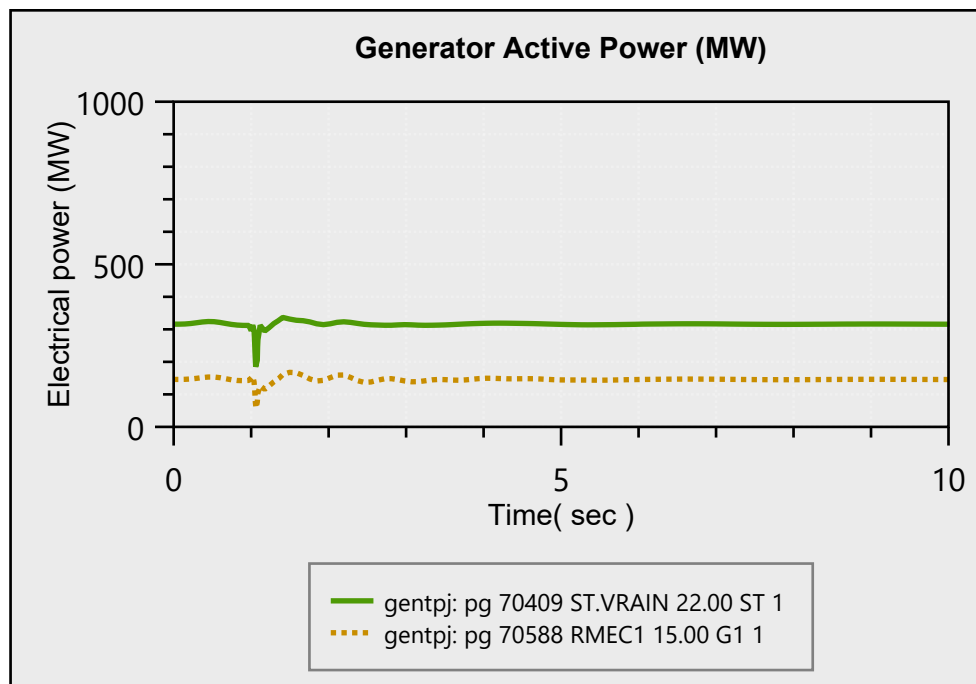
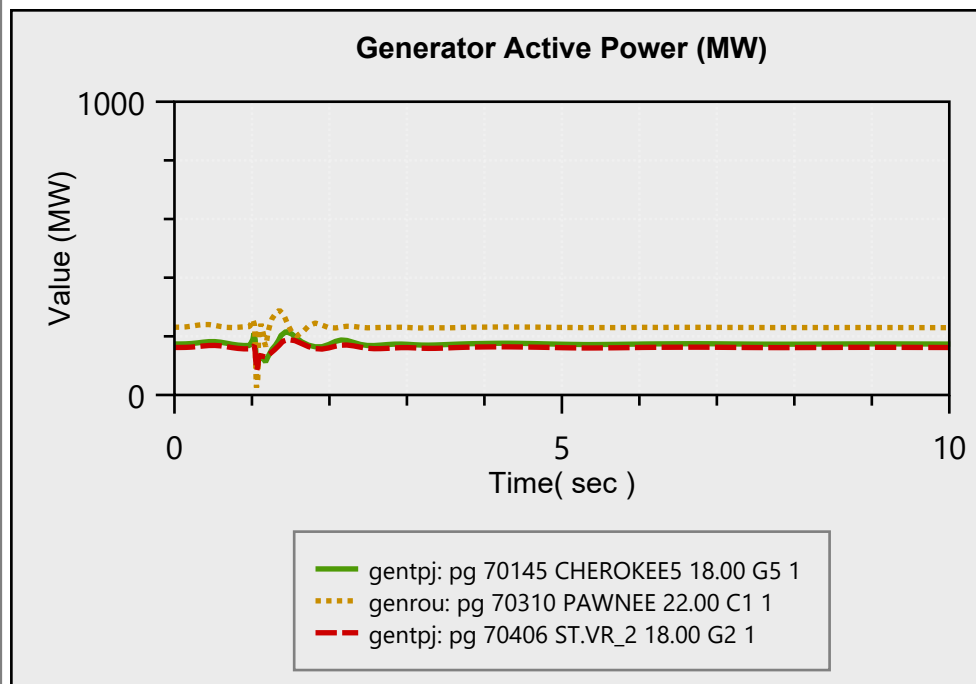
OUTPUTS



OUTPUTS

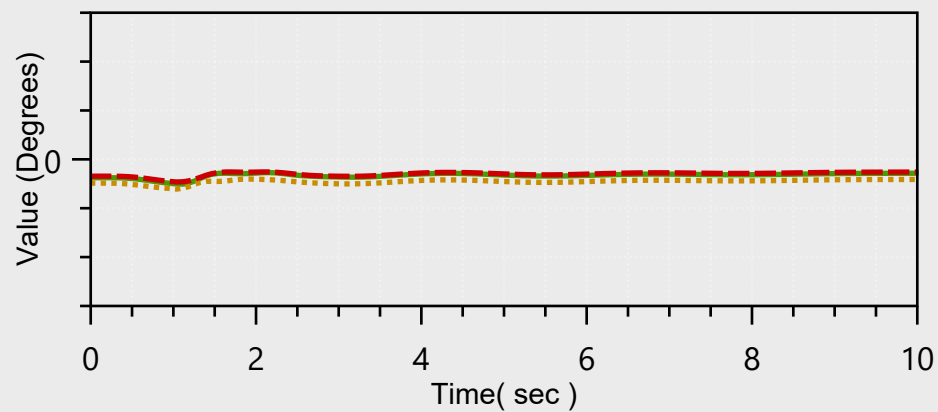


OUTPUTS

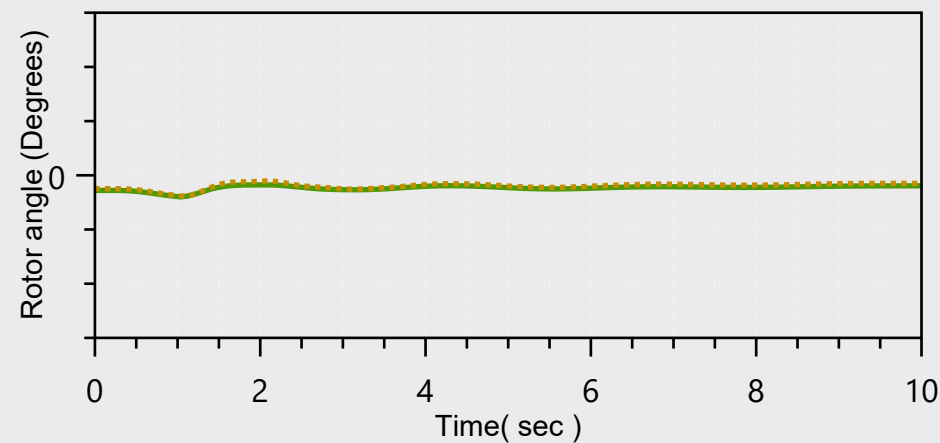


OUTPUTS

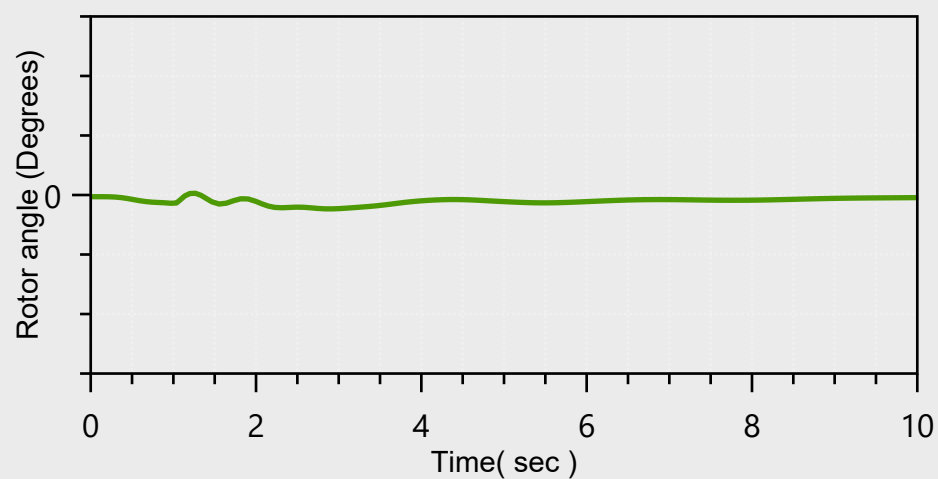
Generator Angles (Degrees)



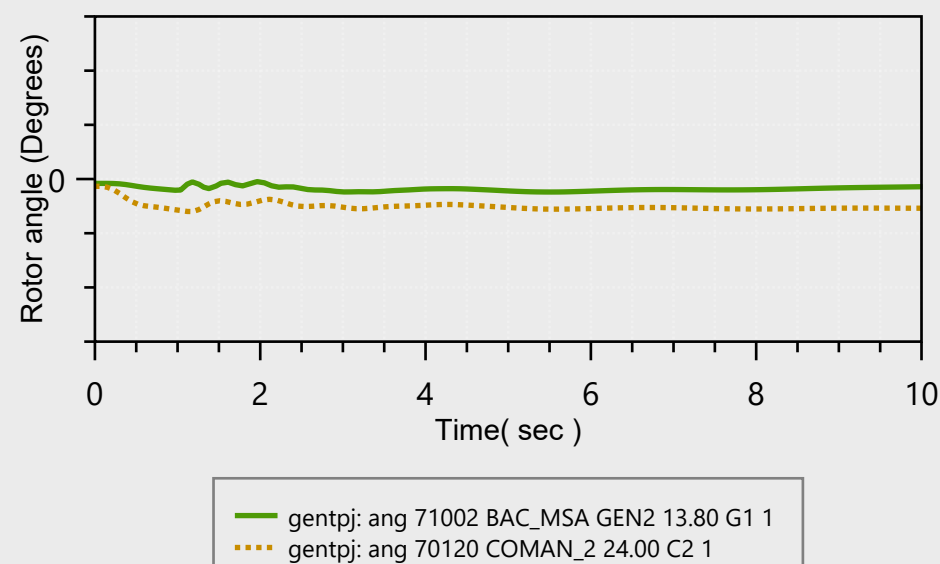
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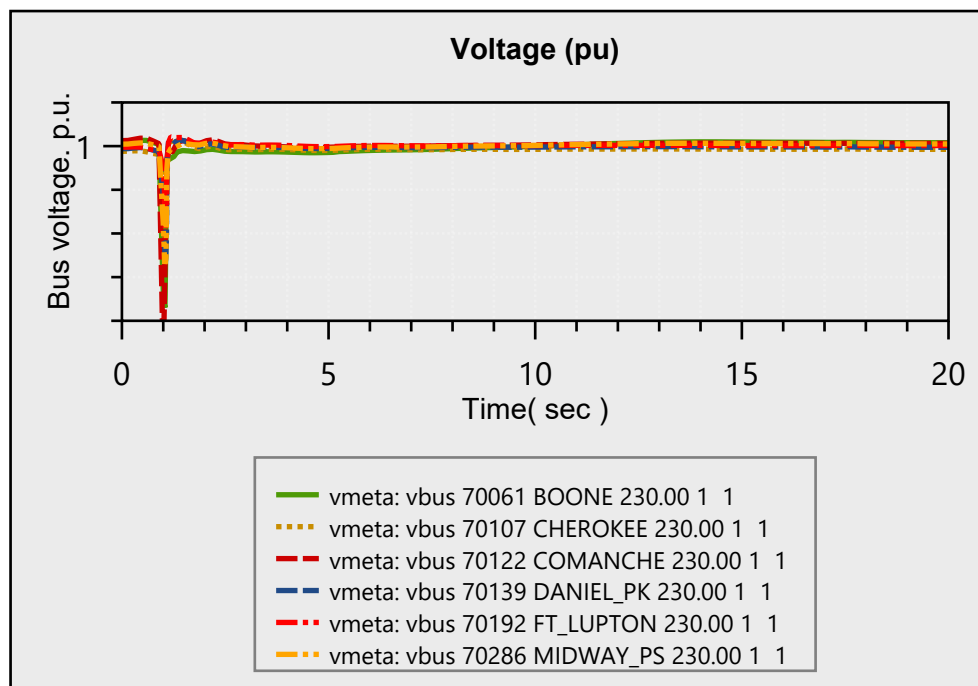
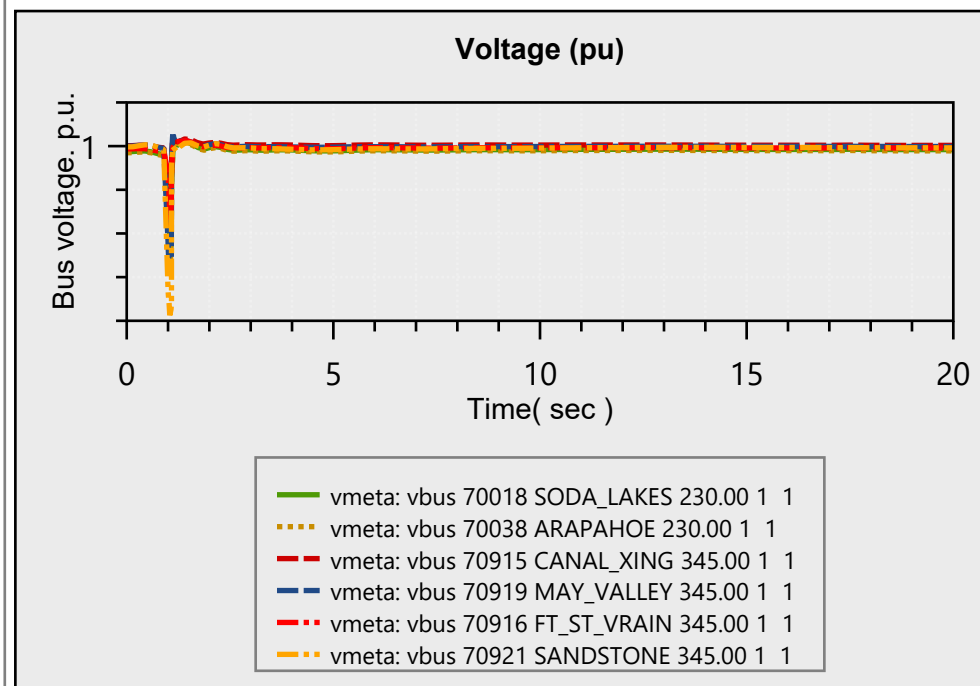
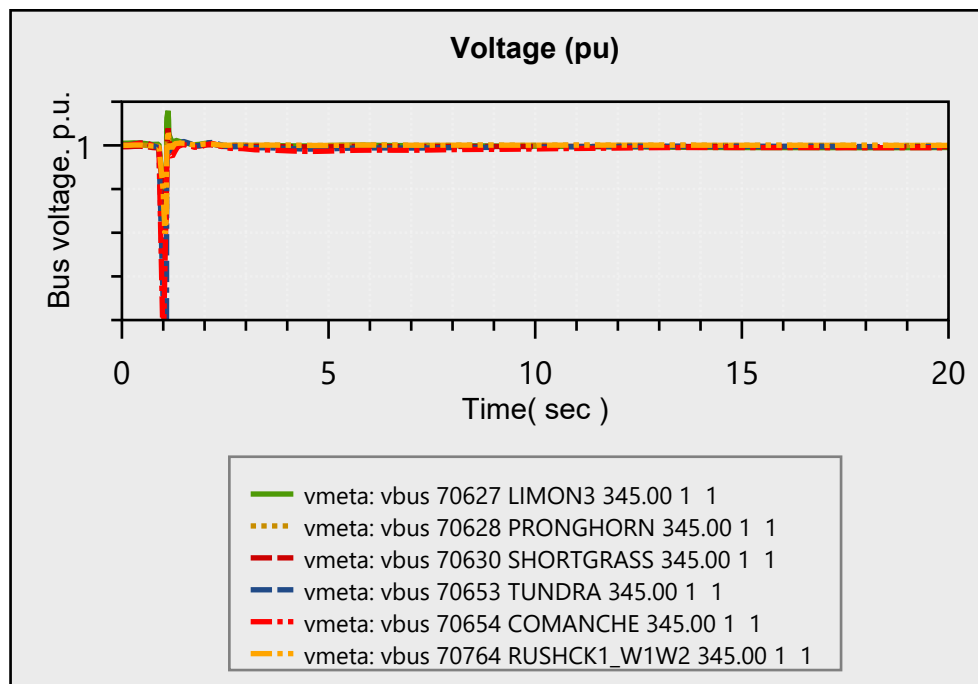
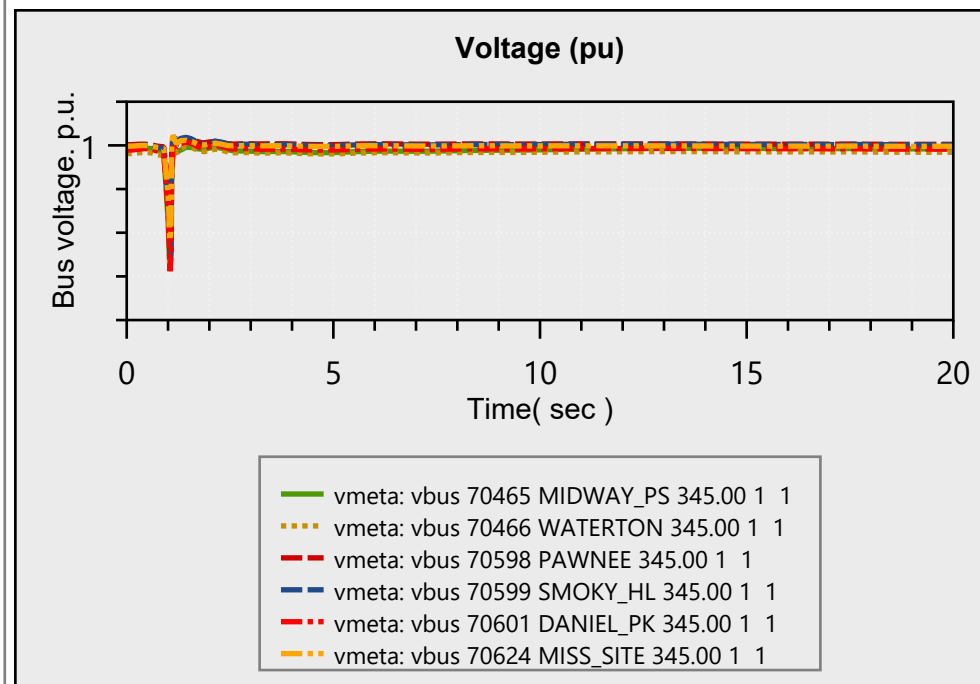
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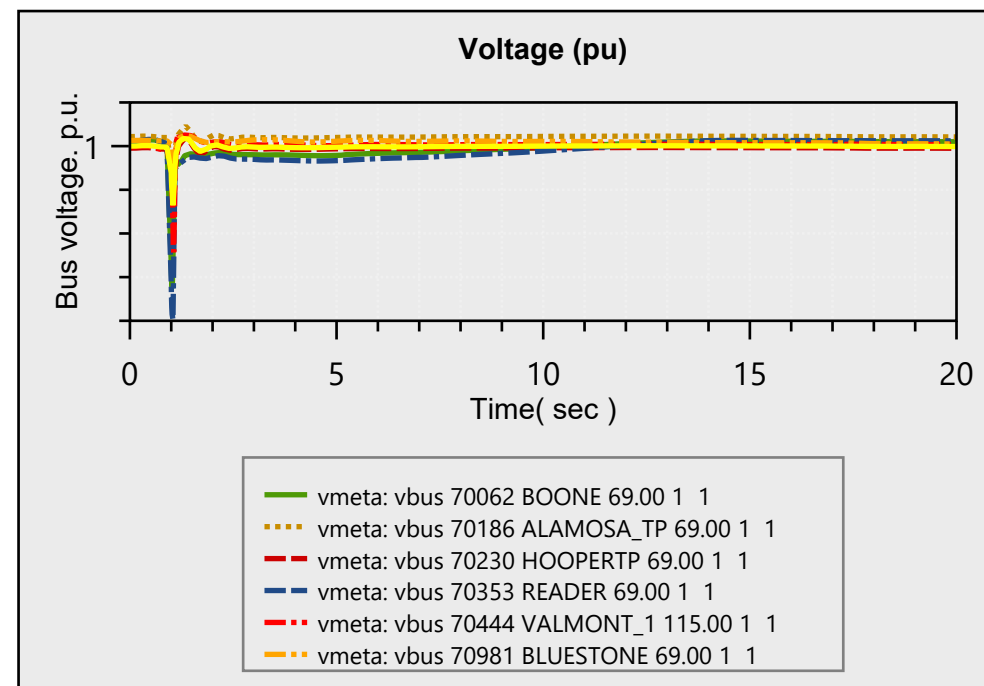
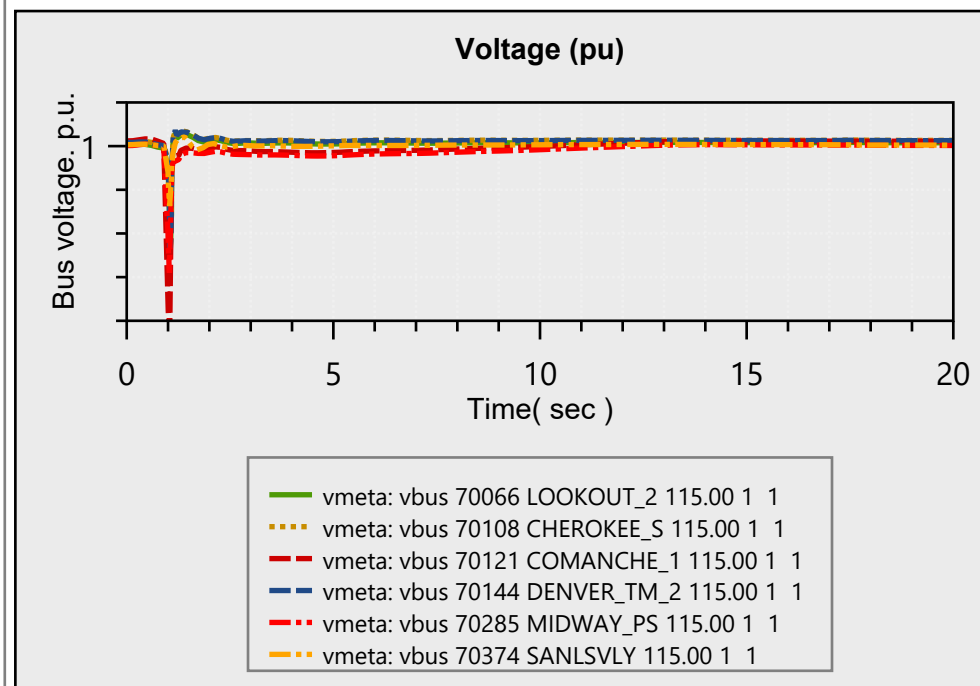
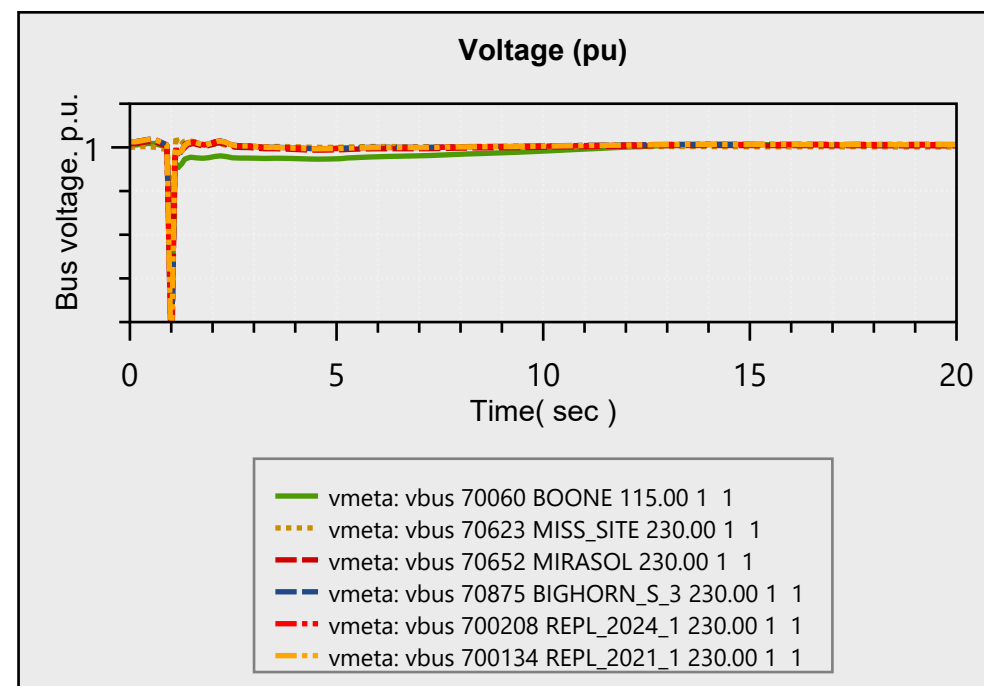
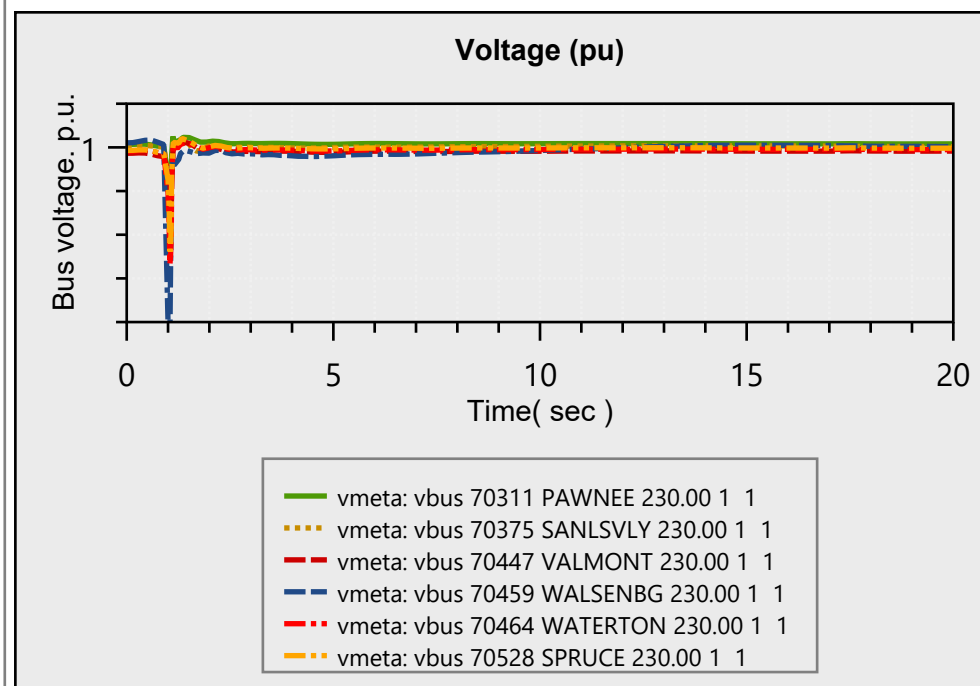
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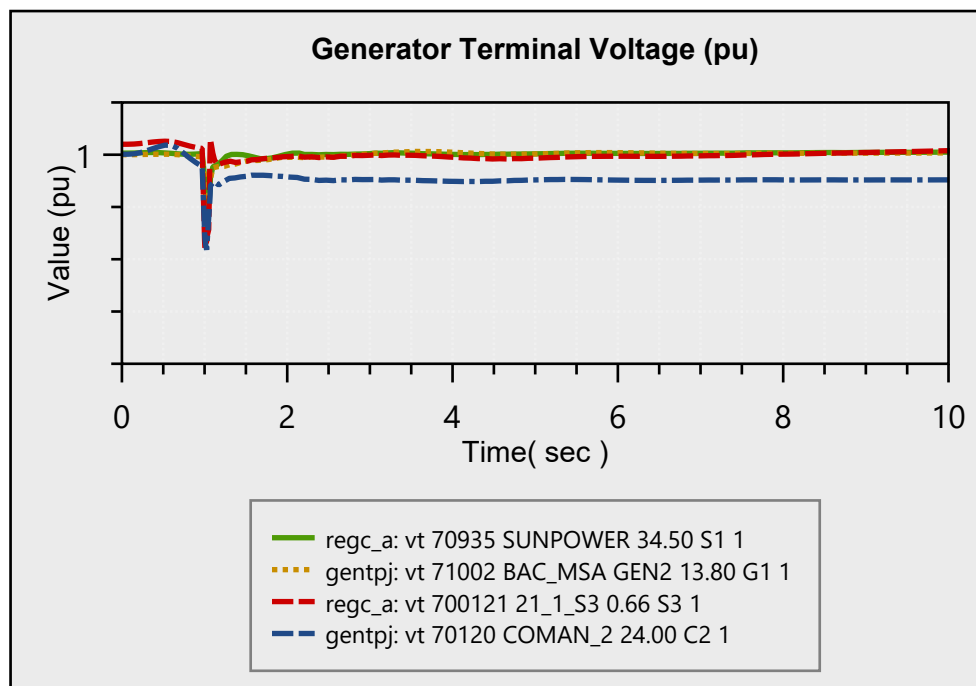
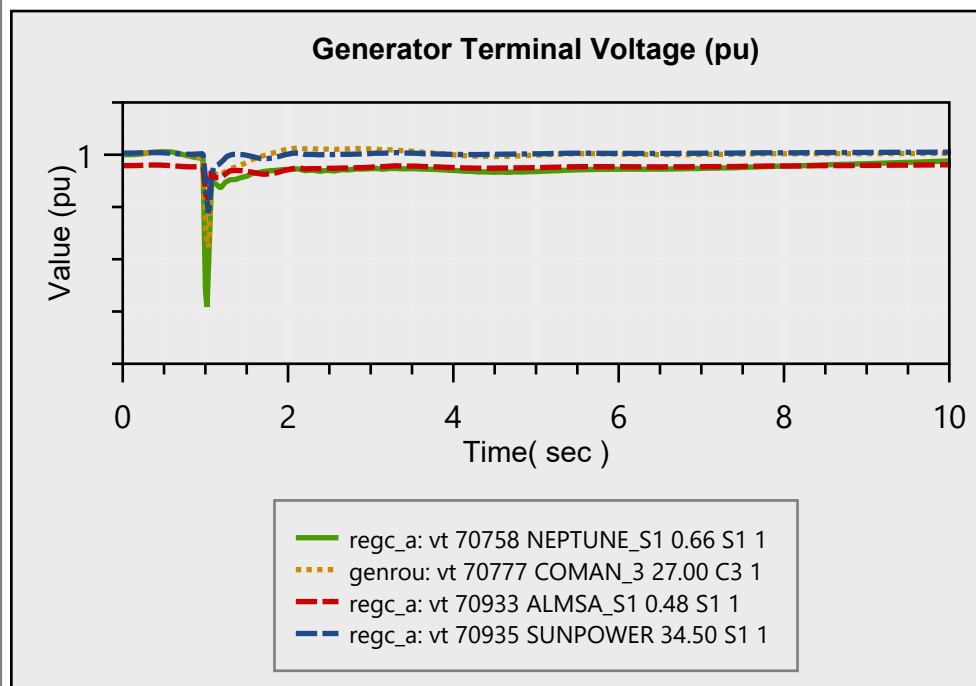
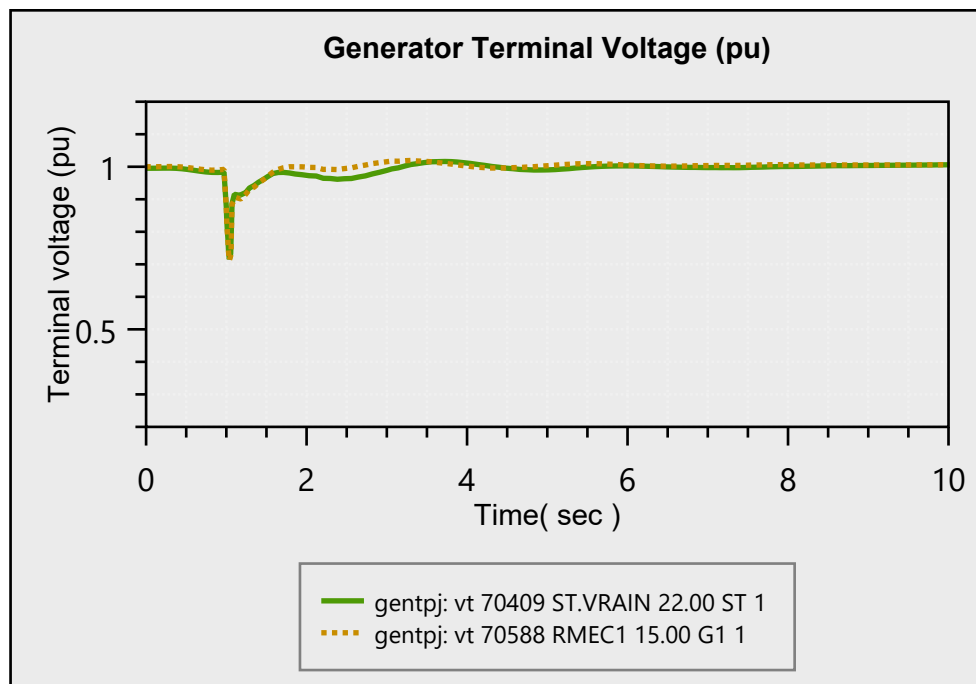
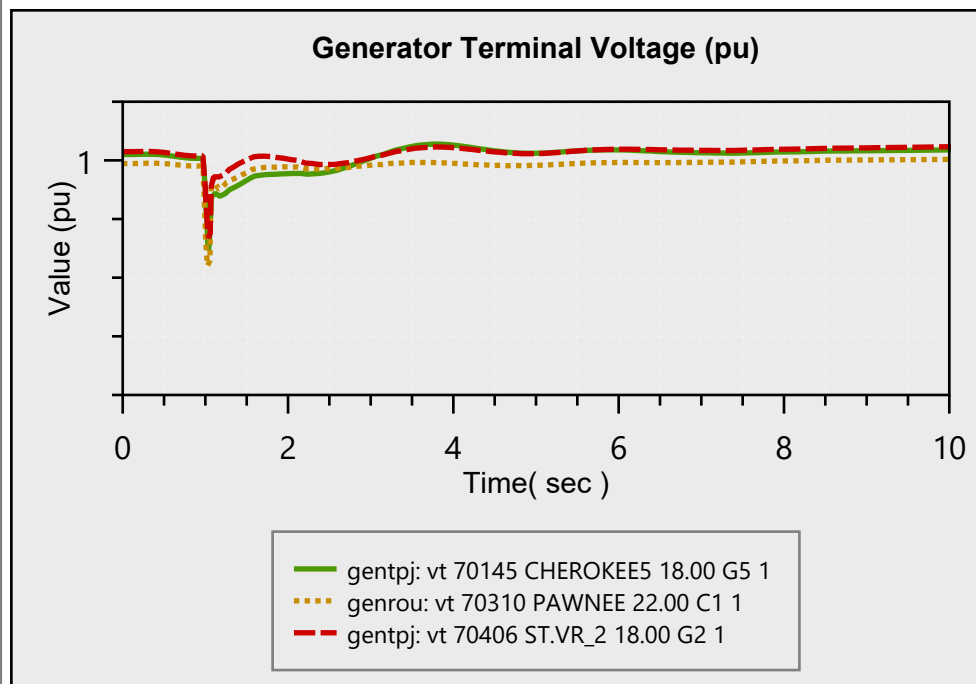
OUTPUTS



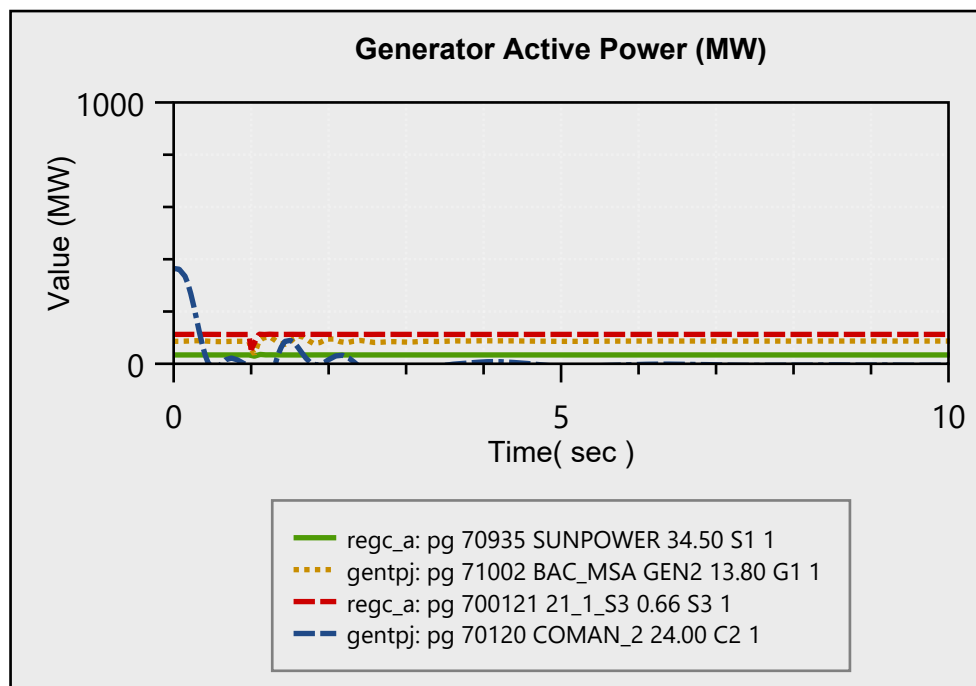
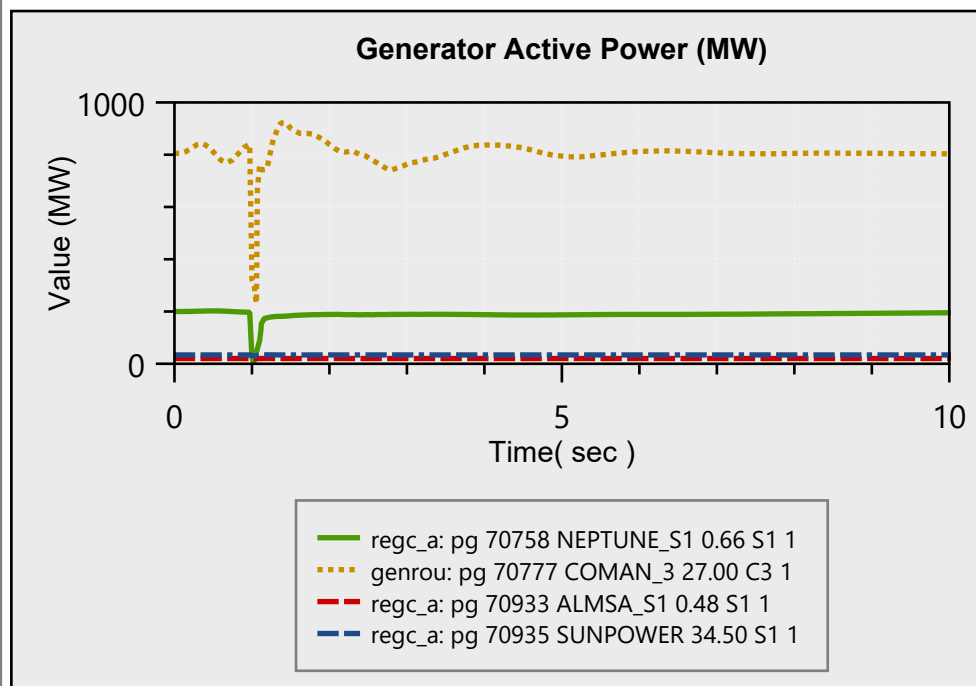
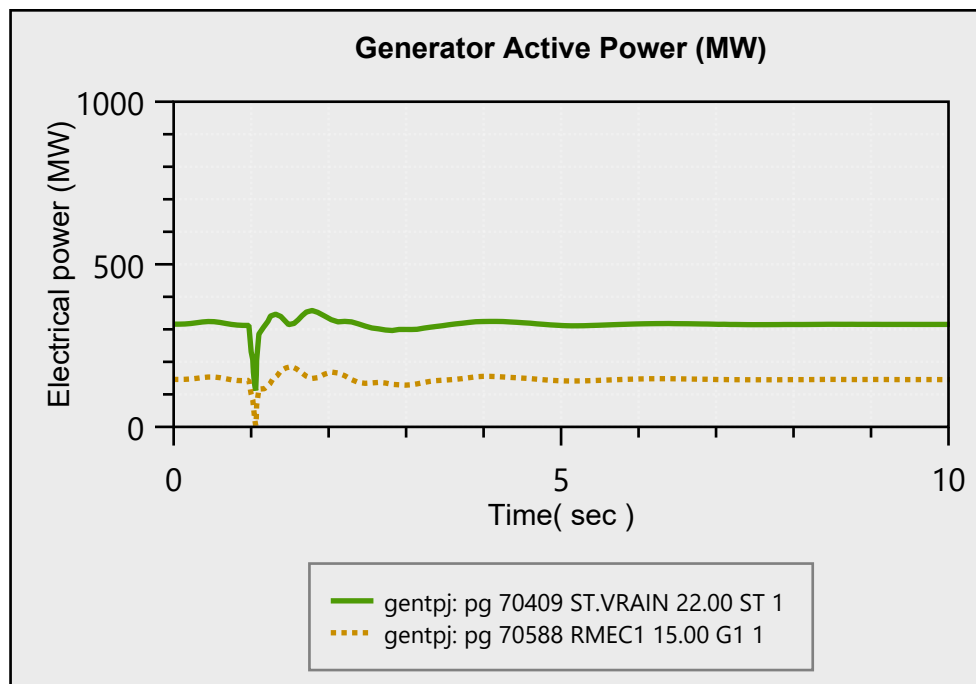
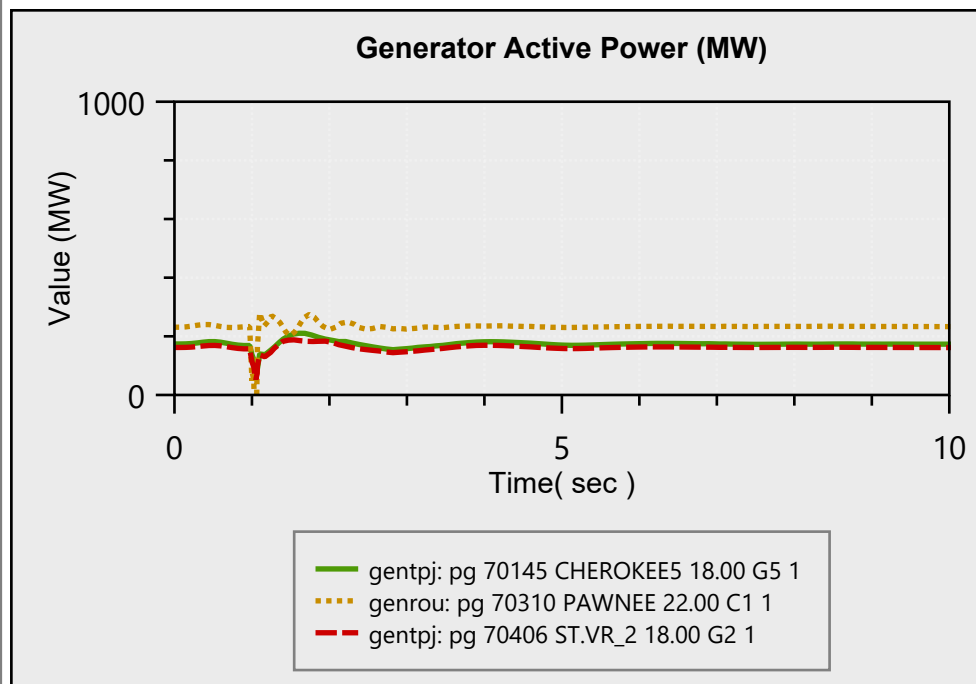
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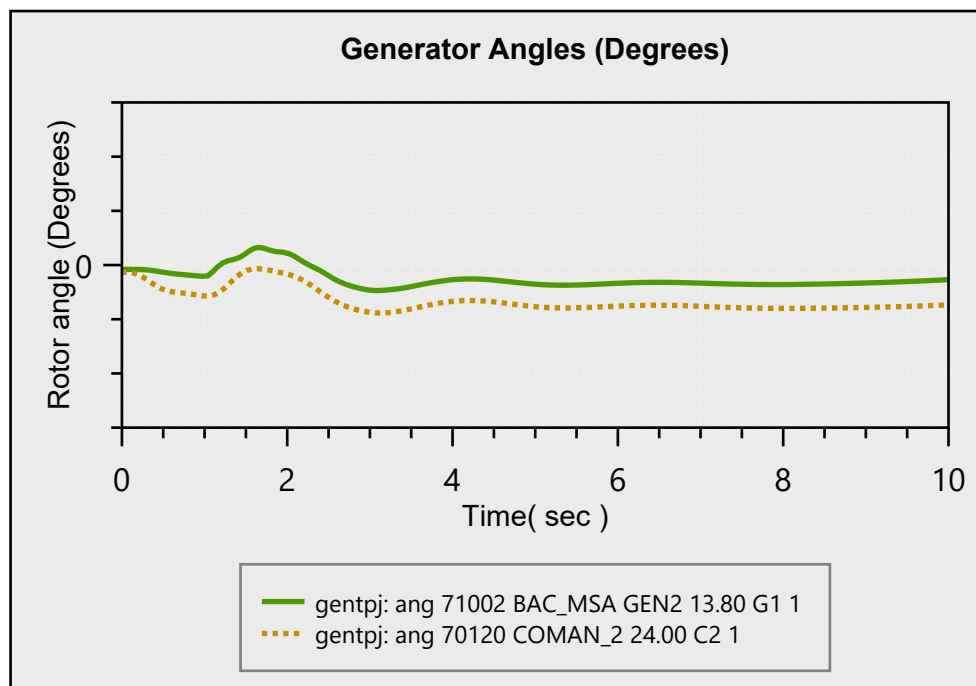
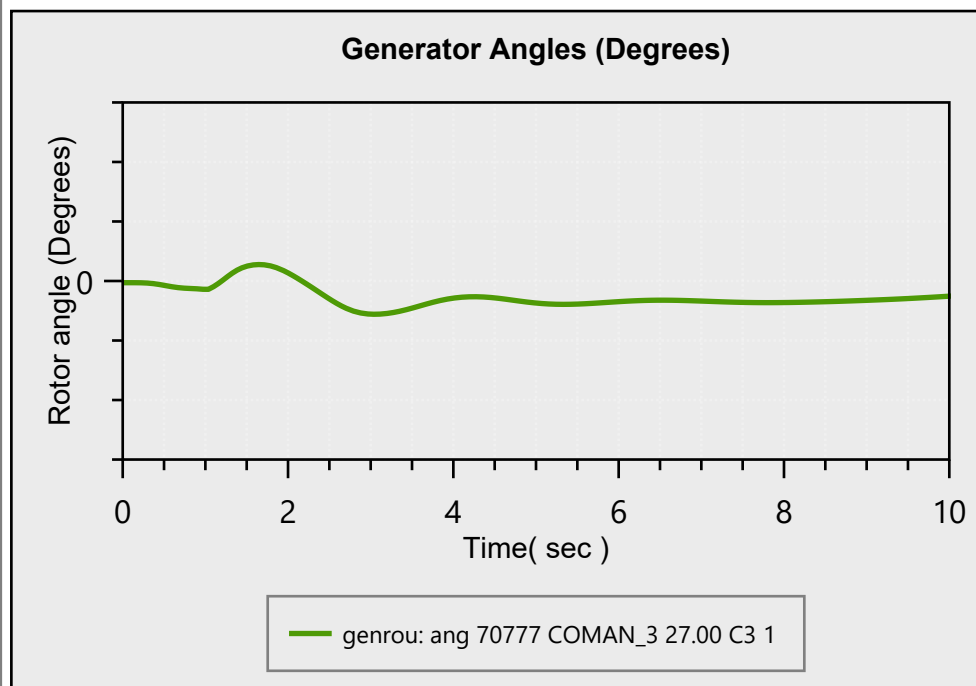
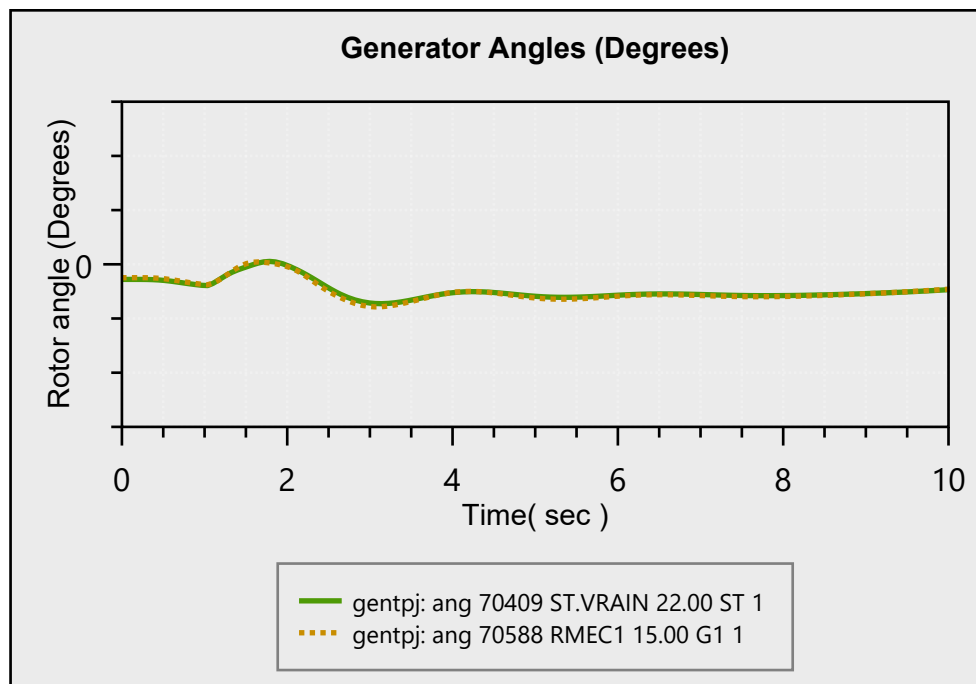
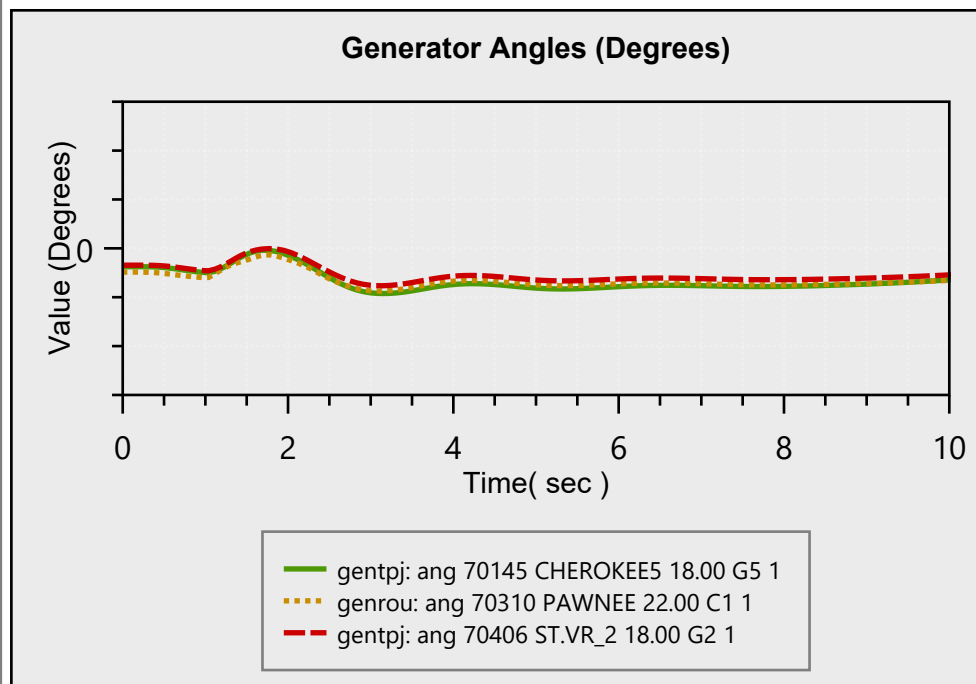
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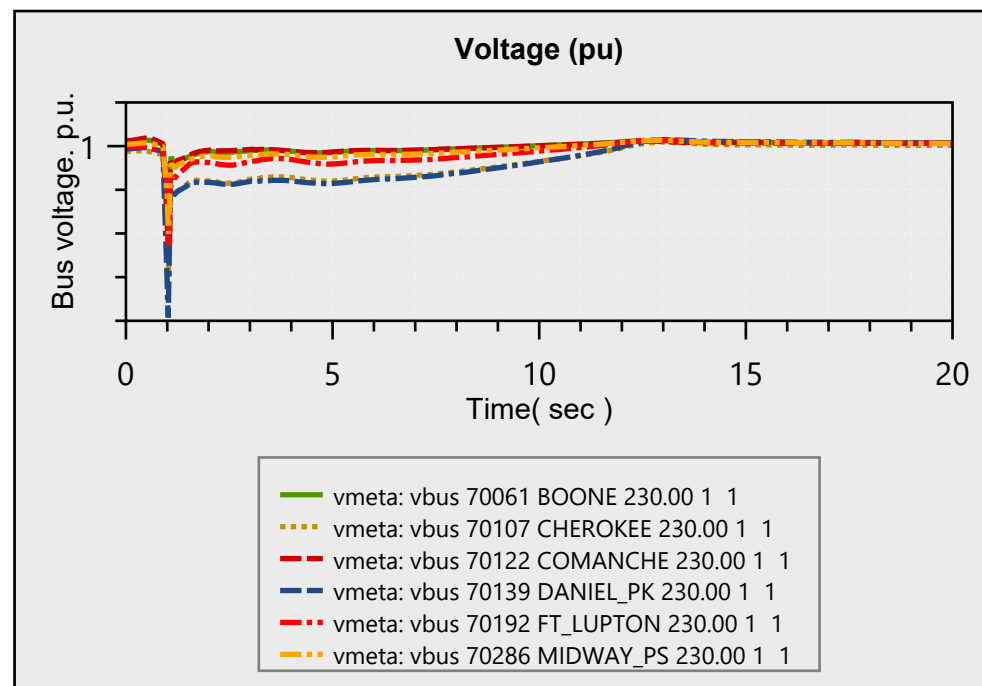
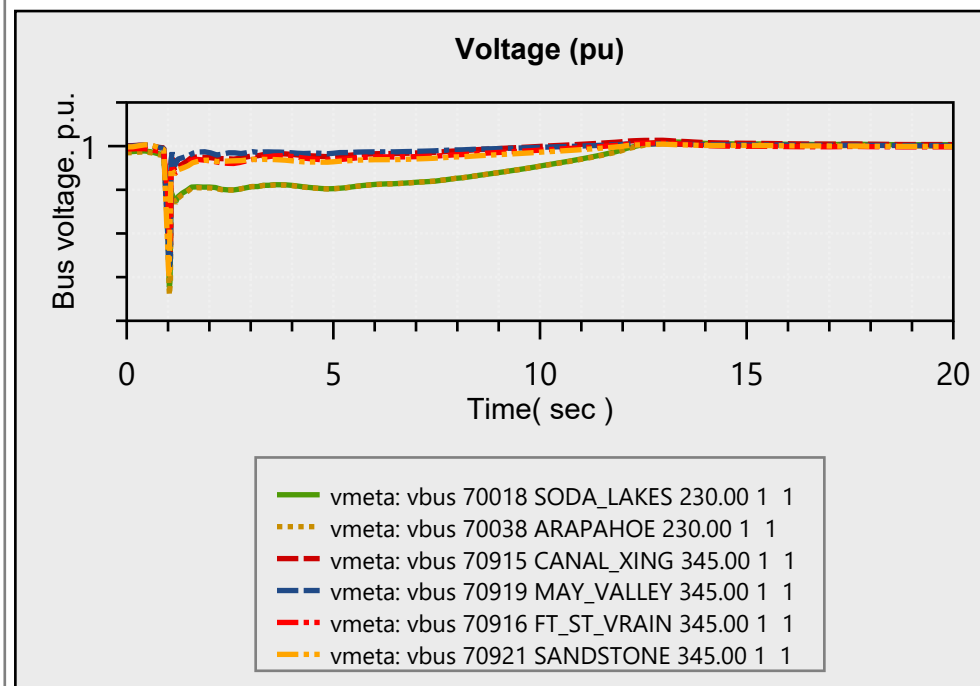
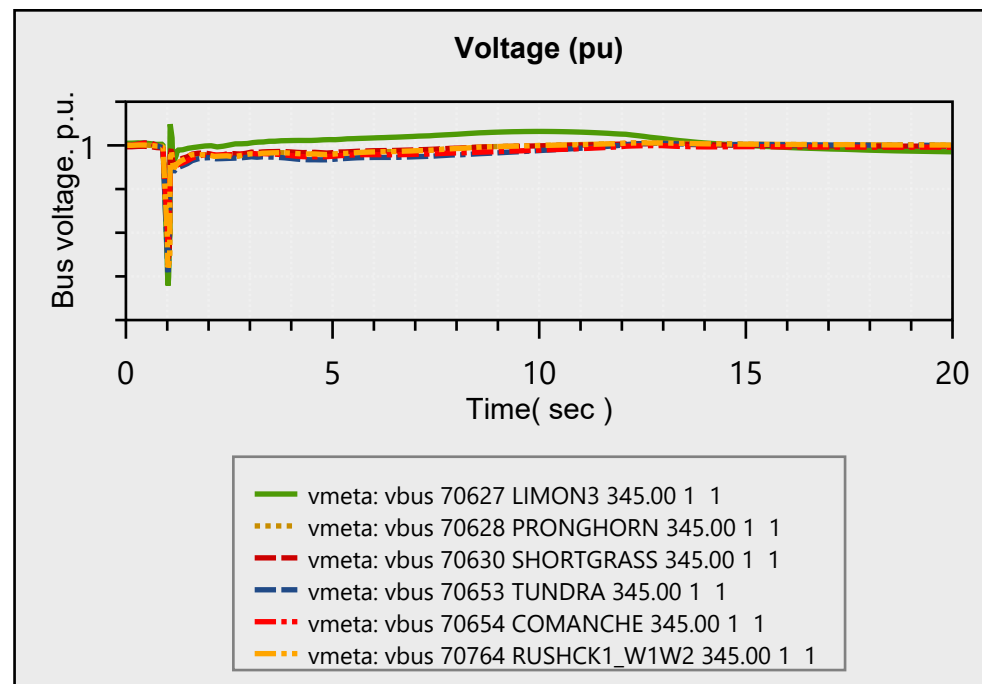
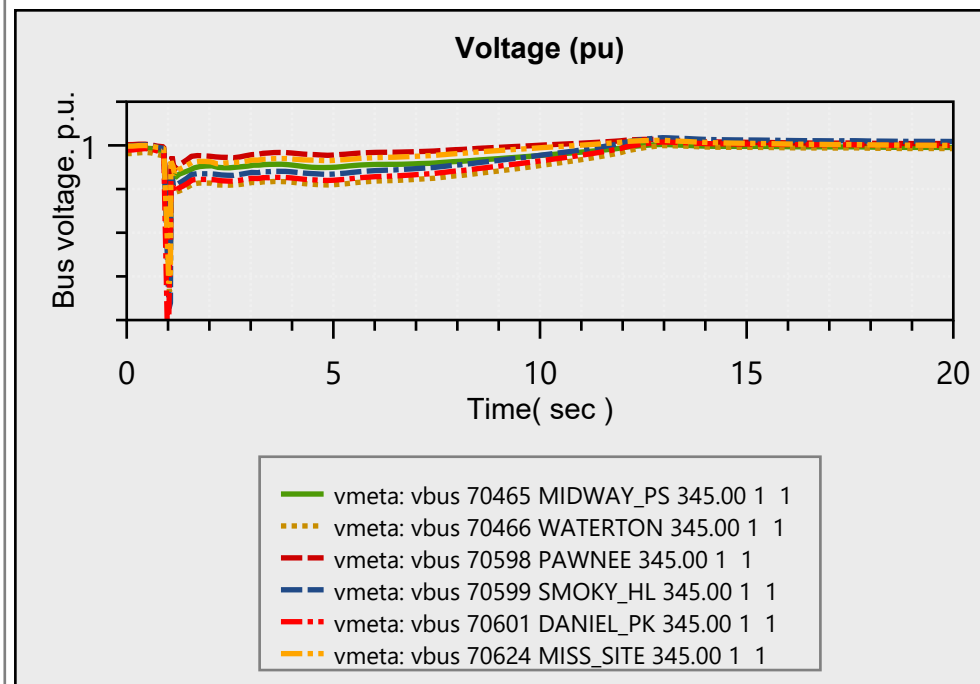
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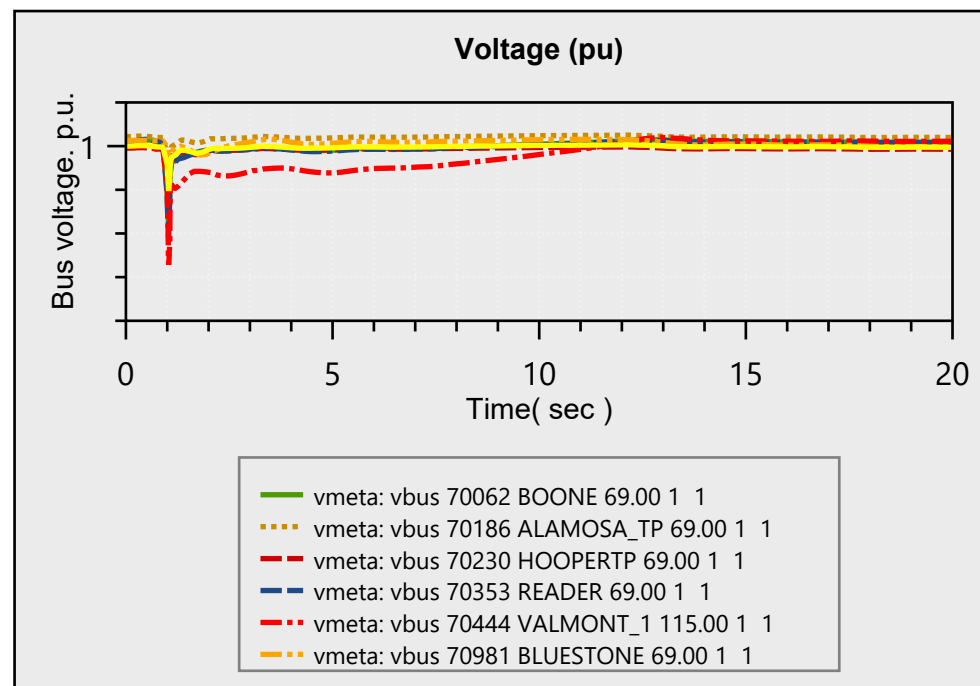
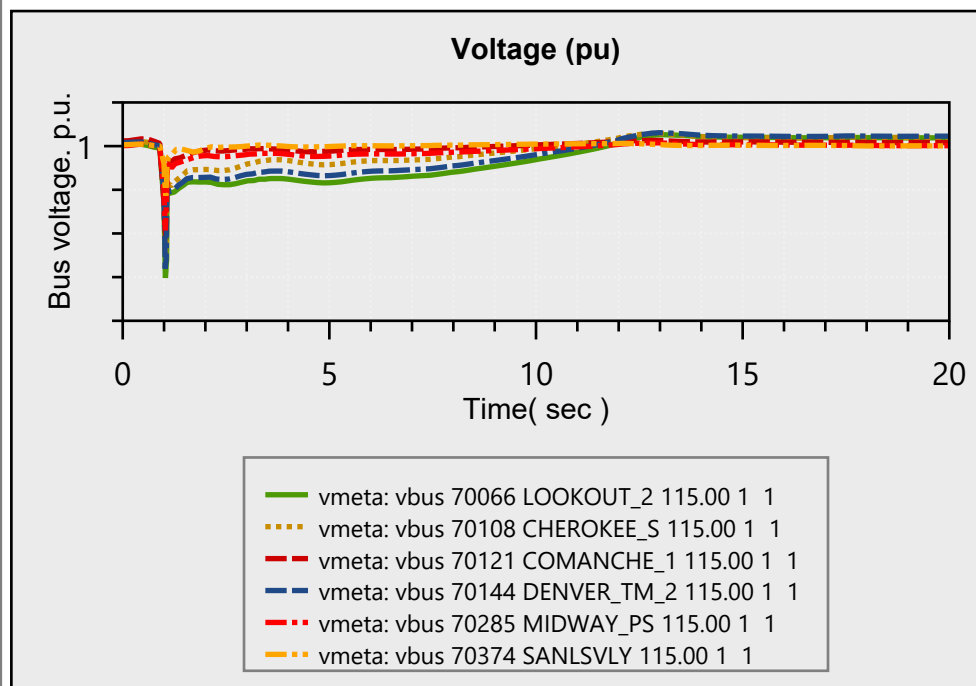
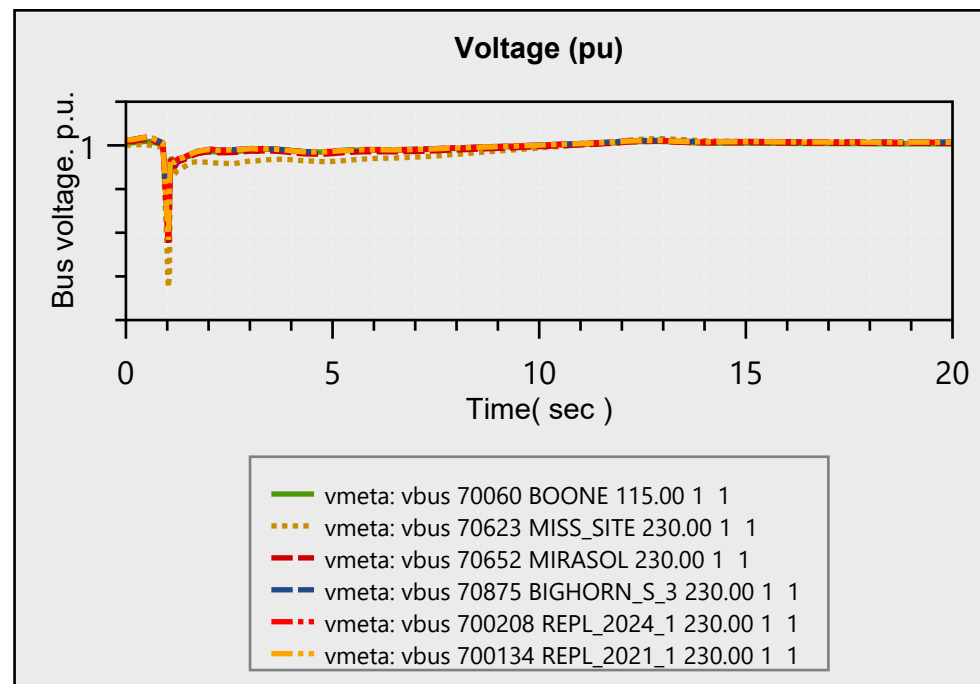
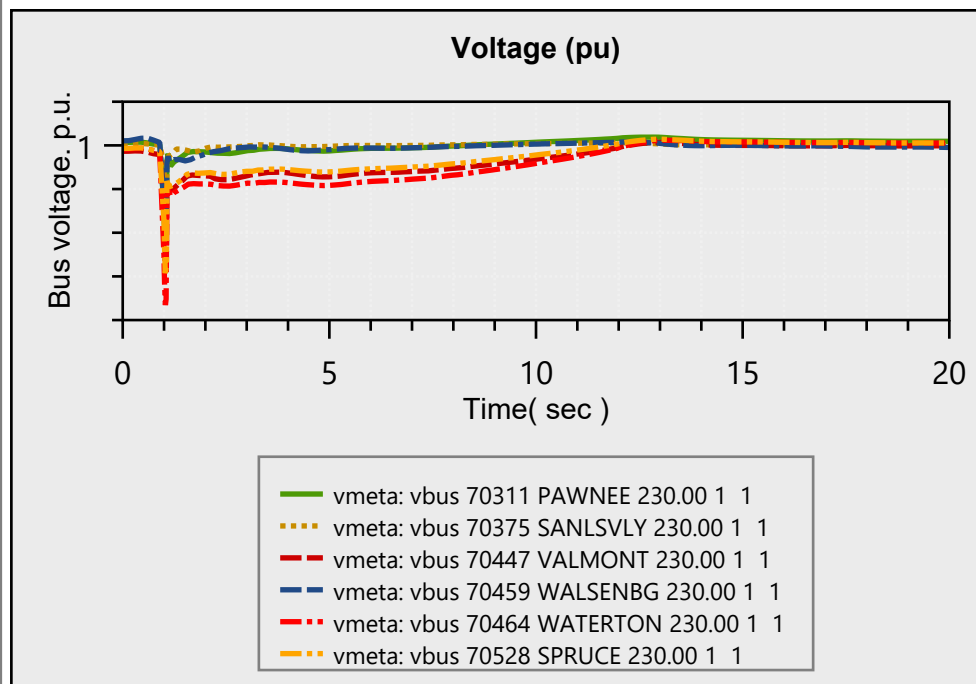
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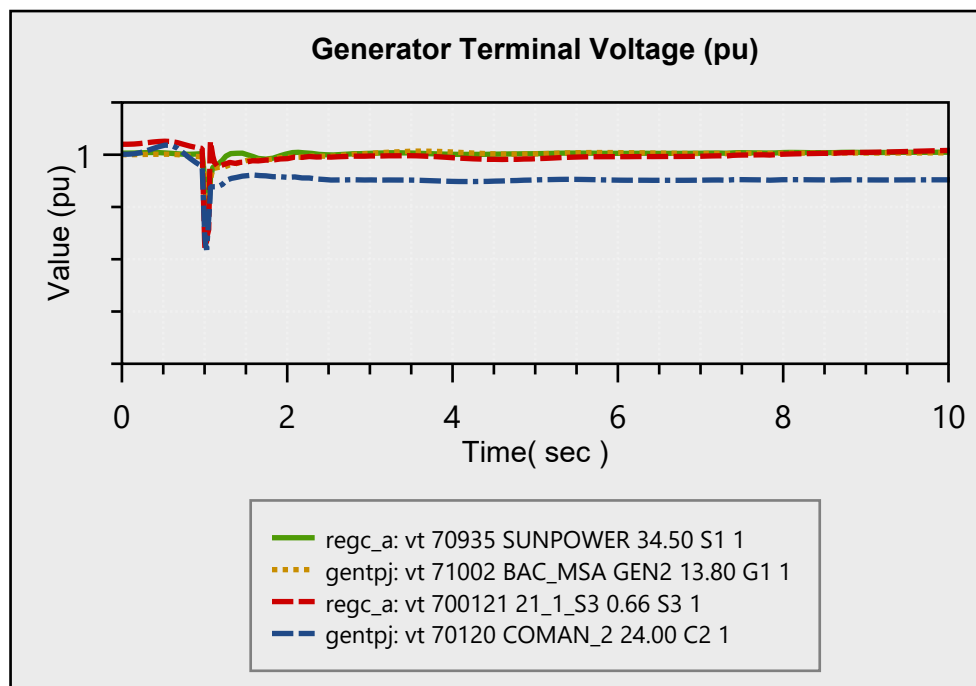
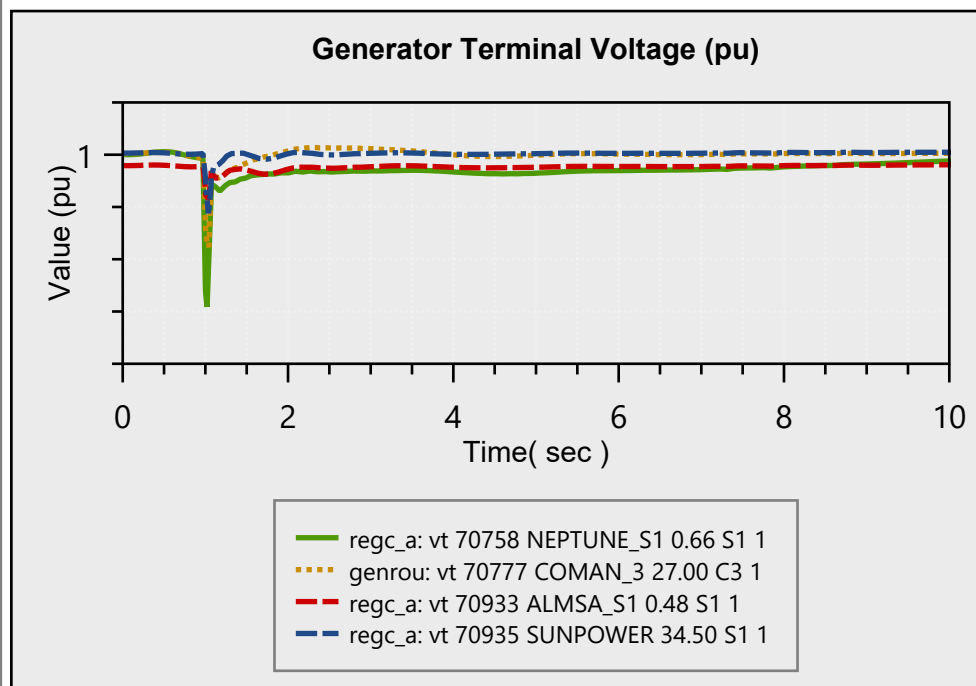
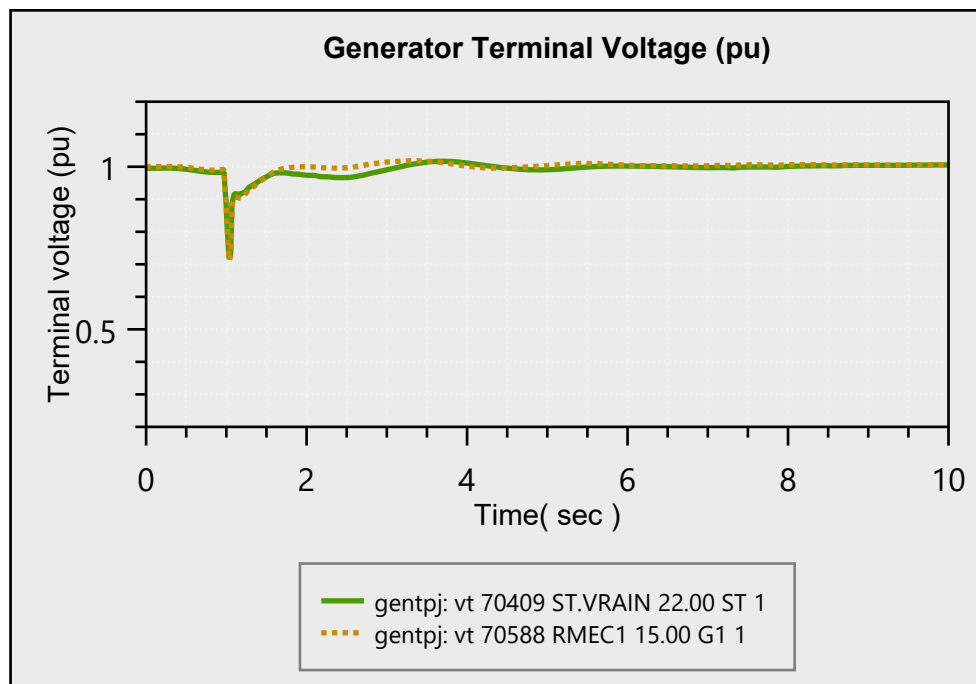
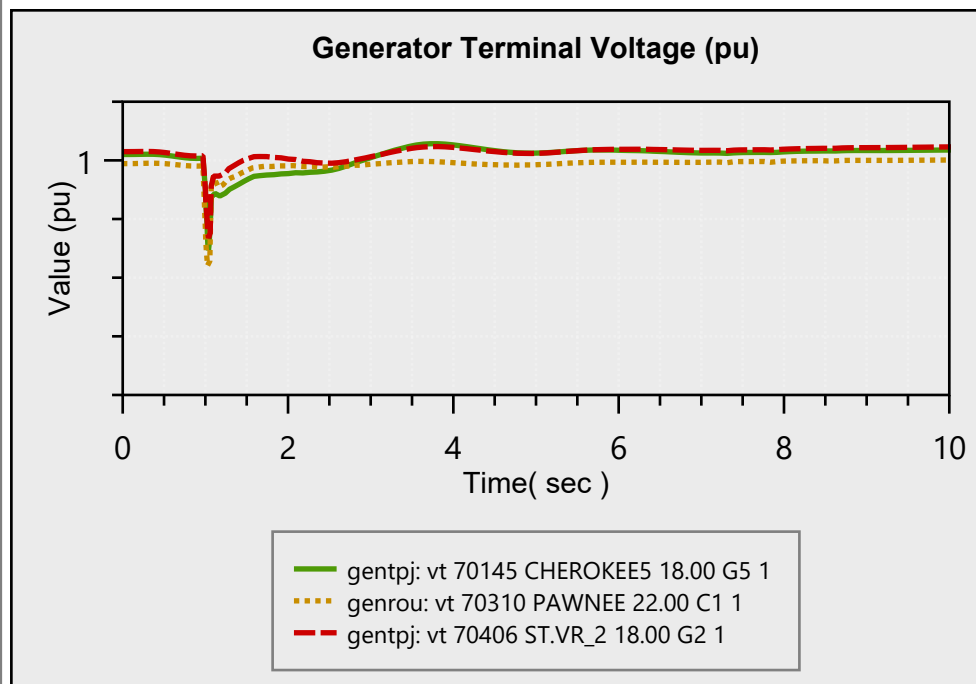
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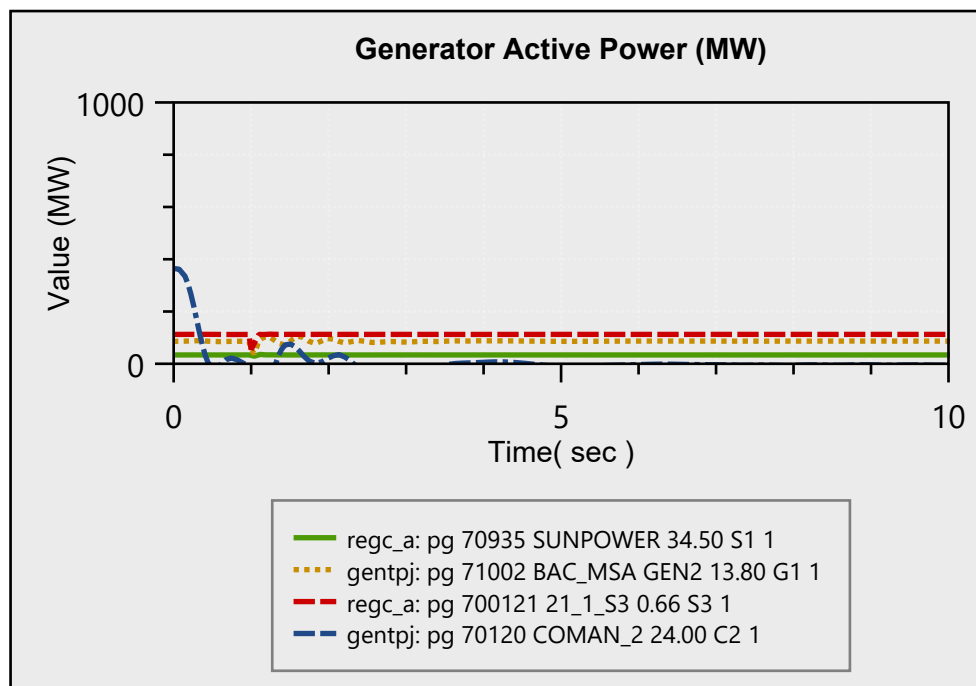
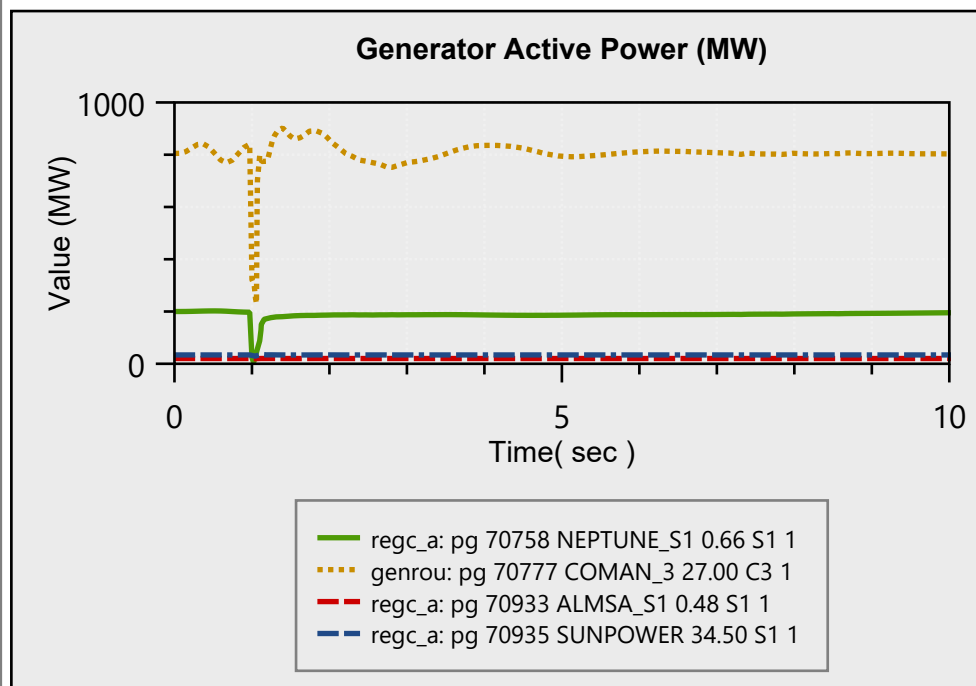
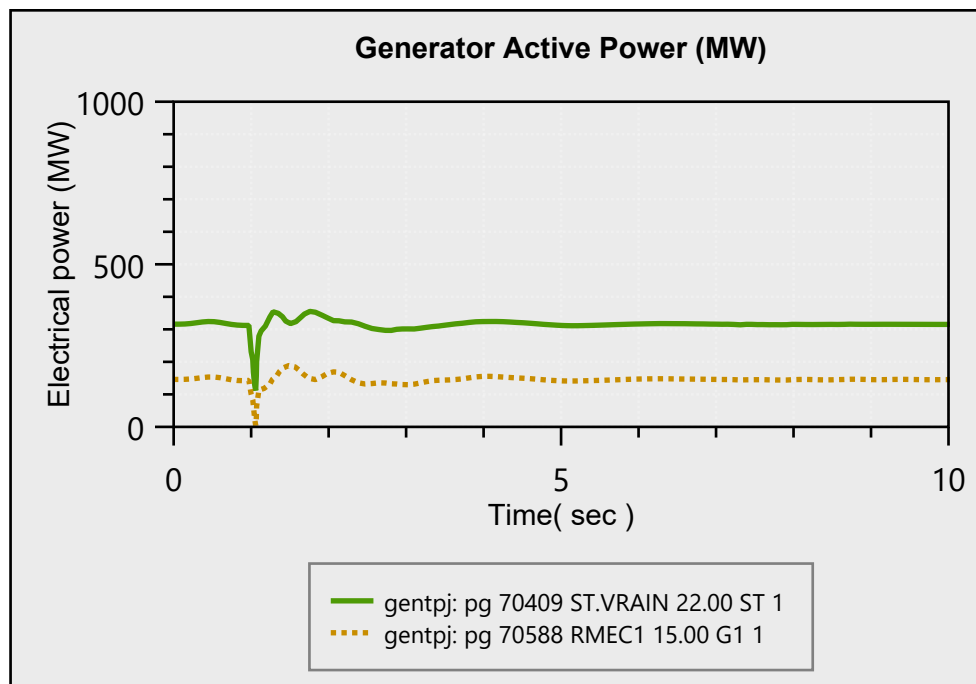
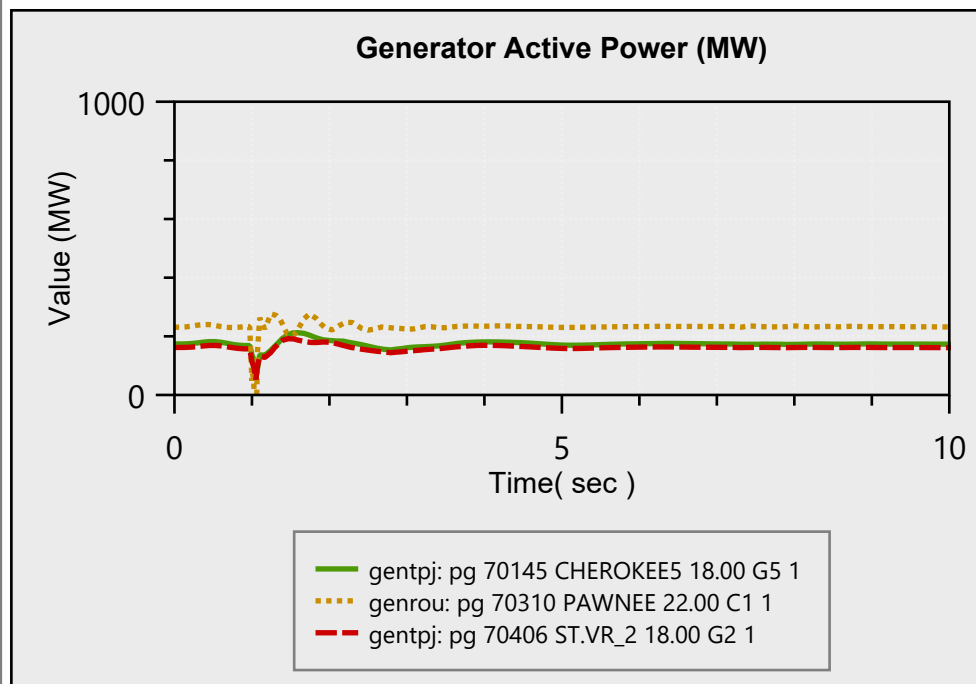
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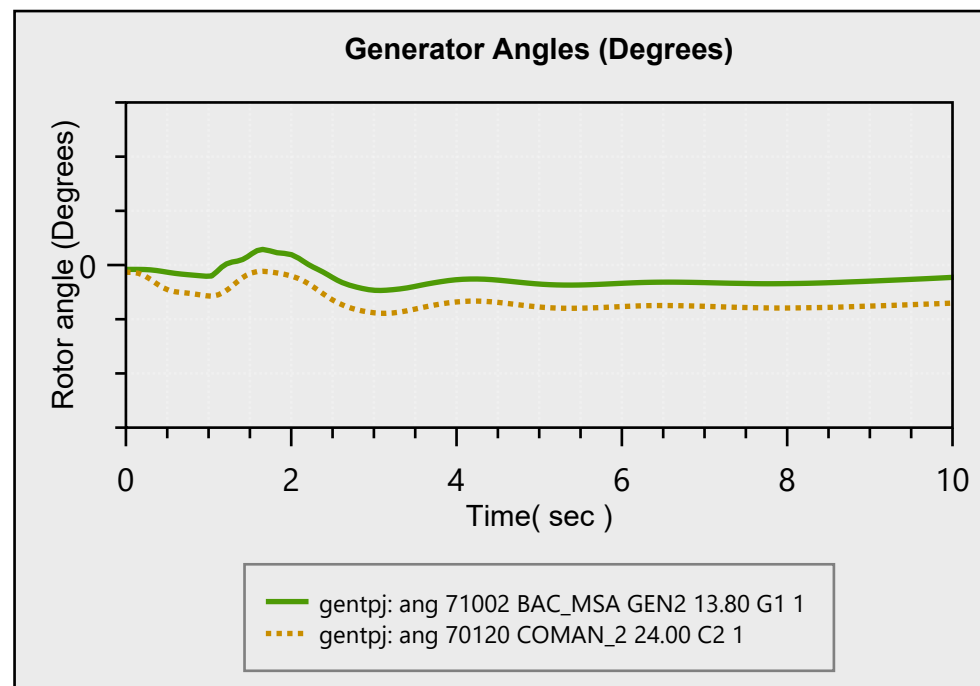
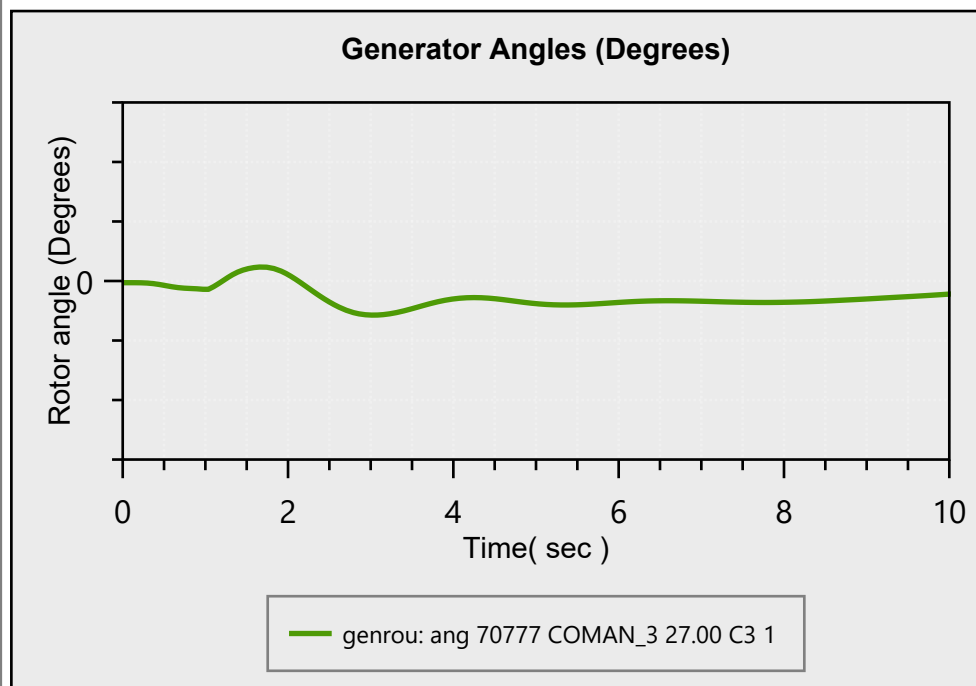
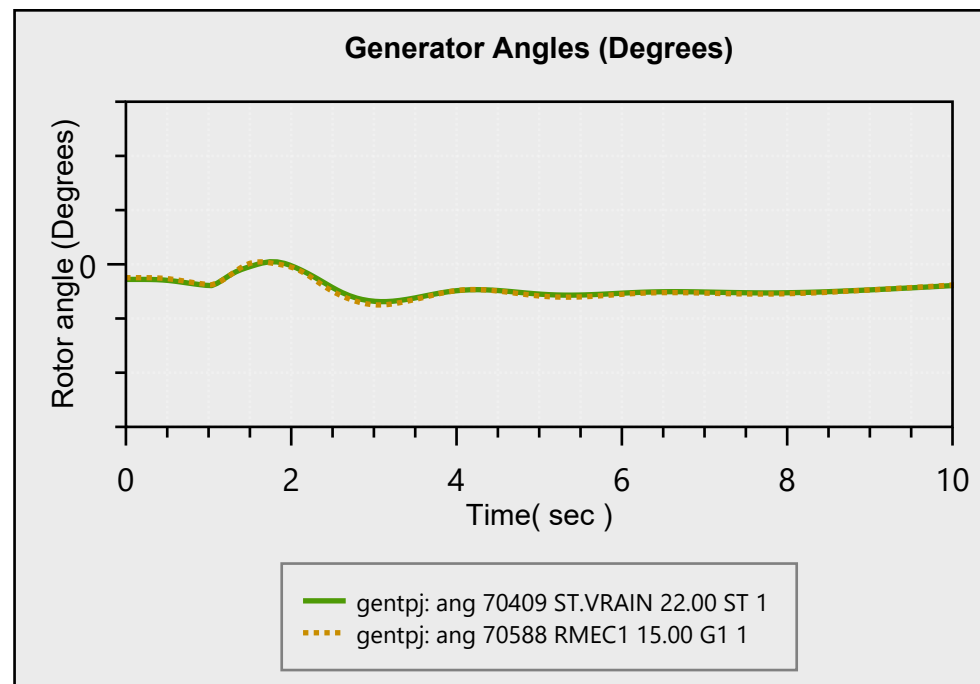
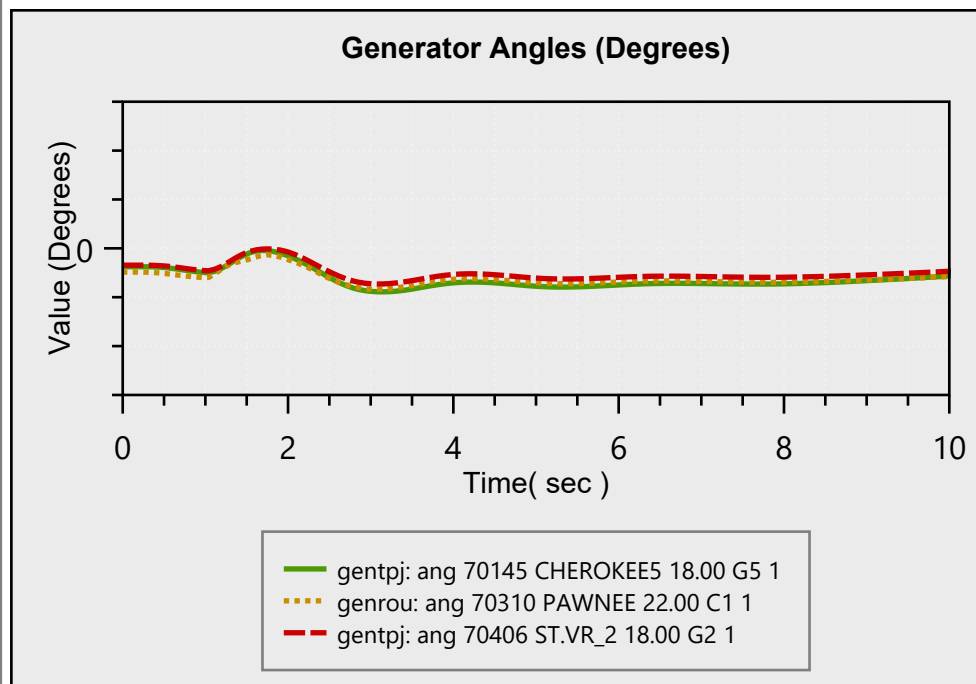
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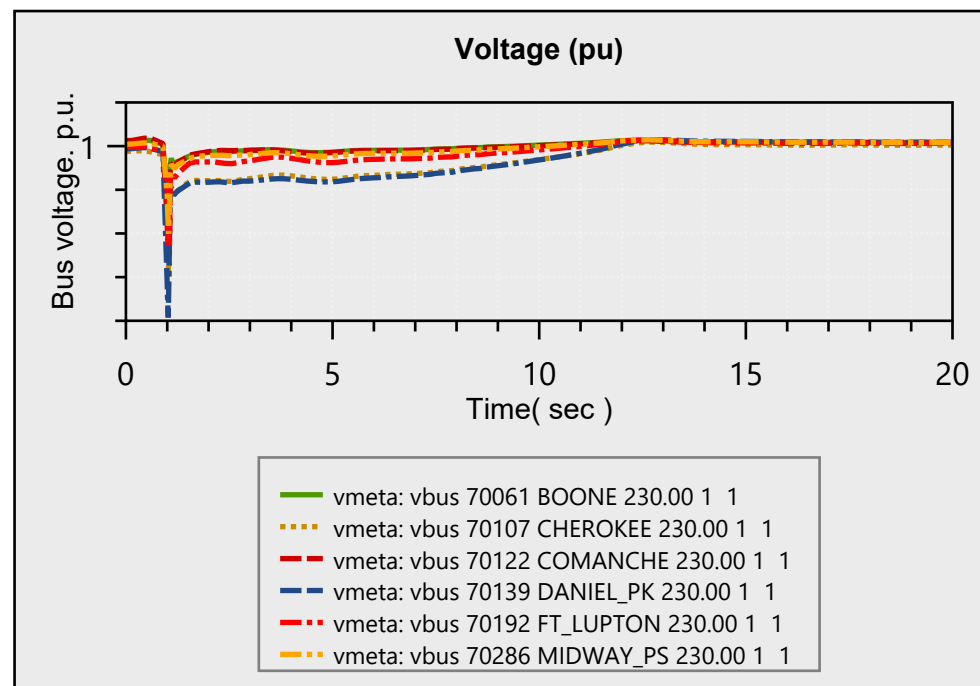
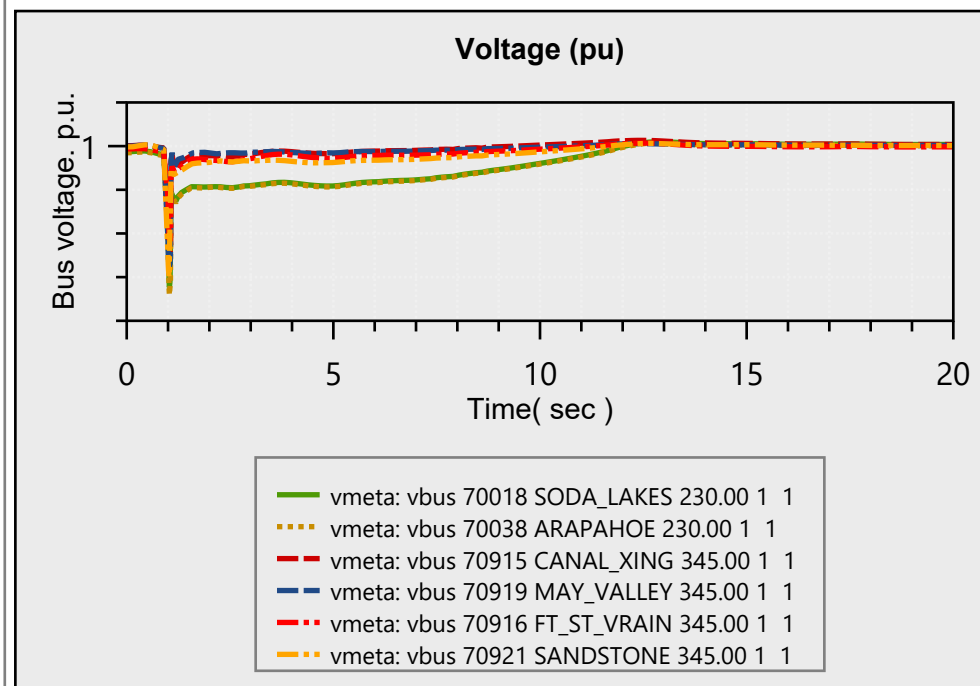
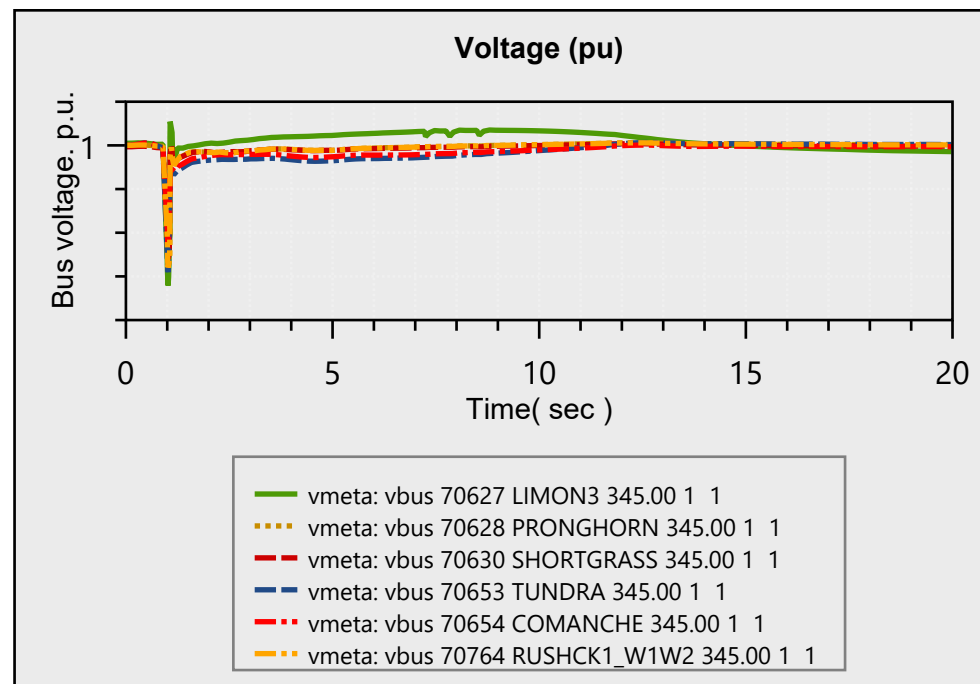
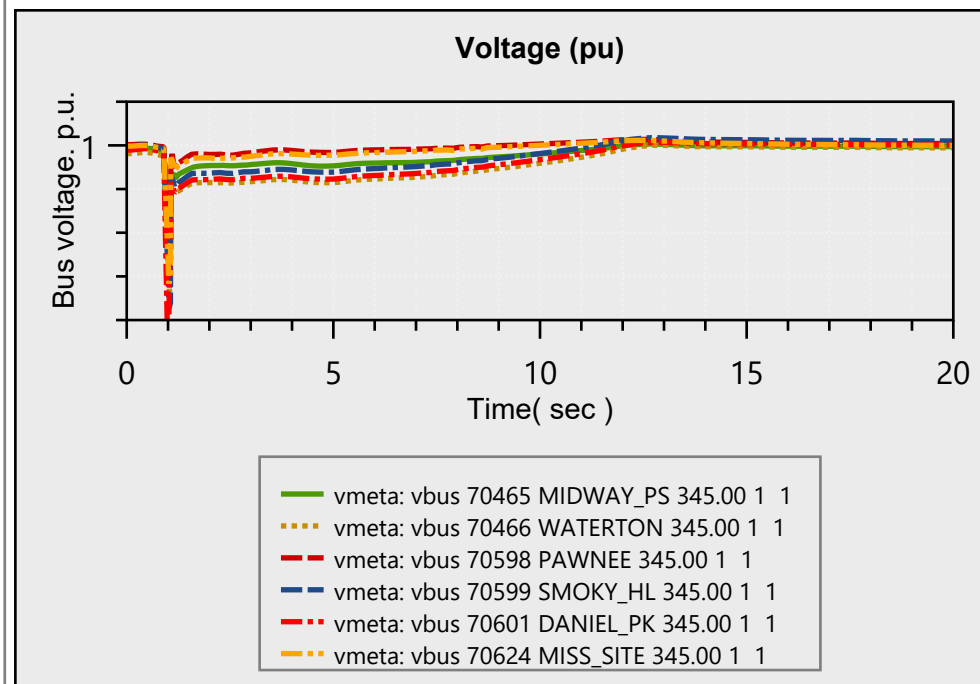
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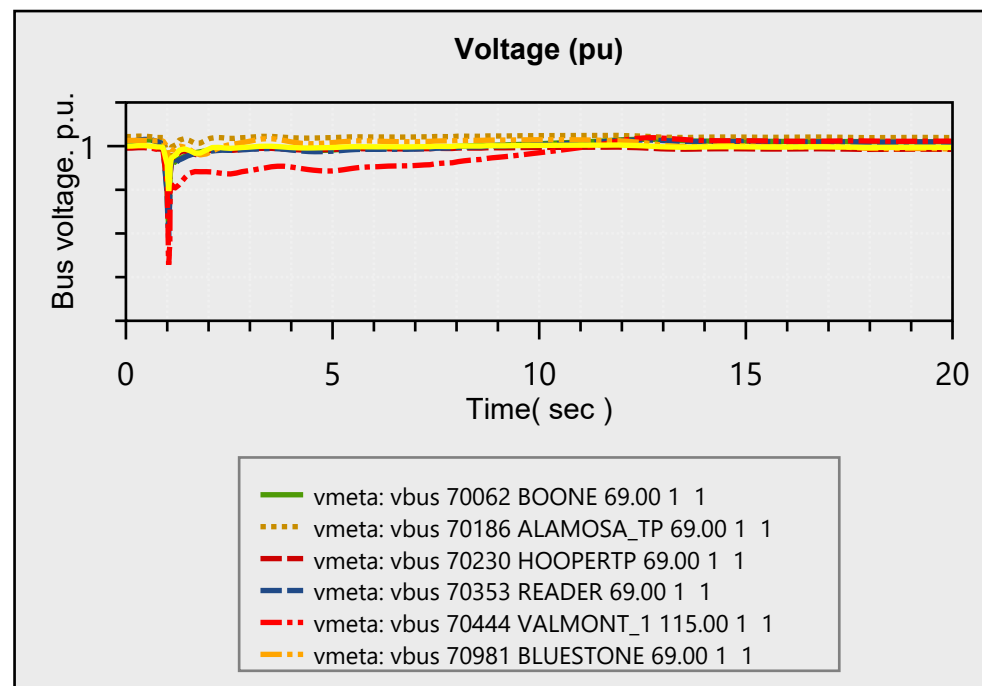
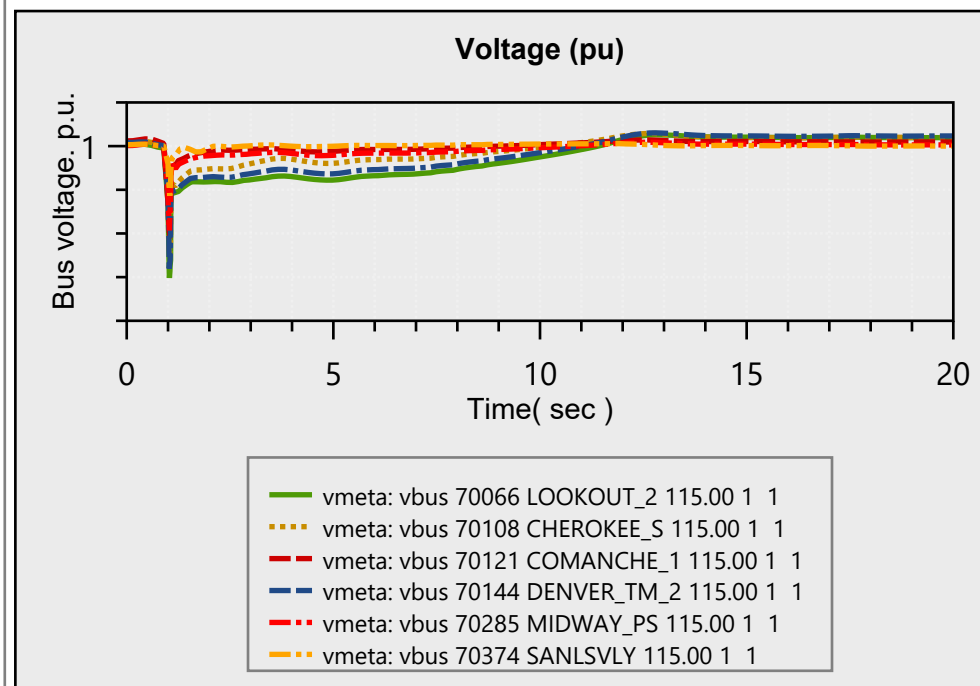
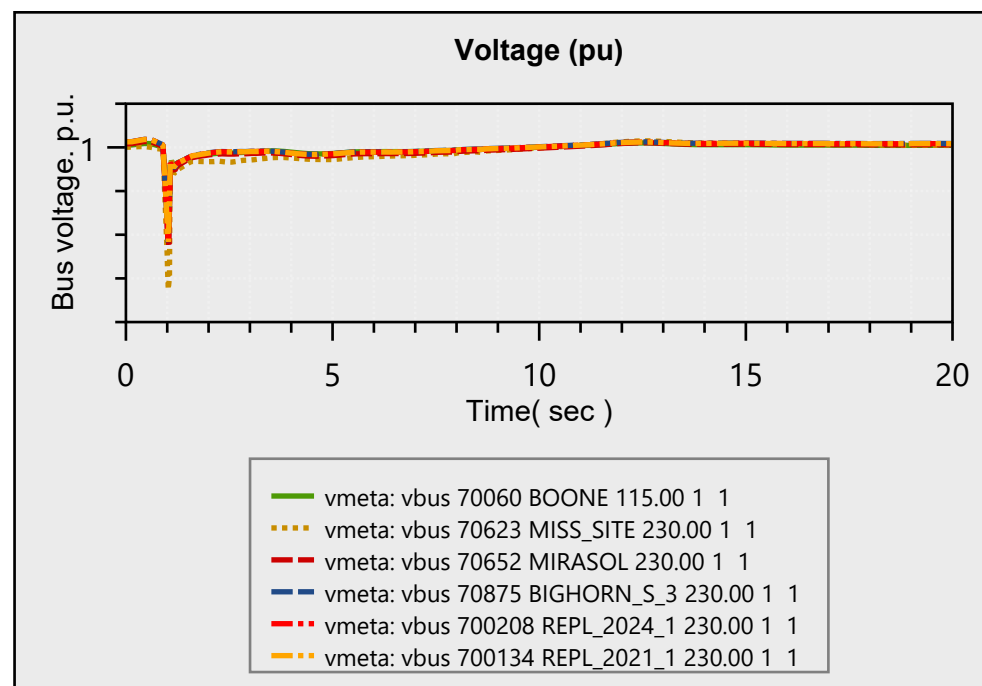
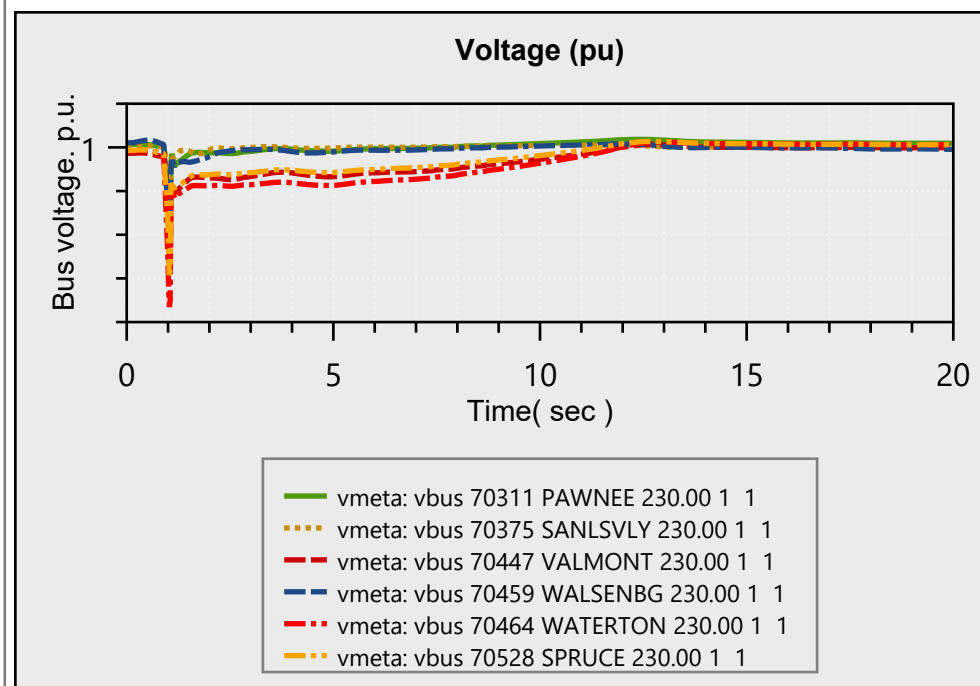
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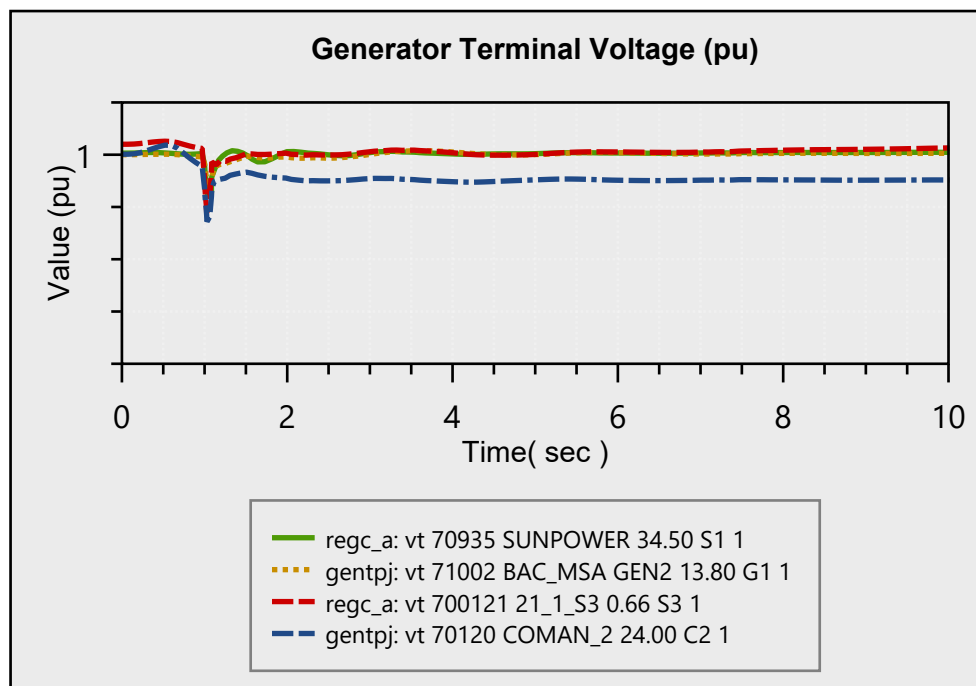
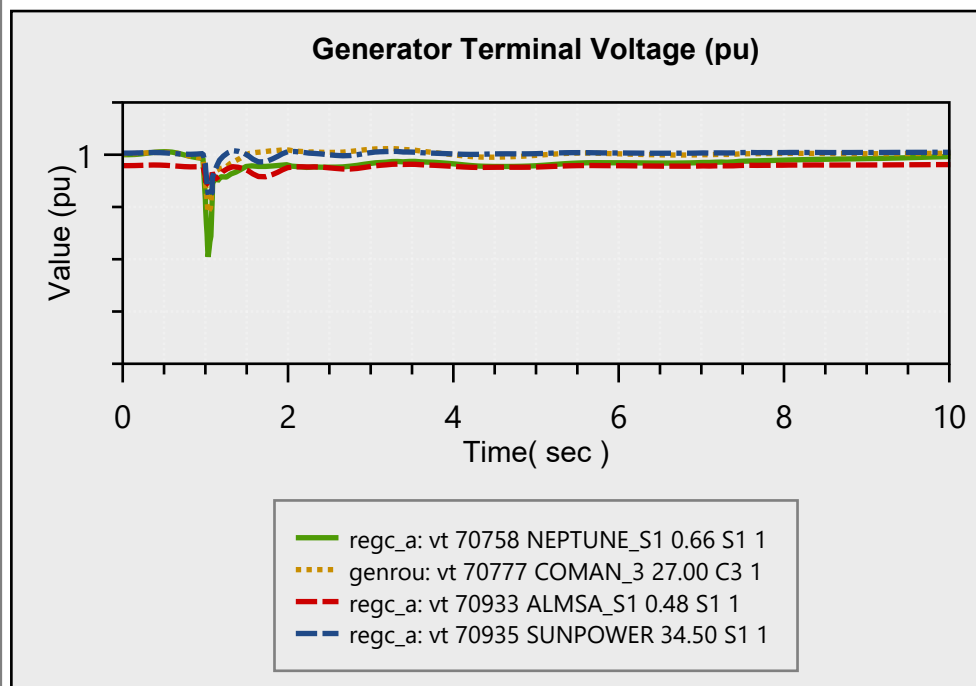
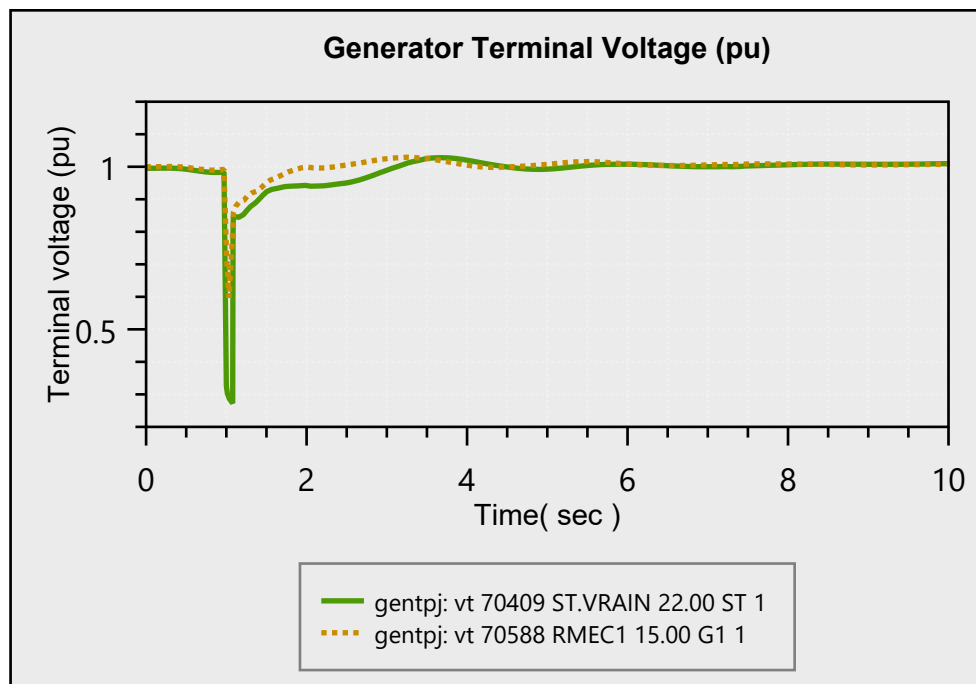
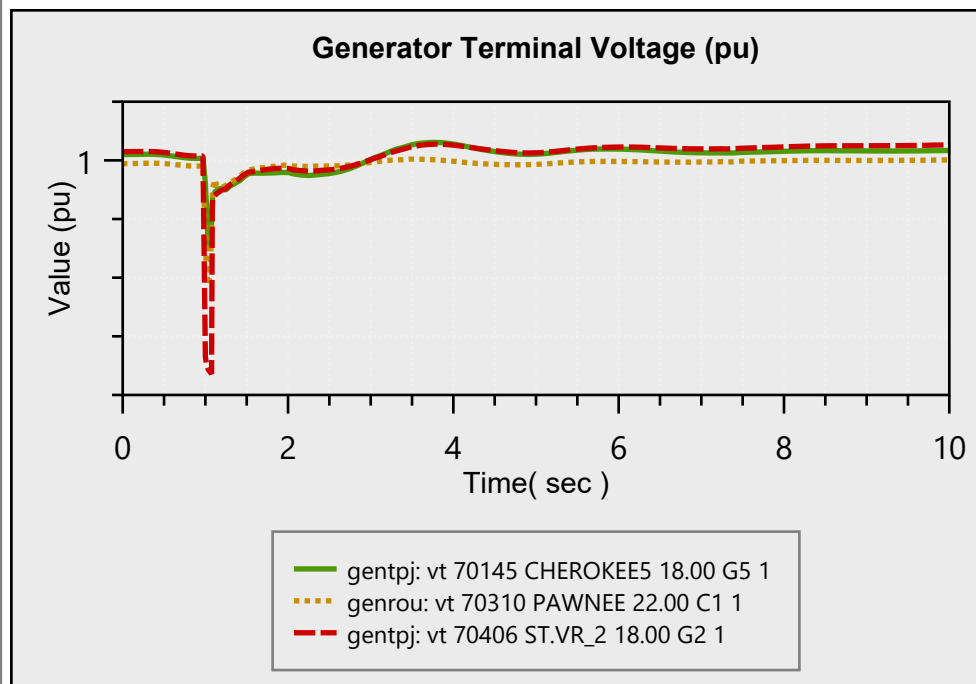
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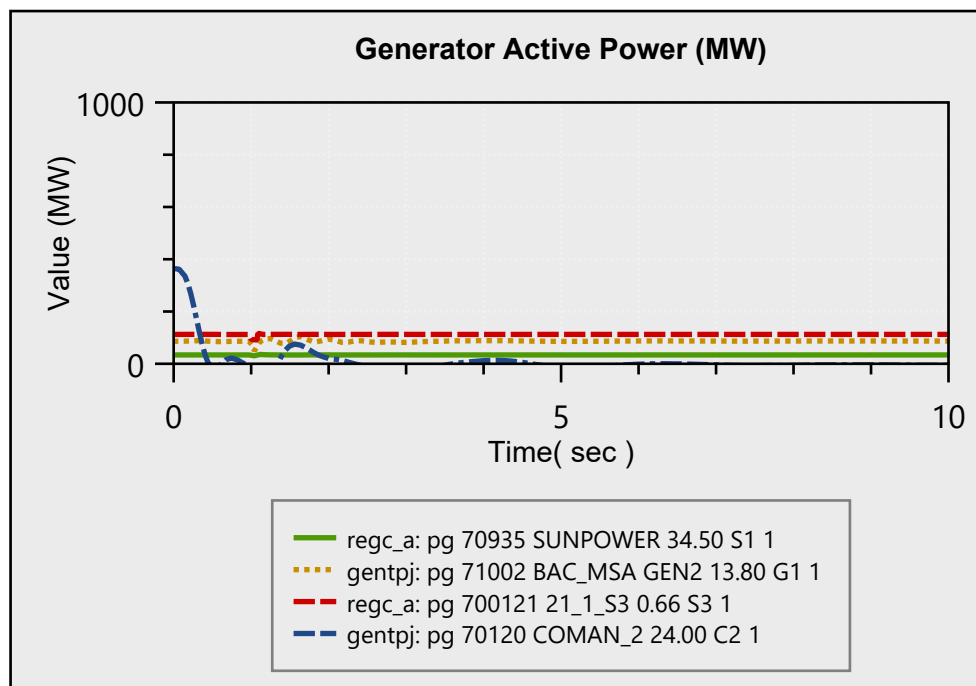
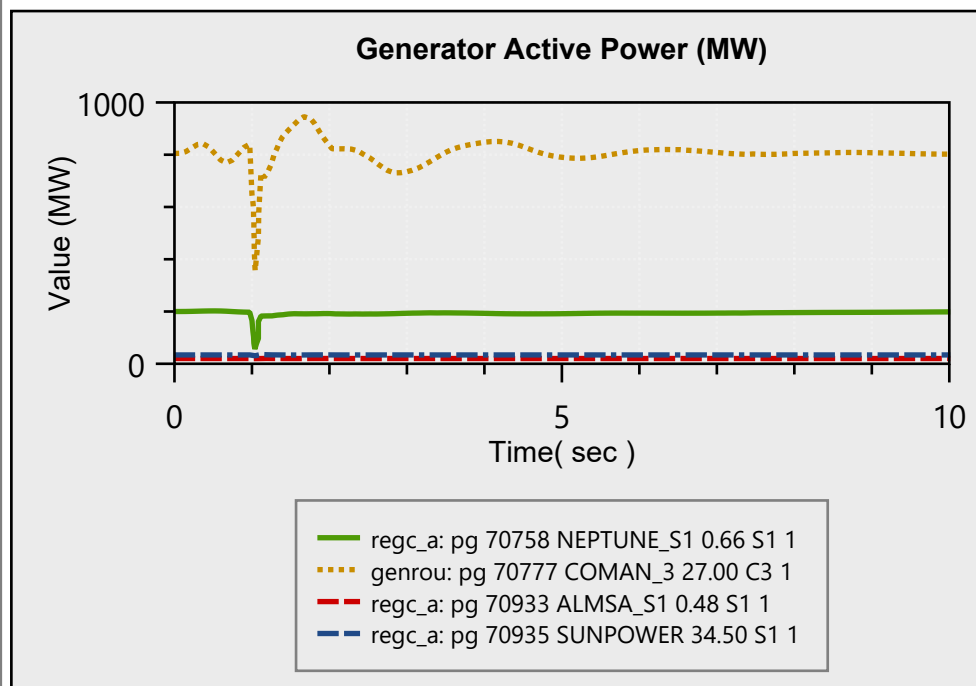
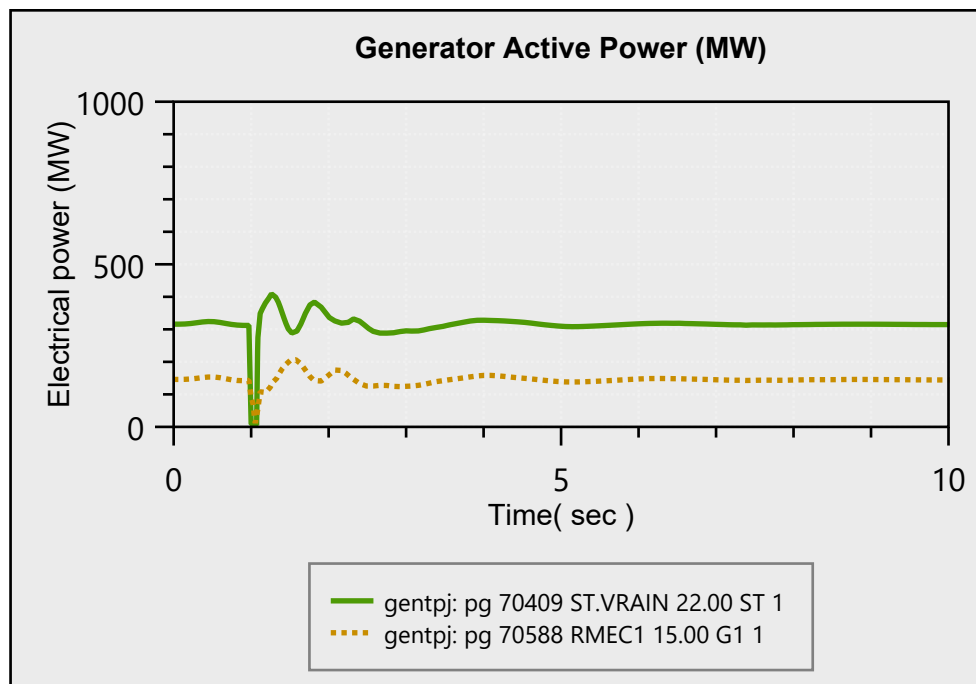
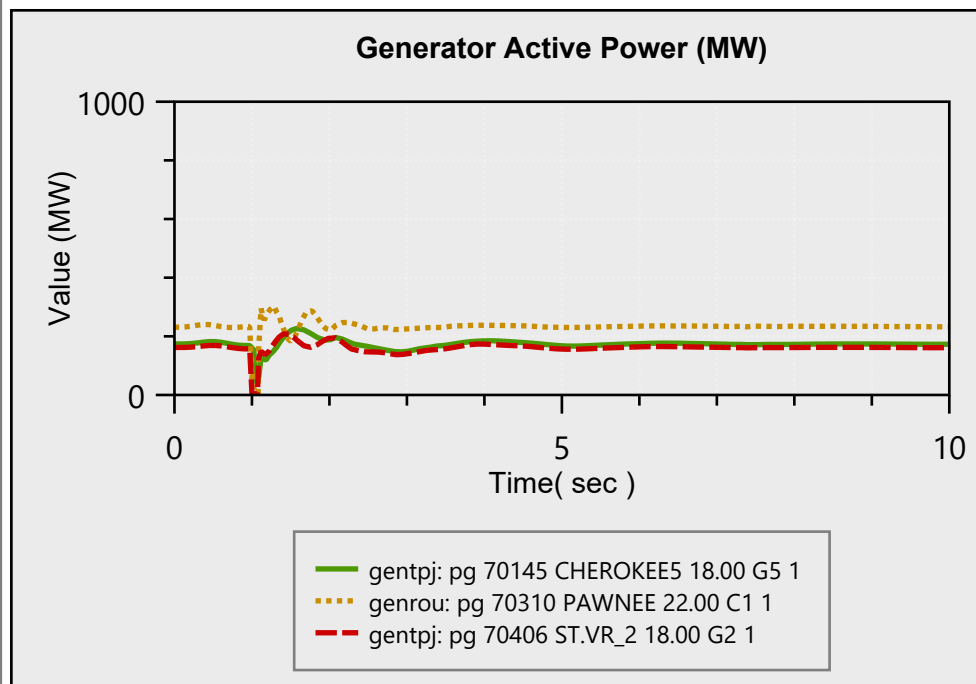
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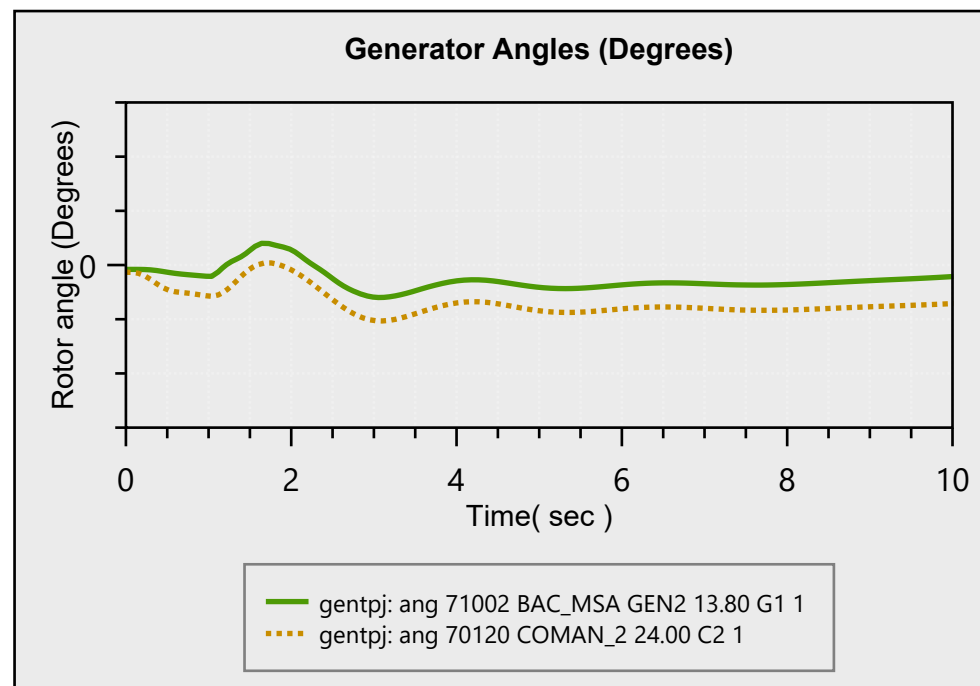
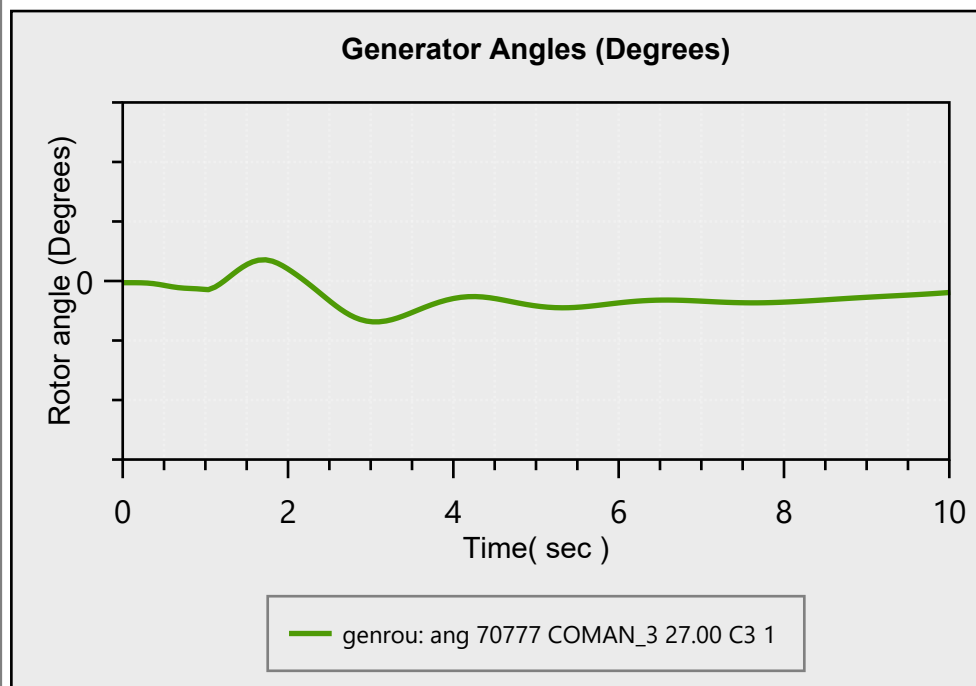
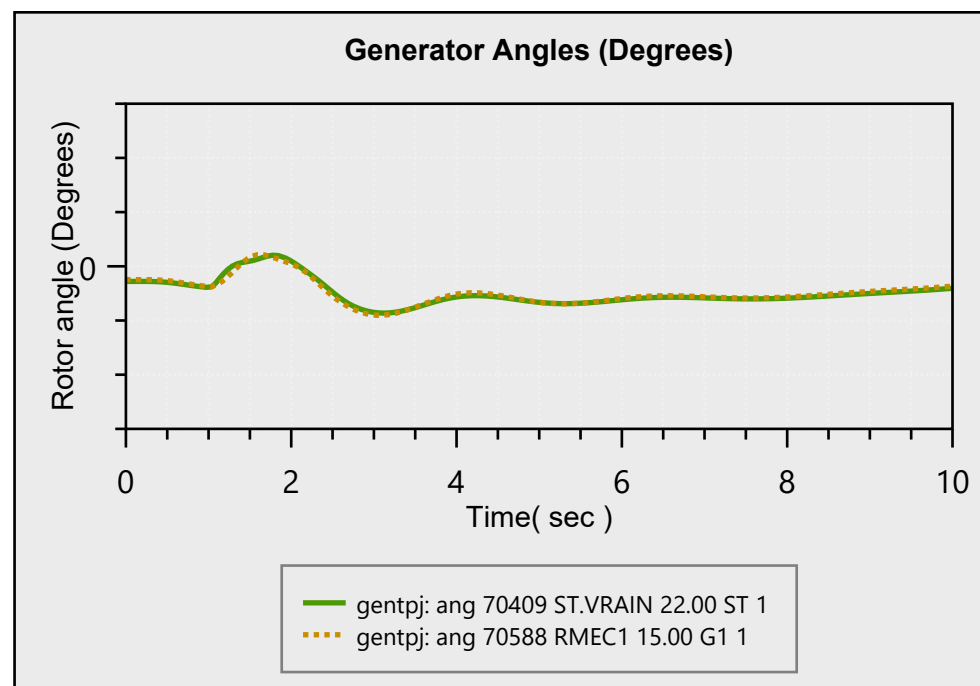
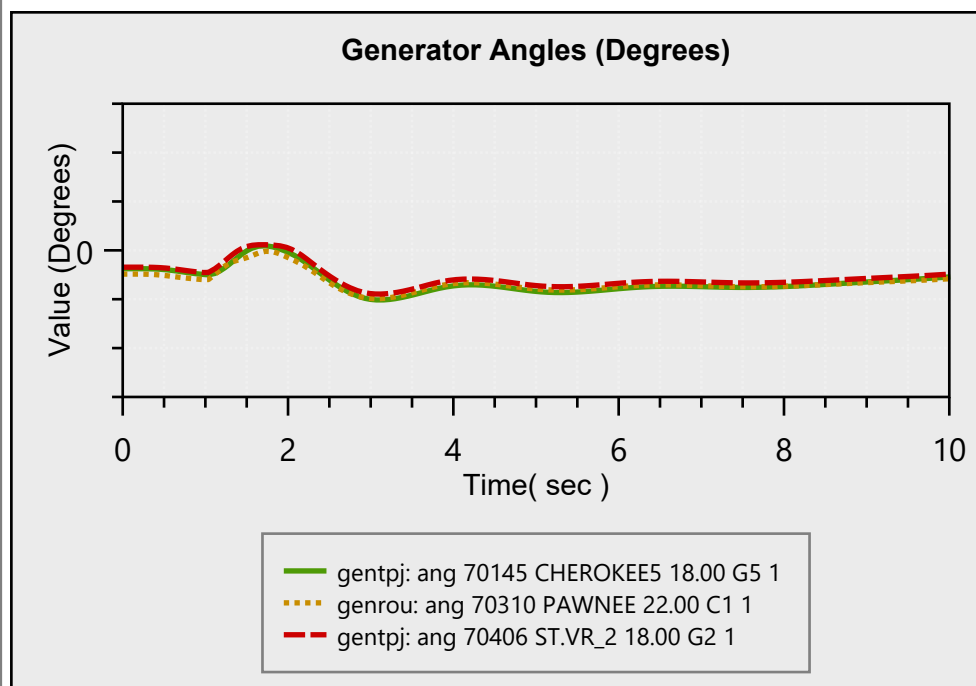
OUTPUTS



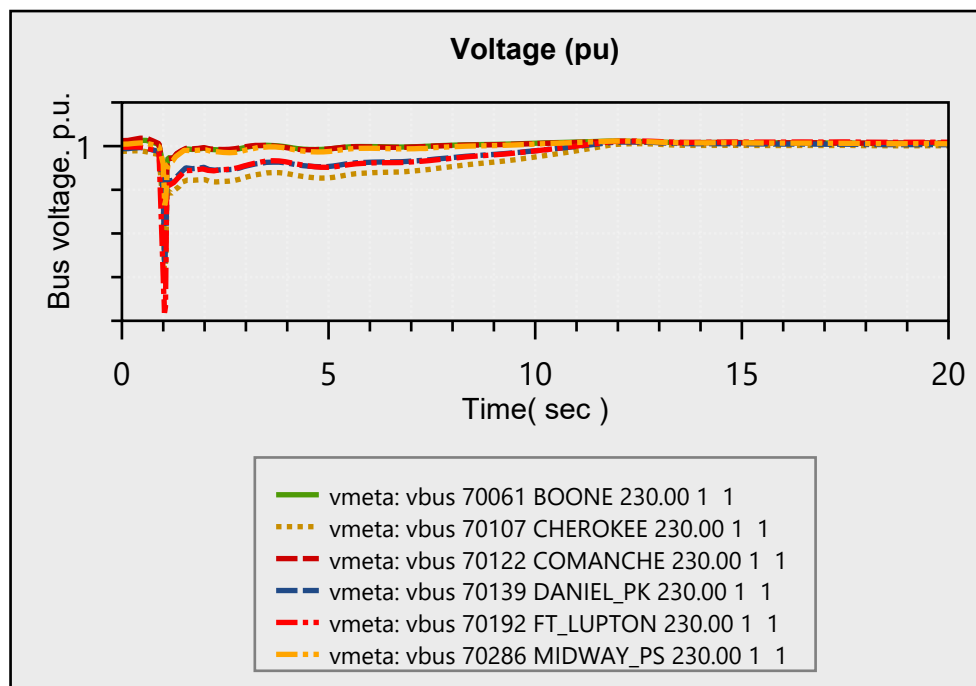
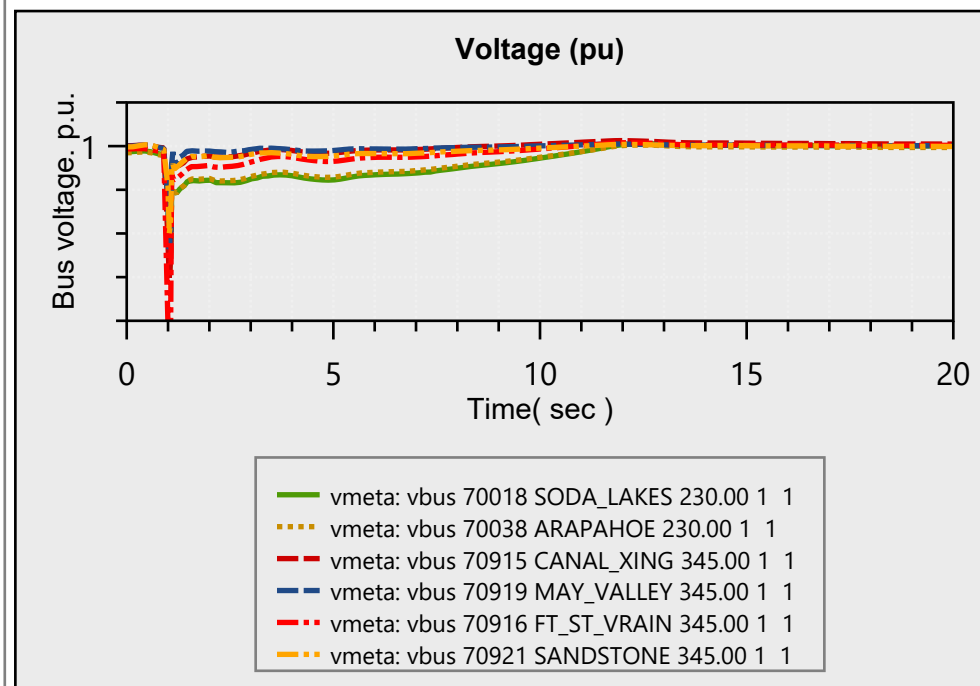
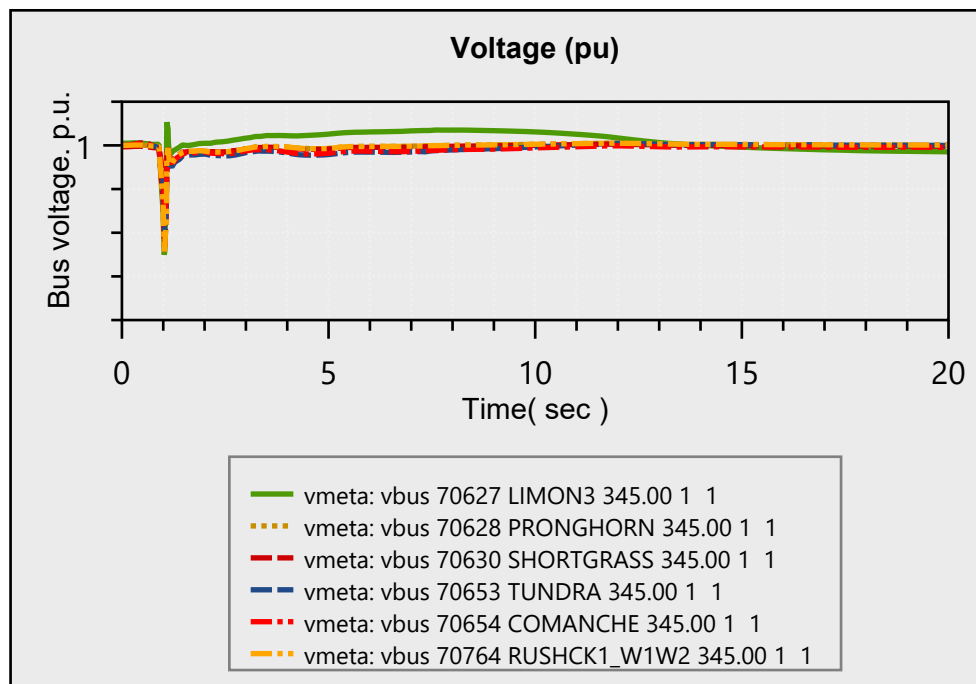
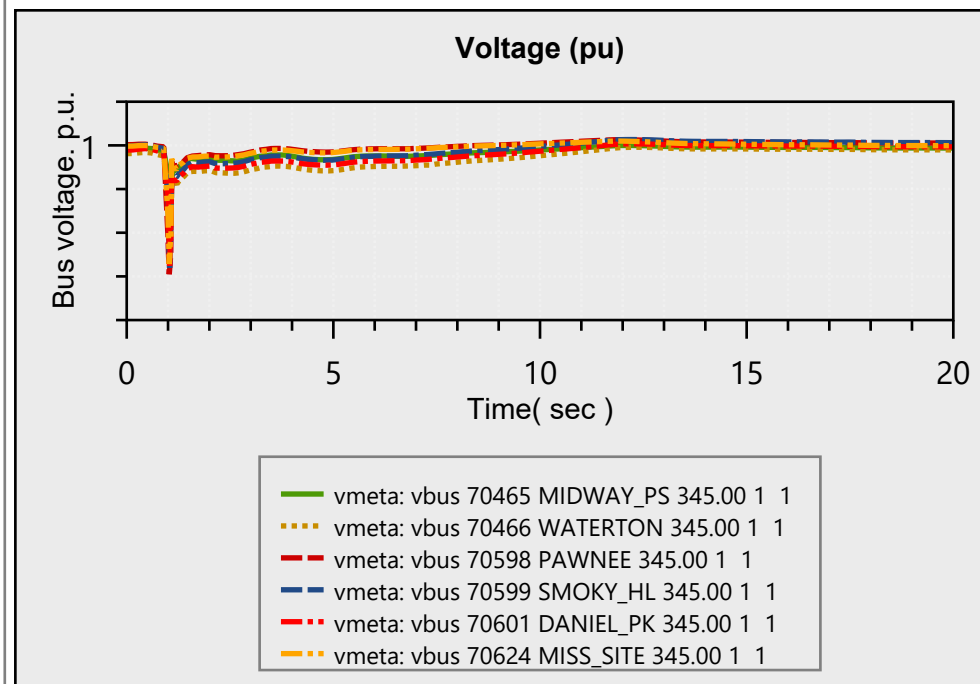
OUTPUTS



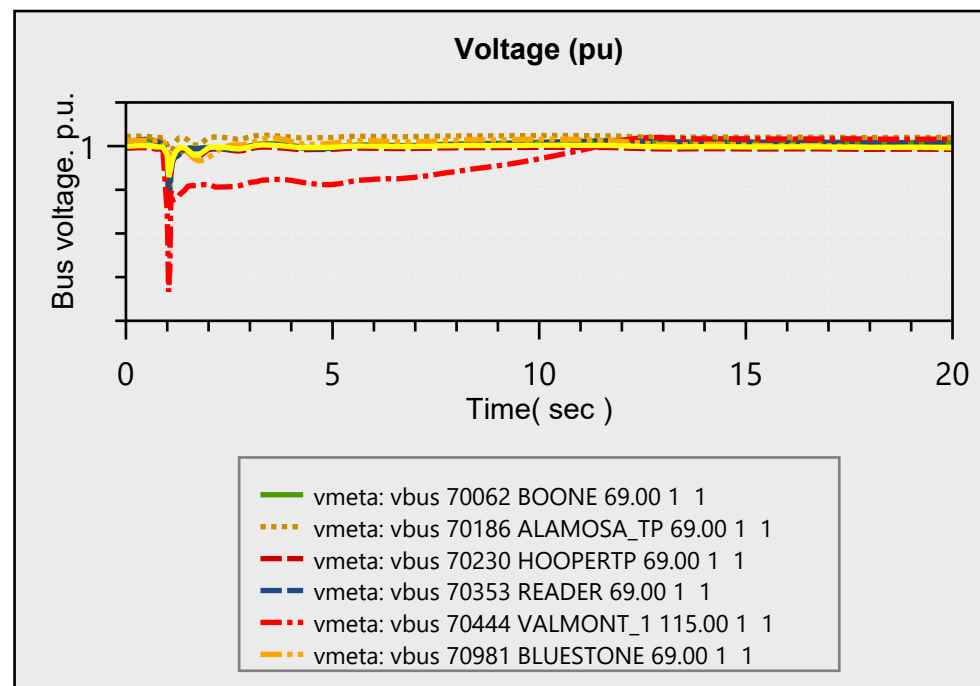
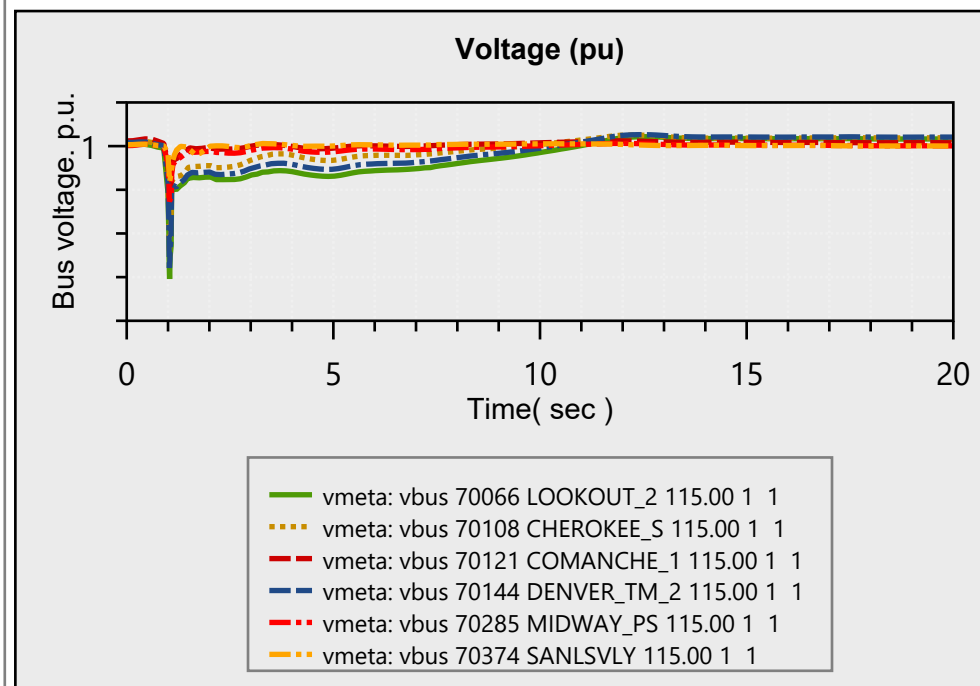
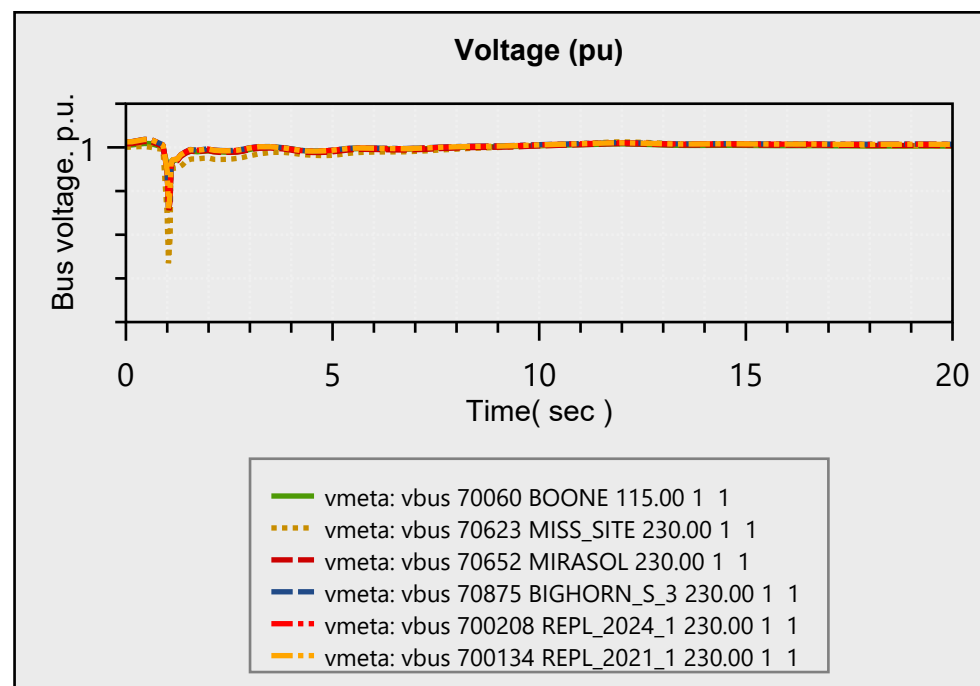
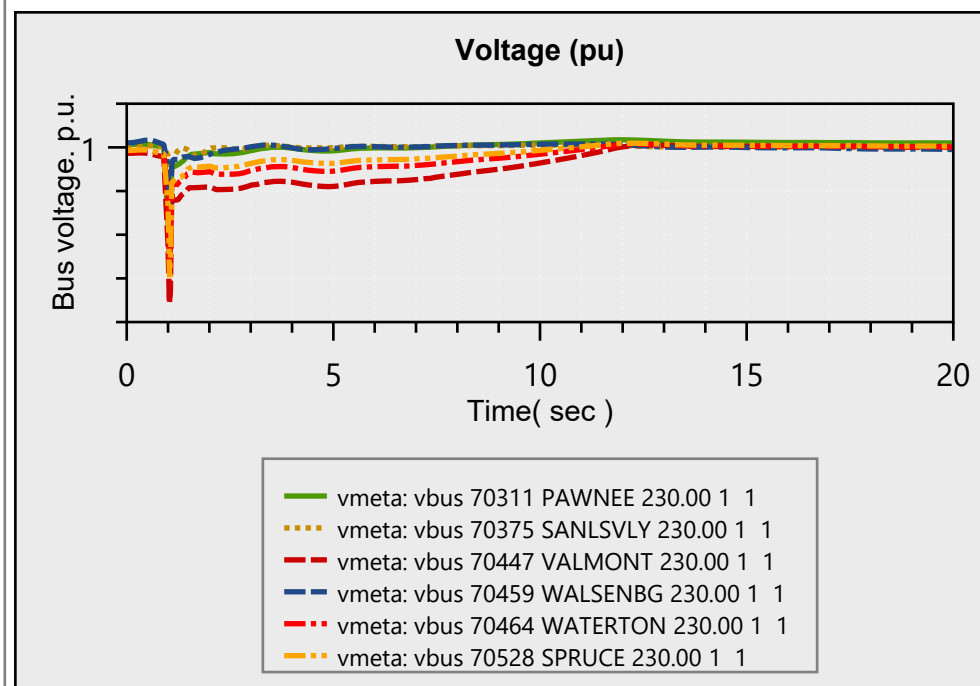
OUTPUTS



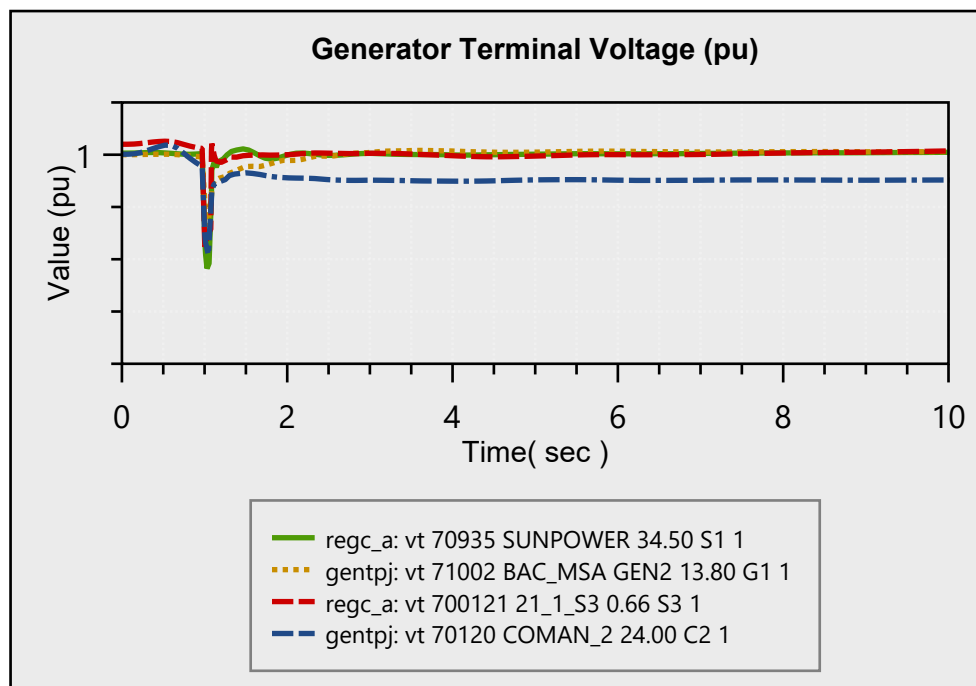
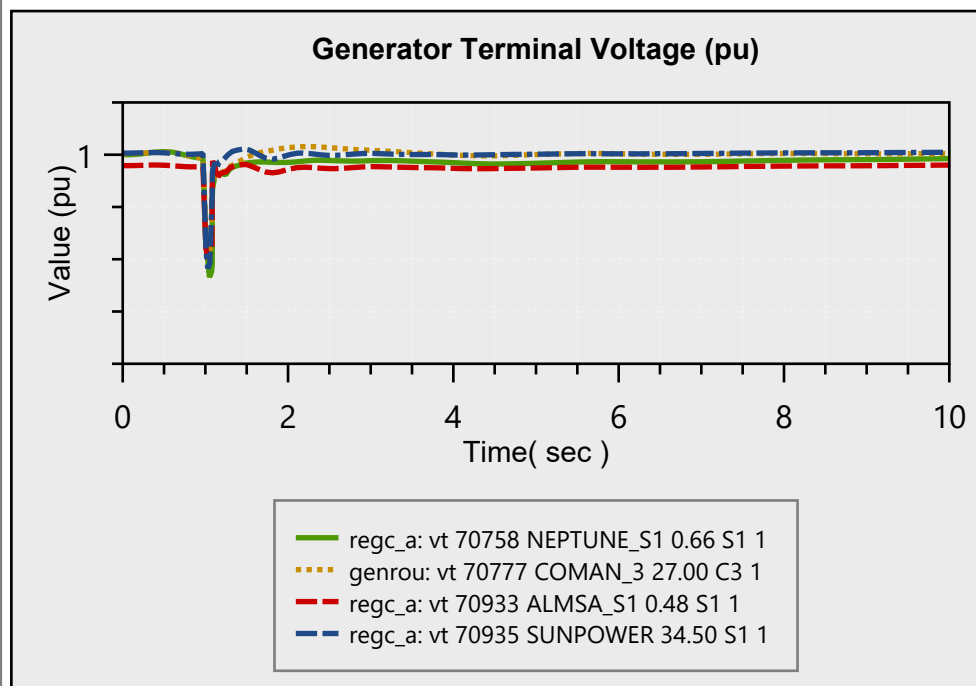
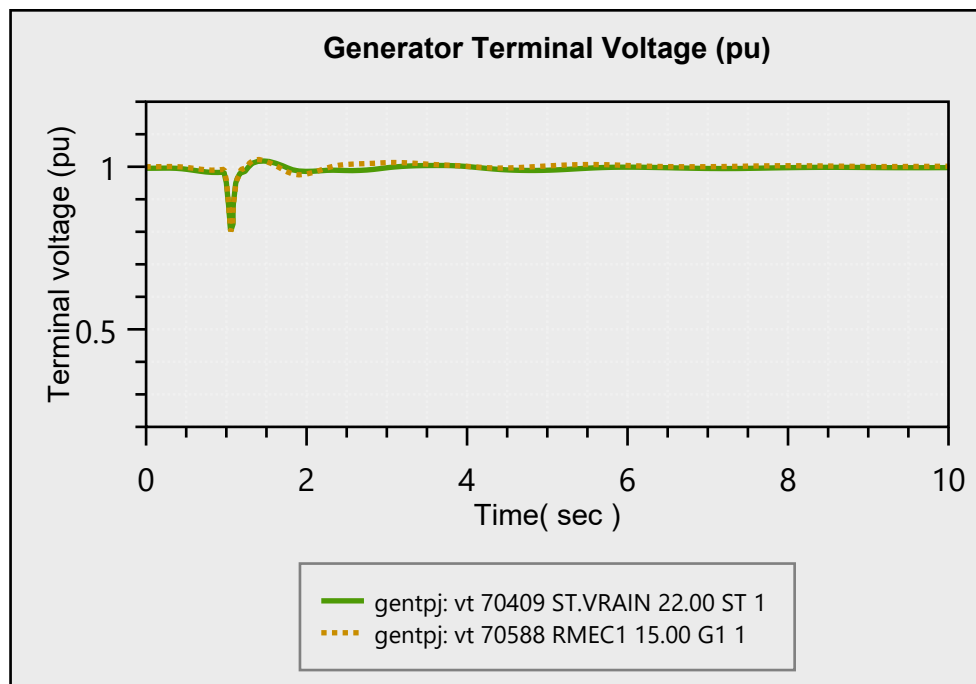
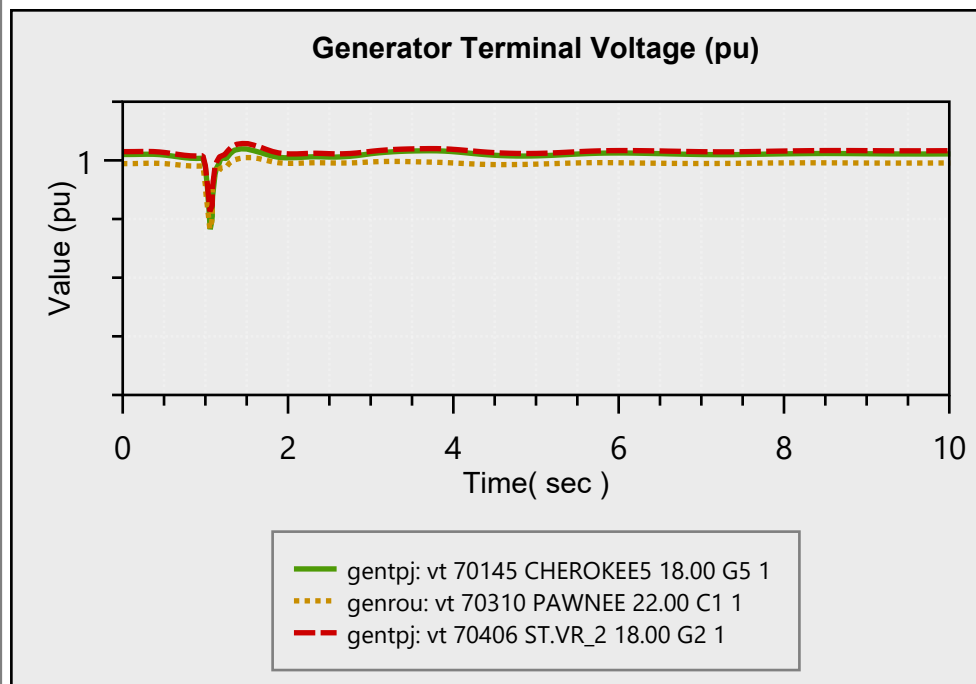
OUTPUTS



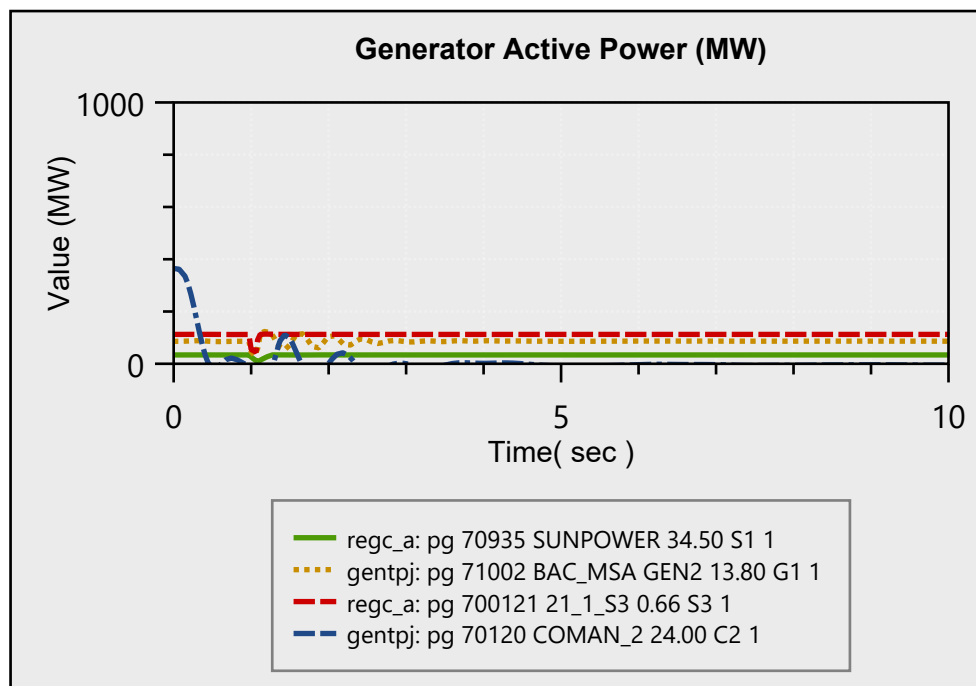
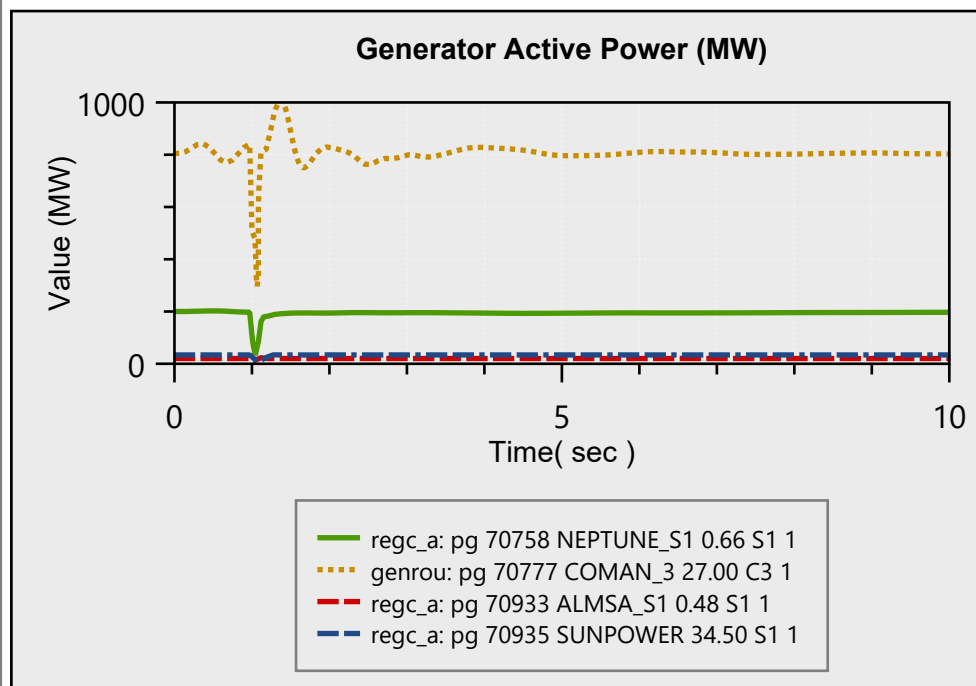
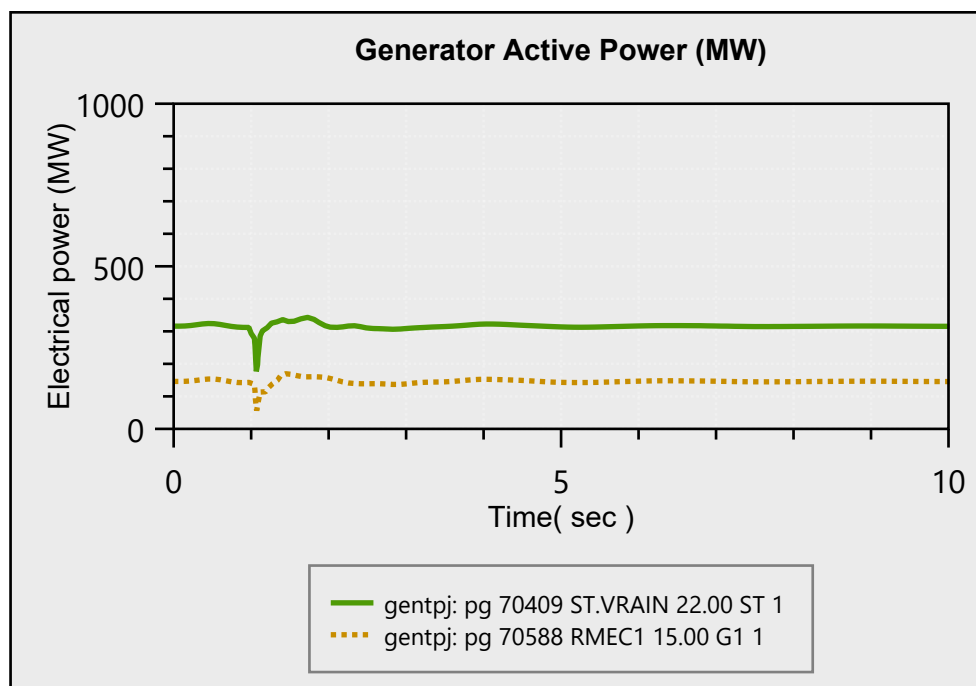
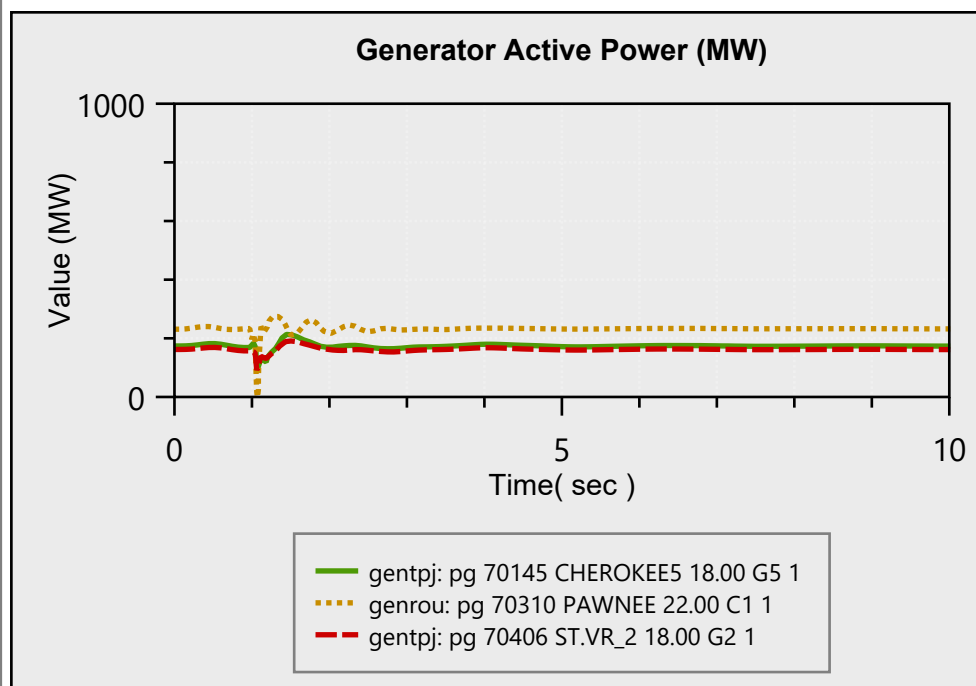
OUTPUTS



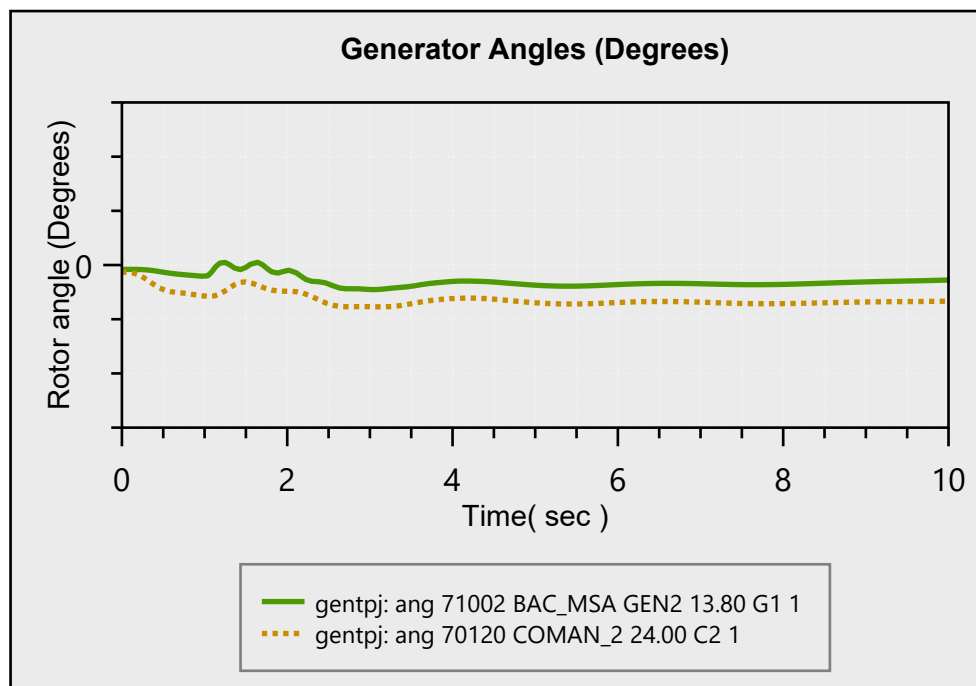
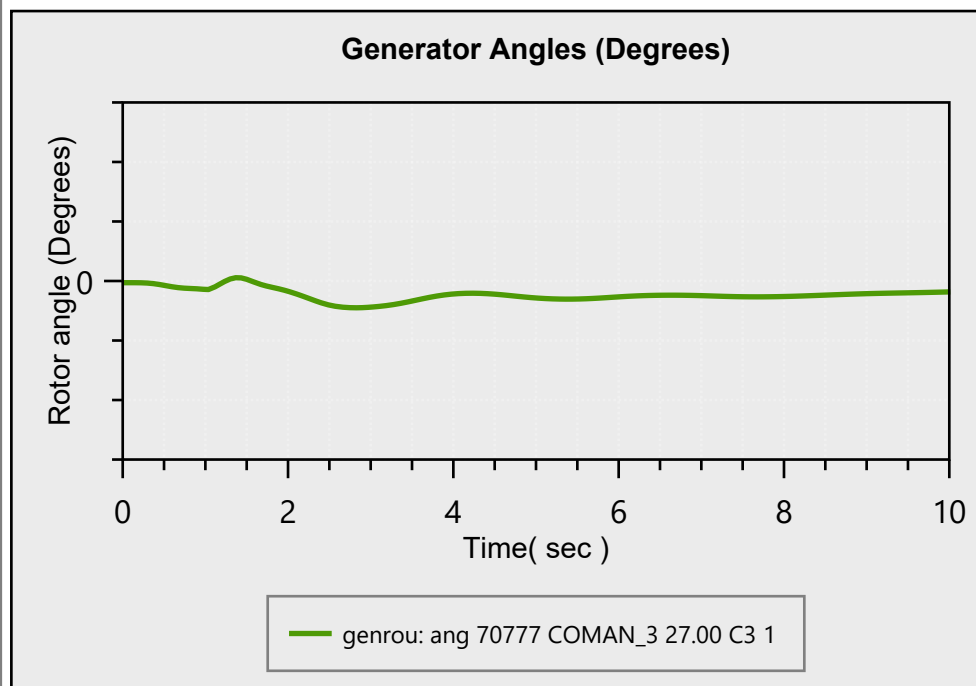
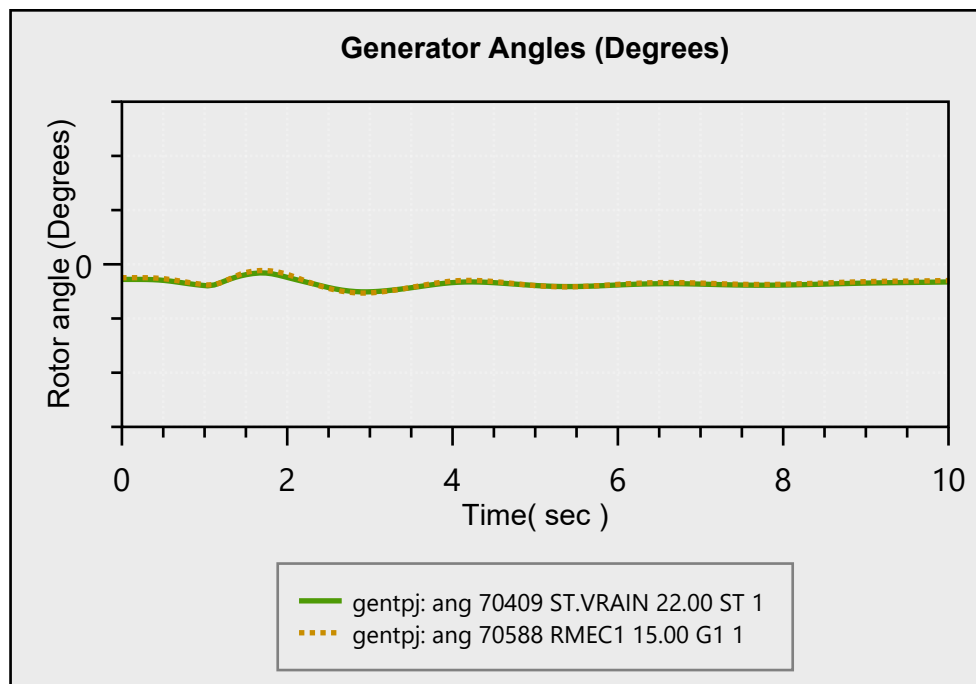
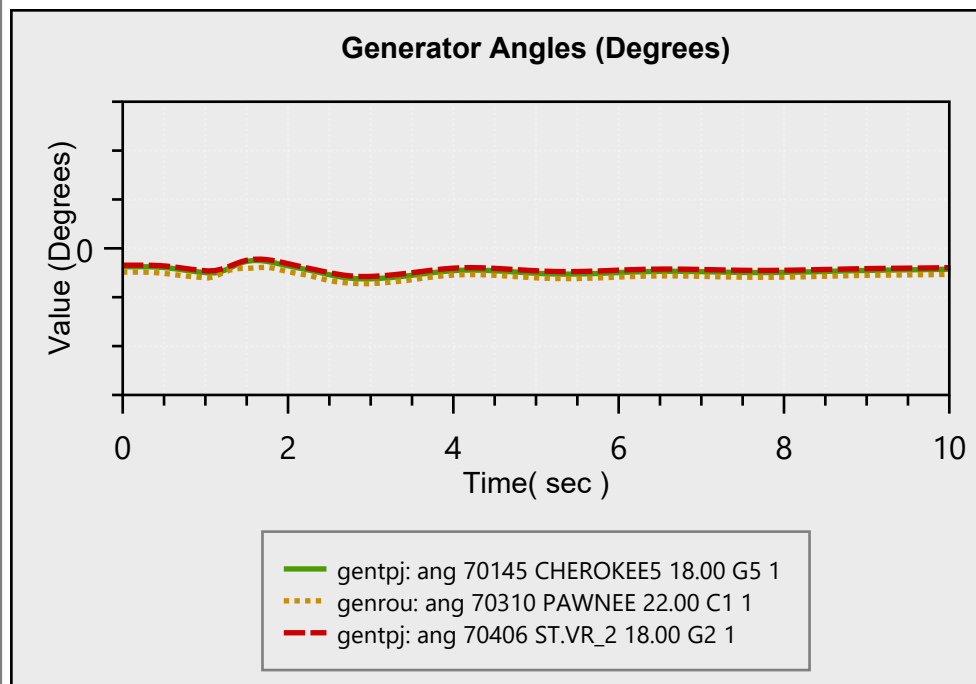
OUTPUTS



OUTPUTS

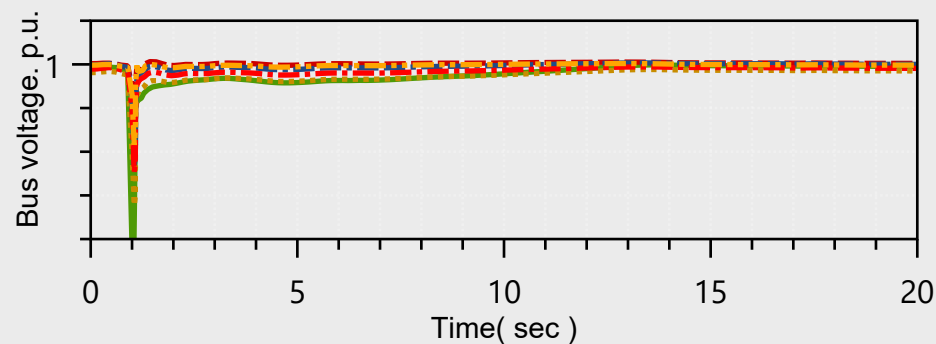


OUTPUTS



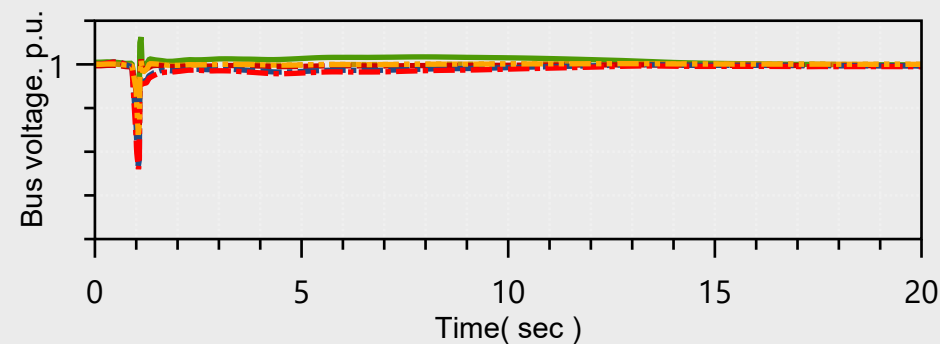
OUTPUTS

Voltage (pu)



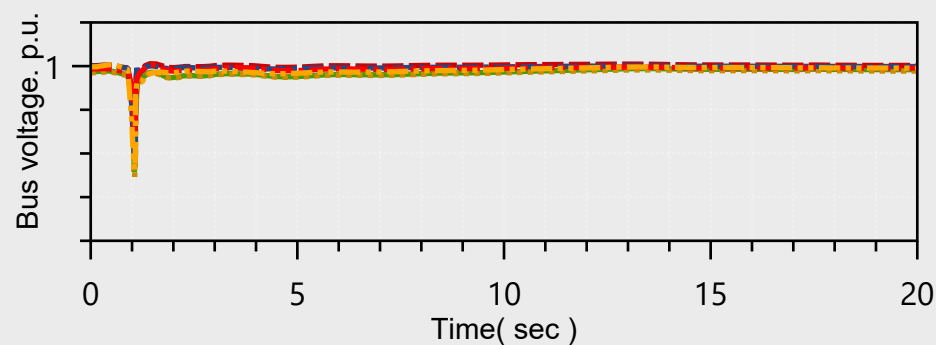
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 vmeta: vbus 70466 WATERTON 345.00 1 1
 vmeta: vbus 70598 PAWNEE 345.00 1 1
 vmeta: vbus 70599 SMOKY_HL 345.00 1 1
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 vmeta: vbus 70624 MISS_SITE 345.00 1 1

Voltage (pu)



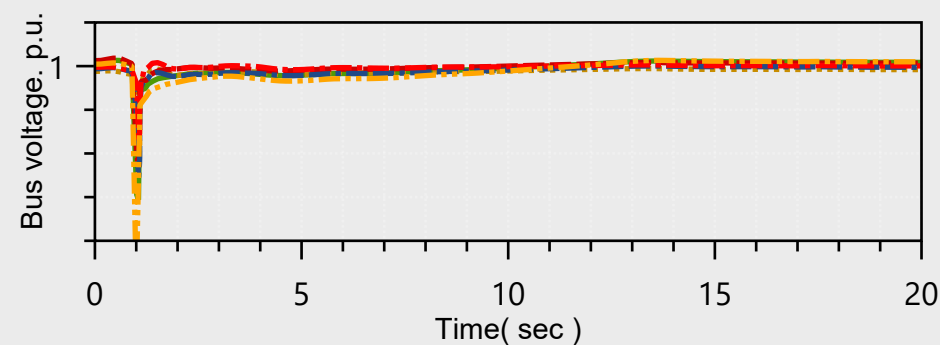
vmeta: vbus 70627 LIMON3 345.00 1 1
 vmeta: vbus 70628 PRONGHORN 345.00 1 1
 vmeta: vbus 70630 SHORTGRASS 345.00 1 1
 vmeta: vbus 70653 TUNDRA 345.00 1 1
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 vmeta: vbus 70764 RUSHCK1_W1W2 345.00 1 1

Voltage (pu)



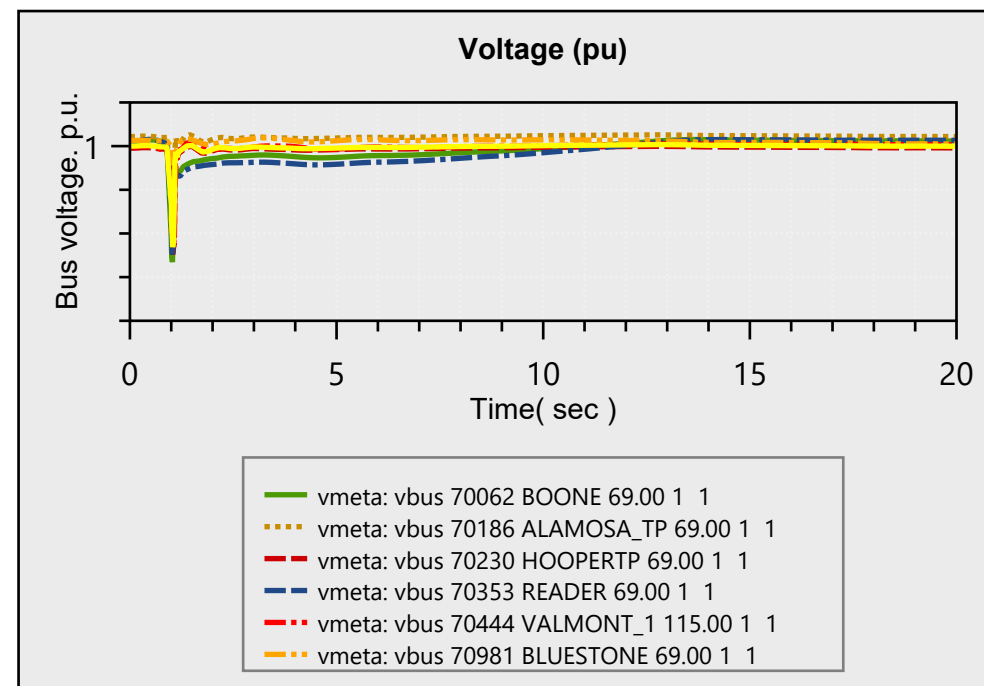
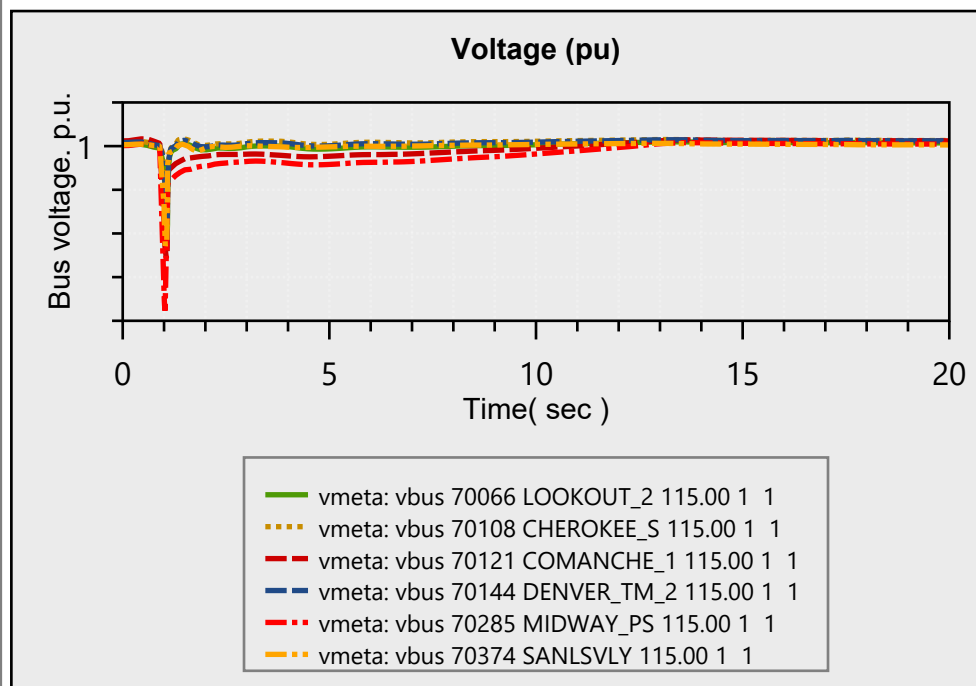
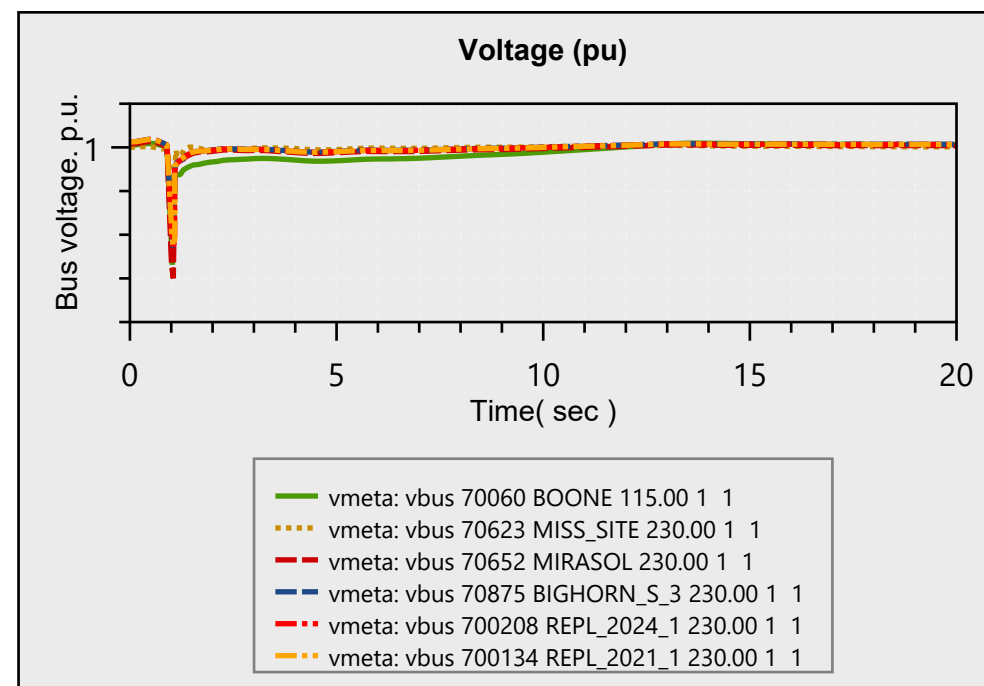
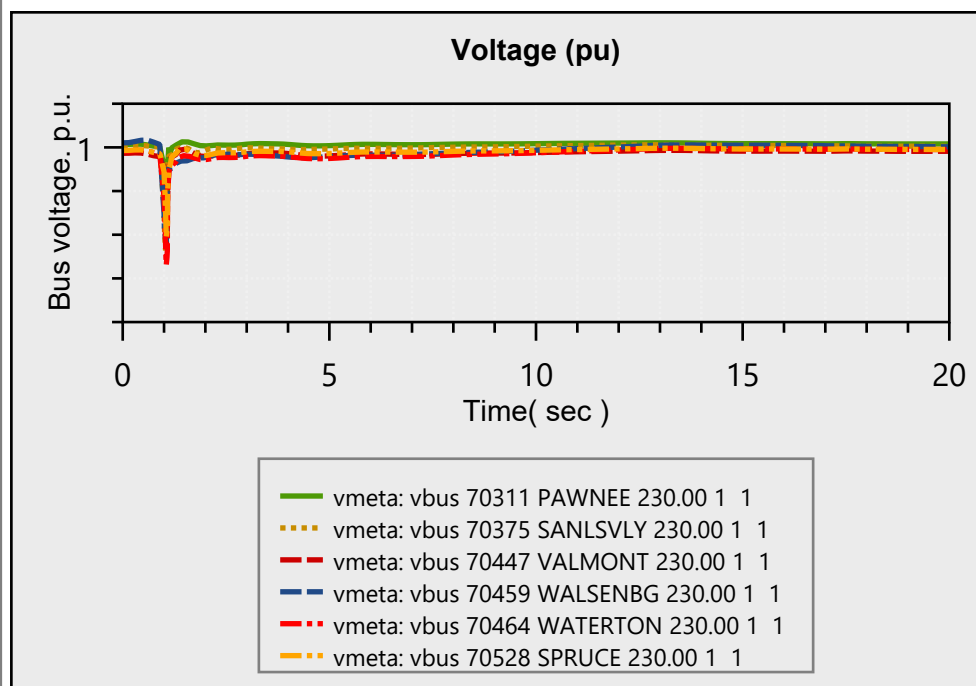
vmeta: vbus 70018 SODA_LAKES 230.00 1 1
 vmeta: vbus 70038 ARAPAHOE 230.00 1 1
 vmeta: vbus 70915 CANAL_XING 345.00 1 1
 vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
 vmeta: vbus 70916 FT_ST_VRAIN 345.00 1 1
 vmeta: vbus 70921 SANDSTONE 345.00 1 1

Voltage (pu)

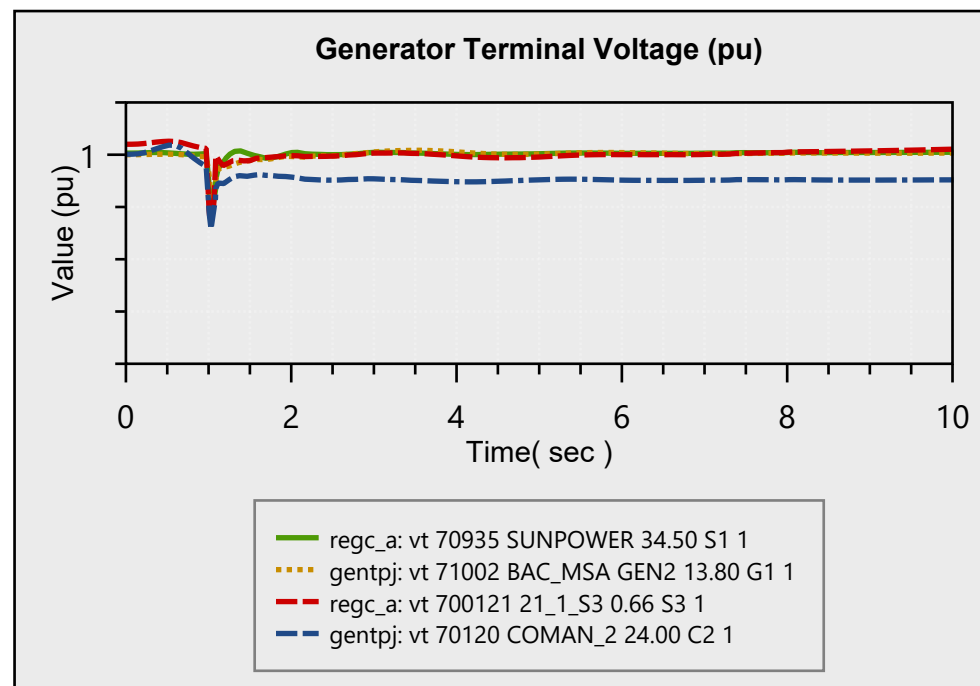
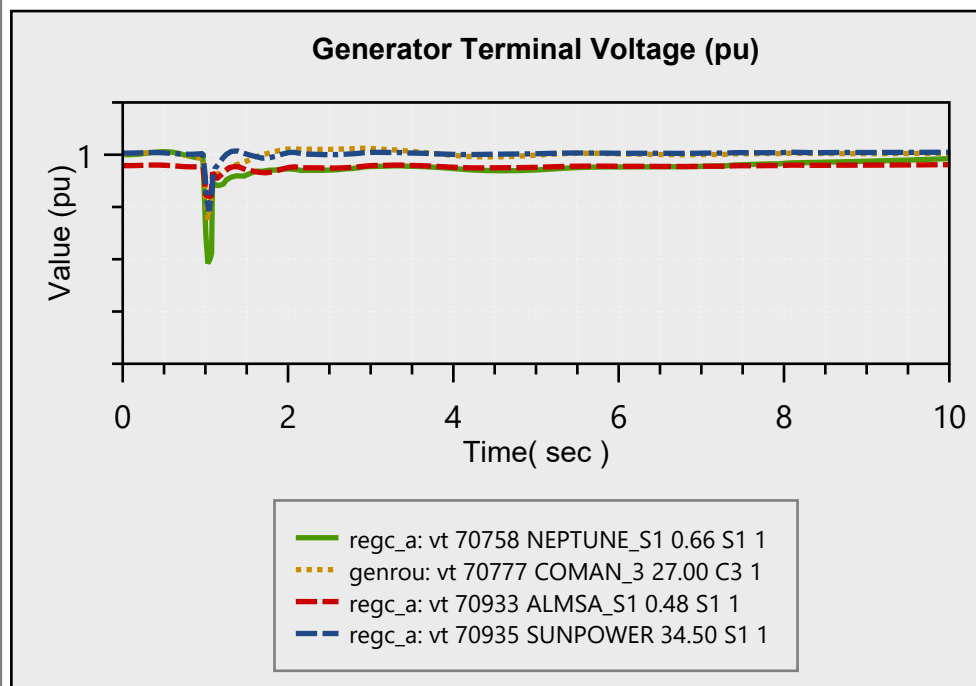
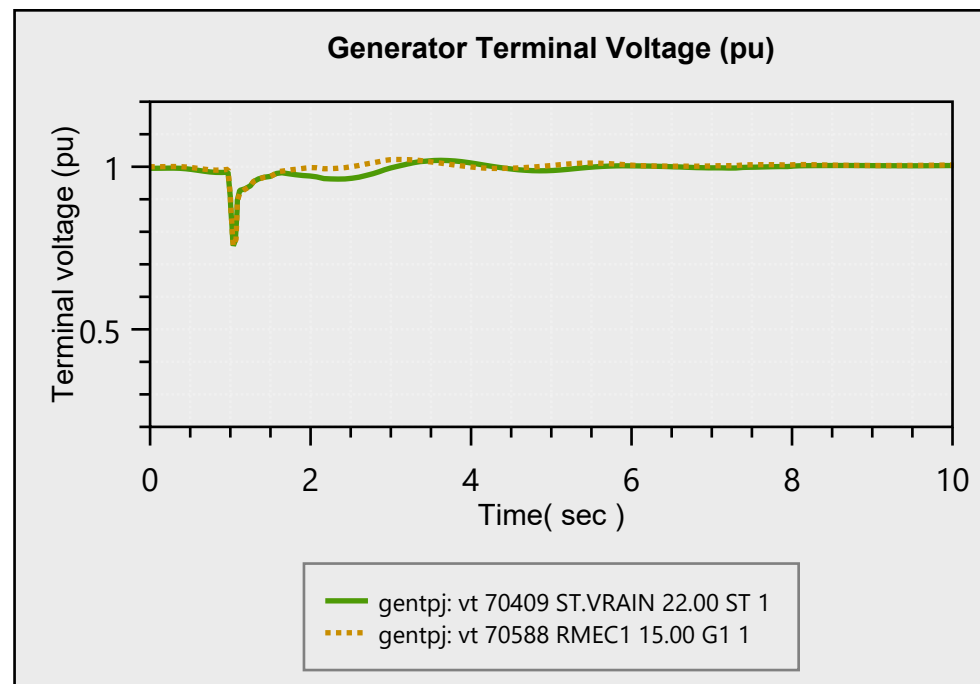
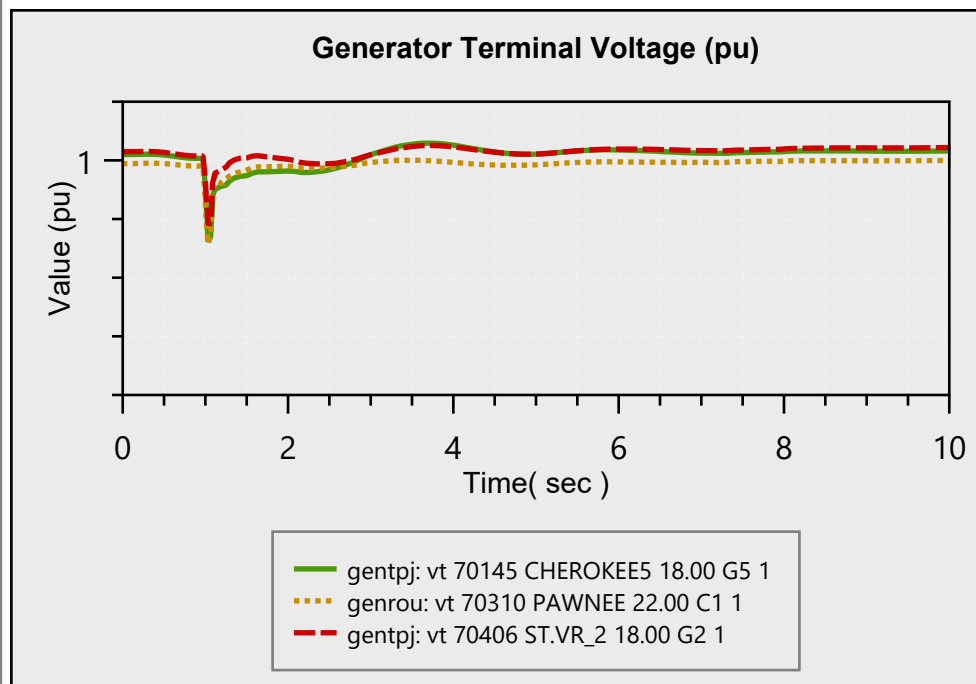


vmeta: vbus 70061 BOONE 230.00 1 1
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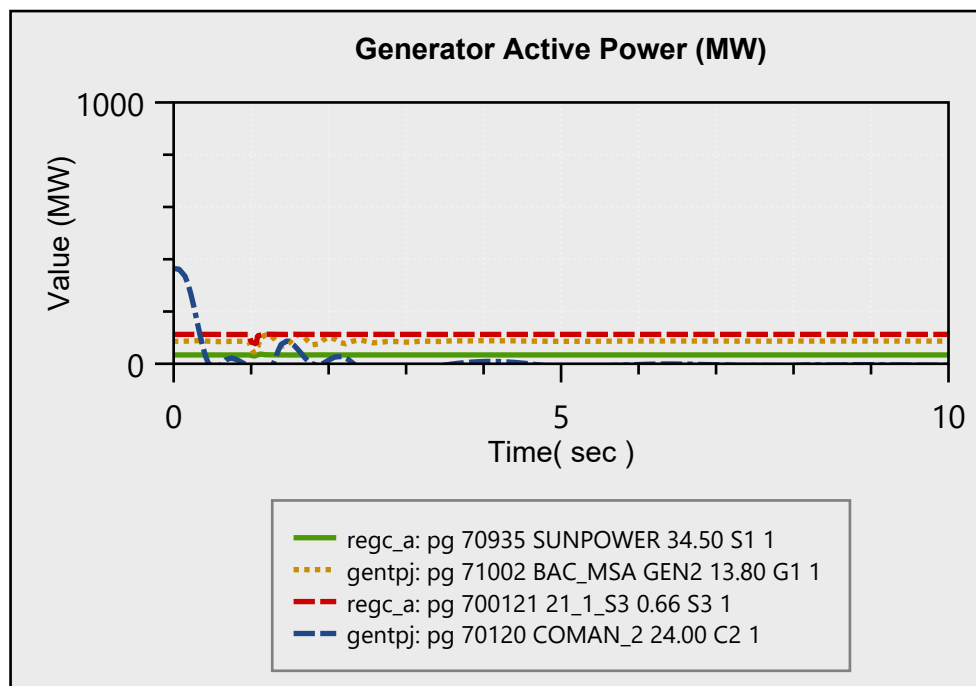
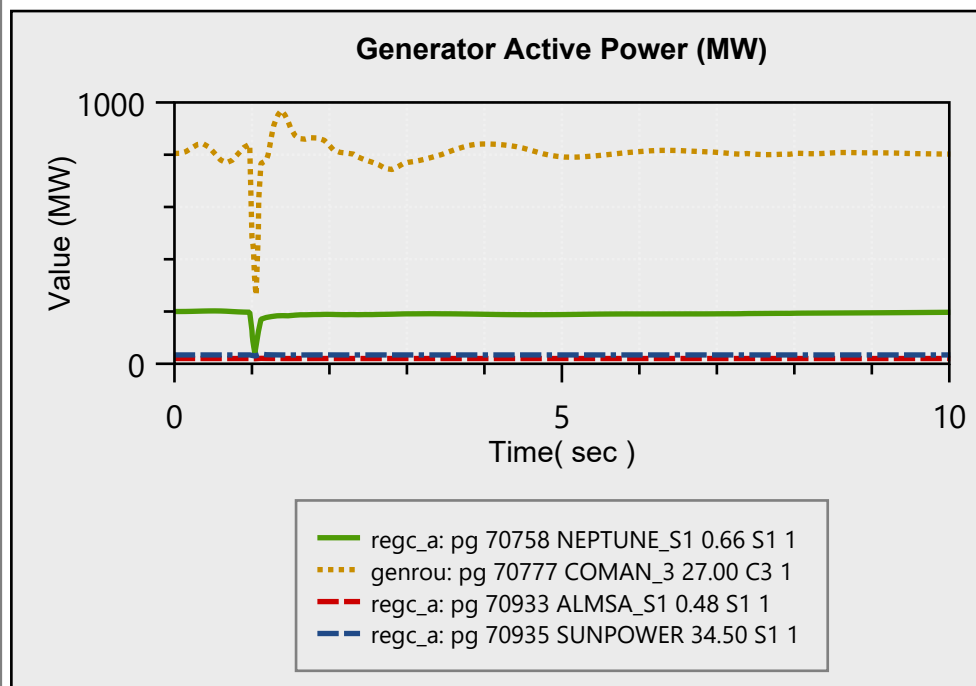
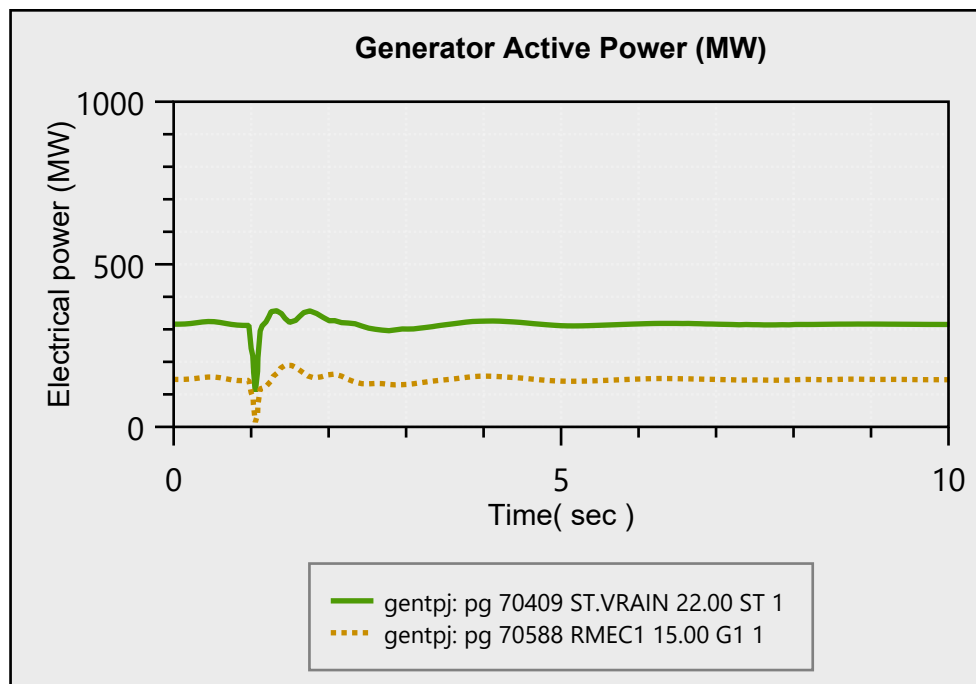
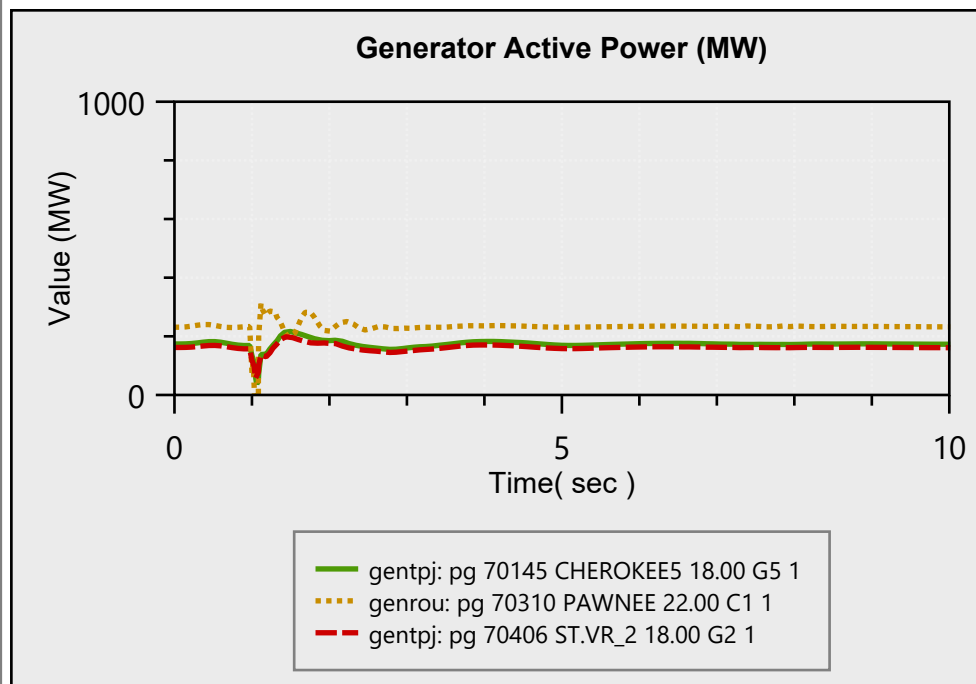
OUTPUTS



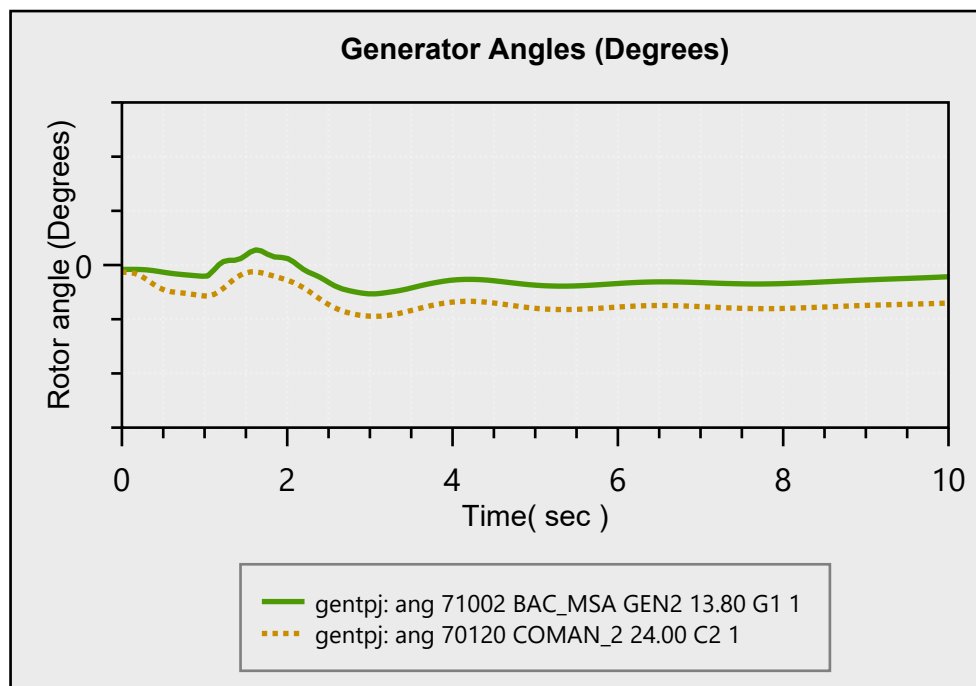
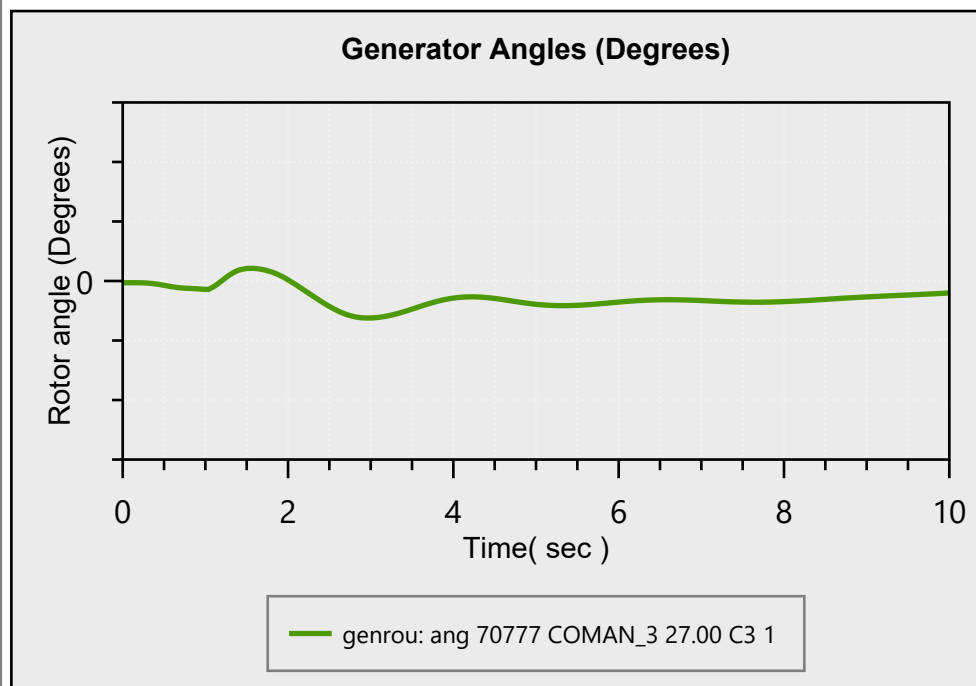
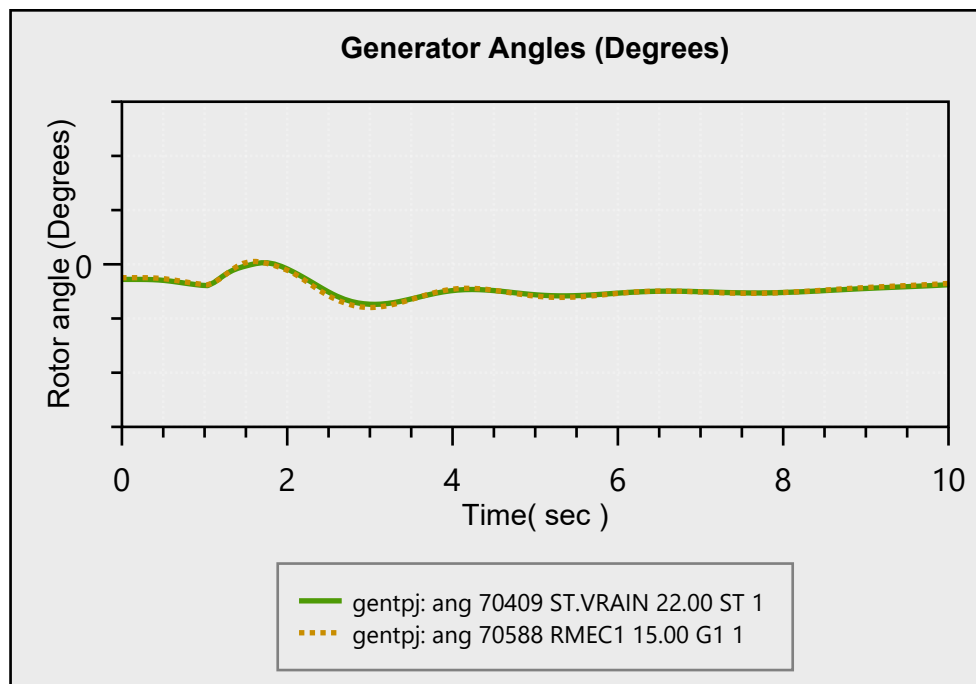
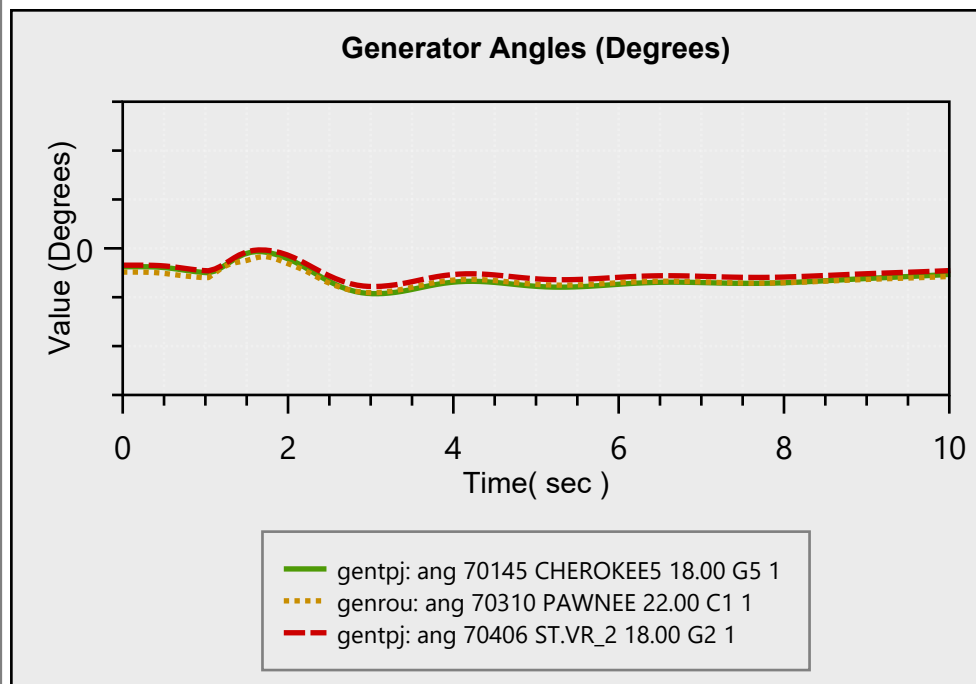
OUTPUTS



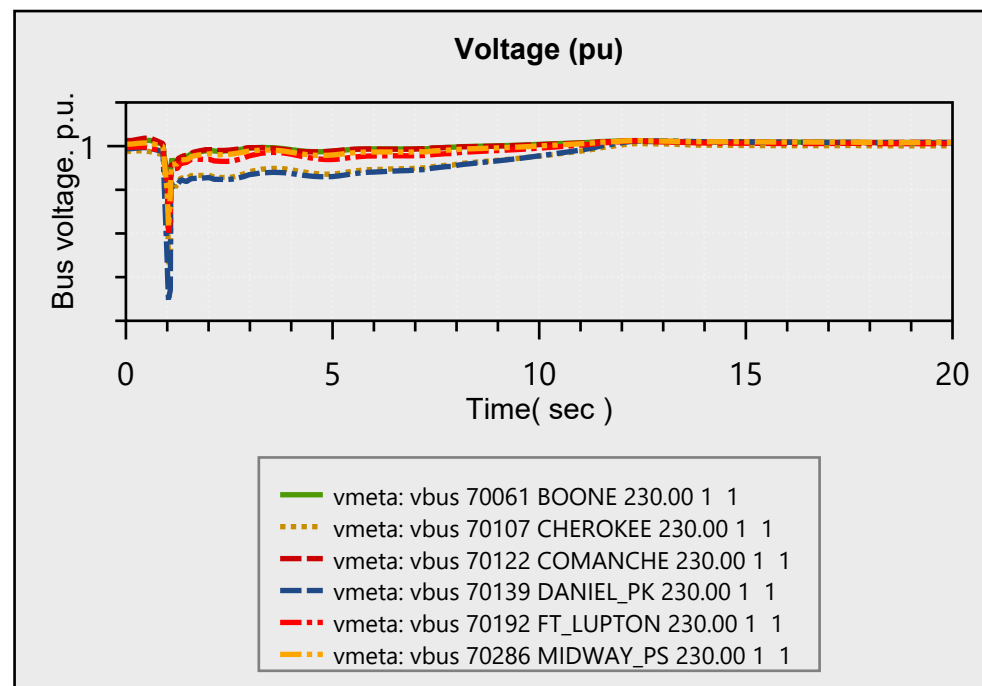
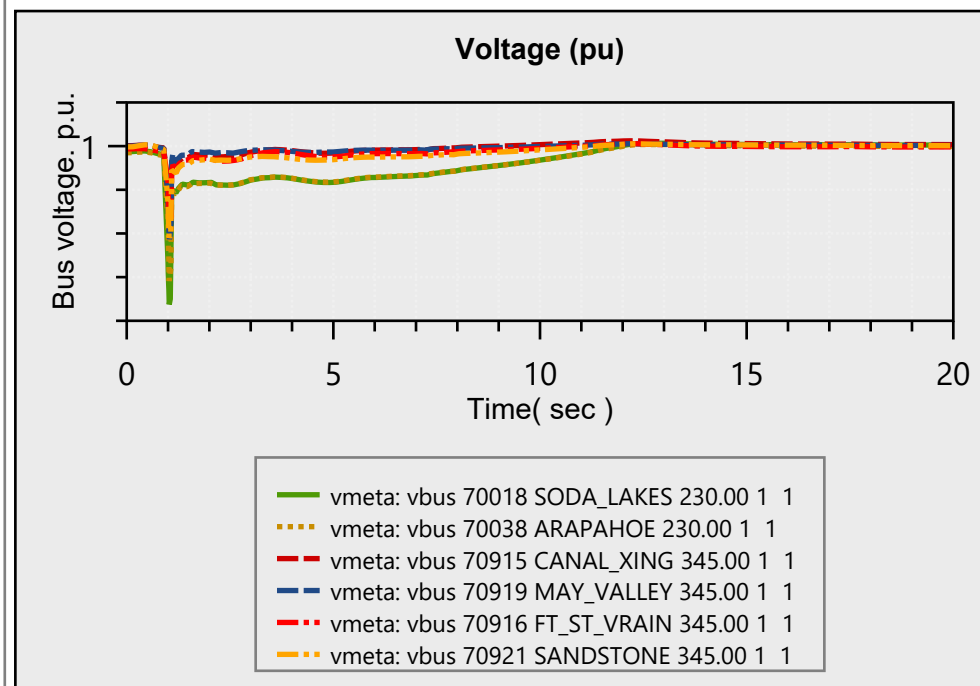
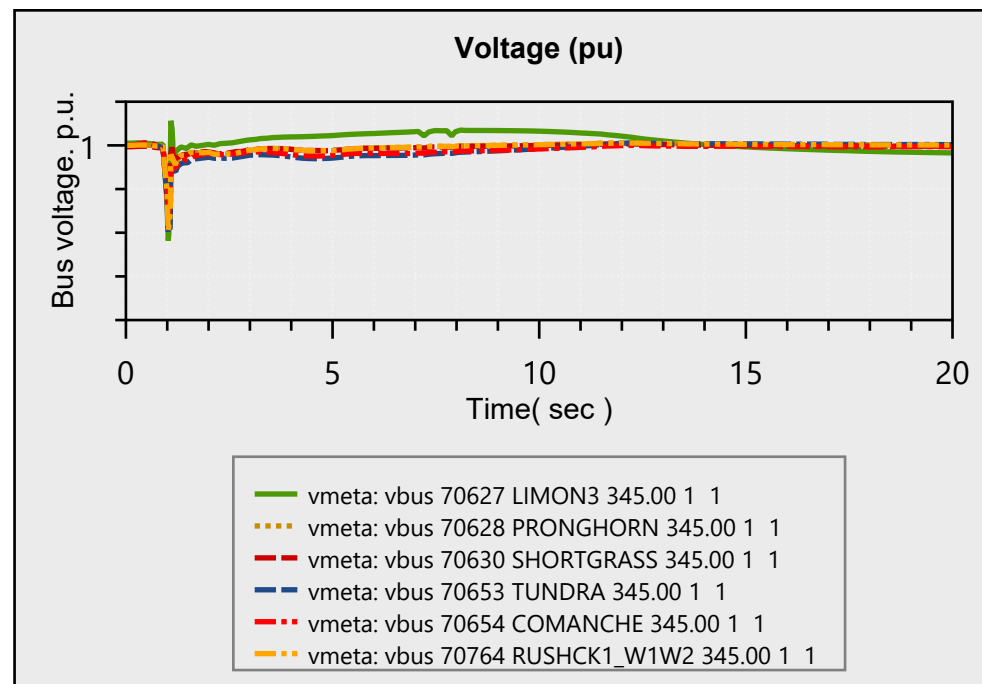
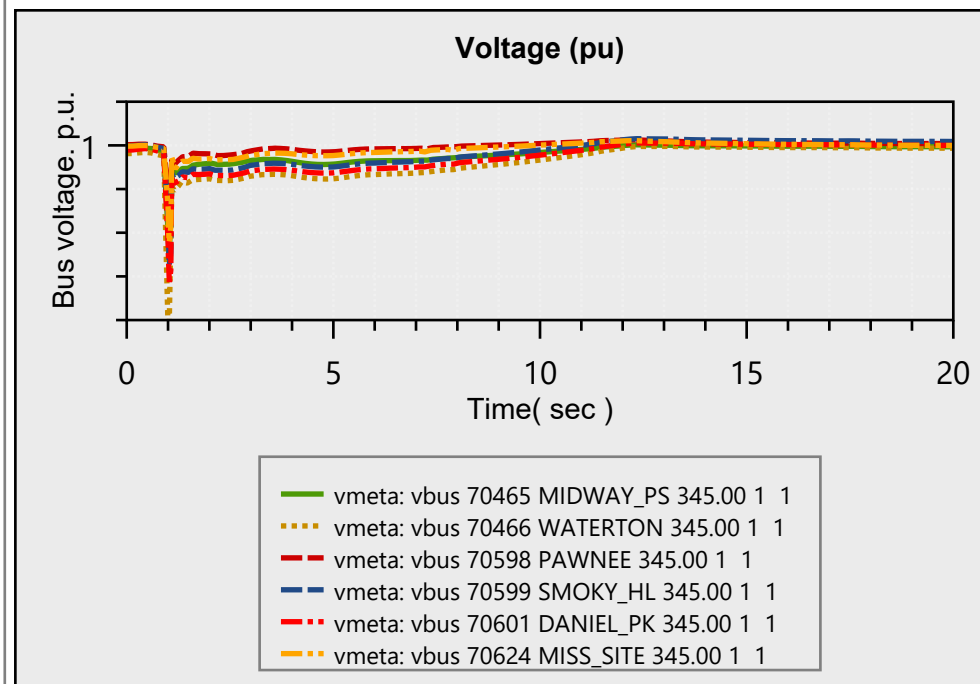
OUTPUTS



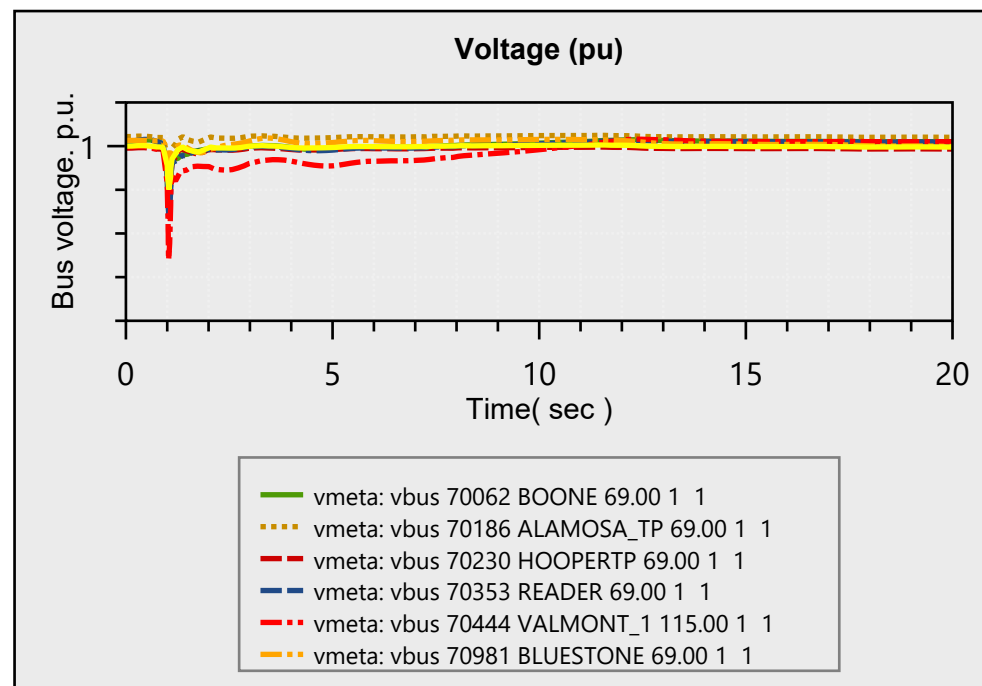
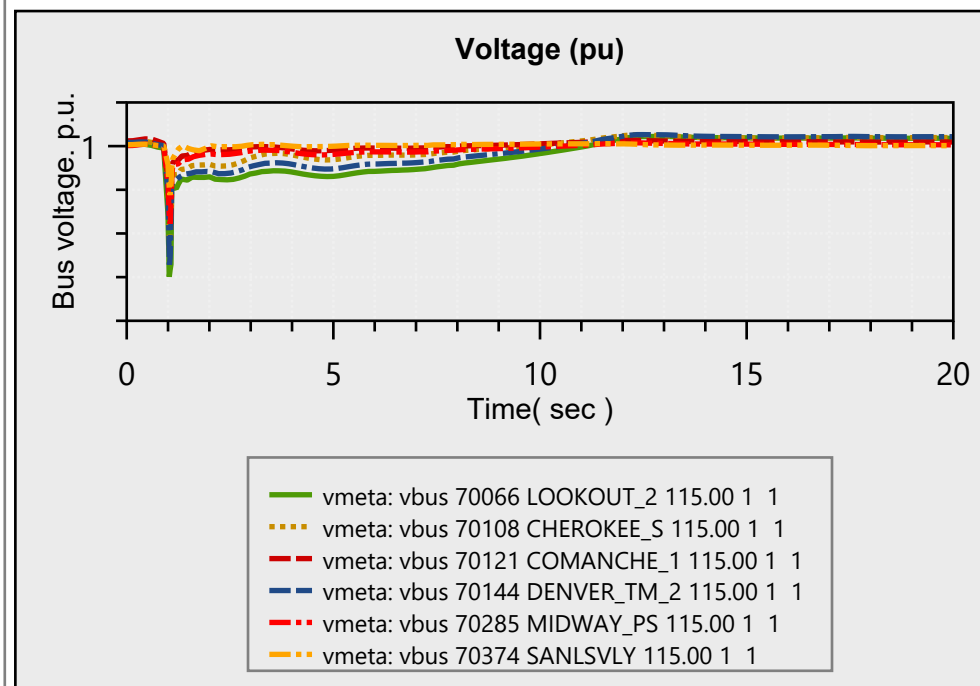
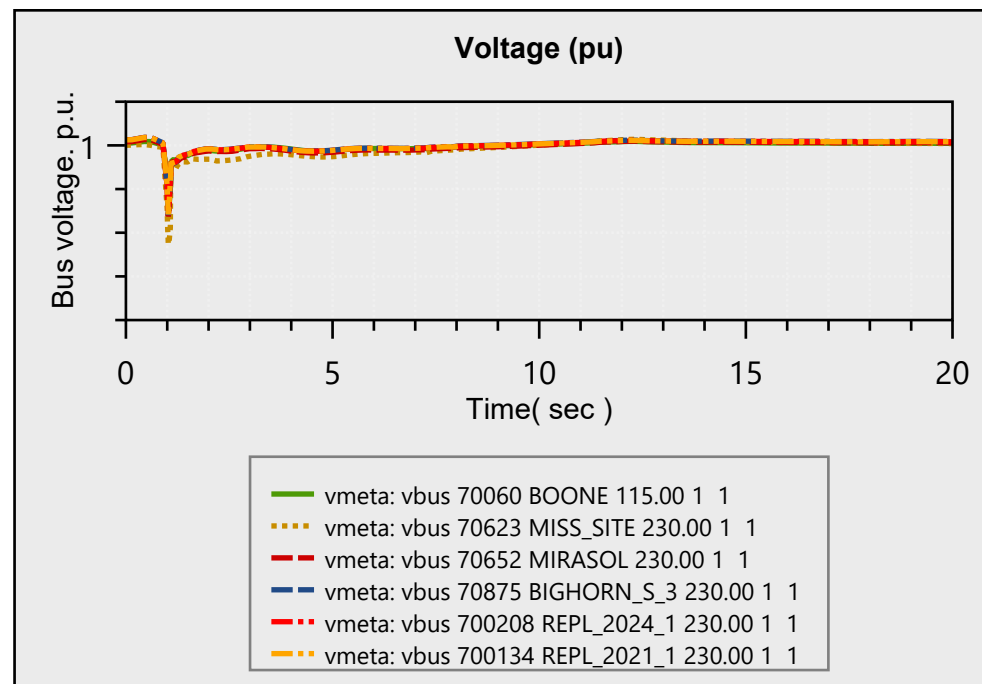
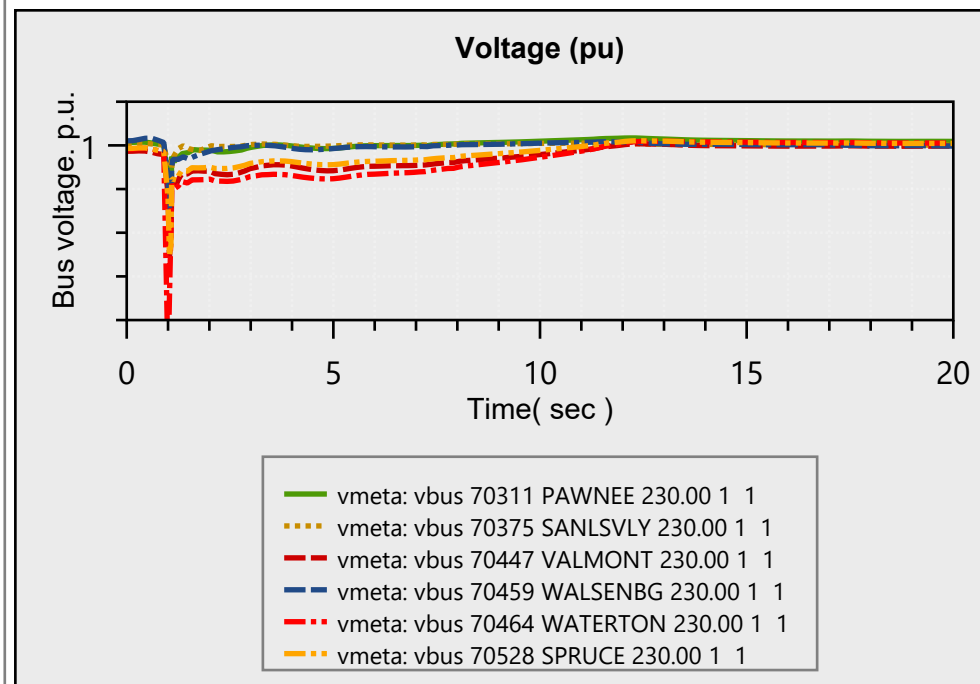
OUTPUTS



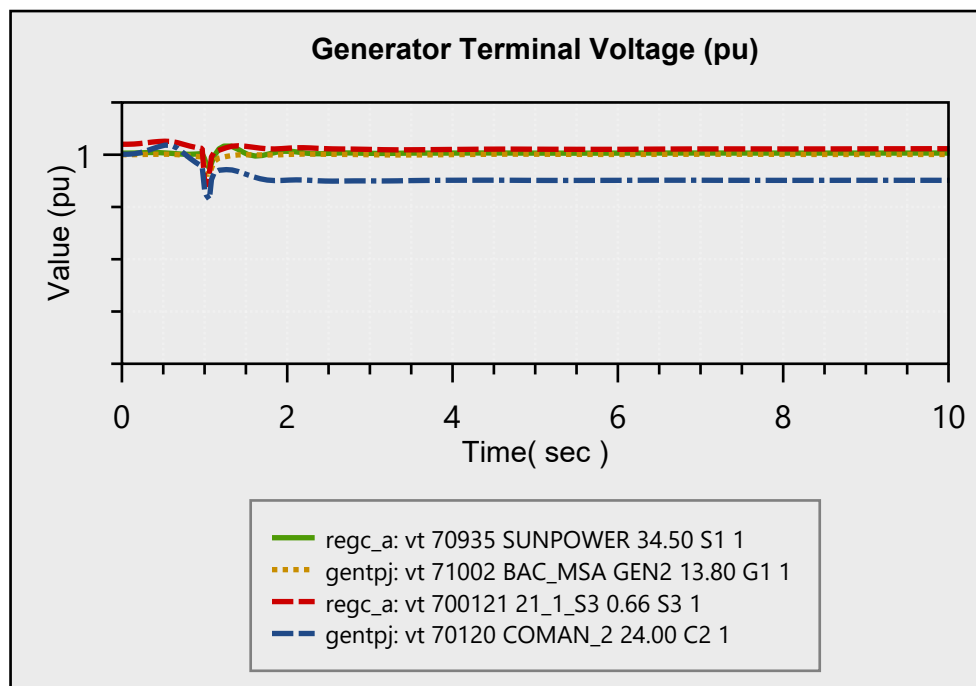
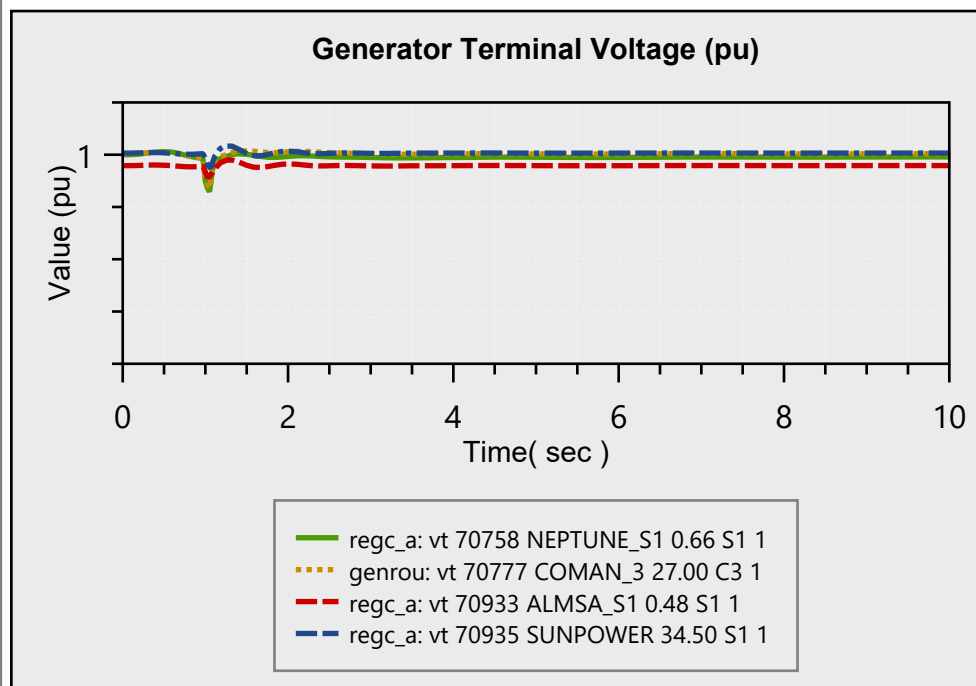
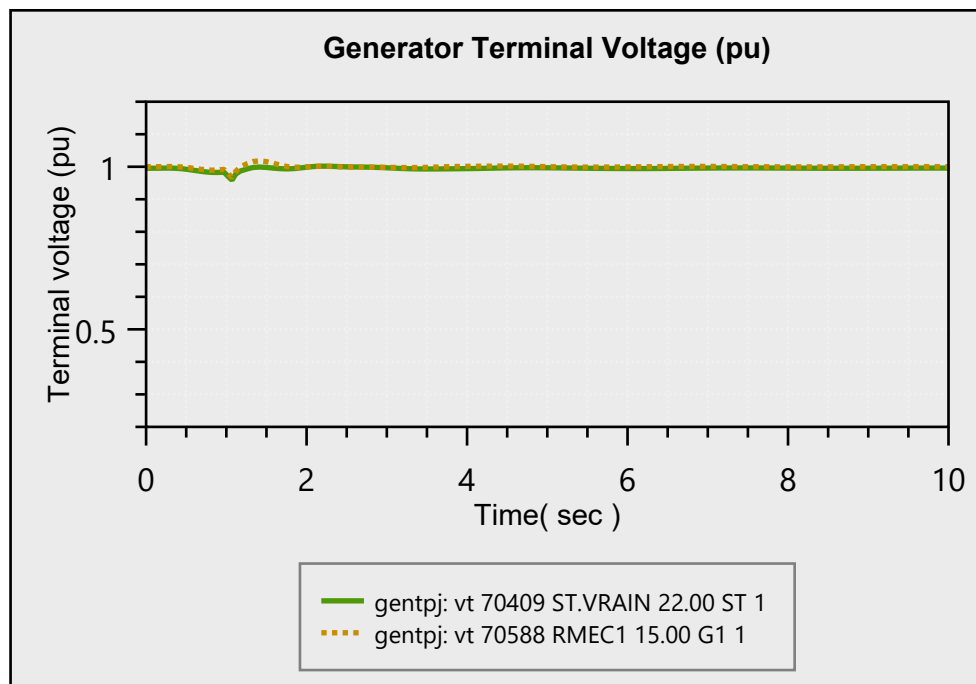
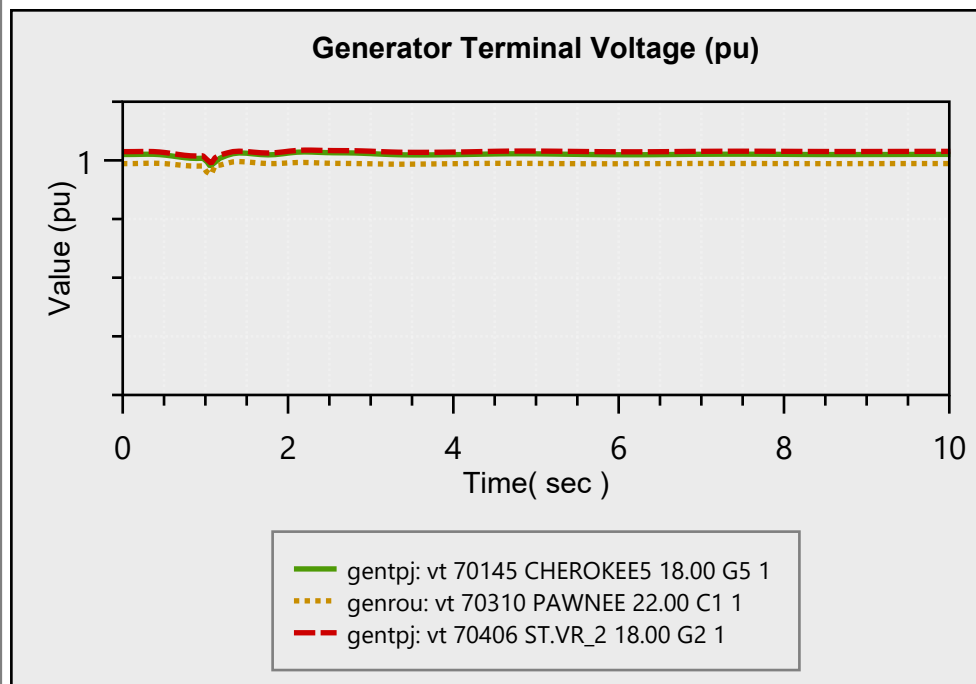
OUTPUTS



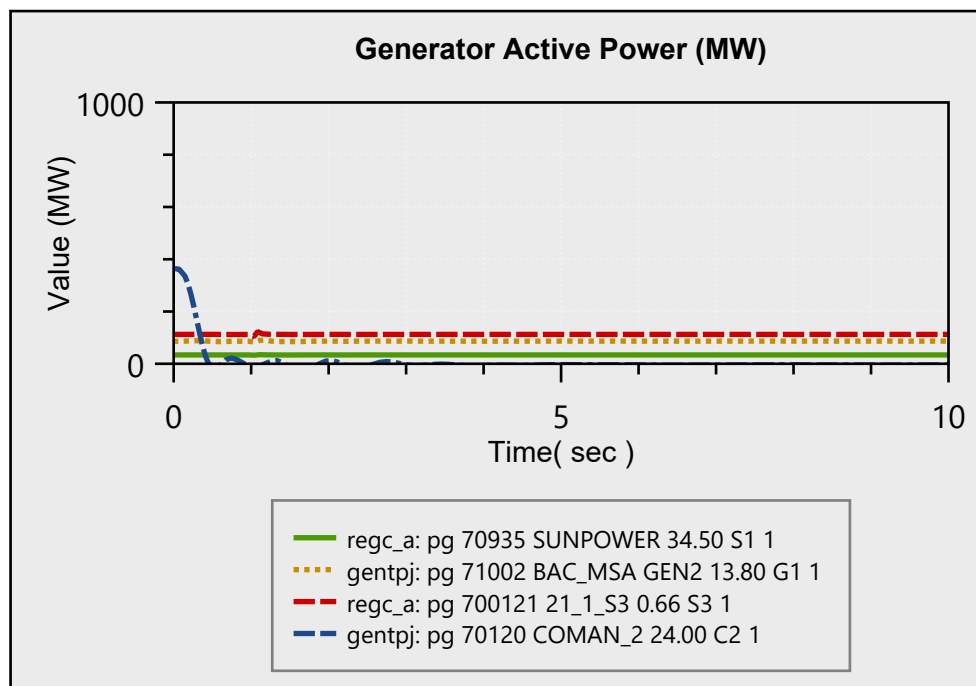
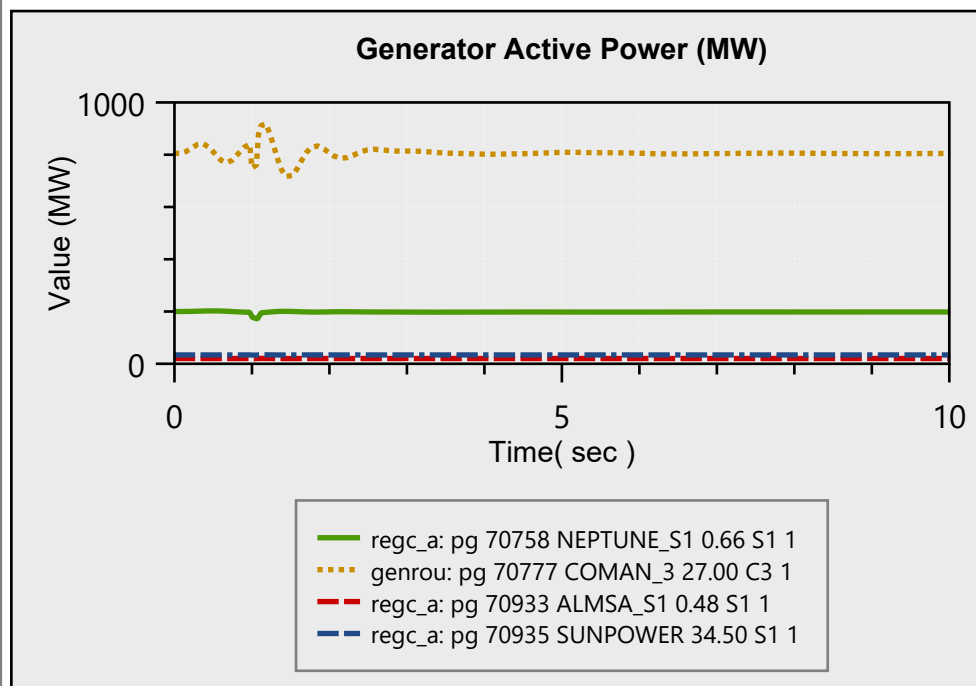
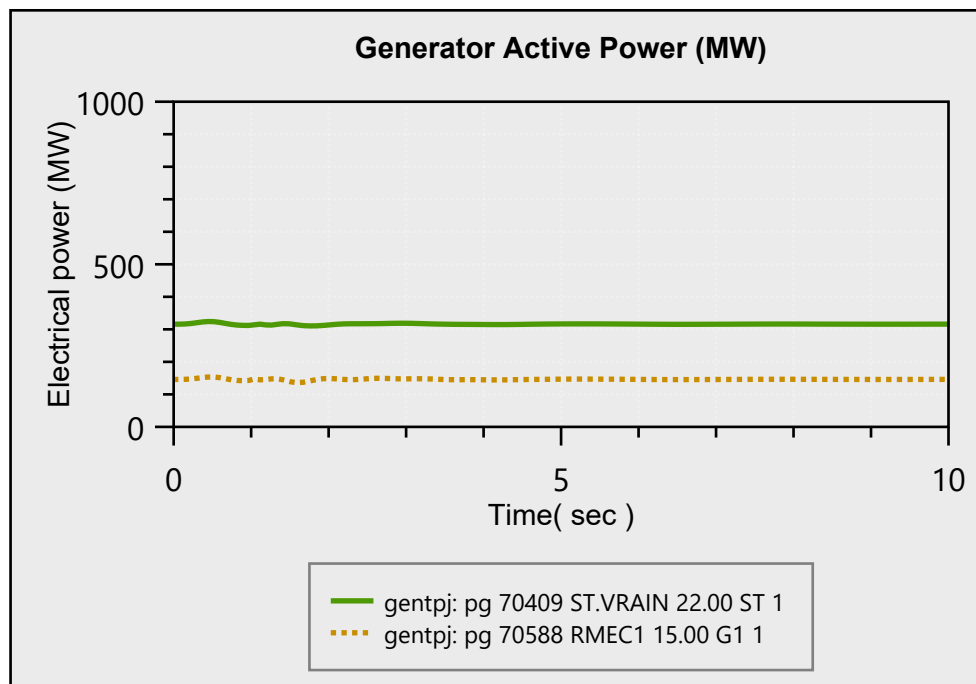
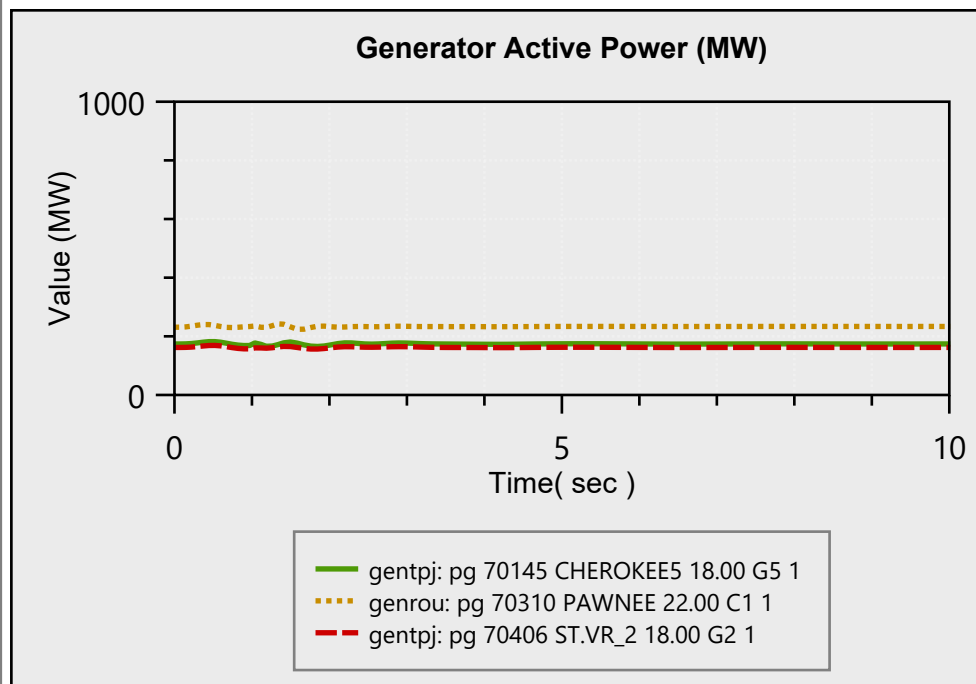
OUTPUTS



OUTPUTS

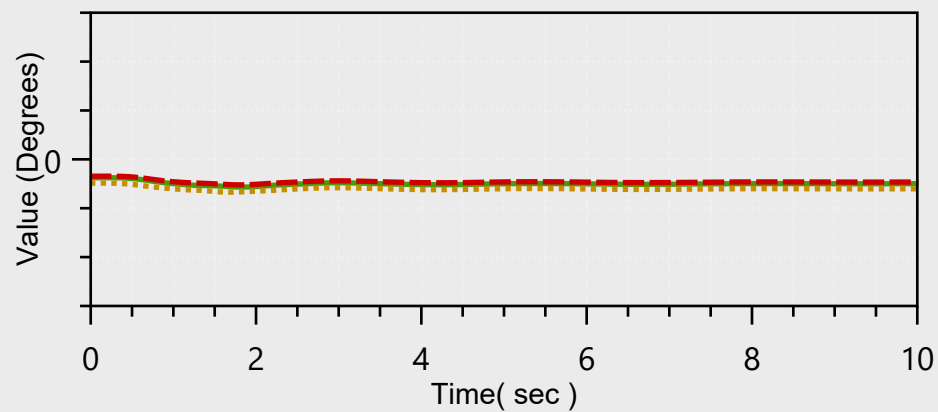


OUTPUTS

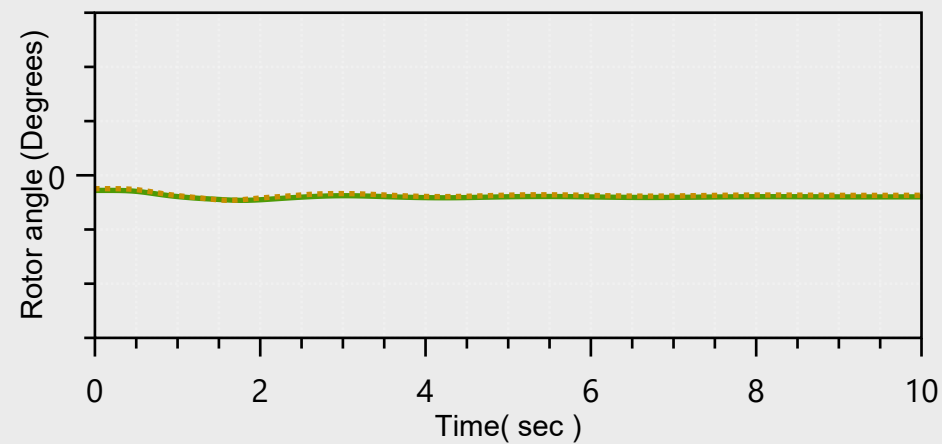


OUTPUTS

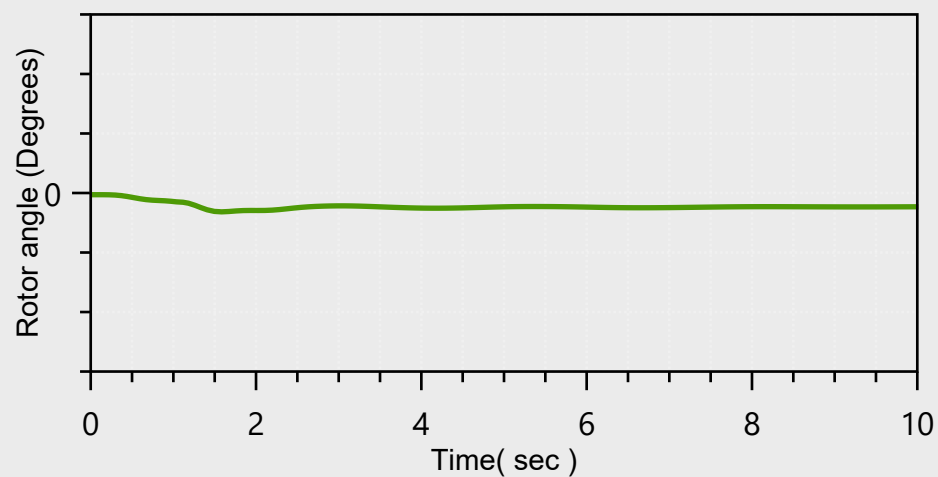
Generator Angles (Degrees)



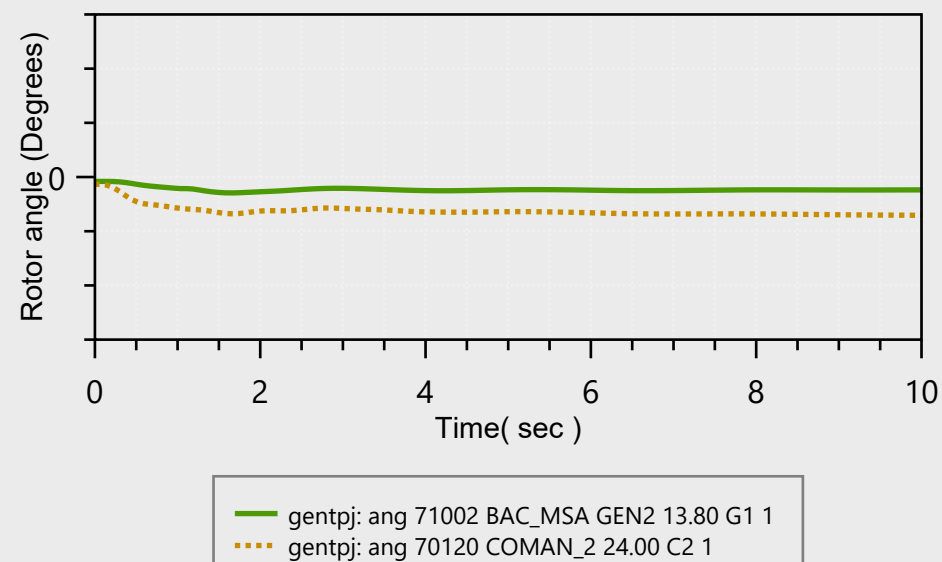
Generator Angles (Degrees)



Generator Angles (Degrees)

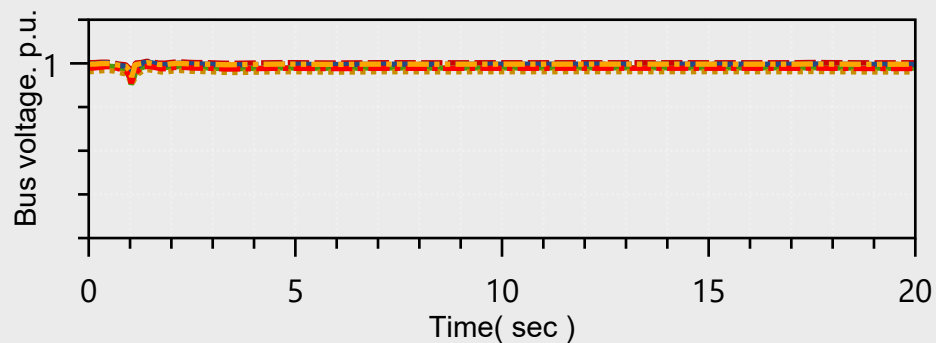


Generator Angles (Degrees)



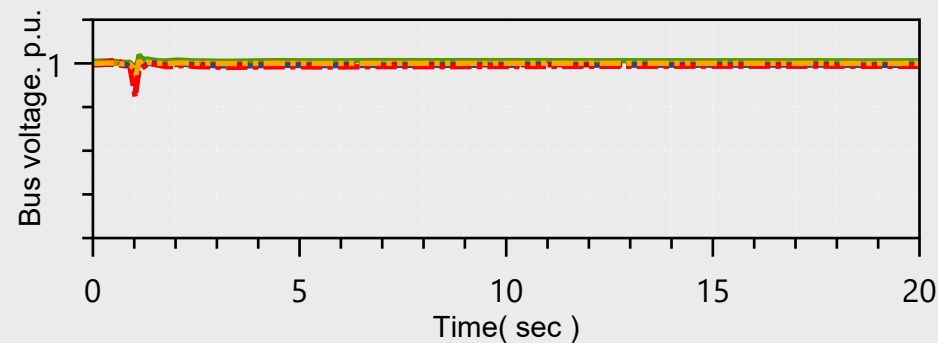
OUTPUTS

Voltage (pu)



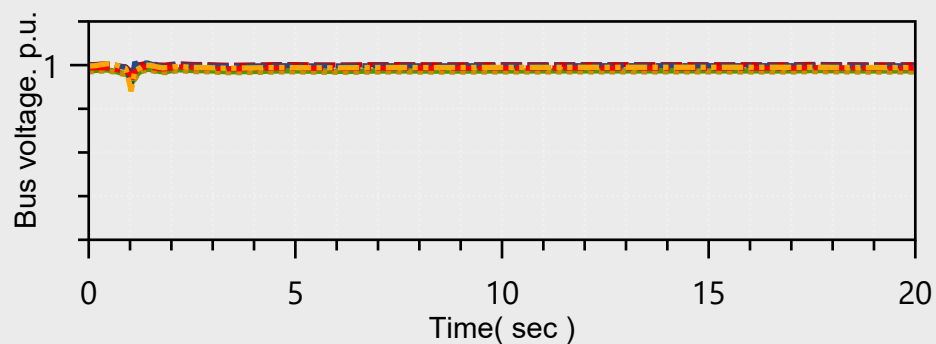
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 vmeta: vbus 70598 PAWNEE 345.00 1 1
 vmeta: vbus 70599 SMOKY_HL 345.00 1 1
 vmeta: vbus 70601 DANIEL_PK 345.00 1 1
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Voltage (pu)



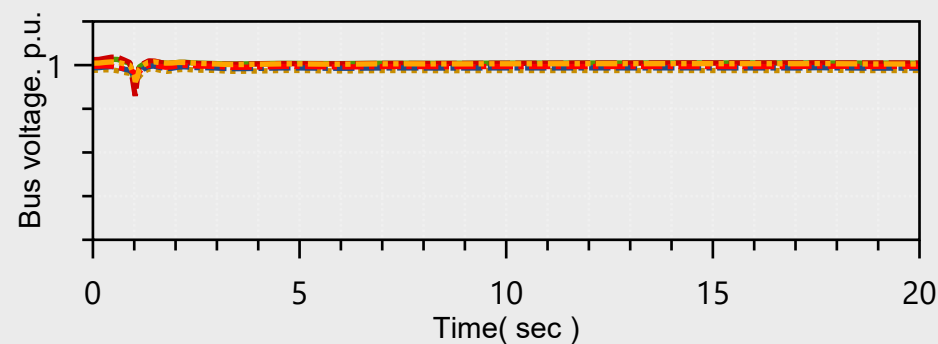
vmeta: vbus 70627 LIMON3 345.00 1 1
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 vmeta: vbus 70653 TUNDRA 345.00 1 1
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Voltage (pu)



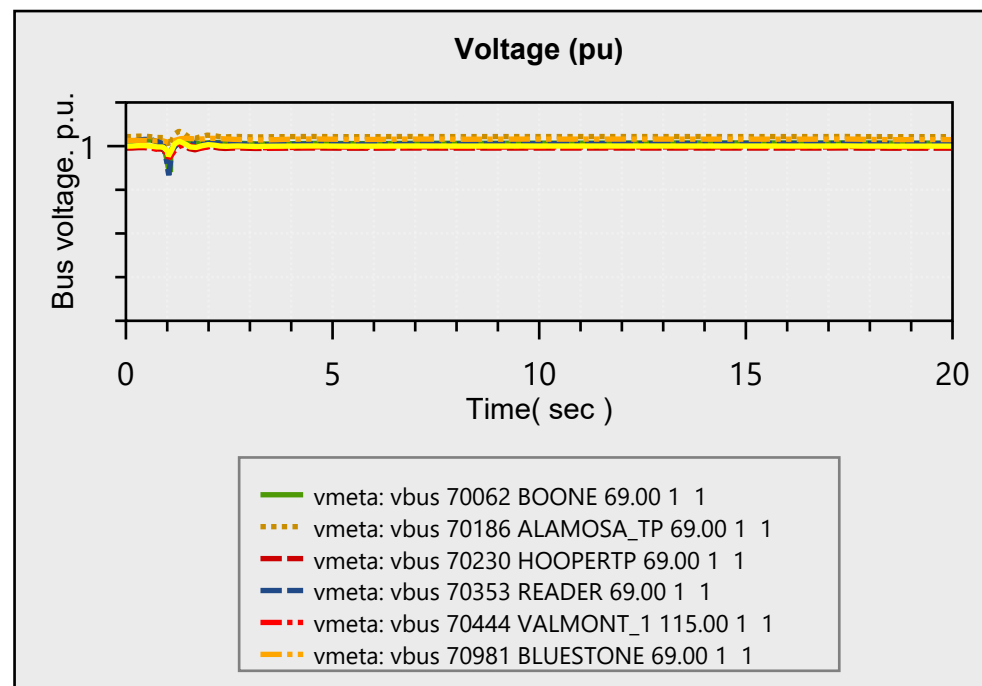
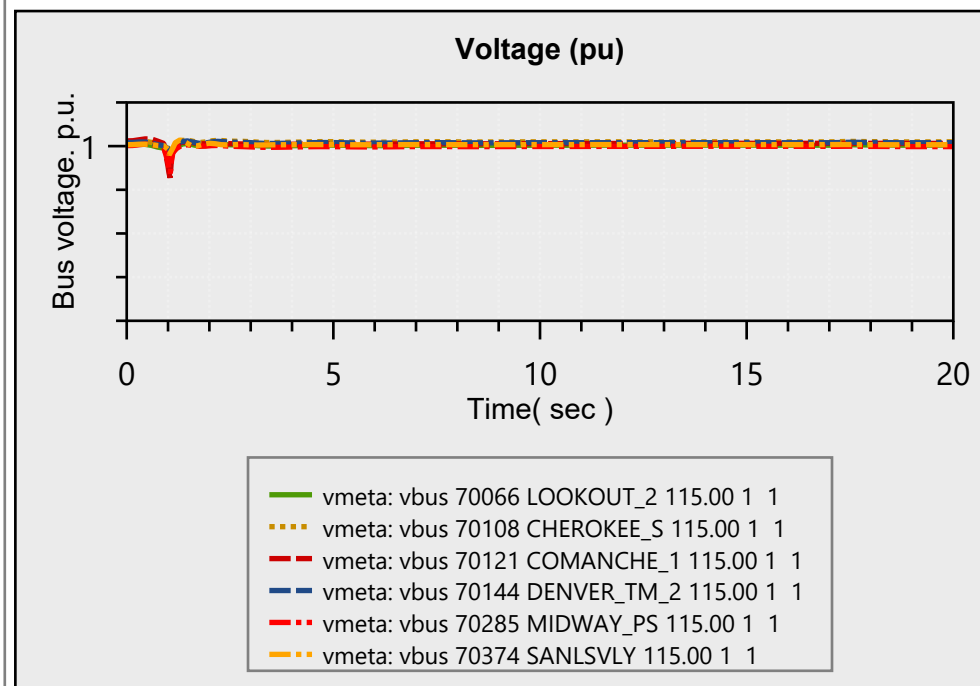
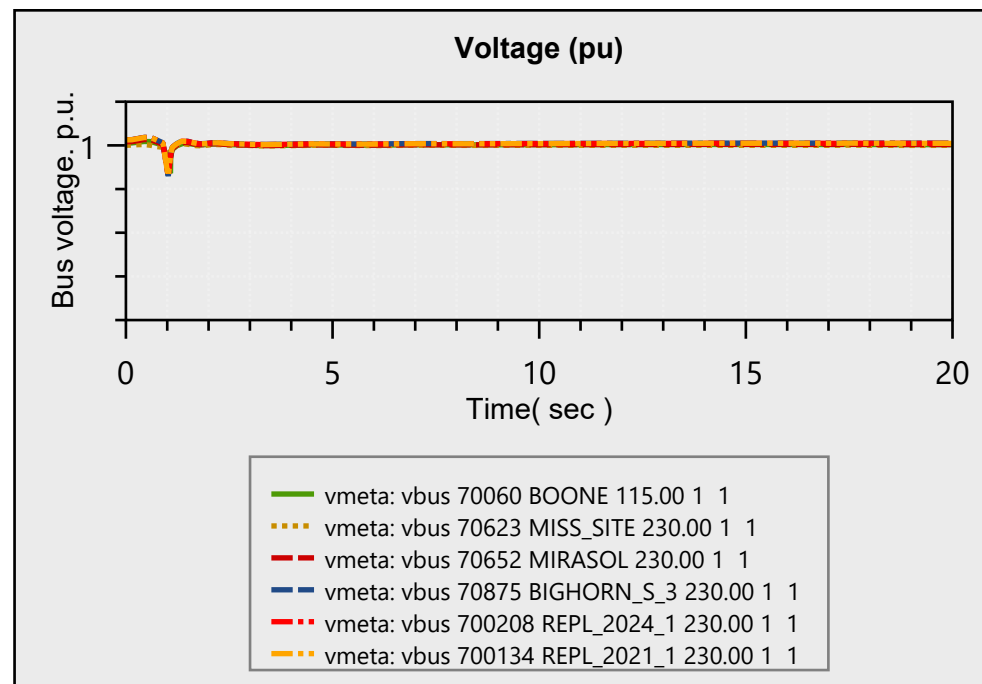
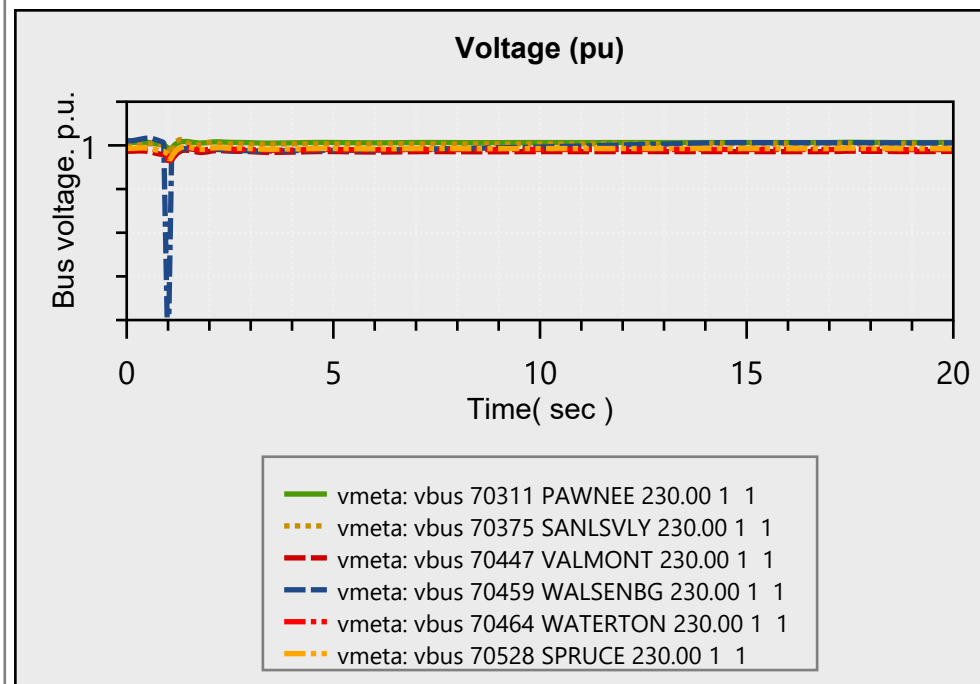
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 vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
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Voltage (pu)

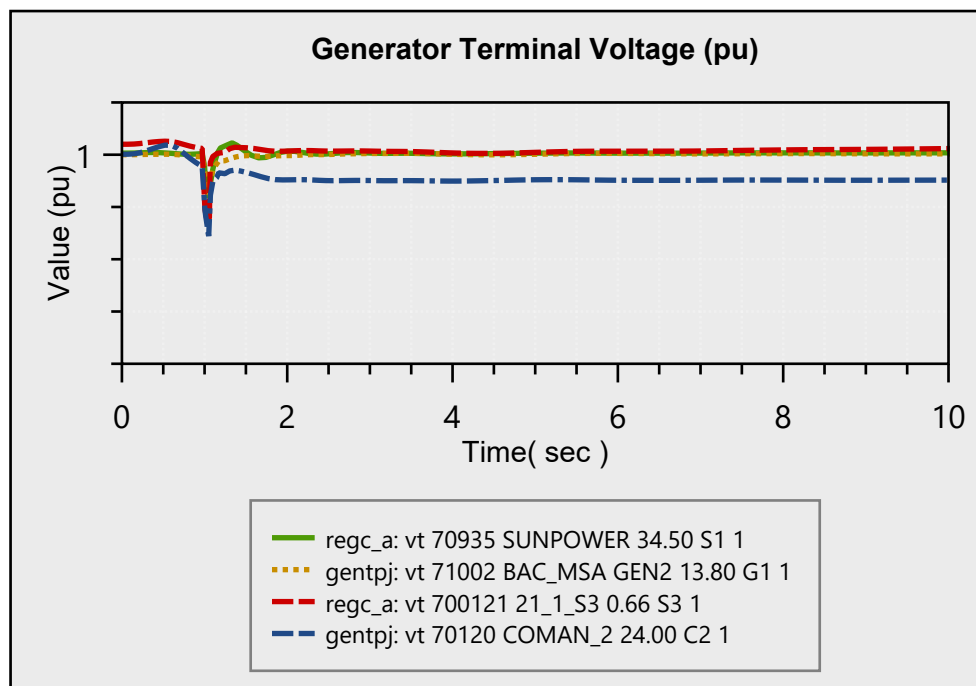
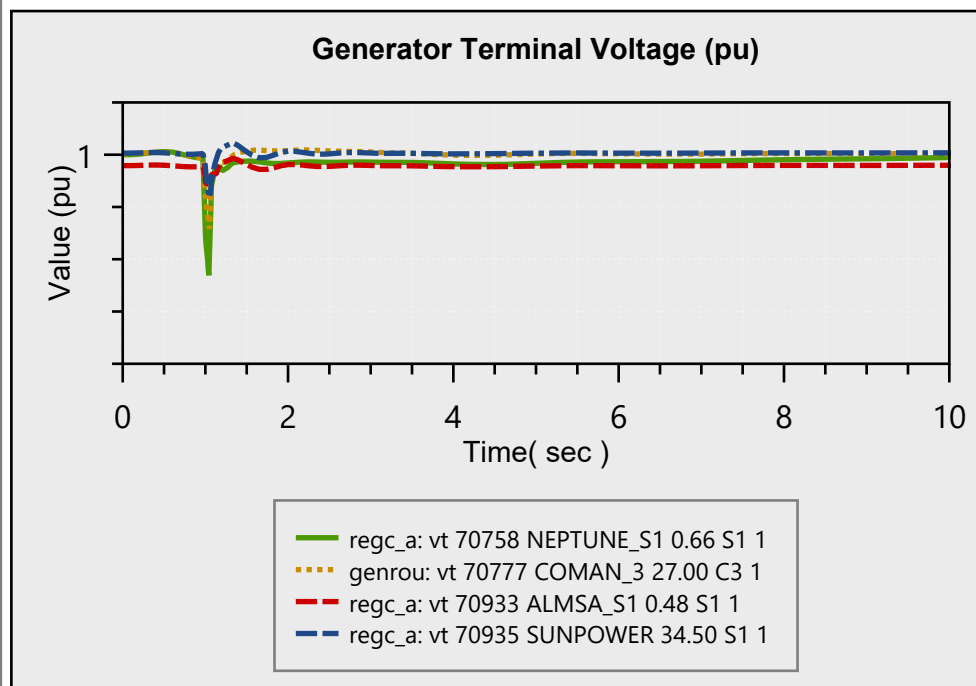
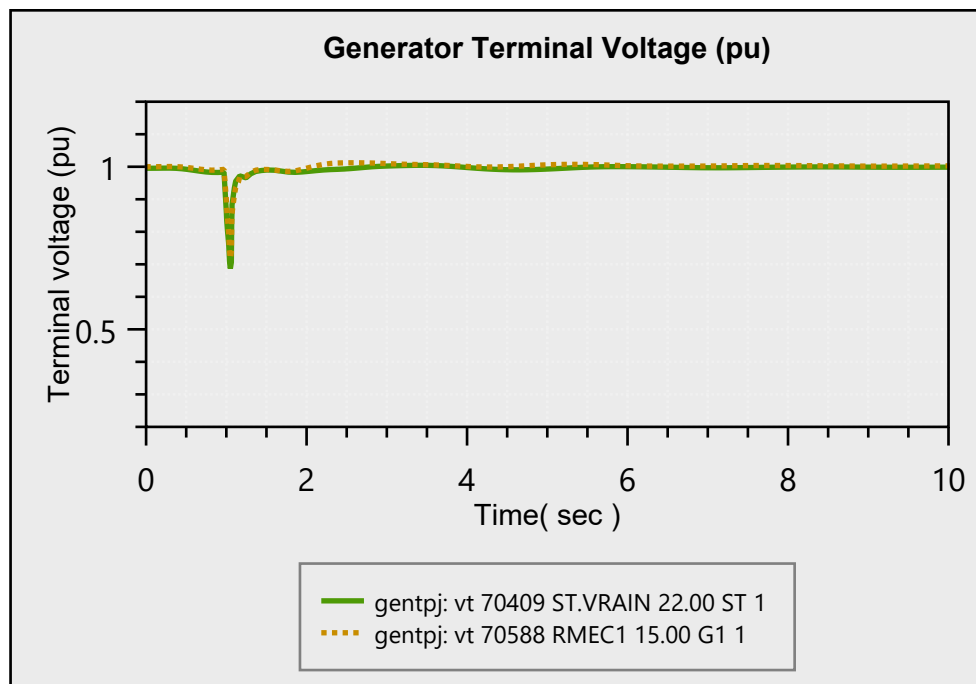
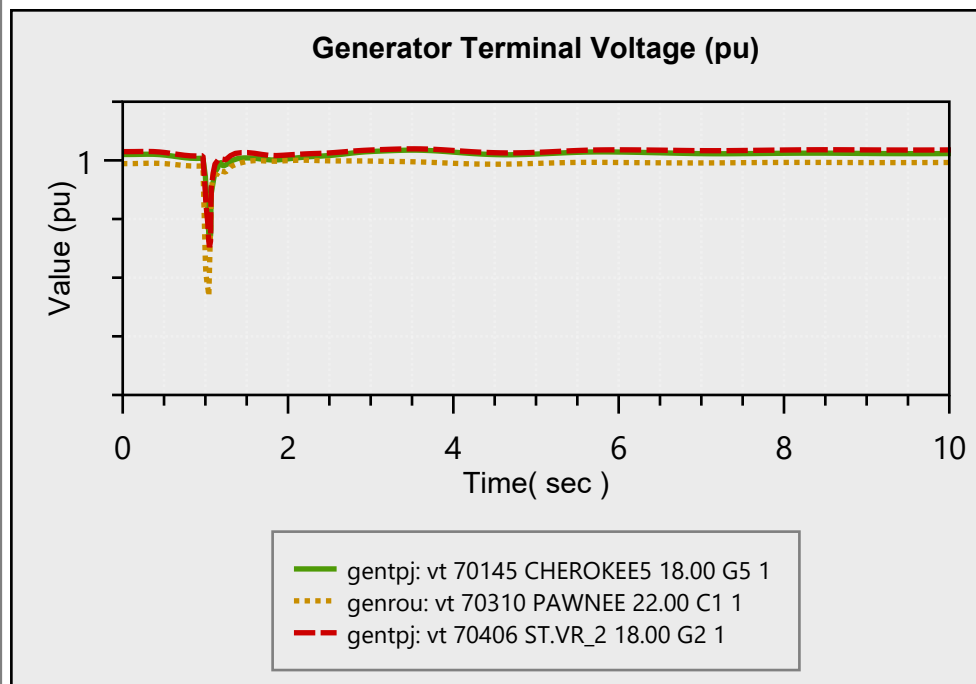


vmeta: vbus 70061 BOONE 230.00 1 1
 vmeta: vbus 70107 CHEROKEE 230.00 1 1
 vmeta: vbus 70122 COMANCHE 230.00 1 1
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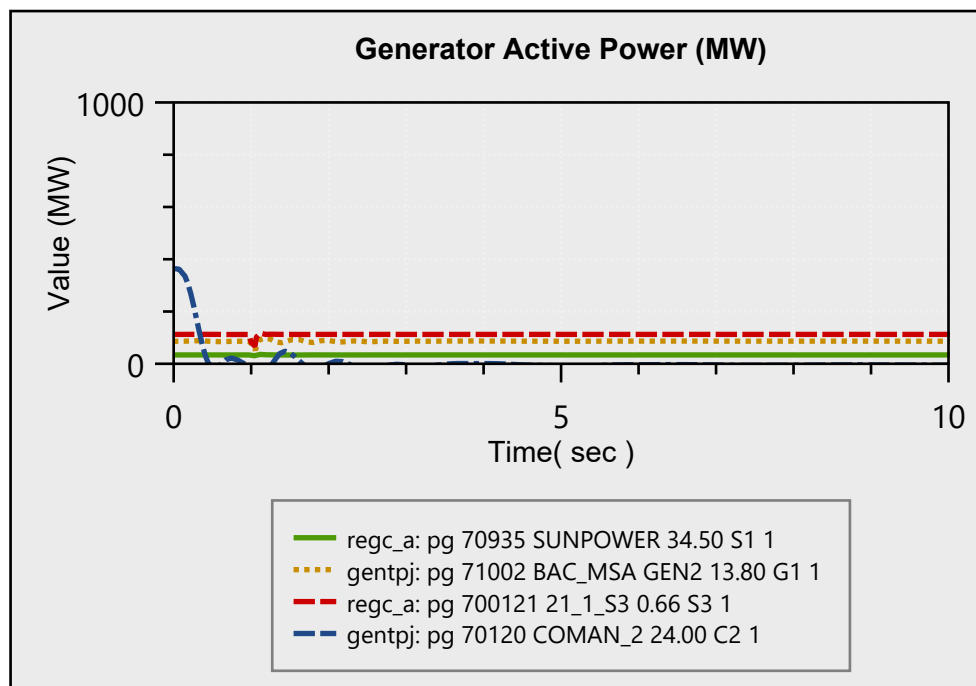
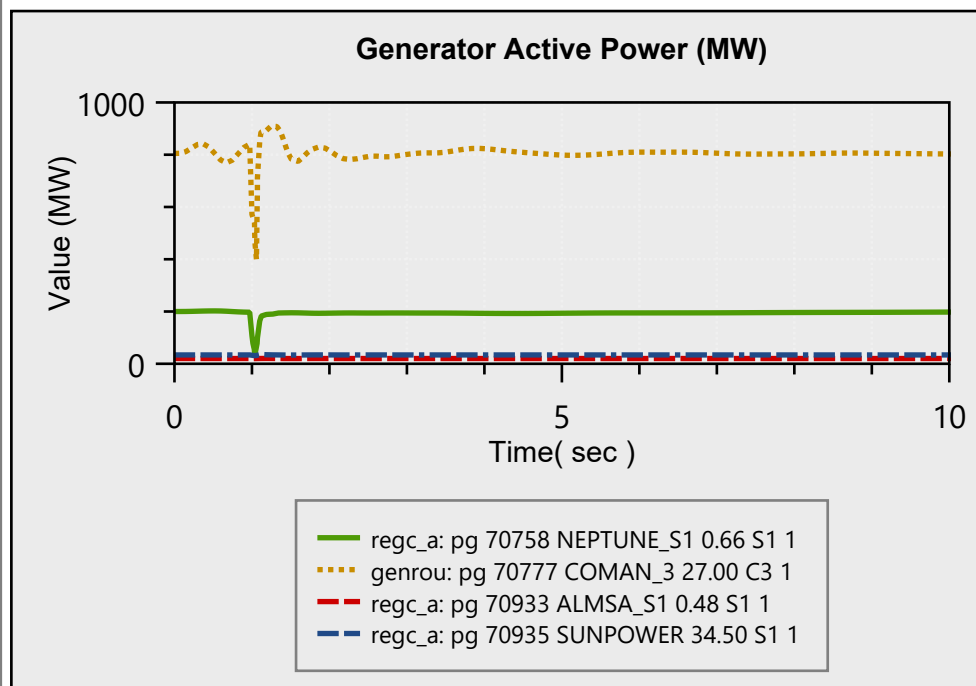
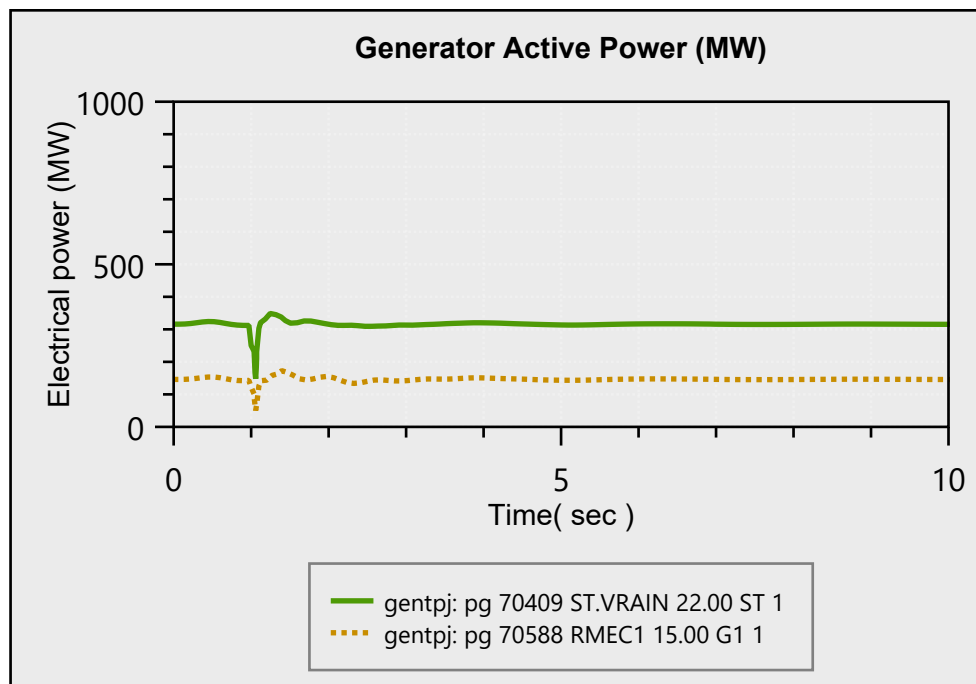
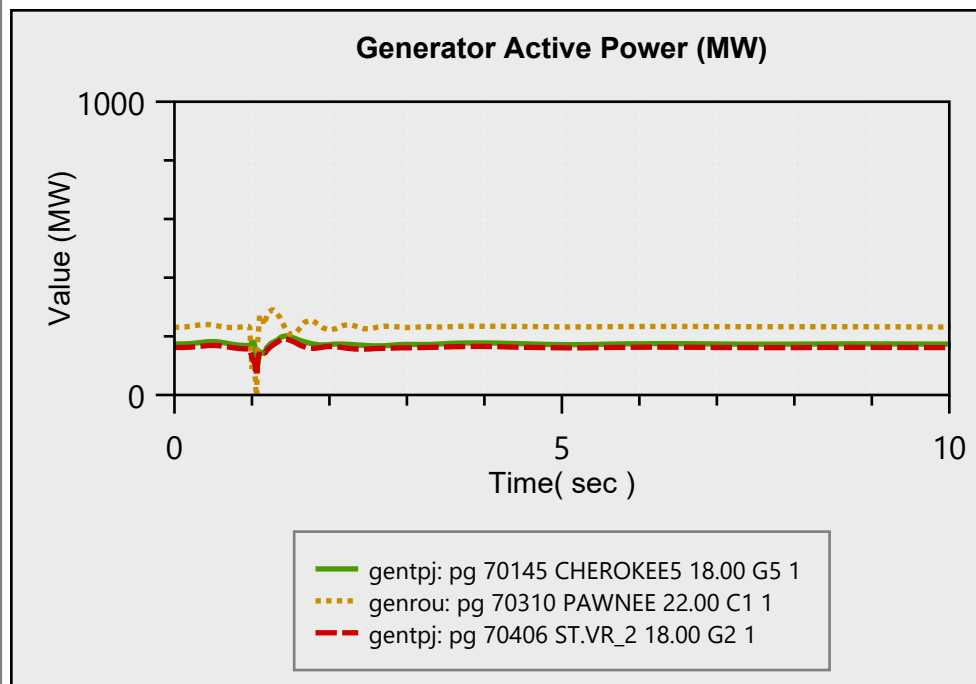
OUTPUTS



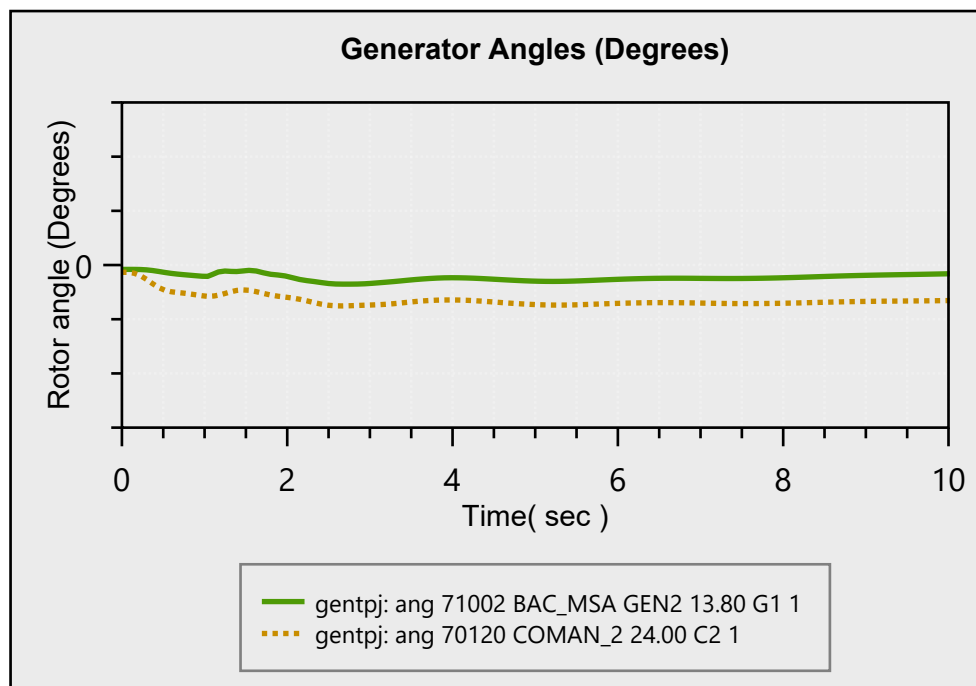
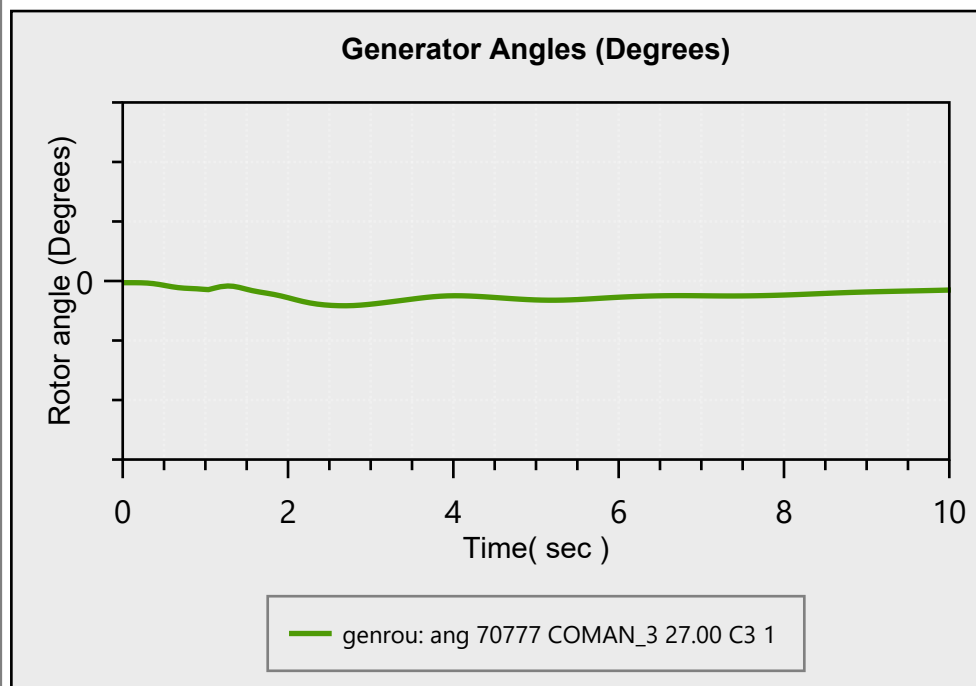
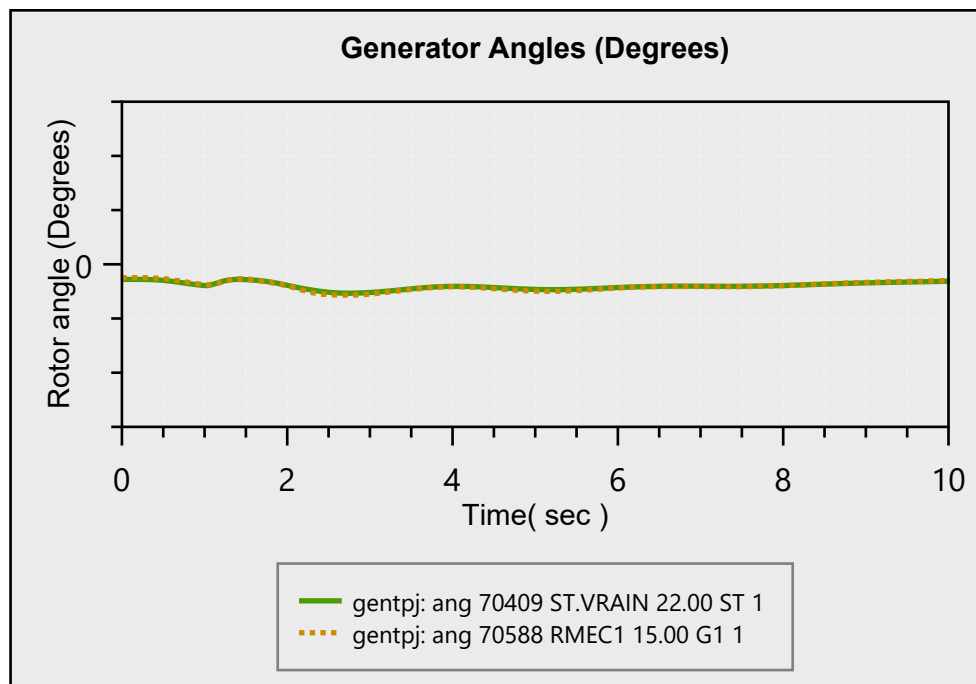
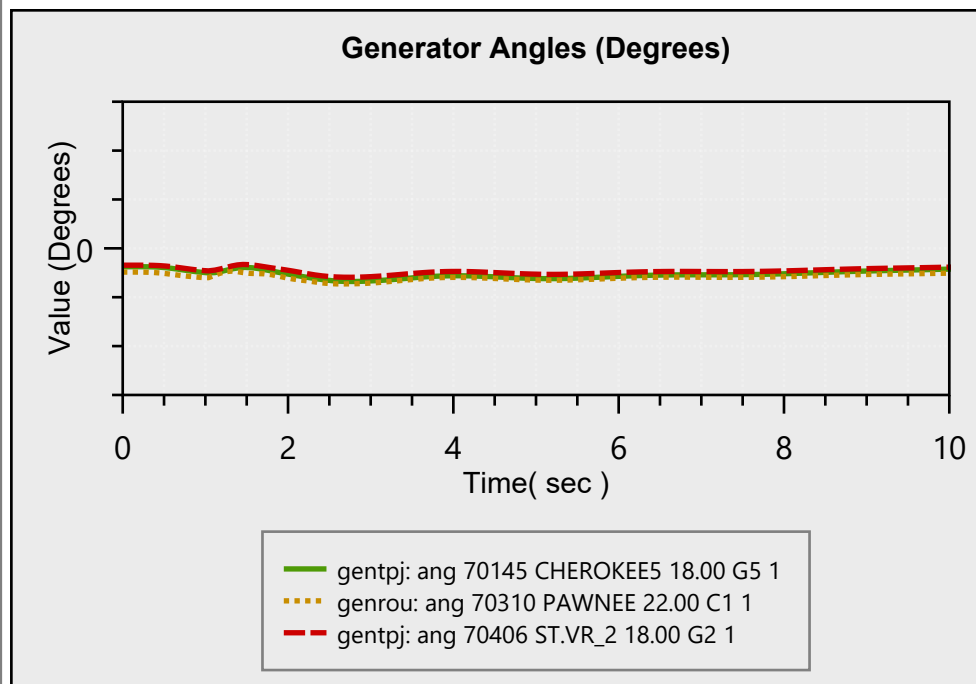
OUTPUTS



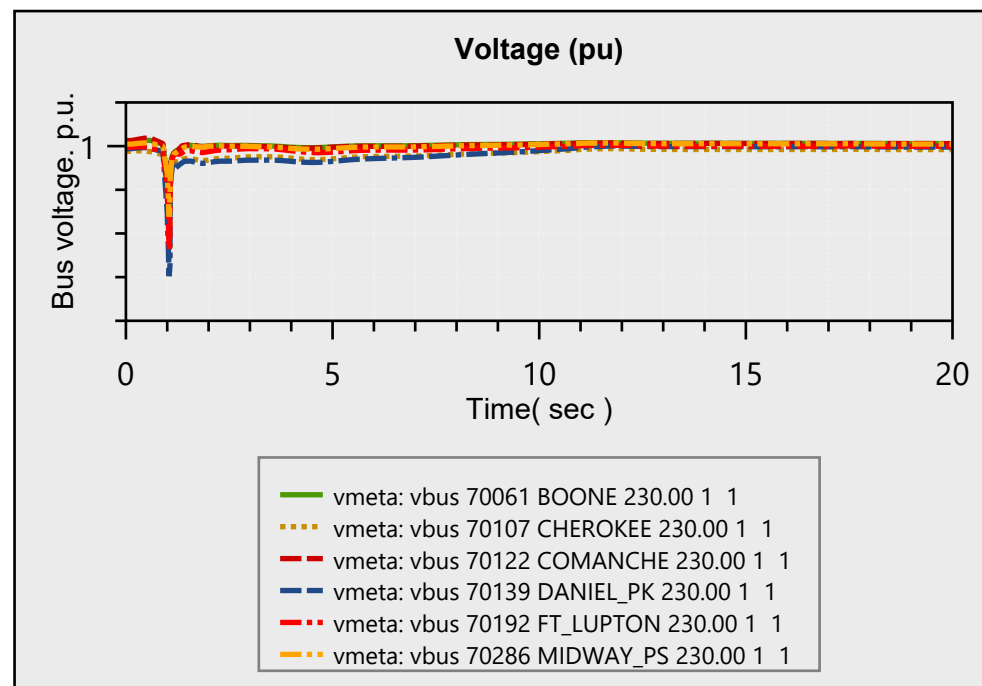
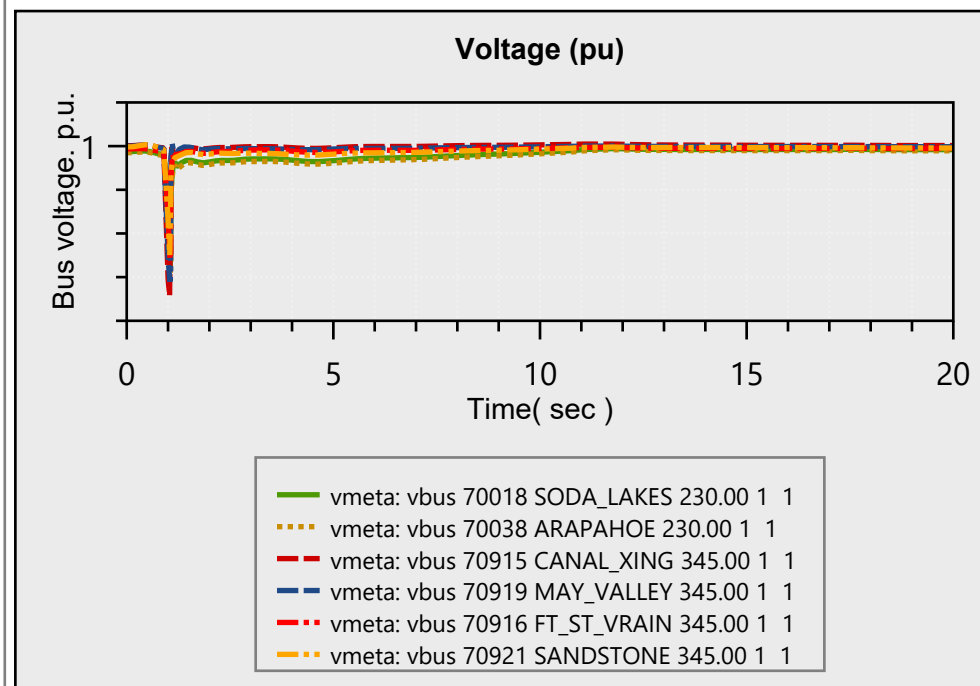
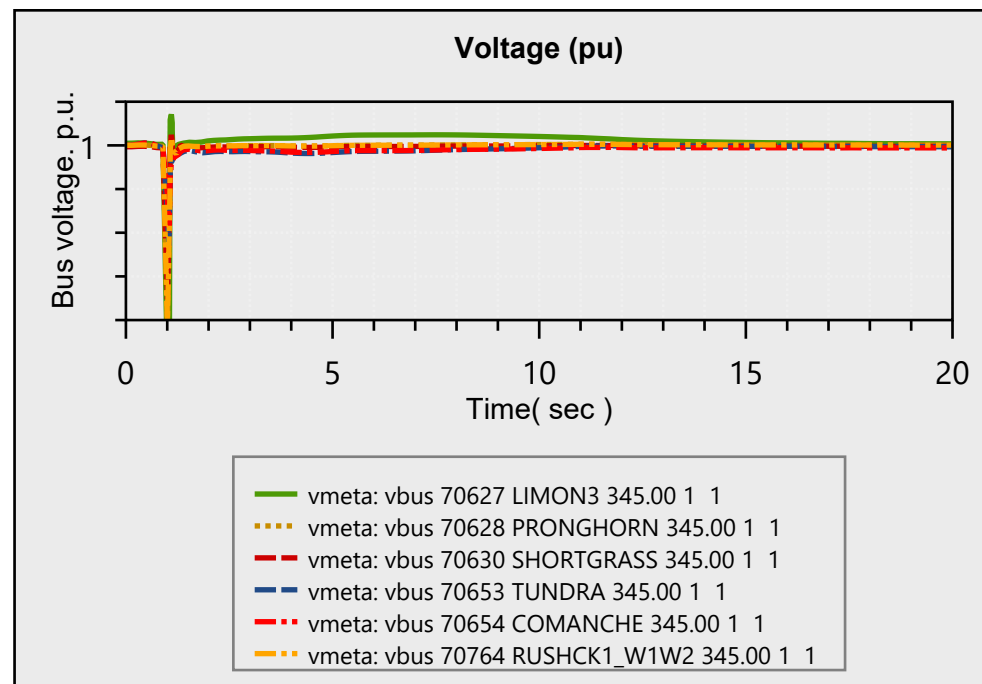
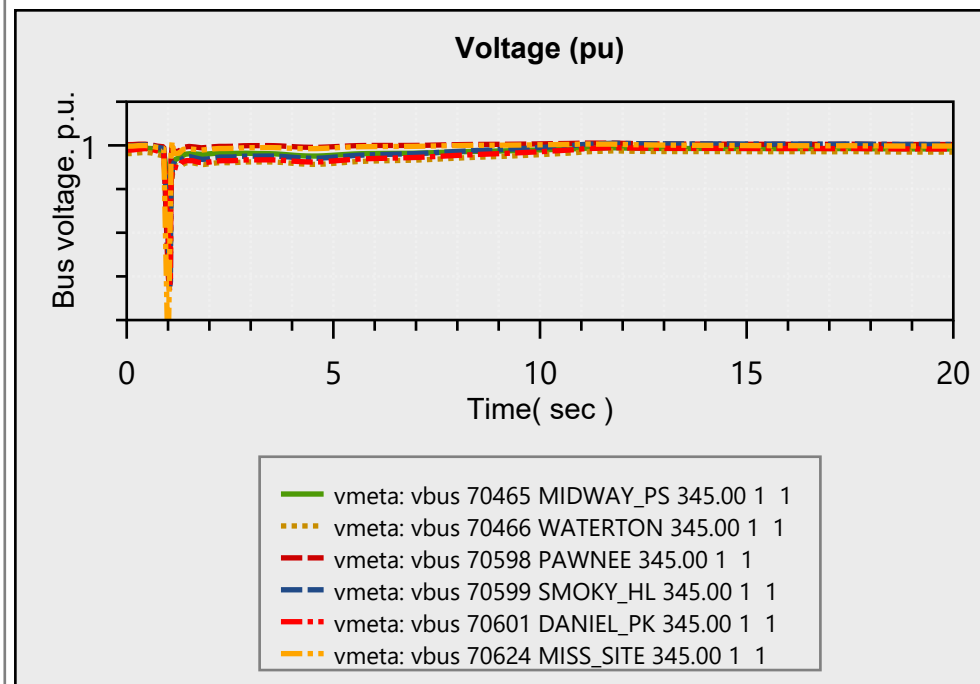
OUTPUTS



OUTPUTS

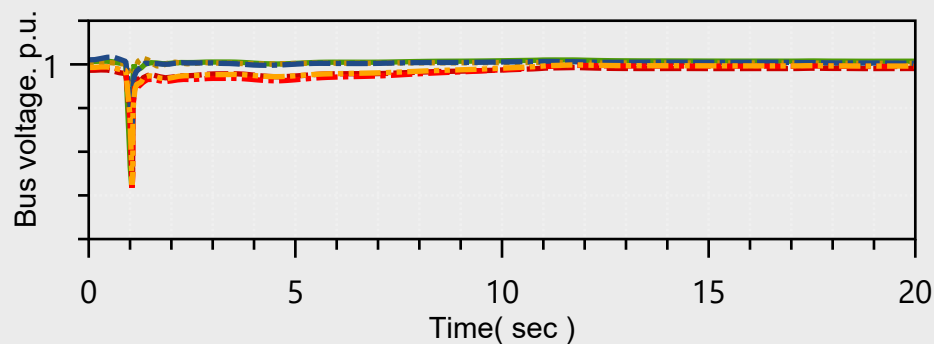


OUTPUTS



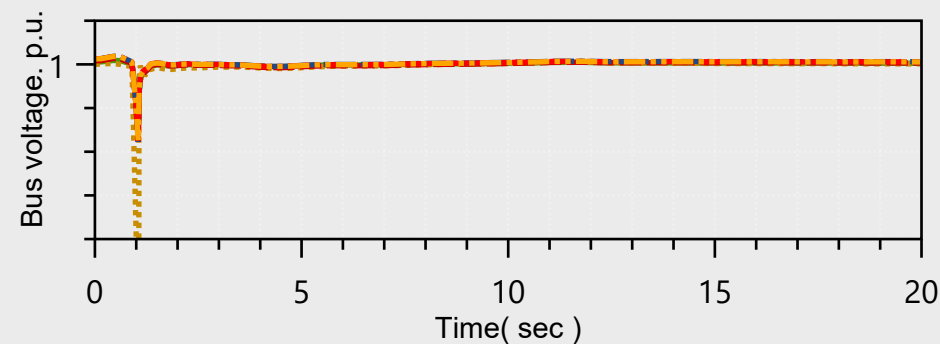
OUTPUTS

Voltage (pu)



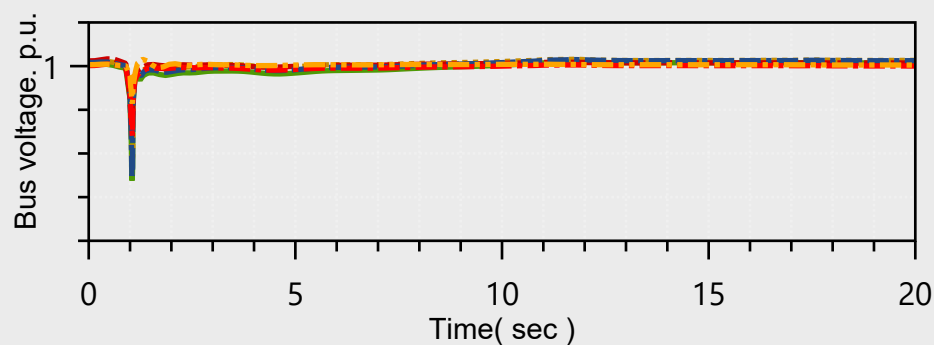
vmeta: vbus 70311 PAWNEE 230.00 1 1
 vmeta: vbus 70375 SANLSVLY 230.00 1 1
 vmeta: vbus 70447 VALMONT 230.00 1 1
 vmeta: vbus 70459 WALSENBG 230.00 1 1
 vmeta: vbus 70464 WATERTON 230.00 1 1
 vmeta: vbus 70528 SPRUCE 230.00 1 1

Voltage (pu)



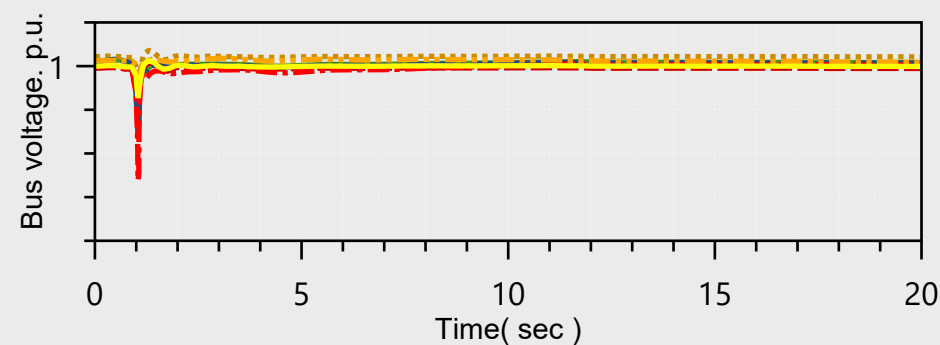
vmeta: vbus 70060 BOONE 115.00 1 1
 vmeta: vbus 70623 MISS_SITE 230.00 1 1
 vmeta: vbus 70652 MIRASOL 230.00 1 1
 vmeta: vbus 70875 BIGHORN_S_3 230.00 1 1
 vmeta: vbus 700208 REPL_2024_1 230.00 1 1
 vmeta: vbus 700134 REPL_2021_1 230.00 1 1

Voltage (pu)



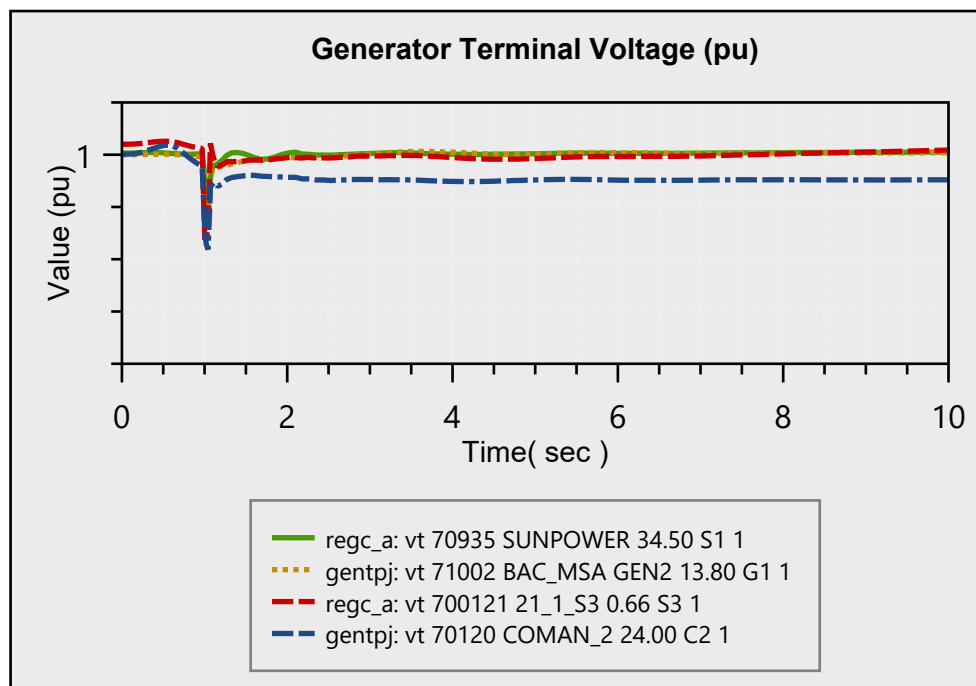
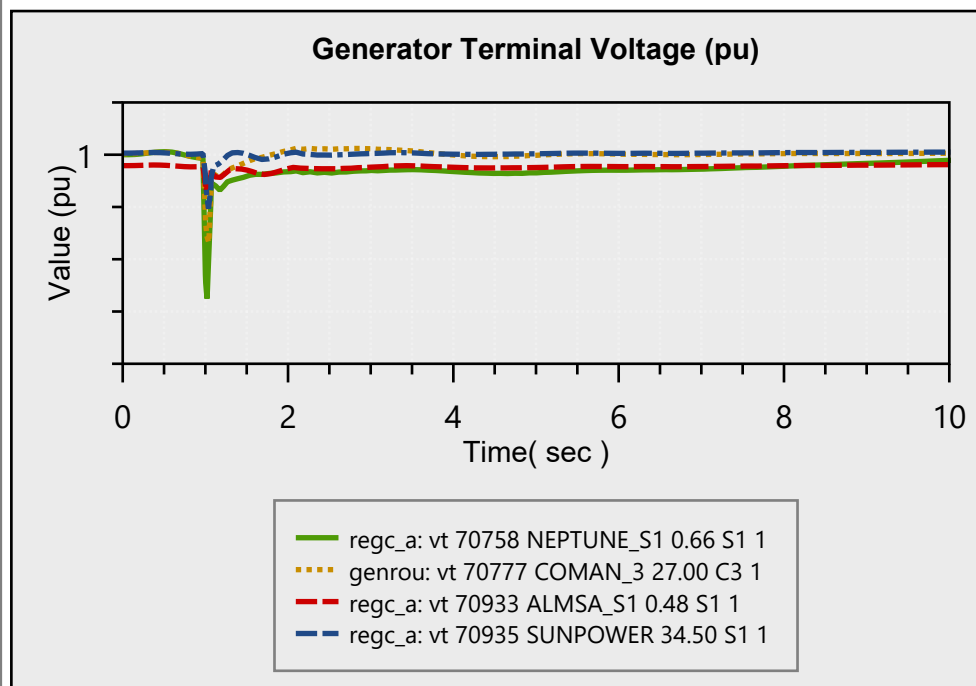
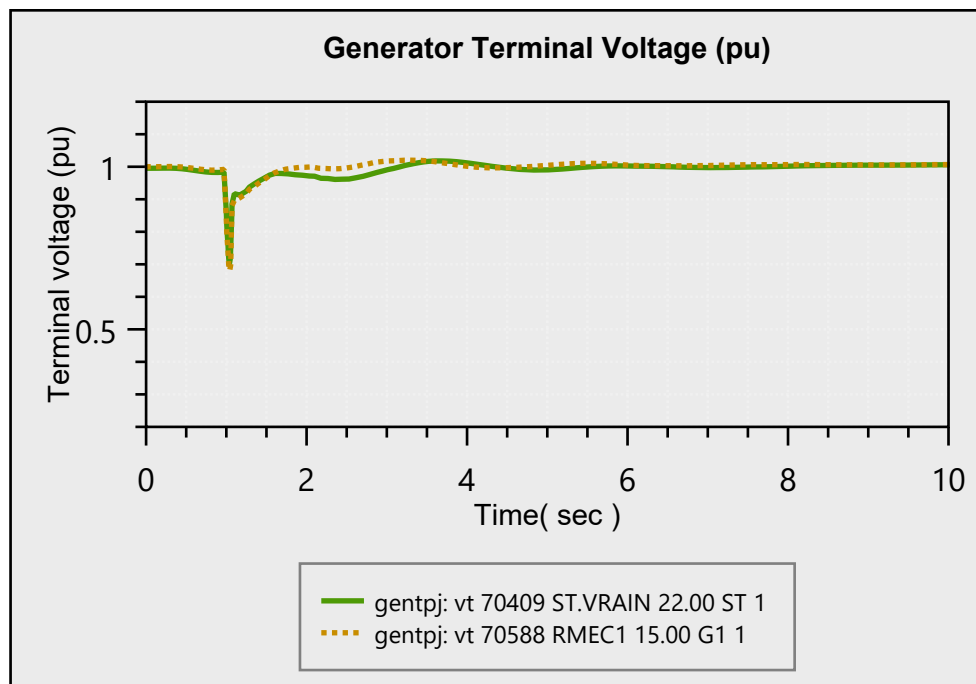
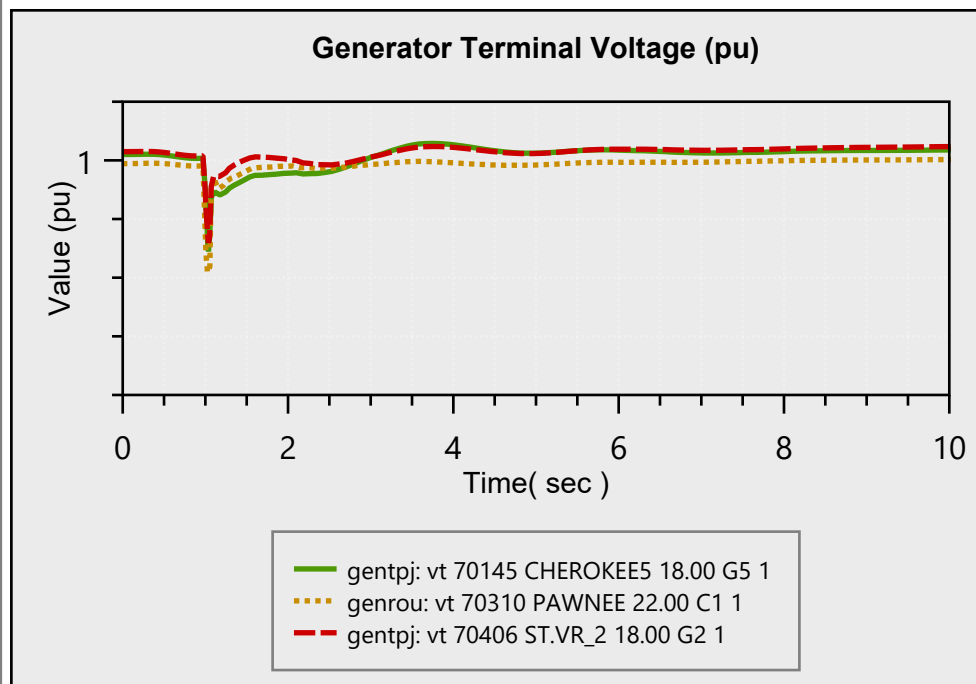
vmeta: vbus 70066 LOOKOUT_2 115.00 1 1
 vmeta: vbus 70108 CHEROKEE_S 115.00 1 1
 vmeta: vbus 70121 COMANCHE_1 115.00 1 1
 vmeta: vbus 70144 DENVER_TM_2 115.00 1 1
 vmeta: vbus 70285 MIDWAY_PS 115.00 1 1
 vmeta: vbus 70374 SANLSVLY 115.00 1 1

Voltage (pu)

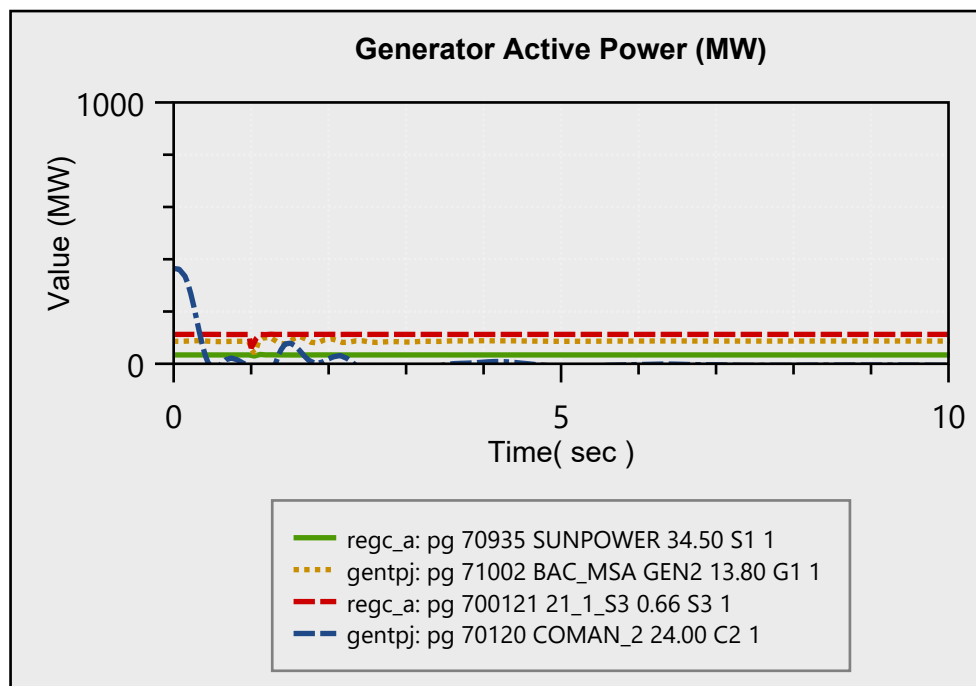
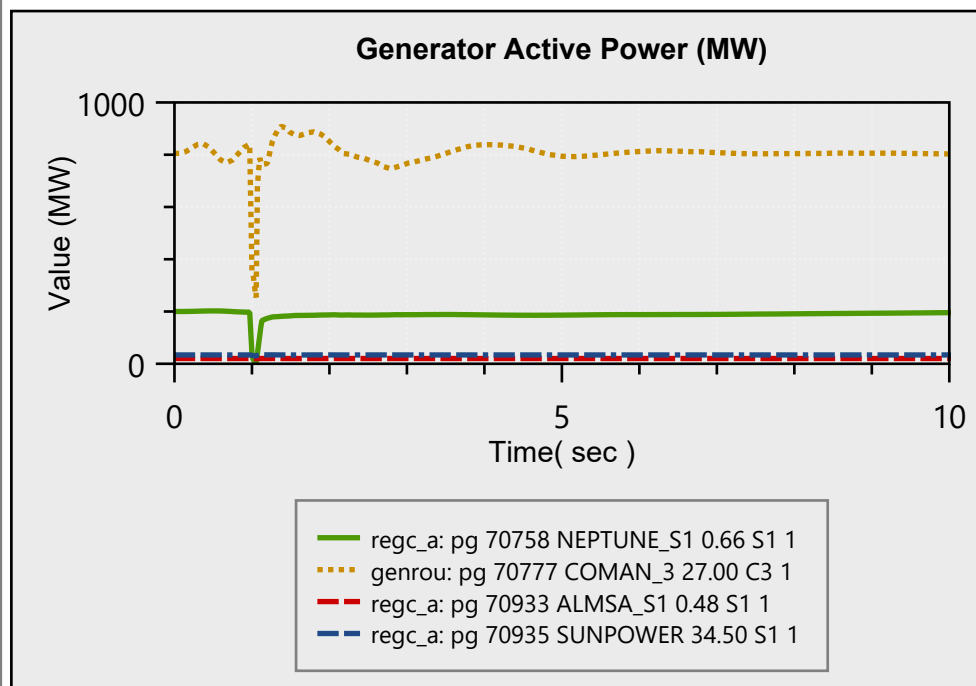
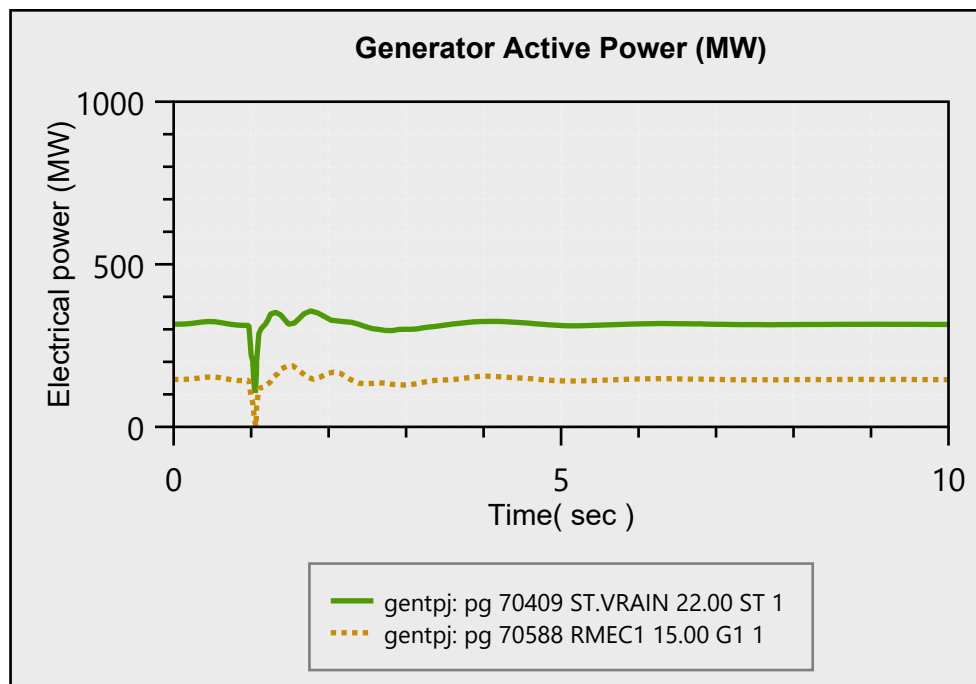
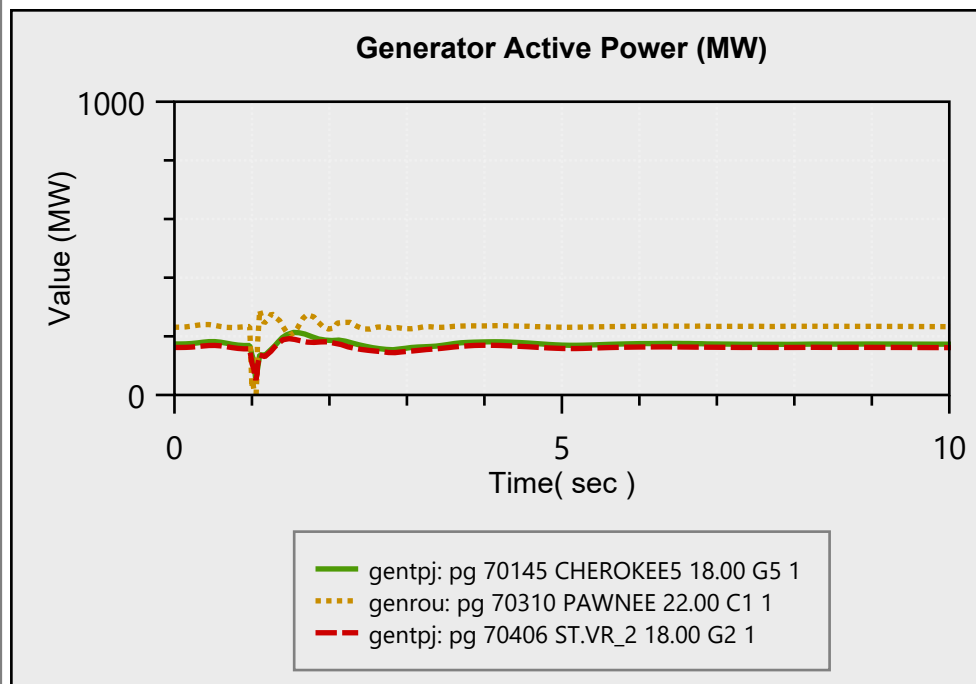


vmeta: vbus 70062 BOONE 69.00 1 1
 vmeta: vbus 70186 ALAMOSA_TP 69.00 1 1
 vmeta: vbus 70230 HOOPERTP 69.00 1 1
 vmeta: vbus 70353 READER 69.00 1 1
 vmeta: vbus 70444 VALMONT_1 115.00 1 1
 vmeta: vbus 70981 BLUESTONE 69.00 1 1

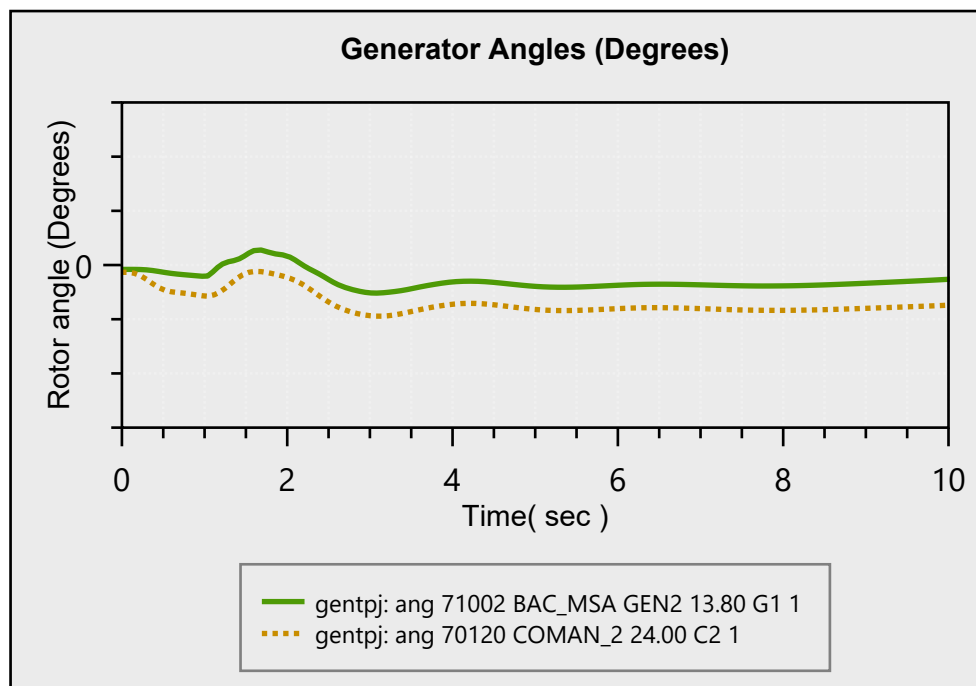
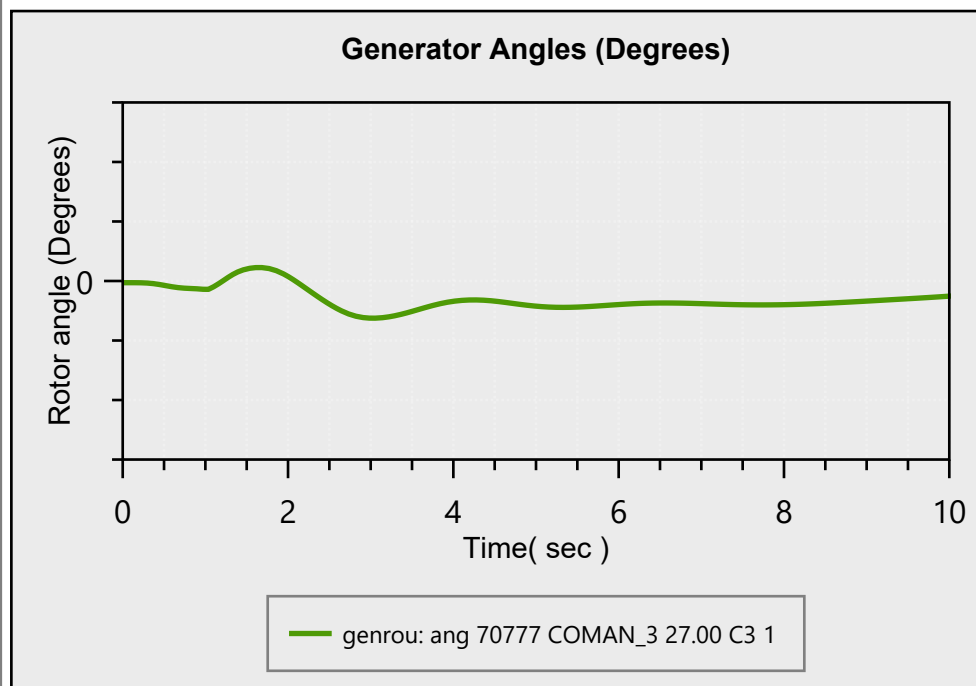
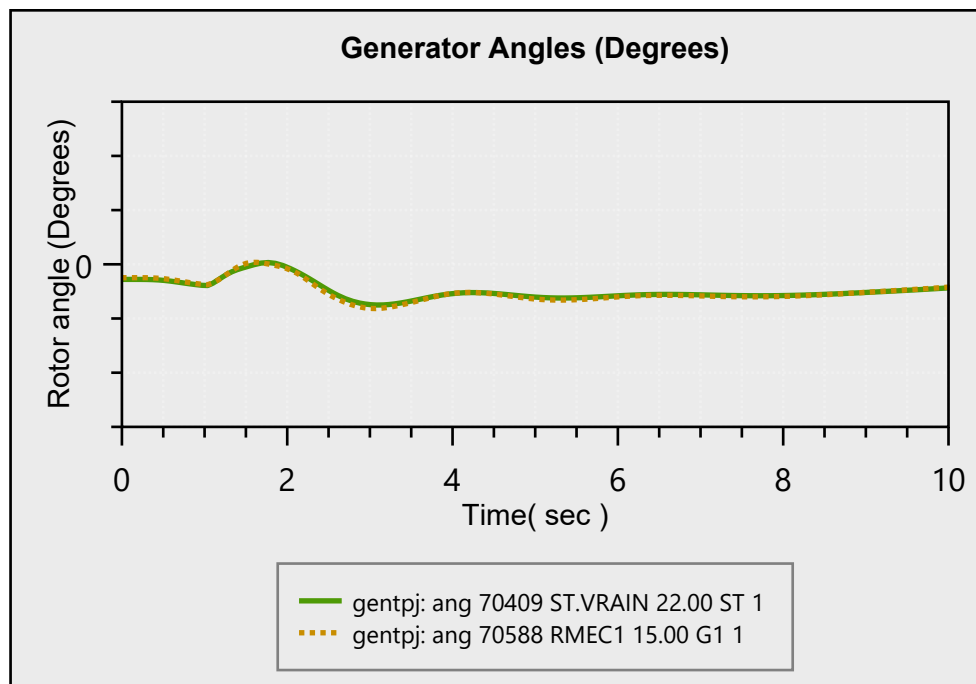
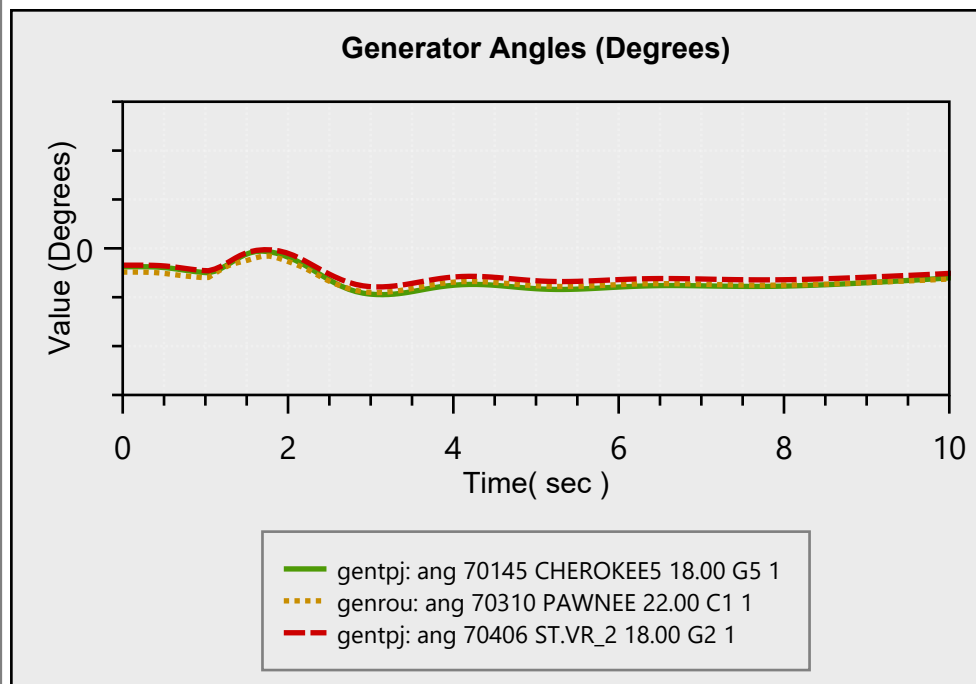
OUTPUTS



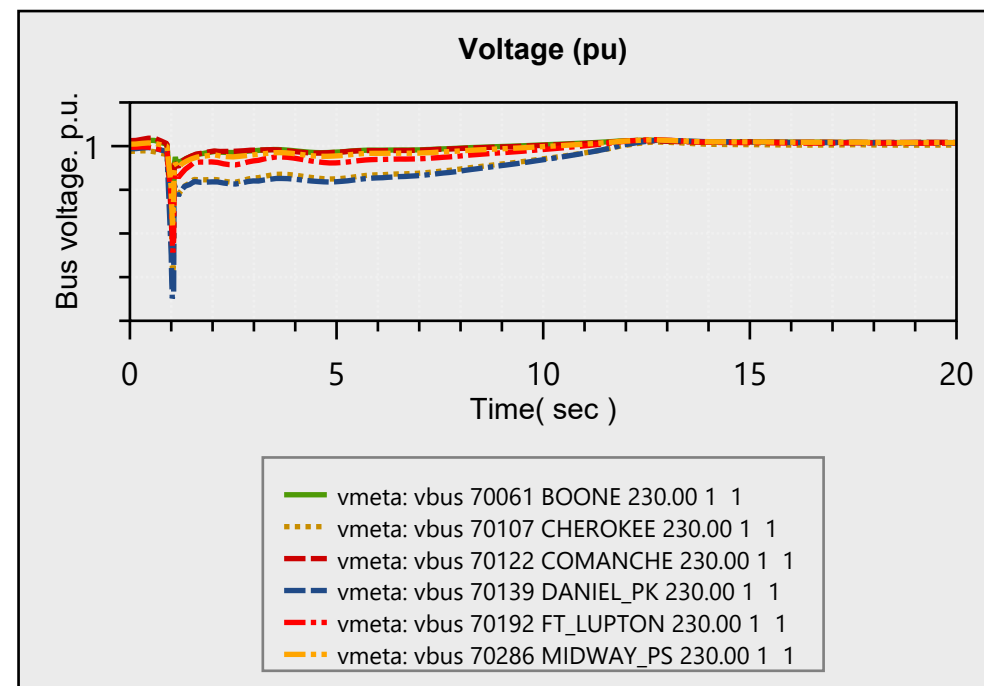
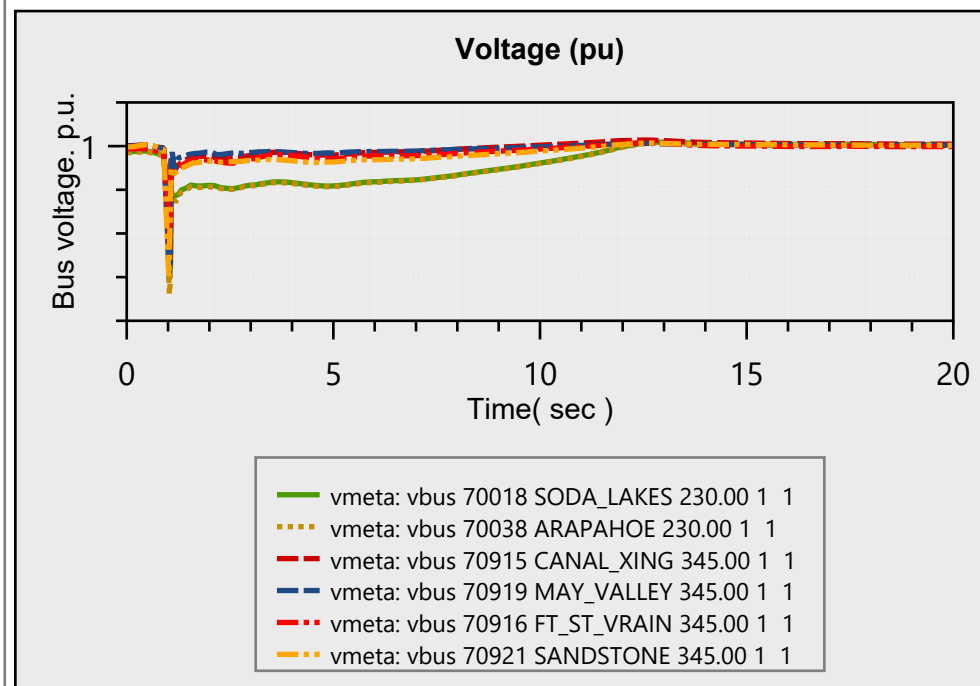
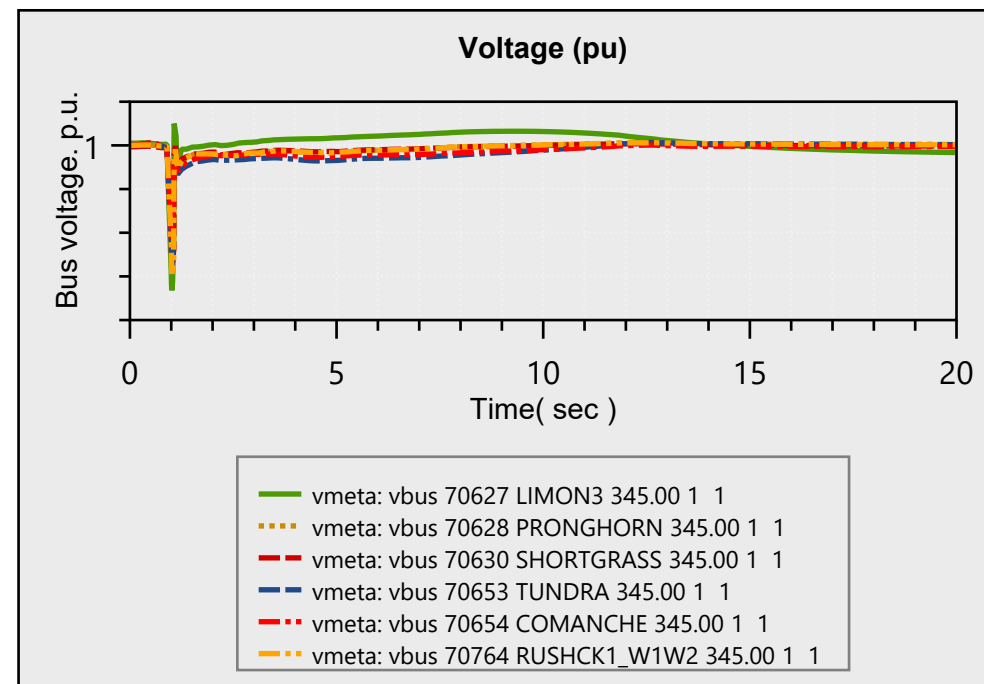
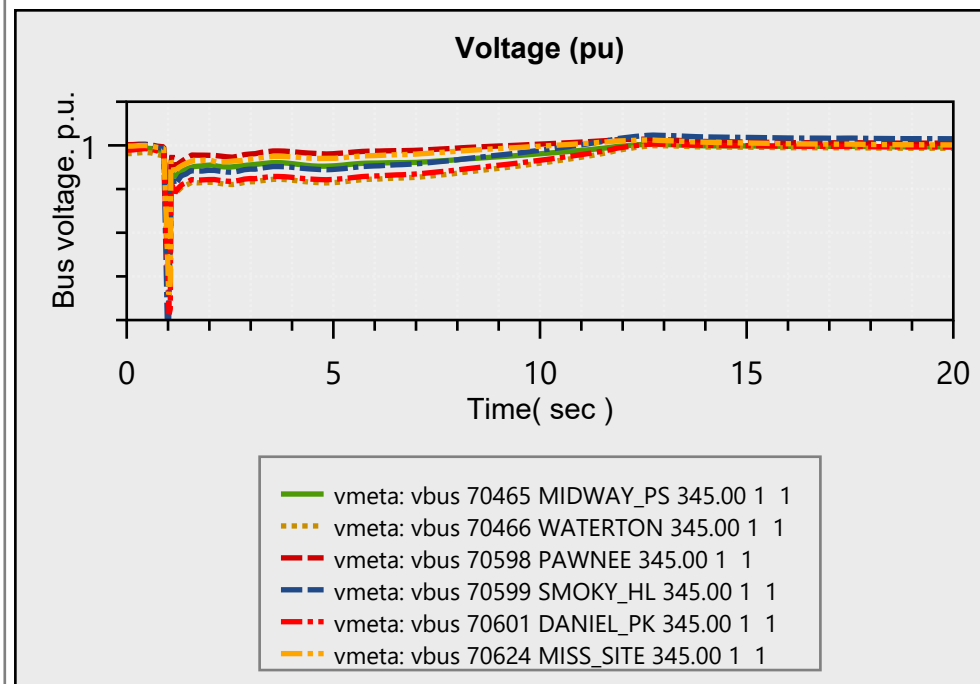
OUTPUTS



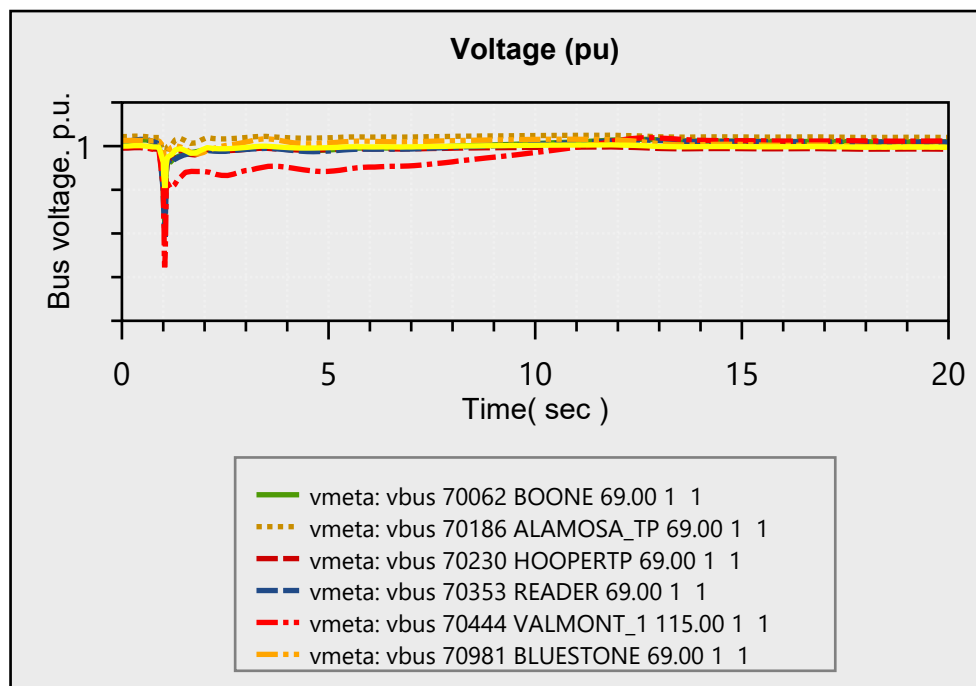
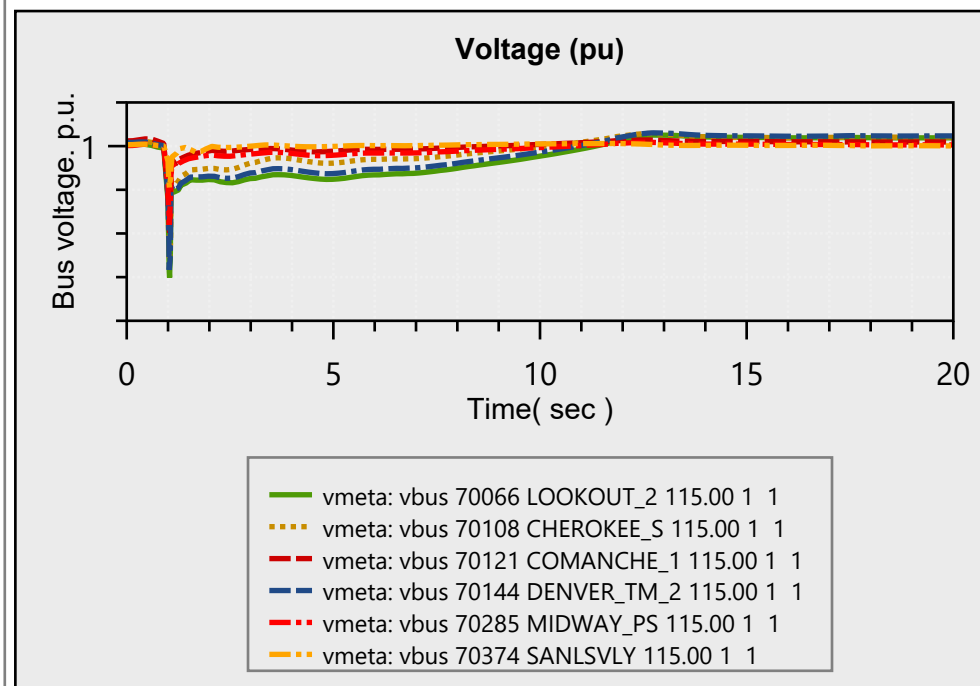
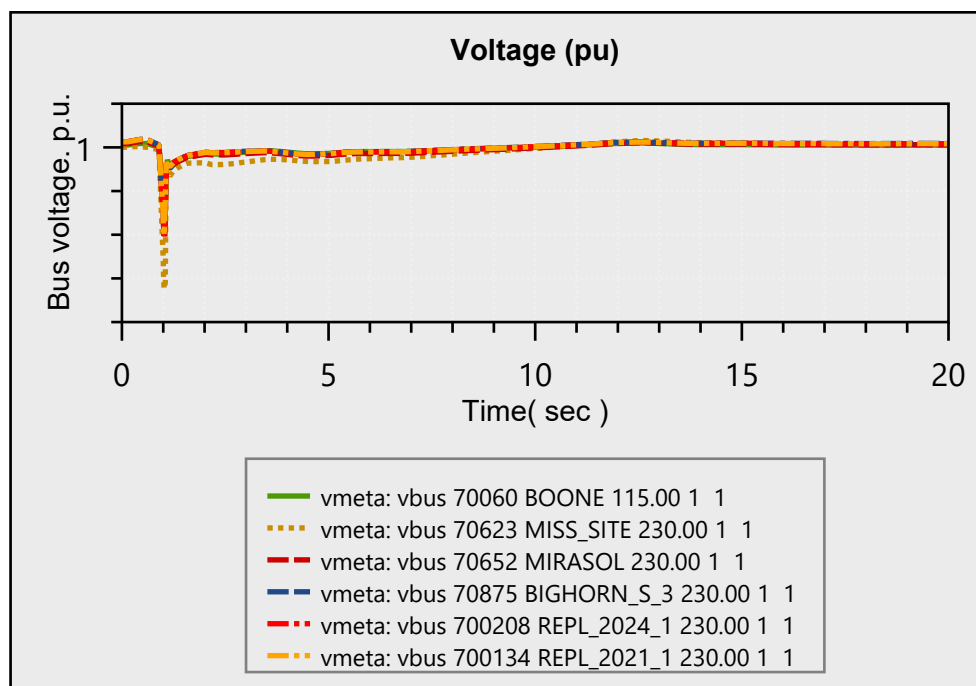
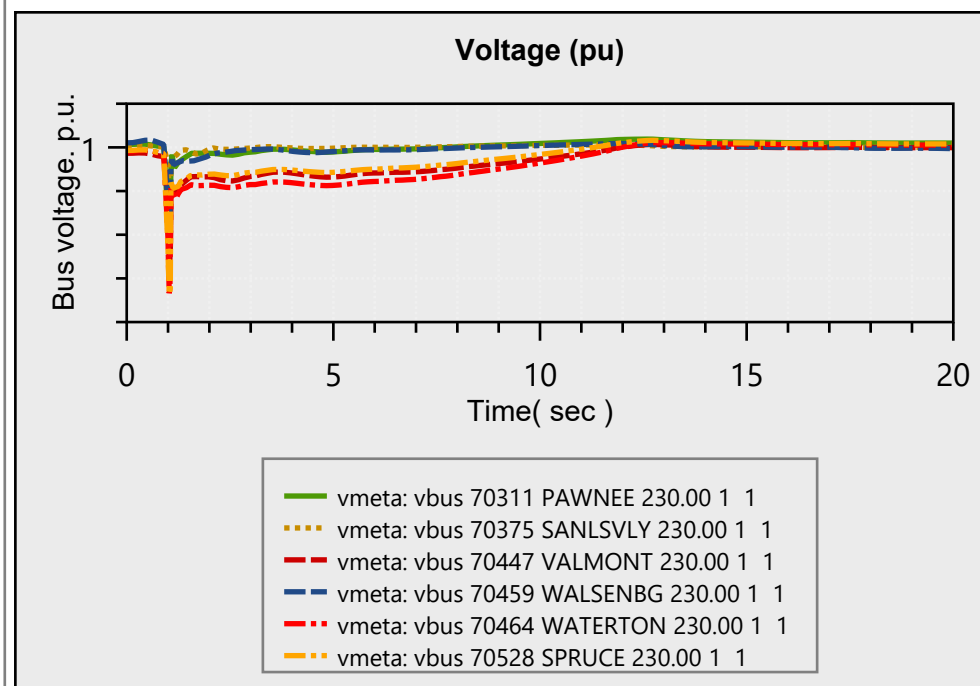
OUTPUTS



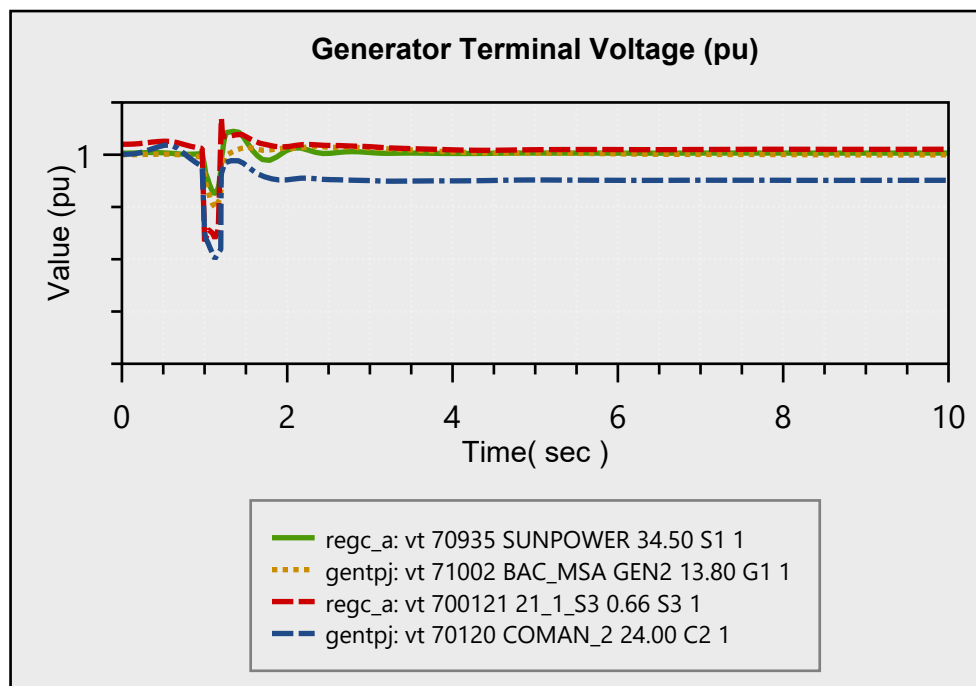
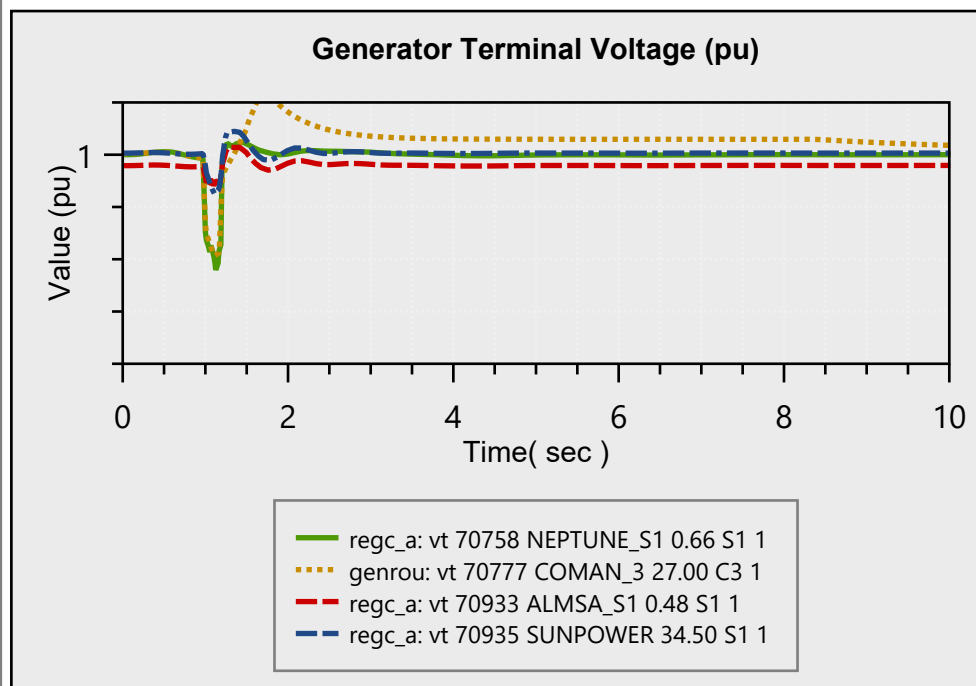
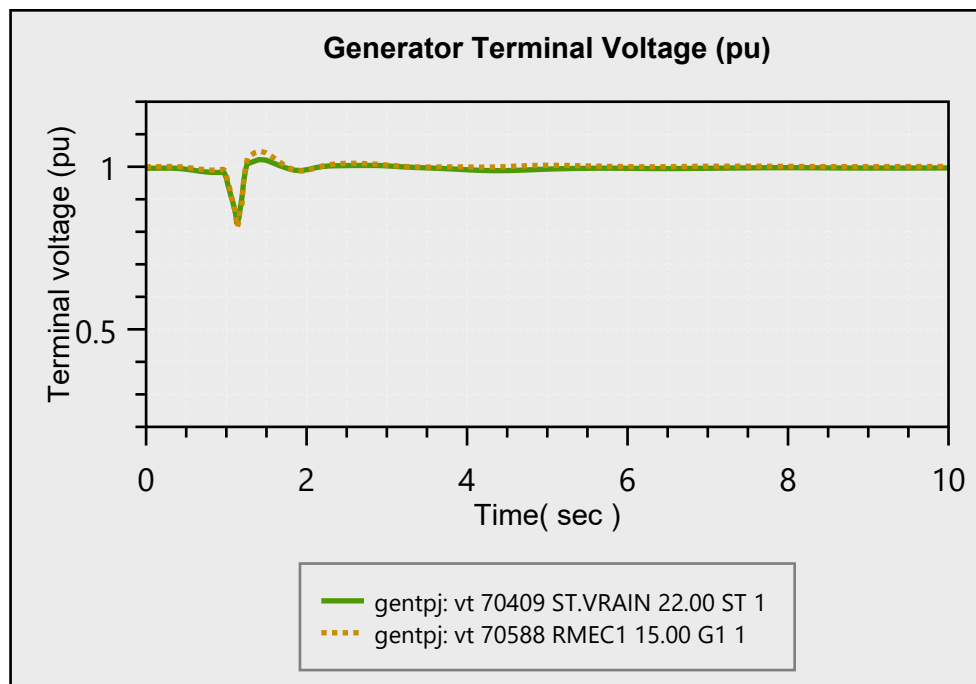
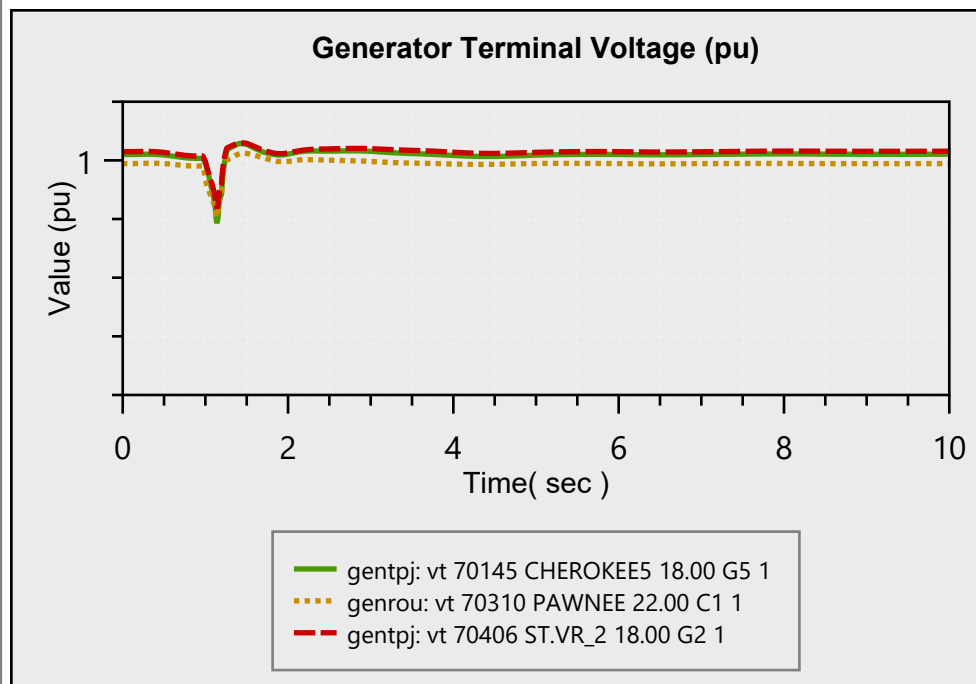
OUTPUTS



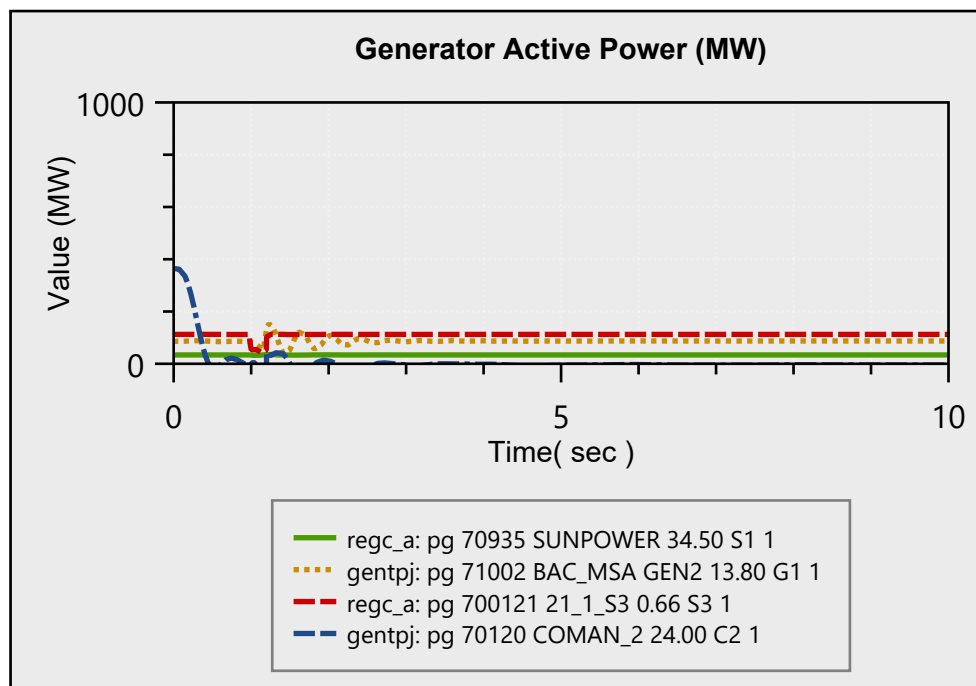
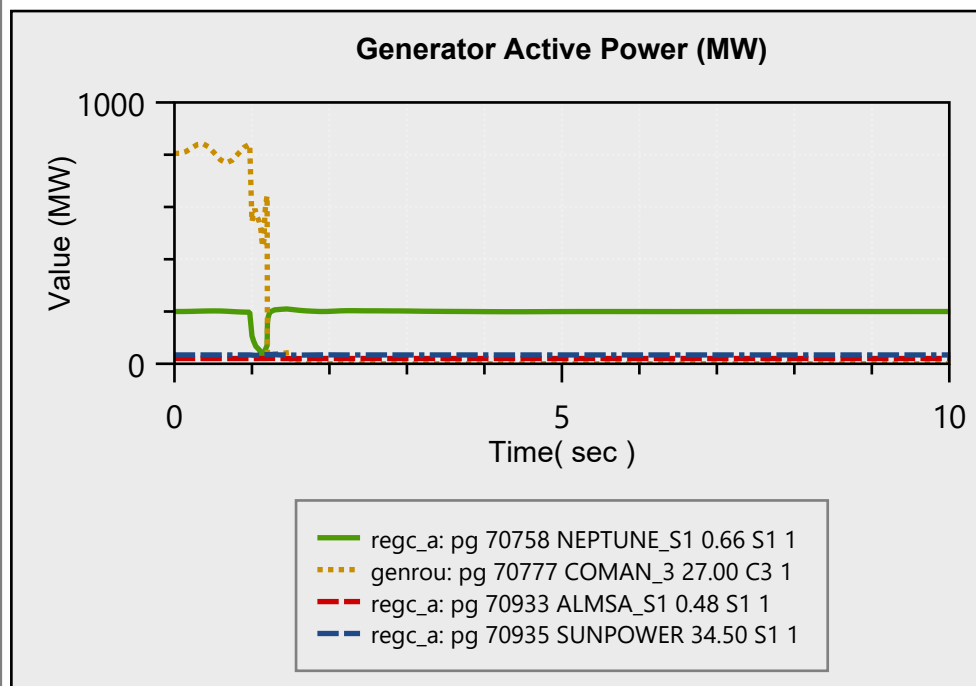
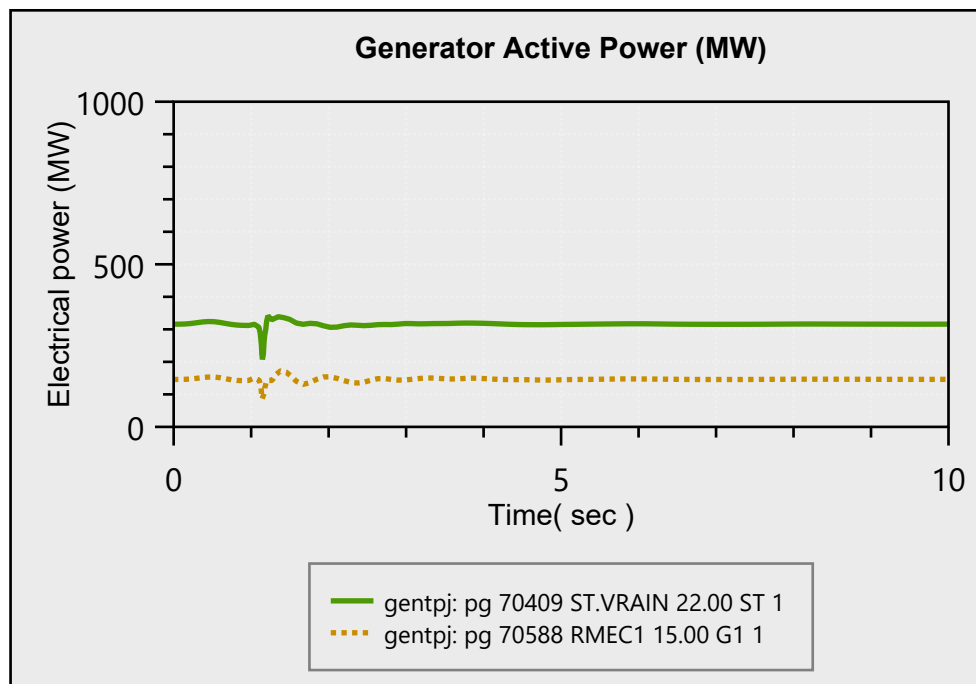
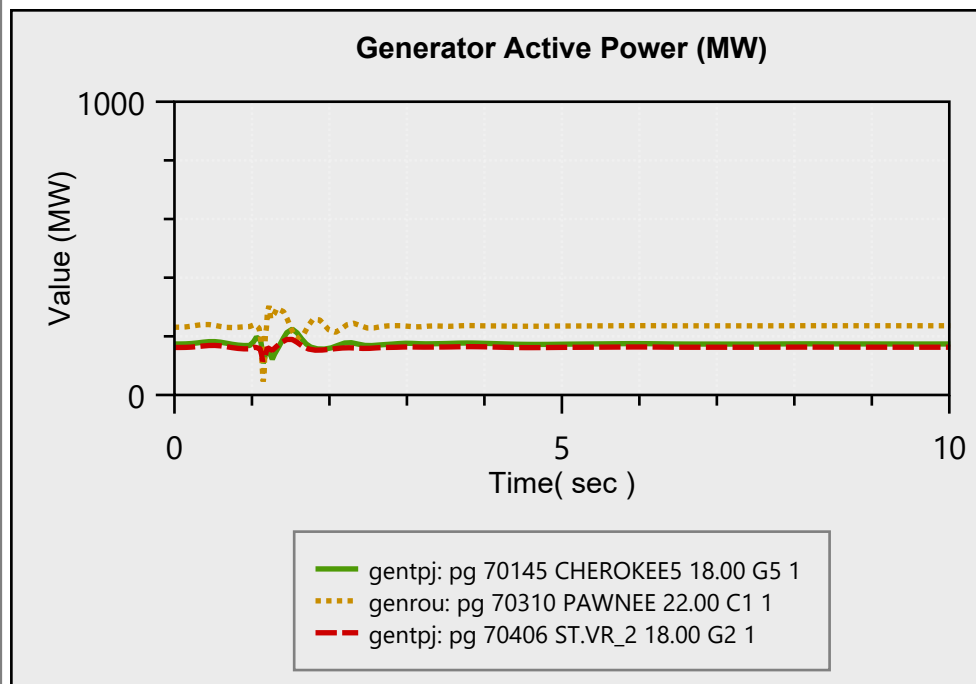
OUTPUTS



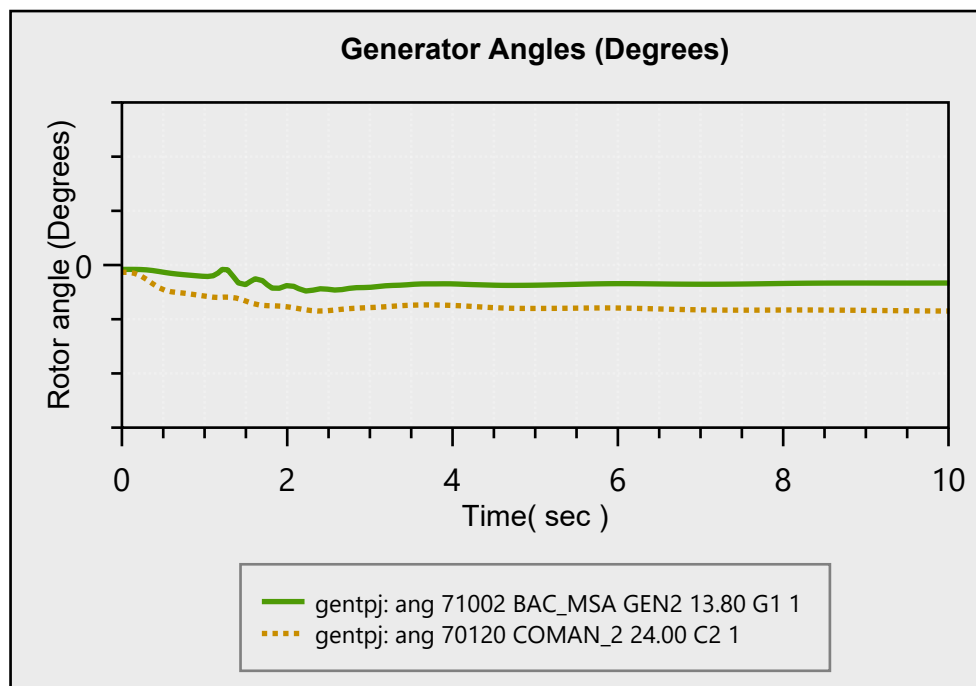
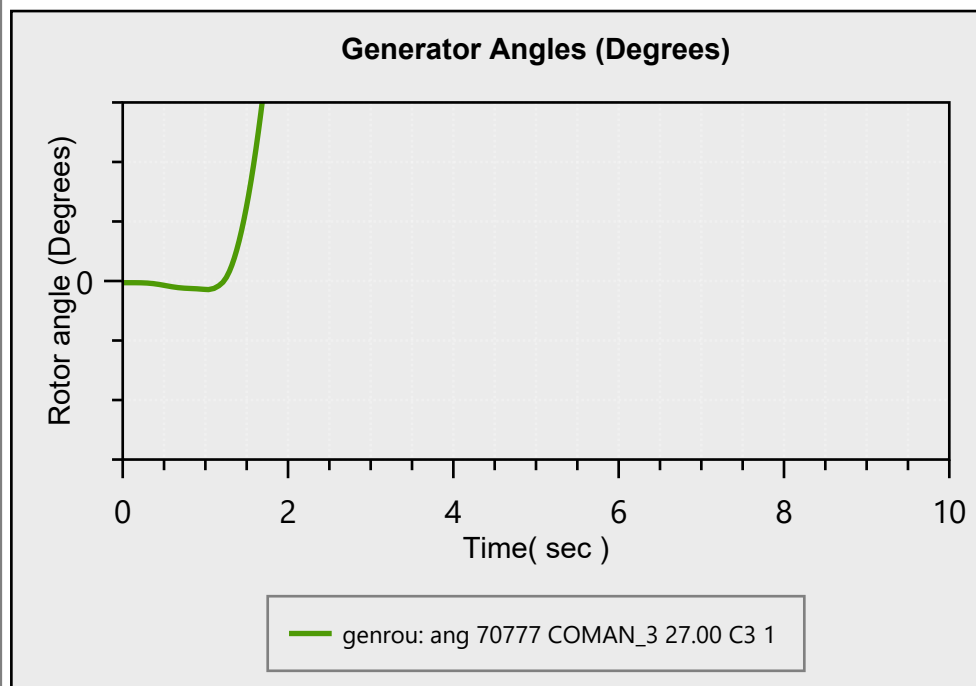
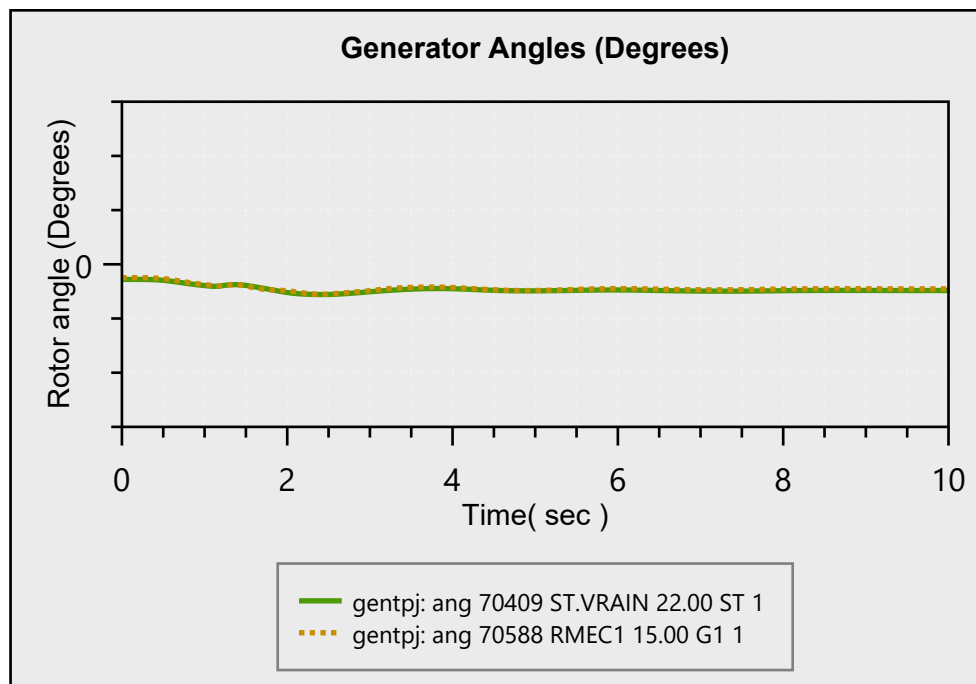
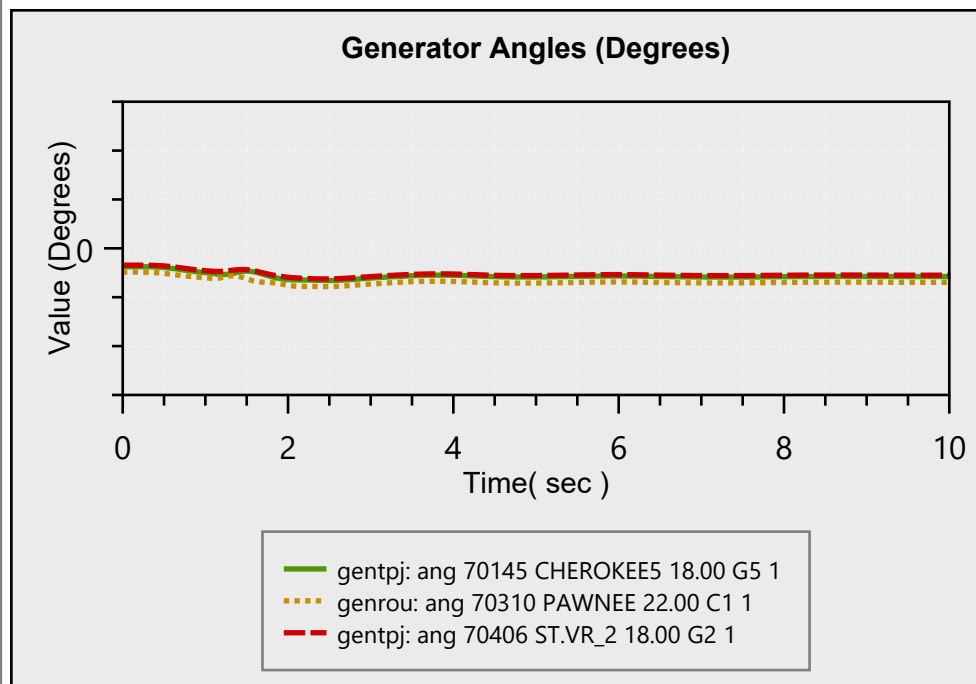
OUTPUTS



OUTPUTS

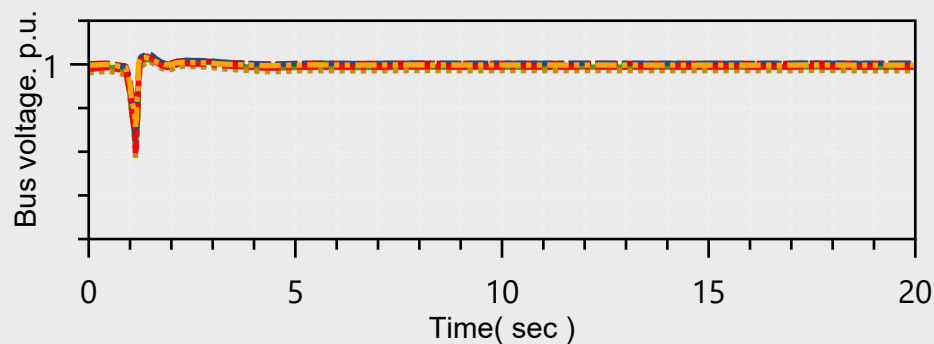


OUTPUTS



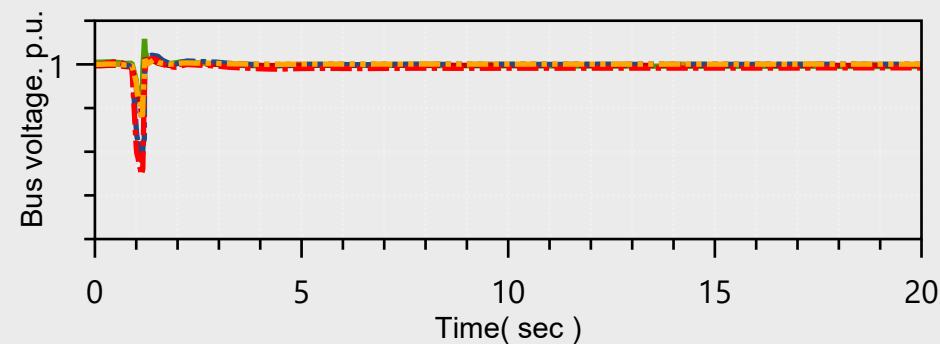
OUTPUTS

Voltage (pu)



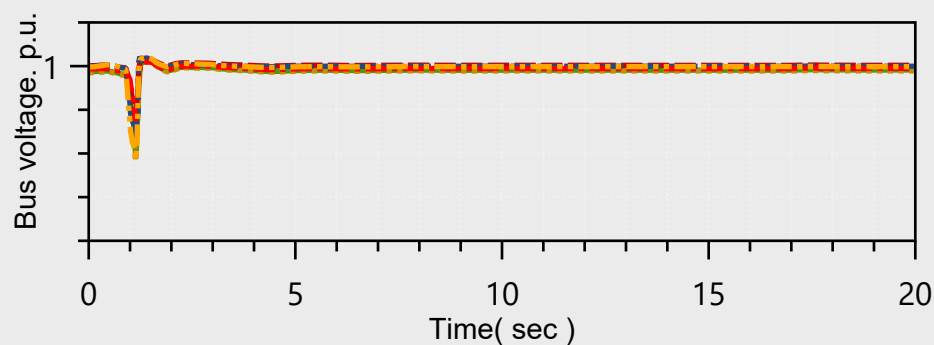
vmeta: vbus 70465 MIDWAY_PS 345.00 1 1
 vmeta: vbus 70466 WATERTON 345.00 1 1
 vmeta: vbus 70598 PAWNEE 345.00 1 1
 vmeta: vbus 70599 SMOKY_HL 345.00 1 1
 vmeta: vbus 70601 DANIEL_PK 345.00 1 1
 vmeta: vbus 70624 MISS_SITE 345.00 1 1

Voltage (pu)



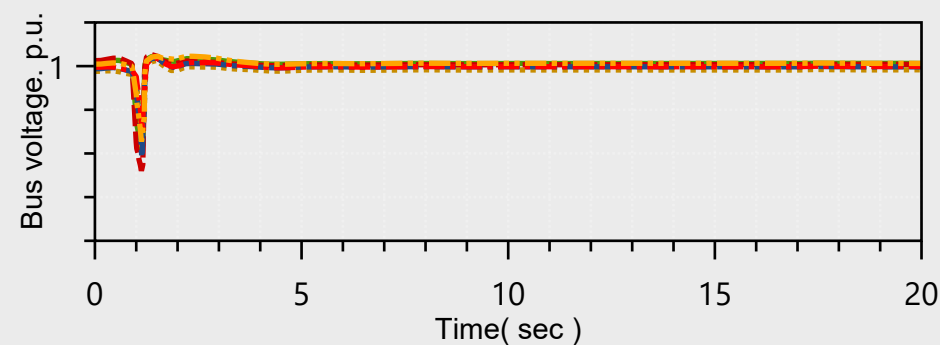
vmeta: vbus 70627 LIMON3 345.00 1 1
 vmeta: vbus 70628 PRONGHORN 345.00 1 1
 vmeta: vbus 70630 SHORTGRASS 345.00 1 1
 vmeta: vbus 70653 TUNDRA 345.00 1 1
 vmeta: vbus 70654 COMANCHE 345.00 1 1
 vmeta: vbus 70764 RUSHCK1_W1W2 345.00 1 1

Voltage (pu)



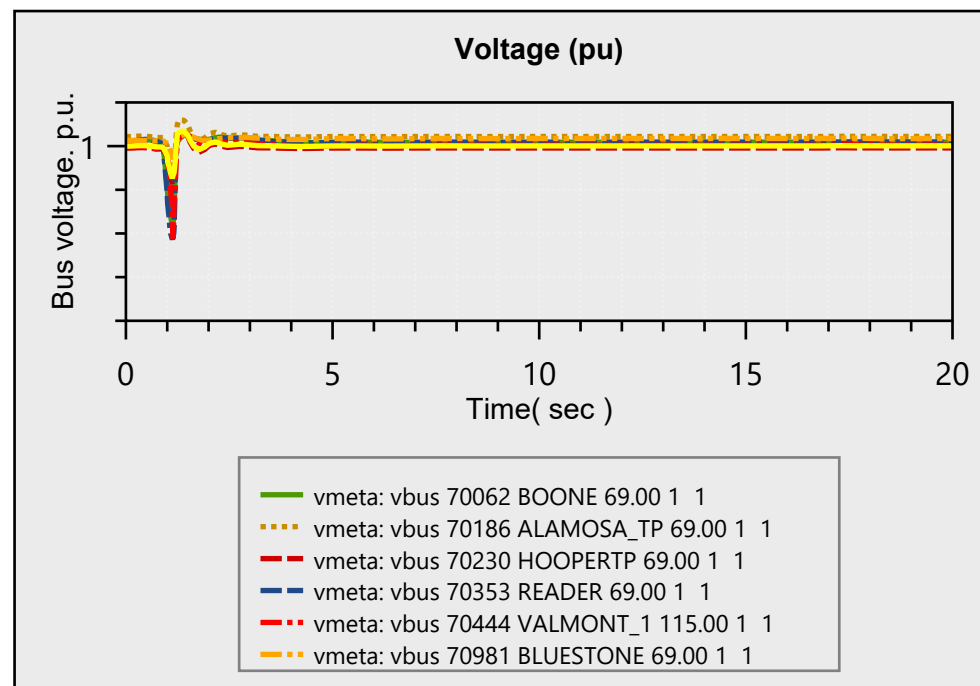
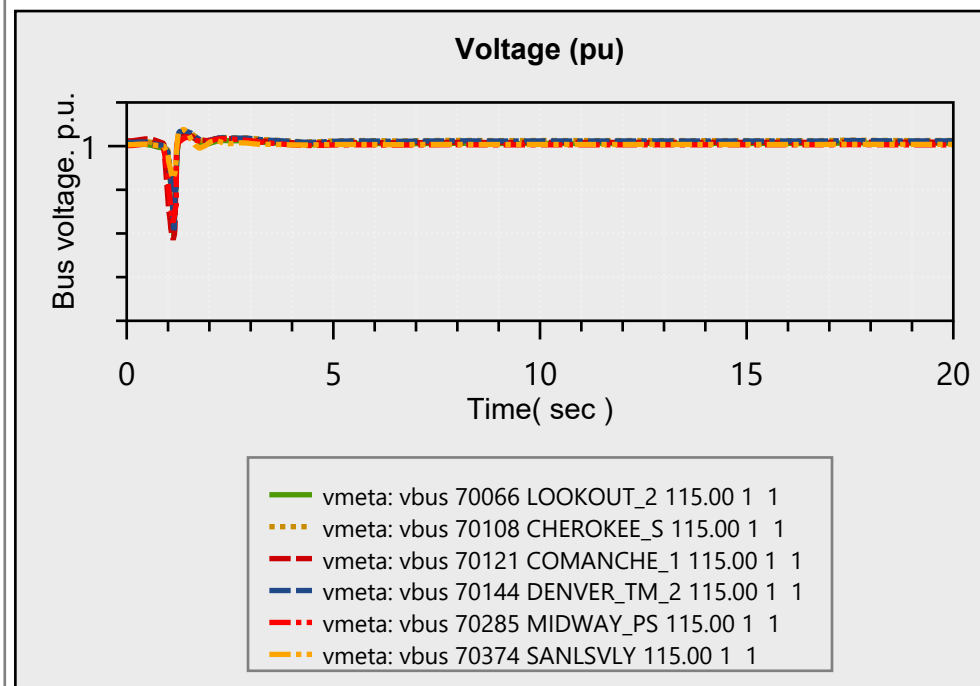
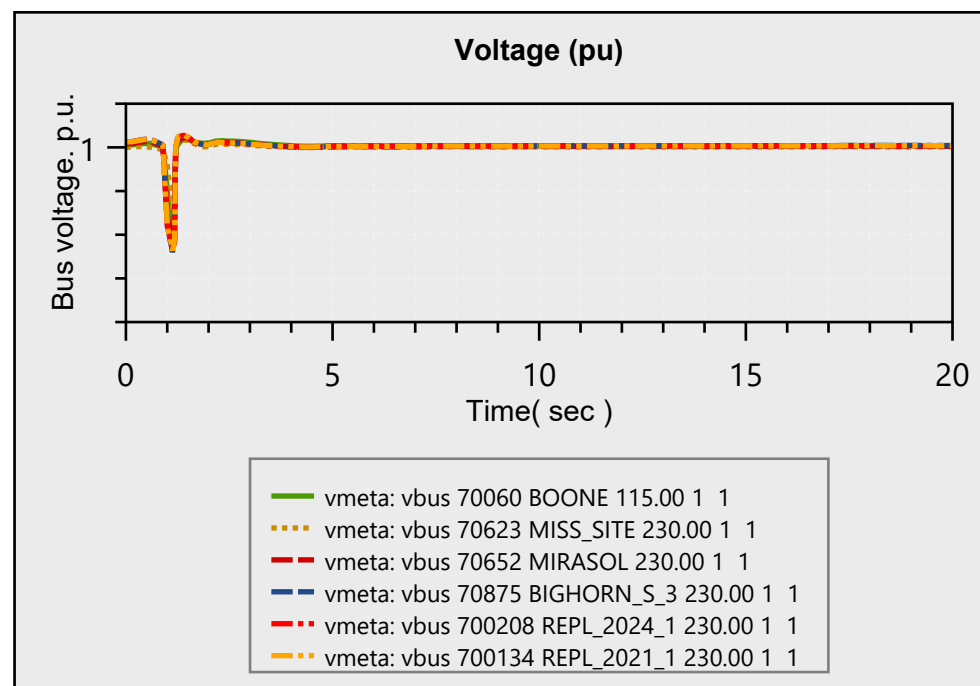
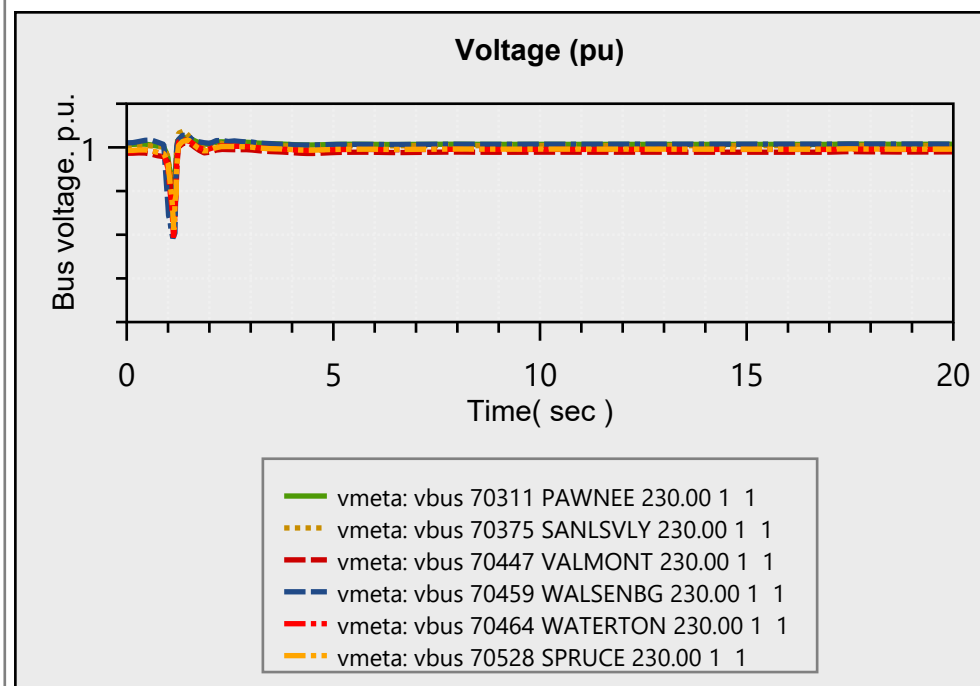
vmeta: vbus 70018 SODA_LAKES 230.00 1 1
 vmeta: vbus 70038 ARAPAHOE 230.00 1 1
 vmeta: vbus 70915 CANAL_XING 345.00 1 1
 vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
 vmeta: vbus 70916 FT_ST_VRAIN 345.00 1 1
 vmeta: vbus 70921 SANDSTONE 345.00 1 1

Voltage (pu)

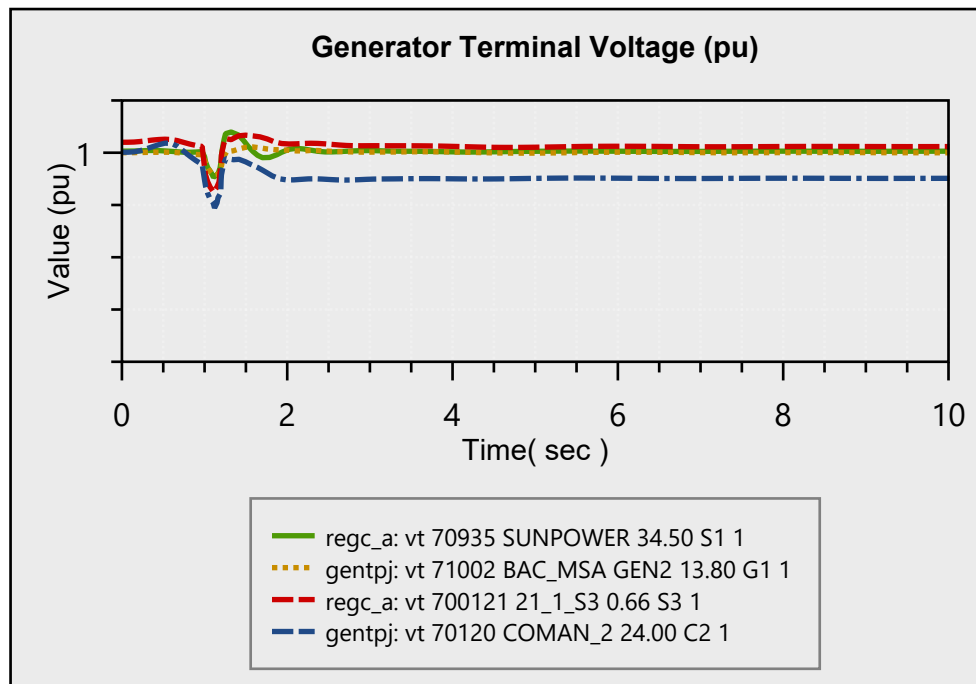
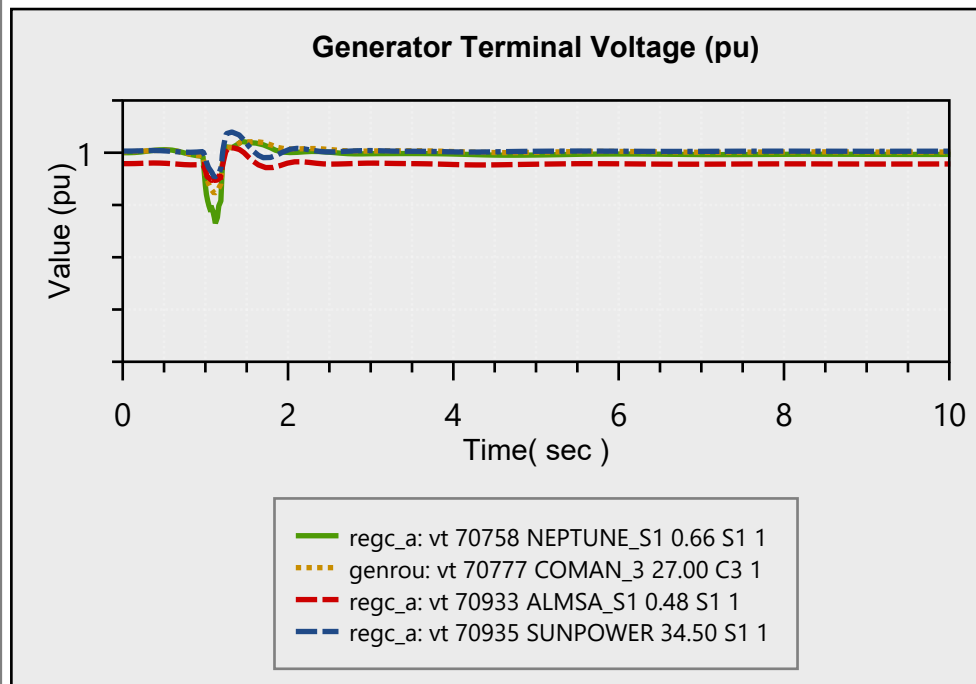
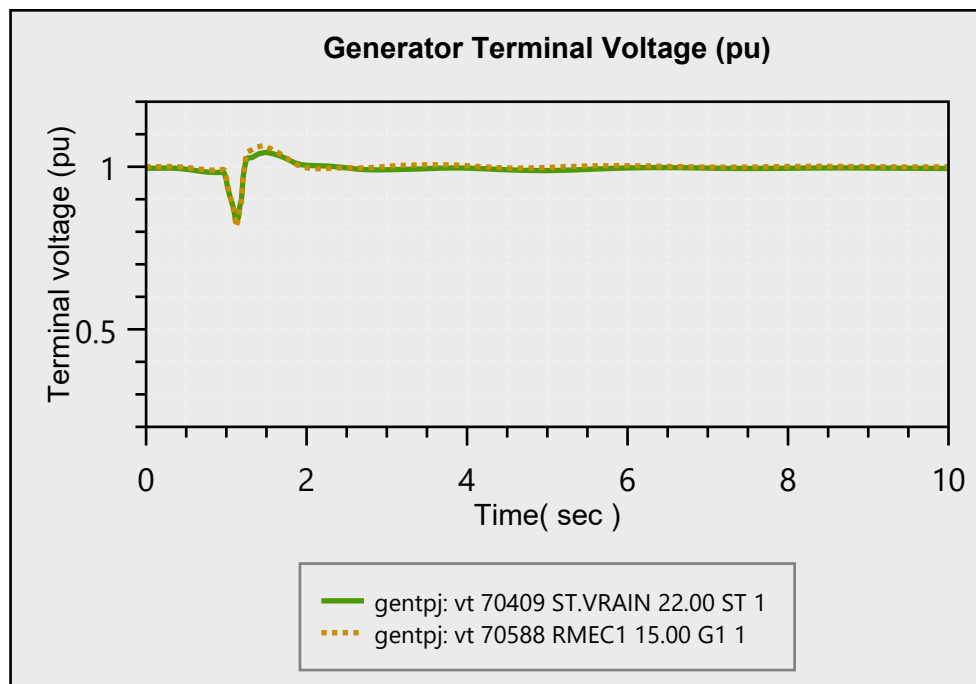
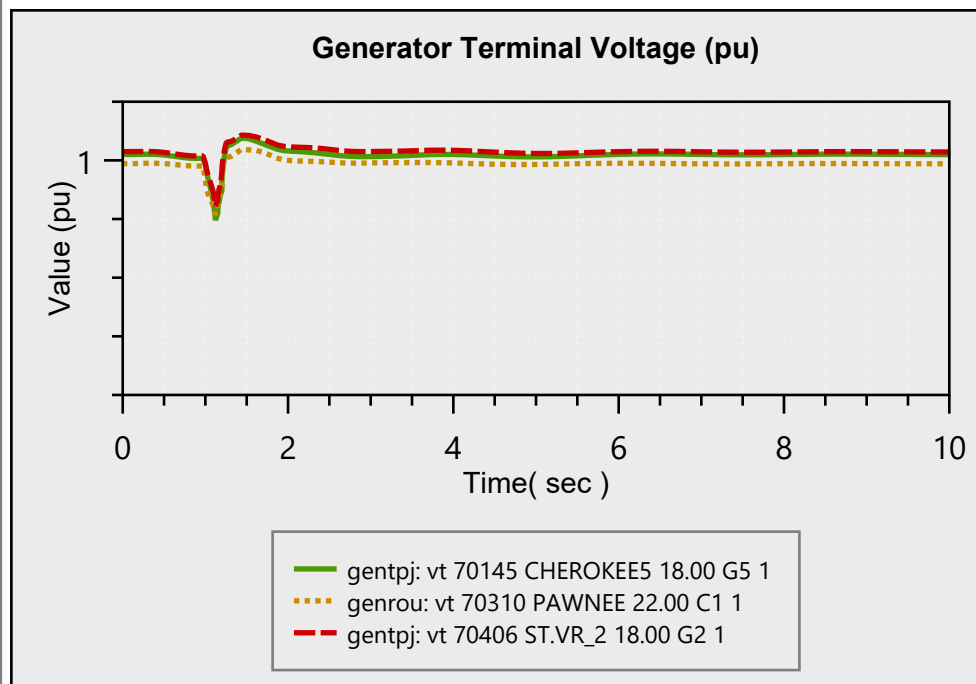


vmeta: vbus 70061 BOONE 230.00 1 1
 vmeta: vbus 70107 CHEROKEE 230.00 1 1
 vmeta: vbus 70122 COMANCHE 230.00 1 1
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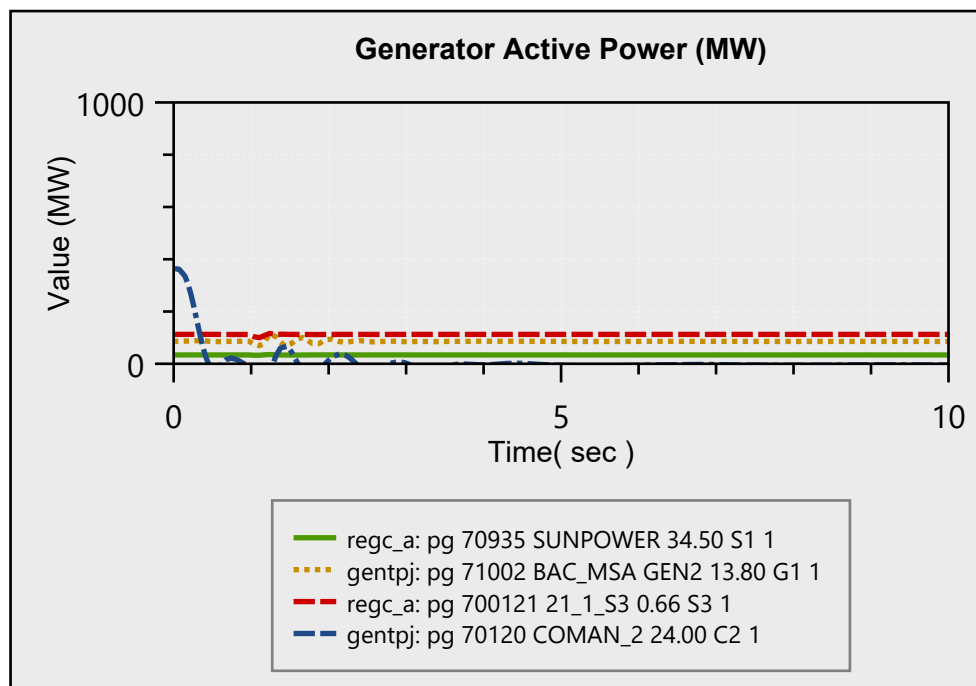
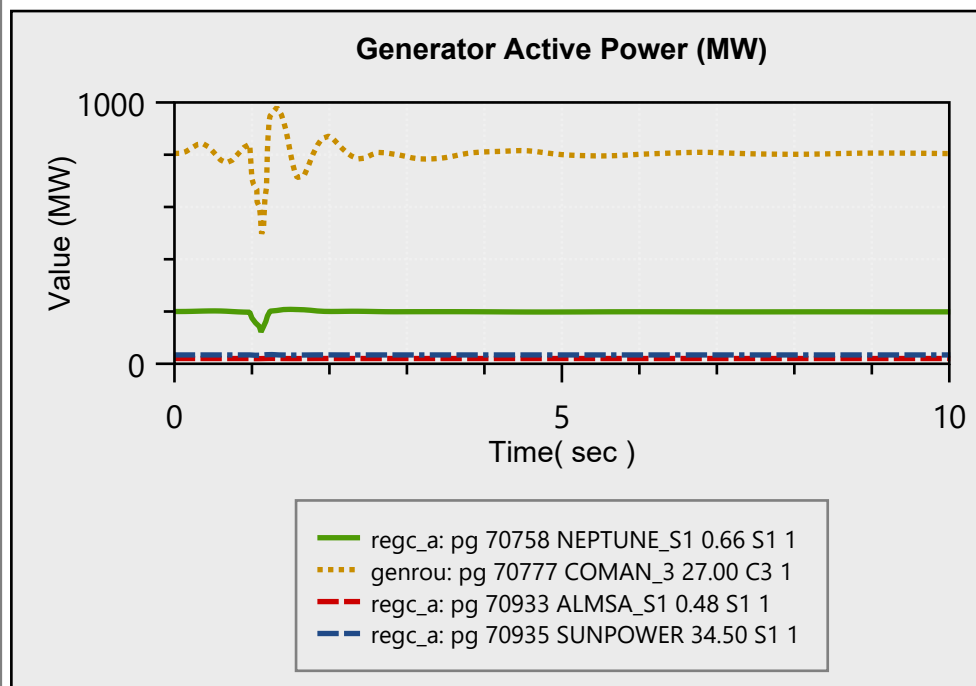
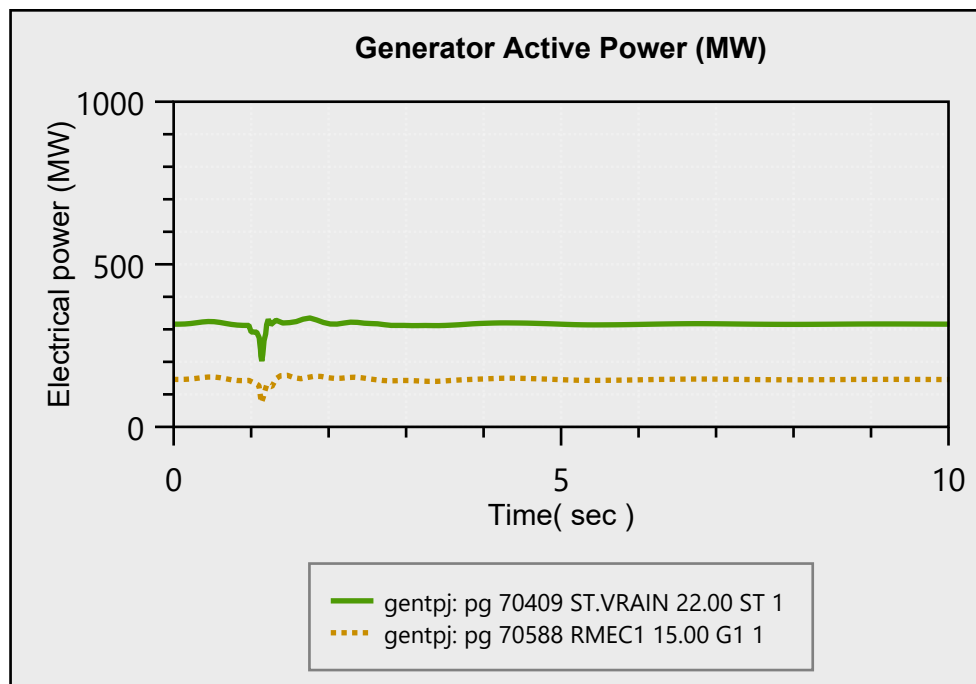
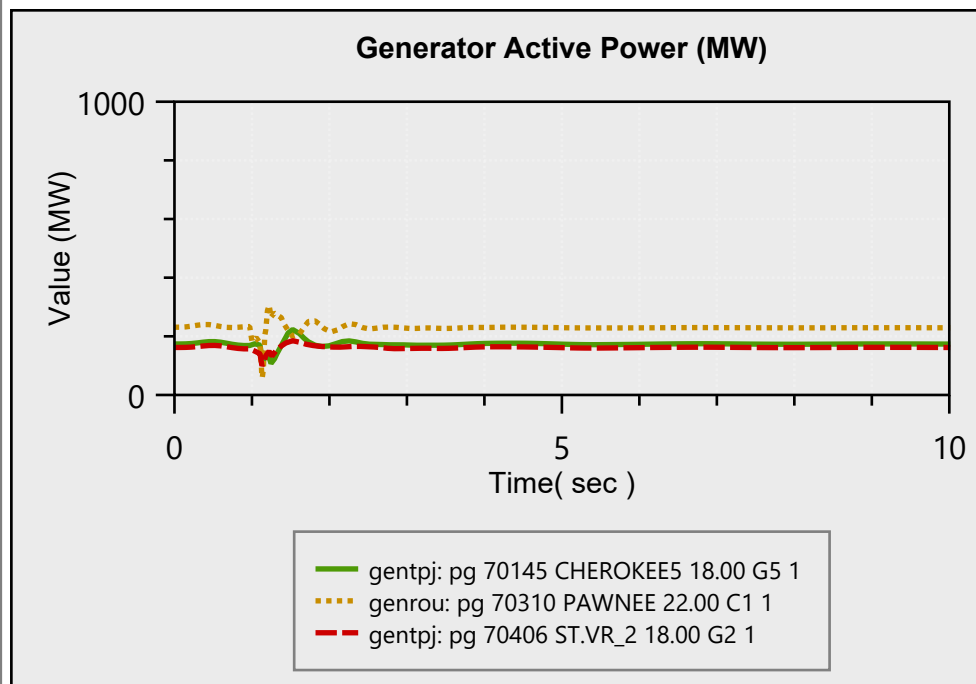
OUTPUTS



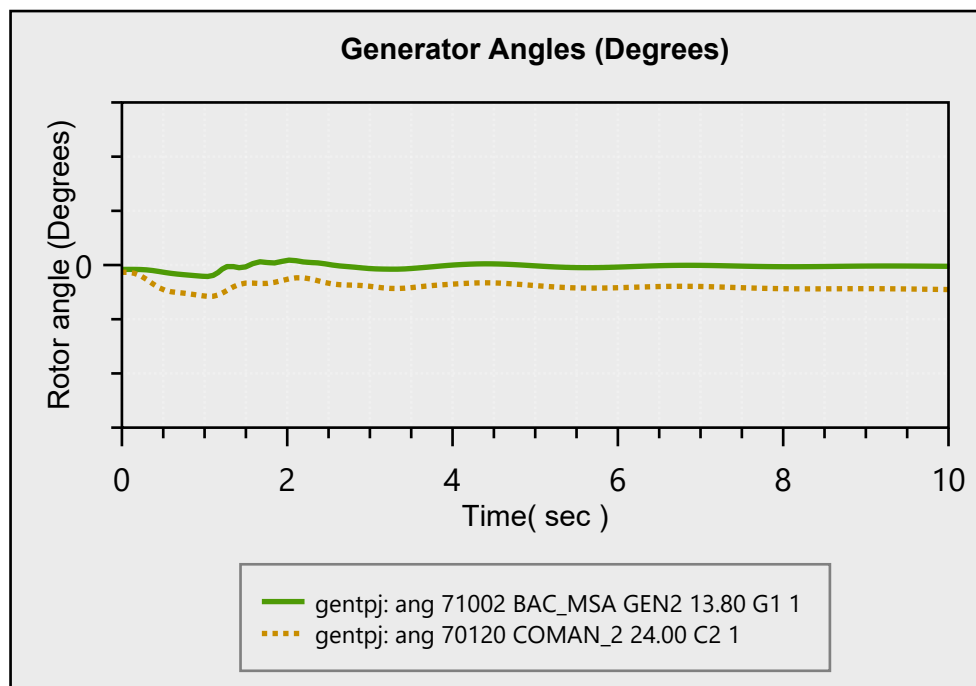
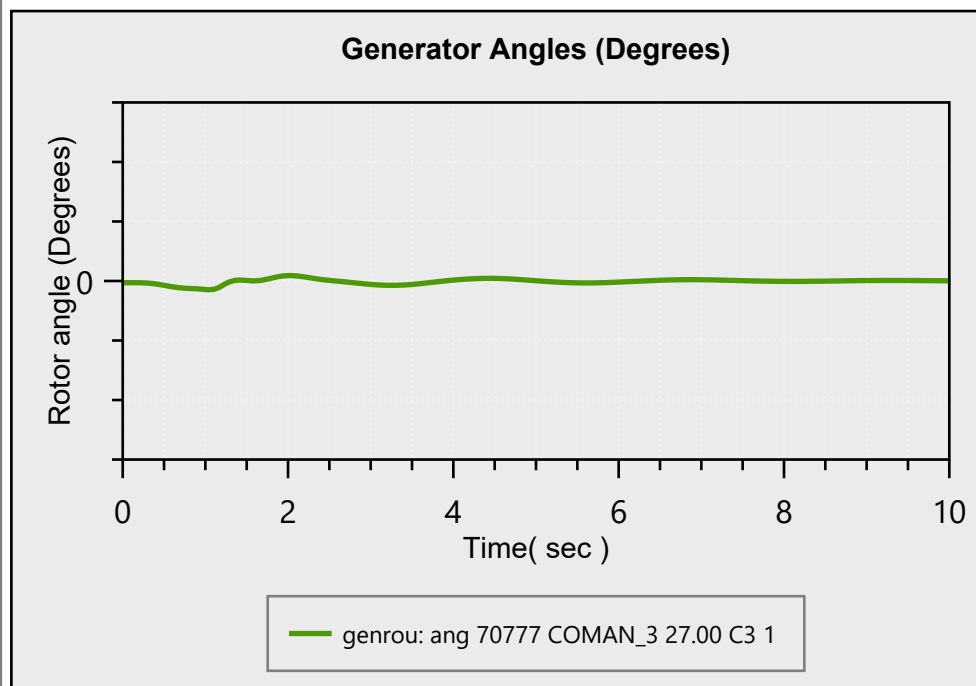
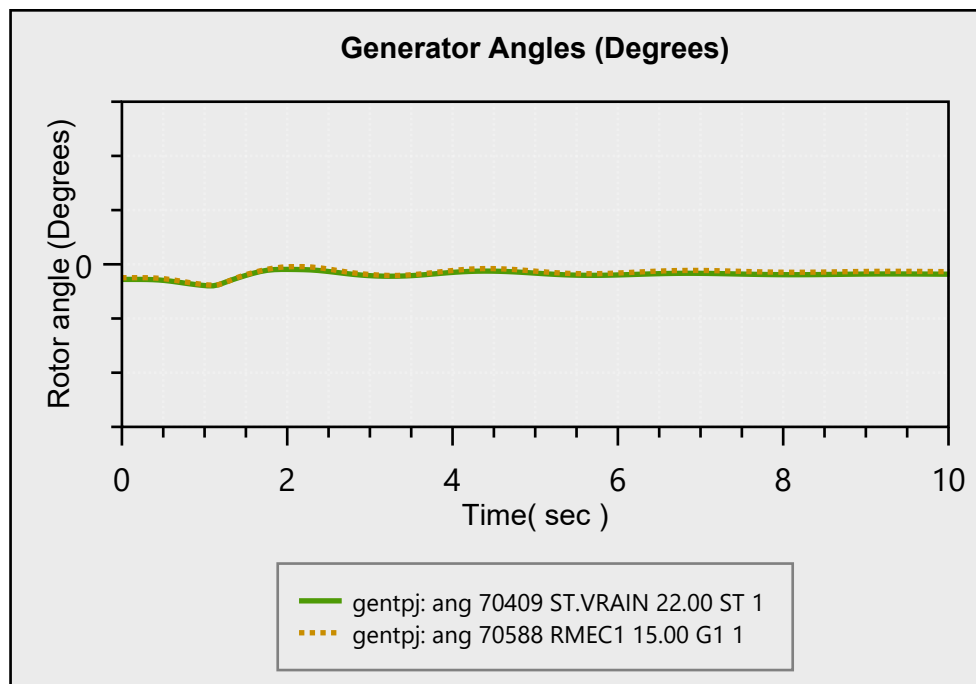
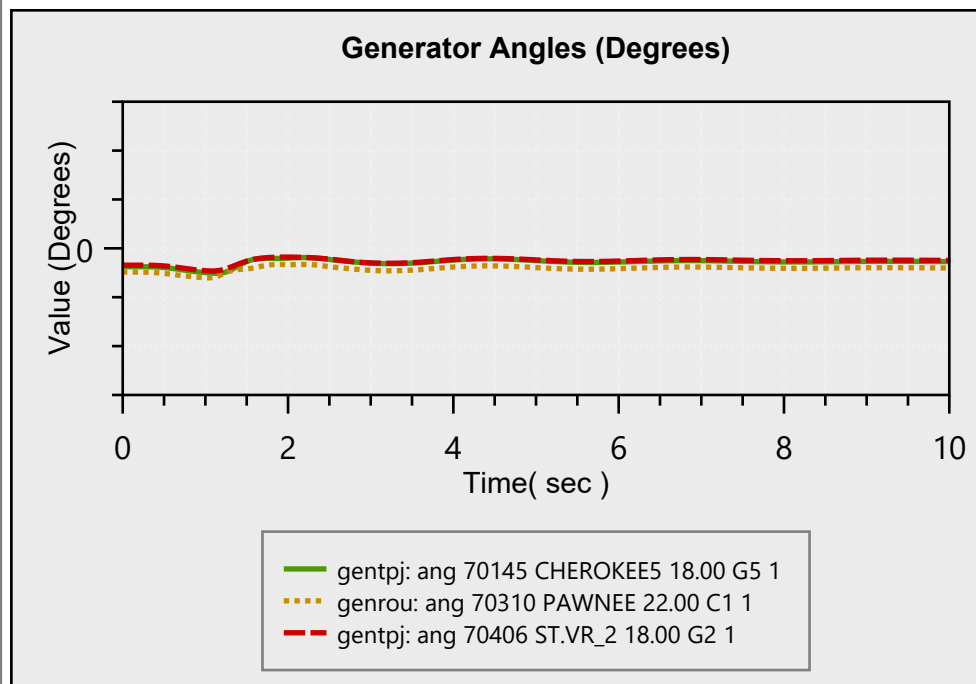
OUTPUTS



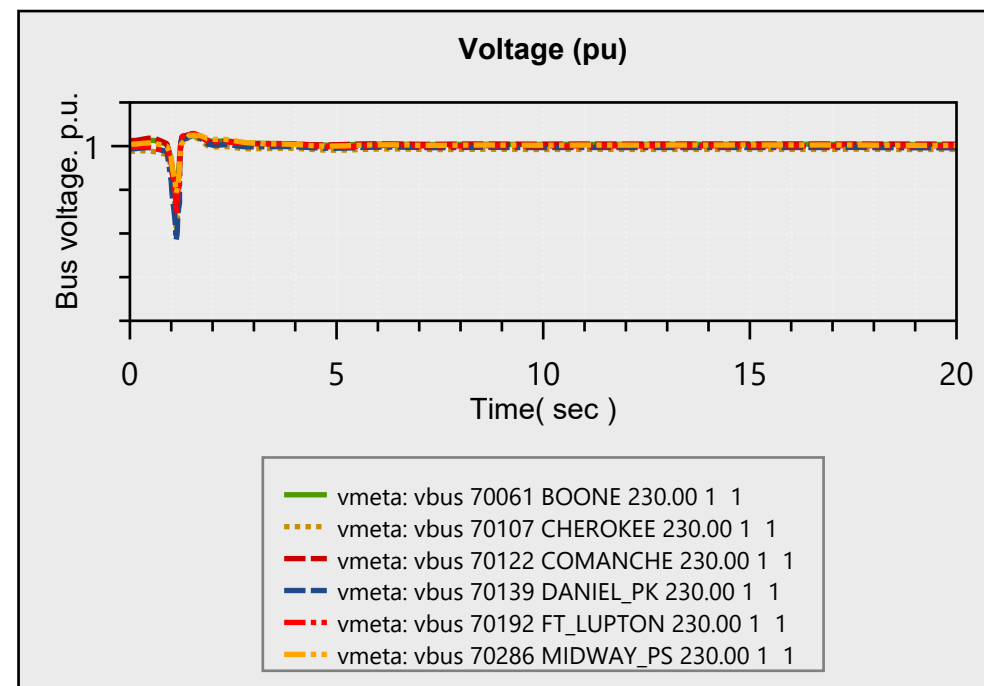
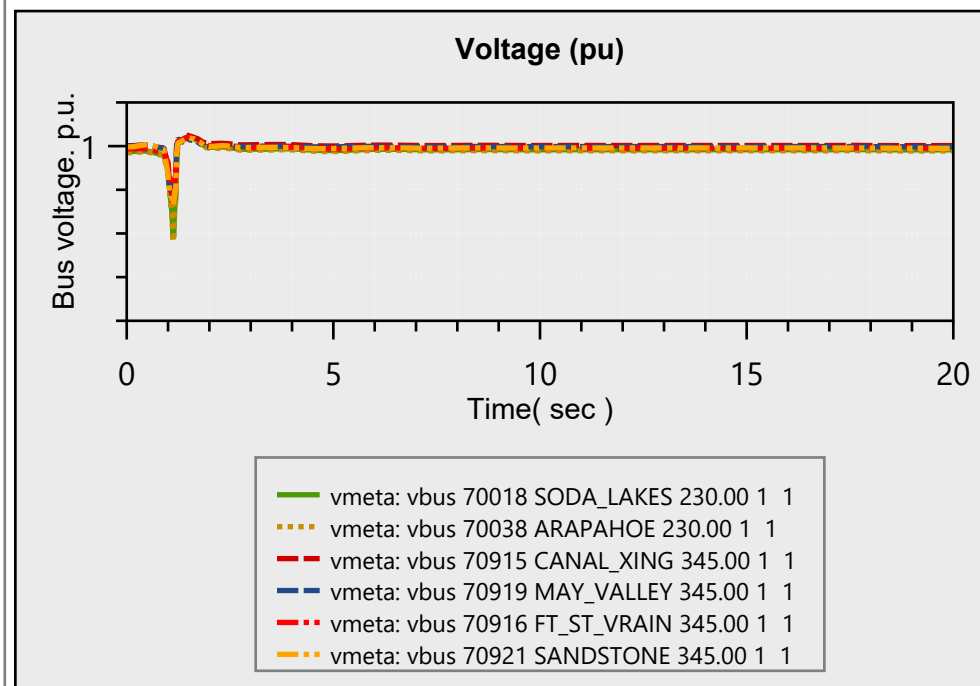
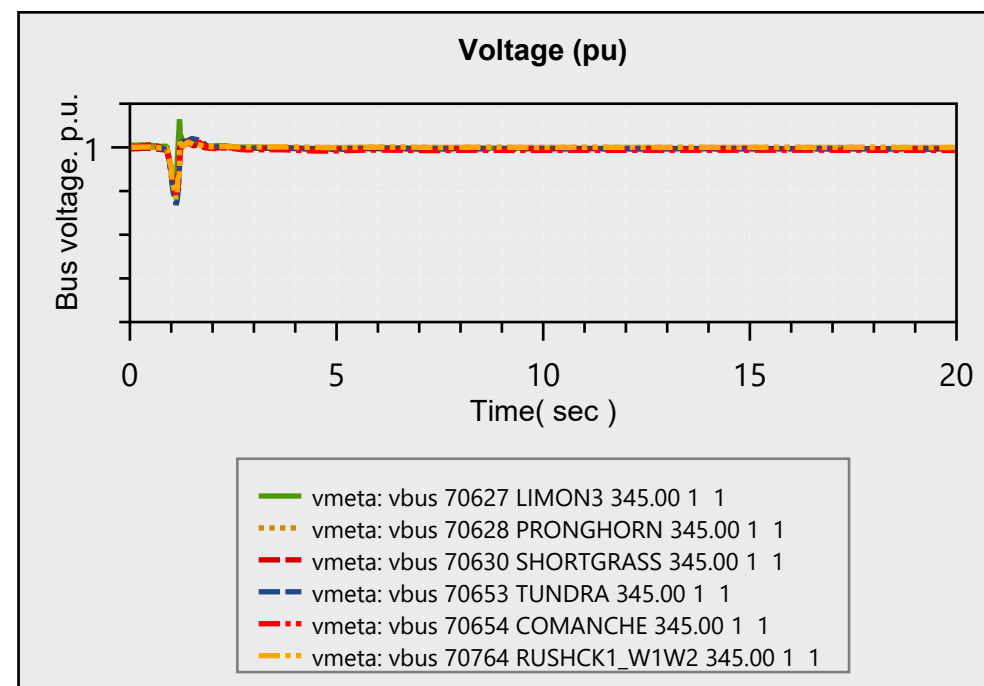
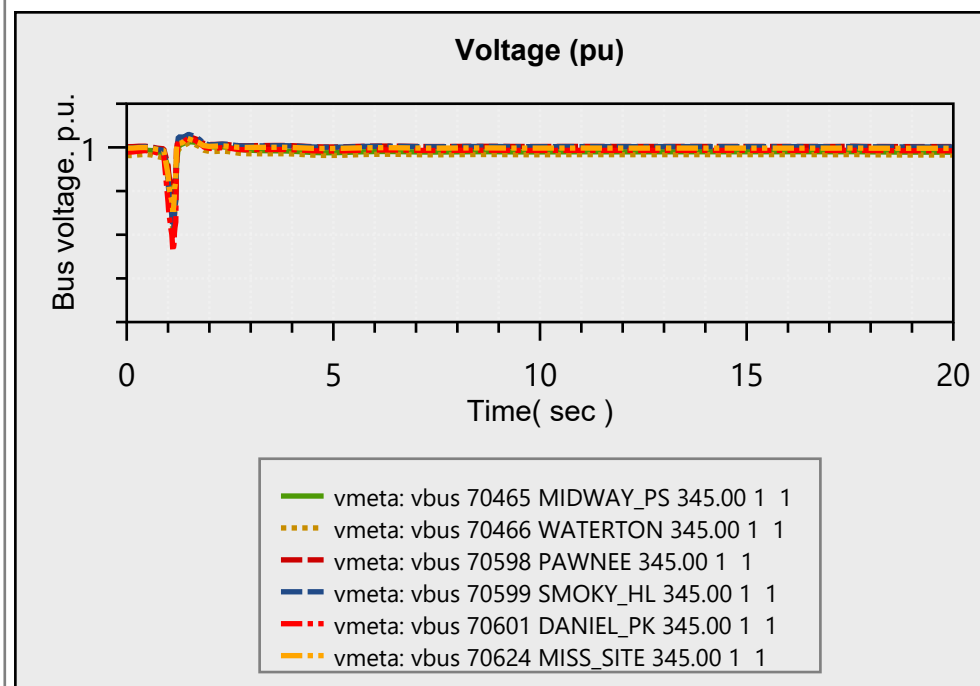
OUTPUTS



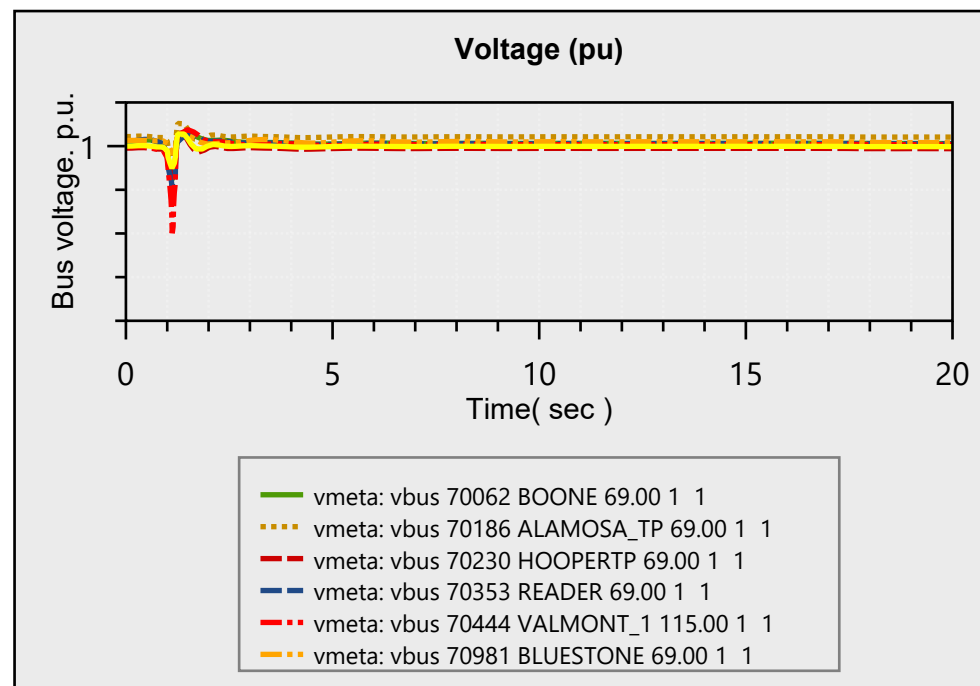
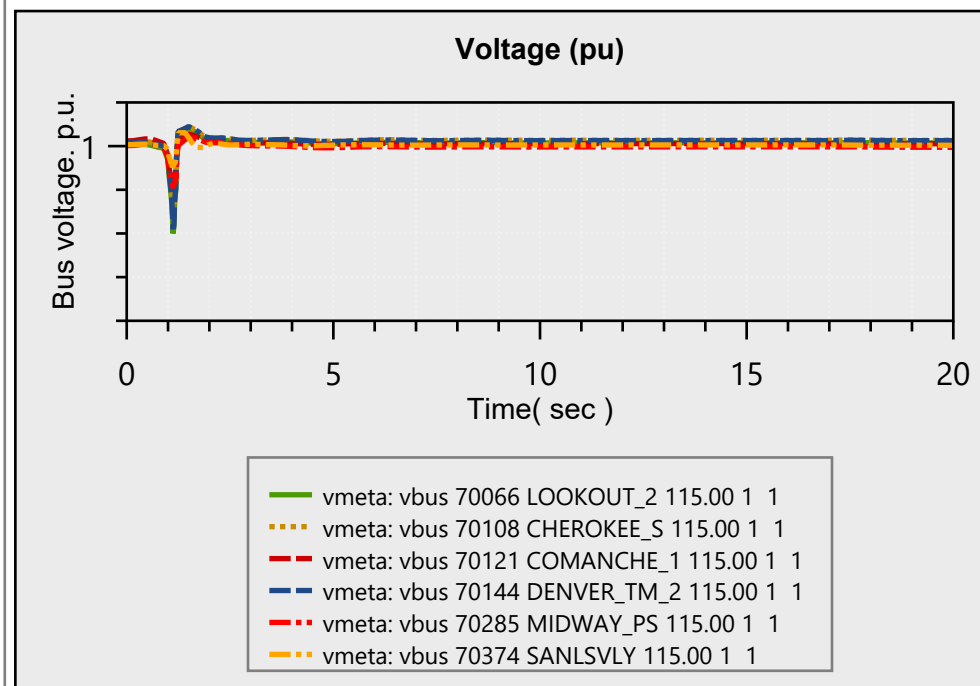
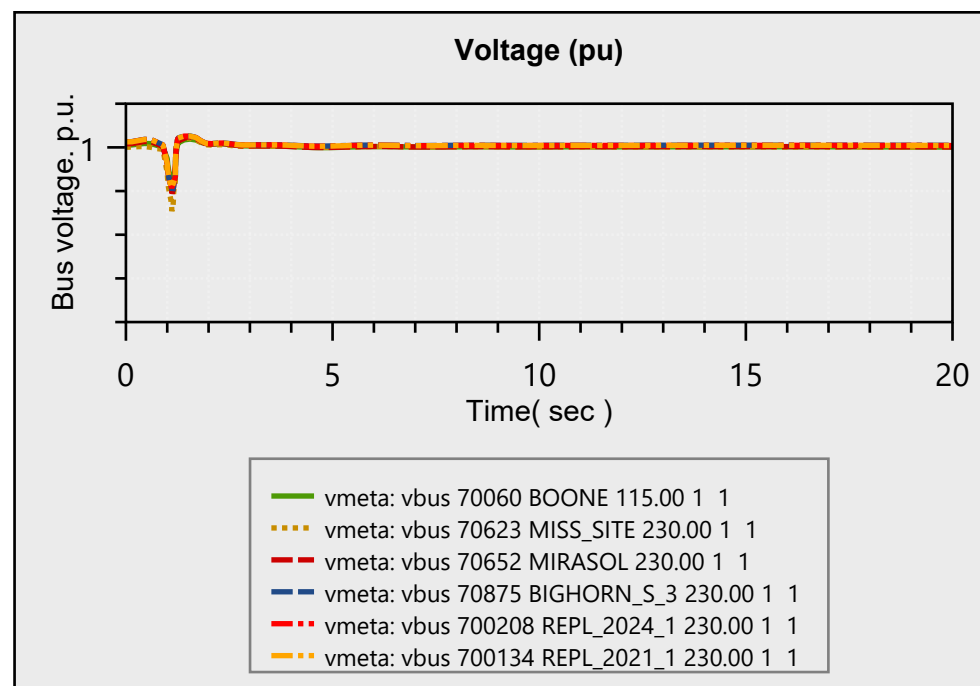
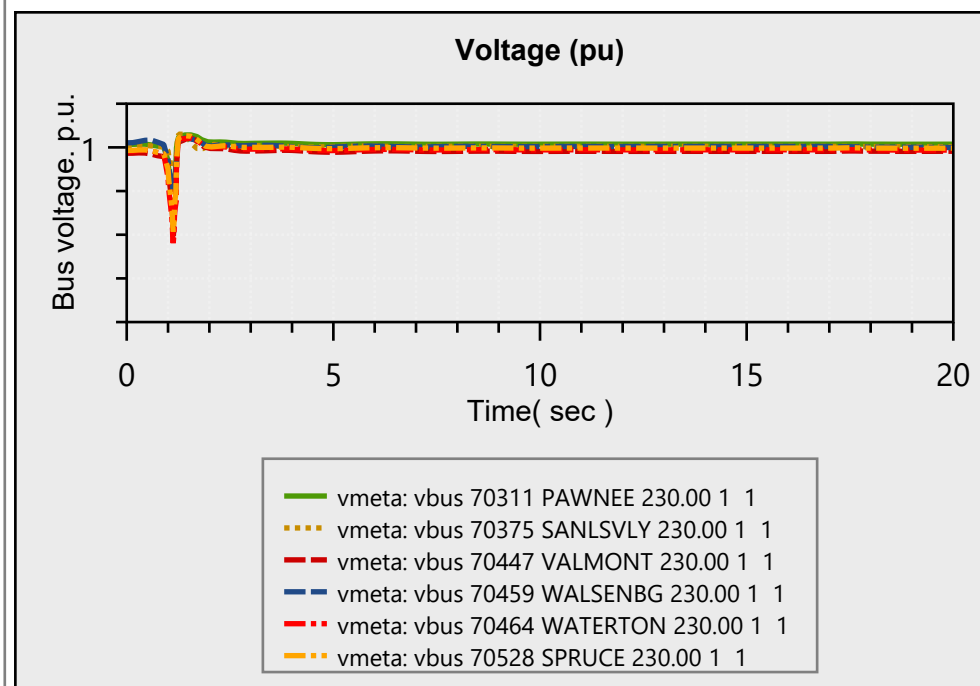
OUTPUTS



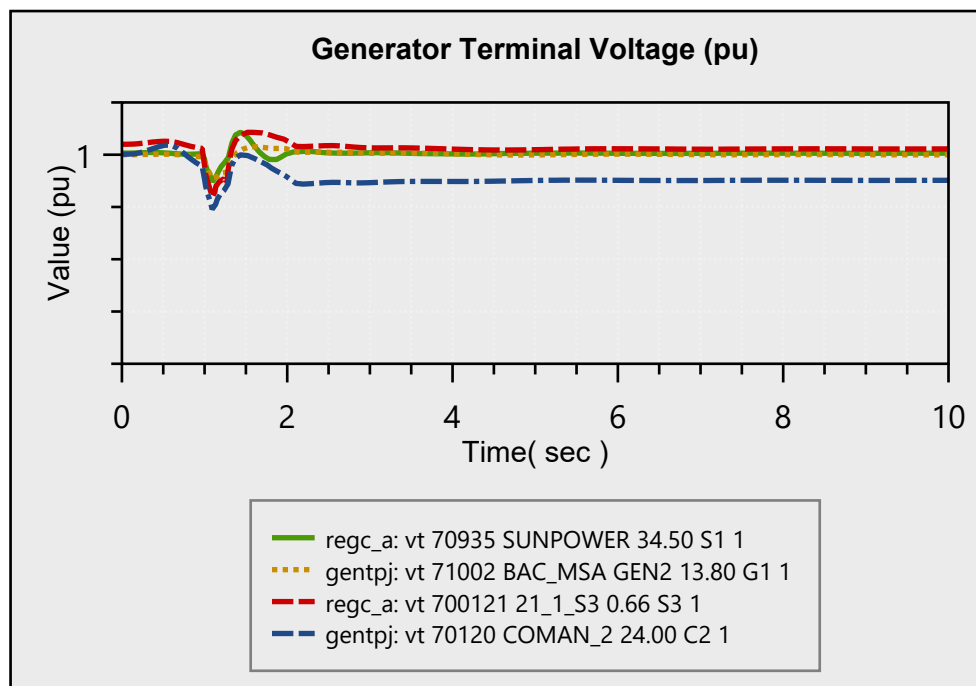
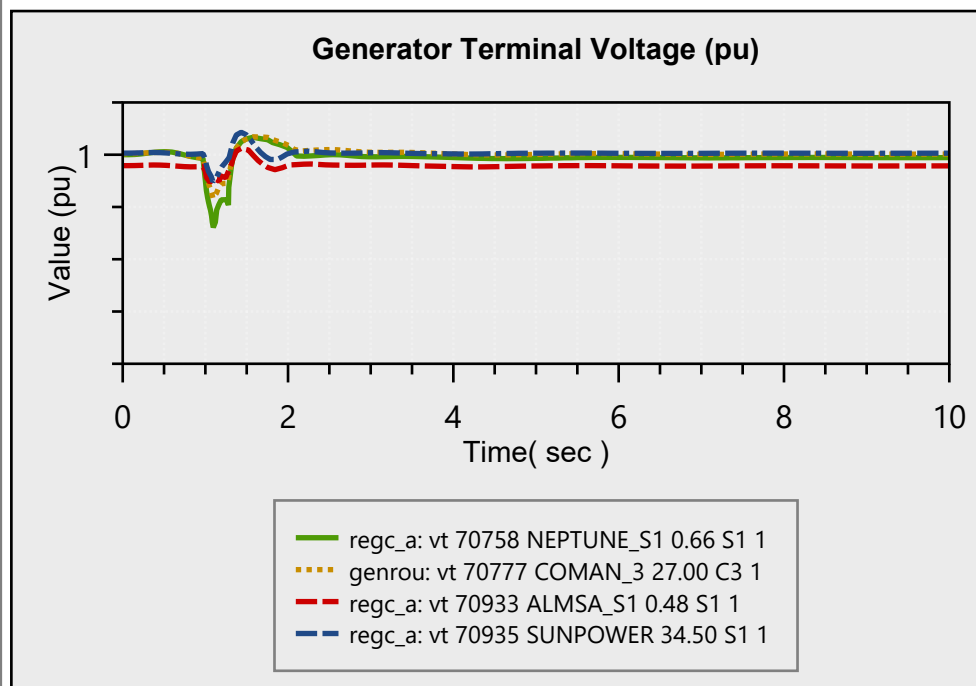
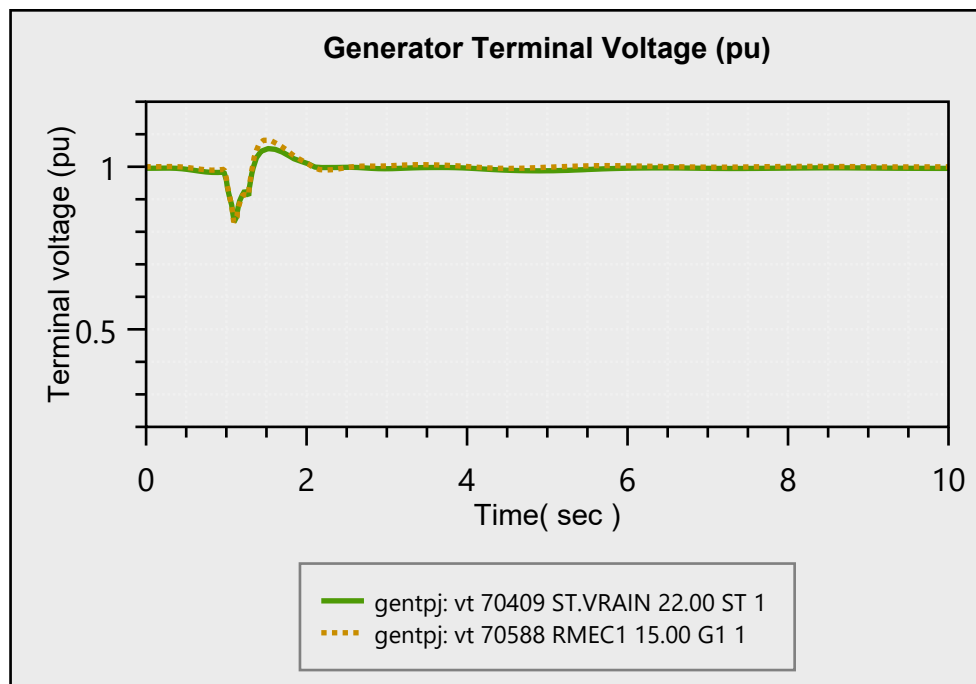
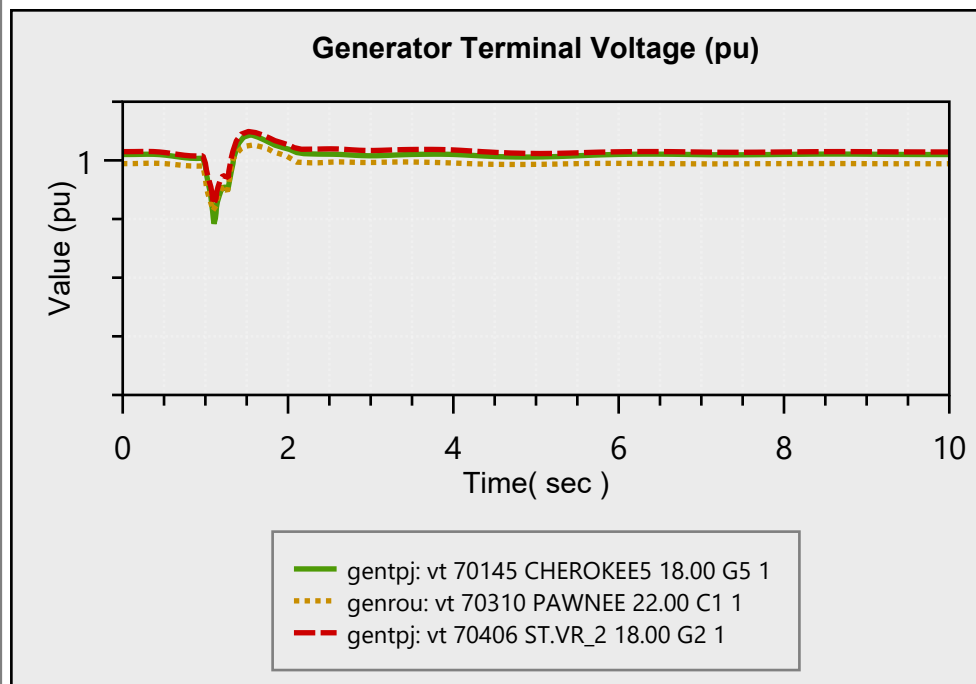
OUTPUTS



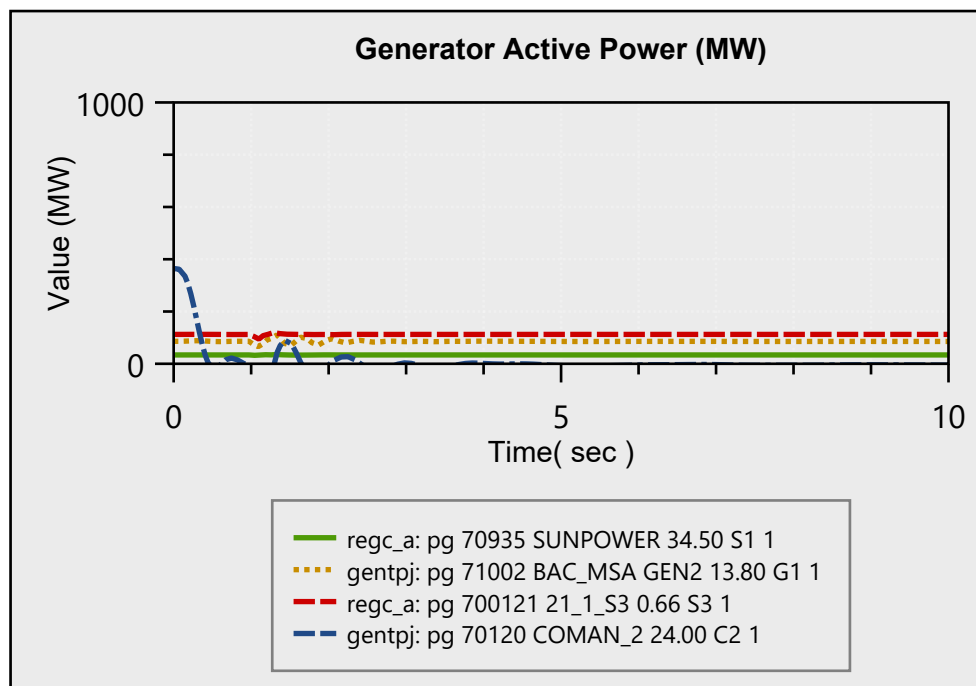
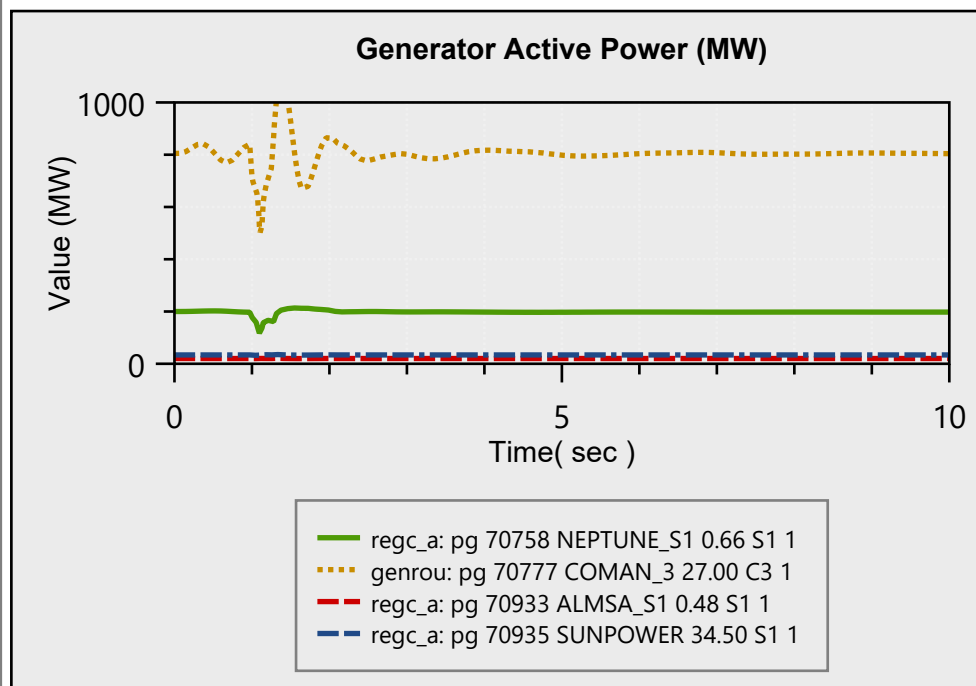
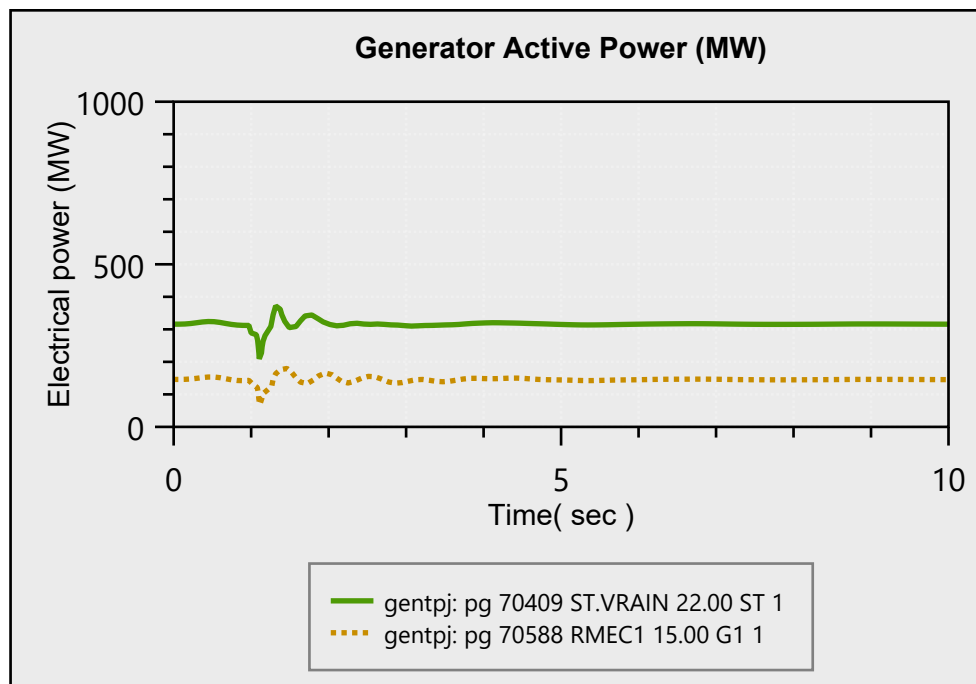
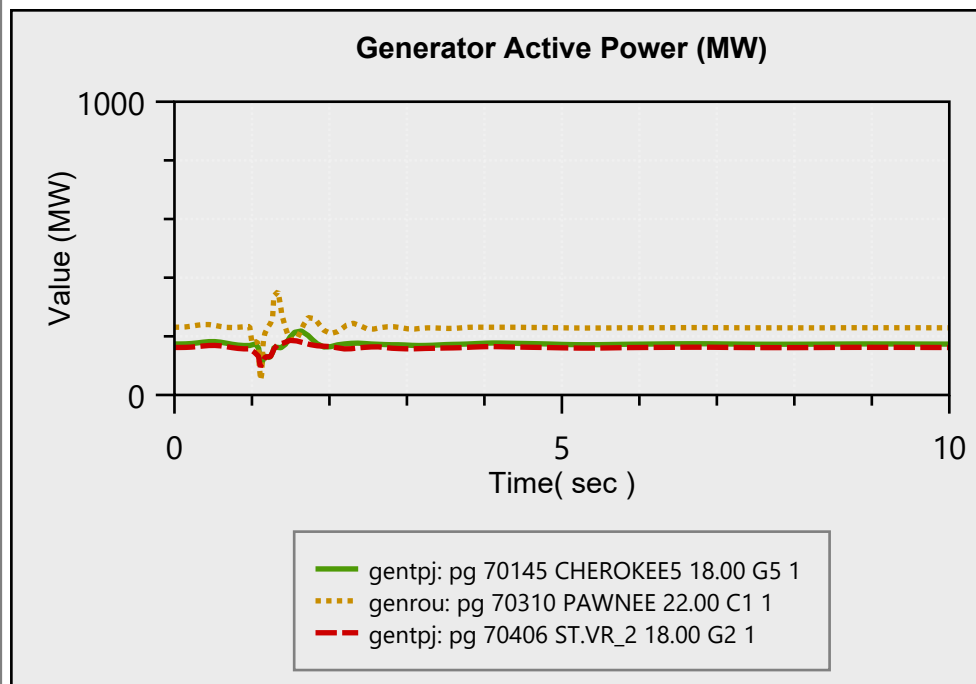
OUTPUTS



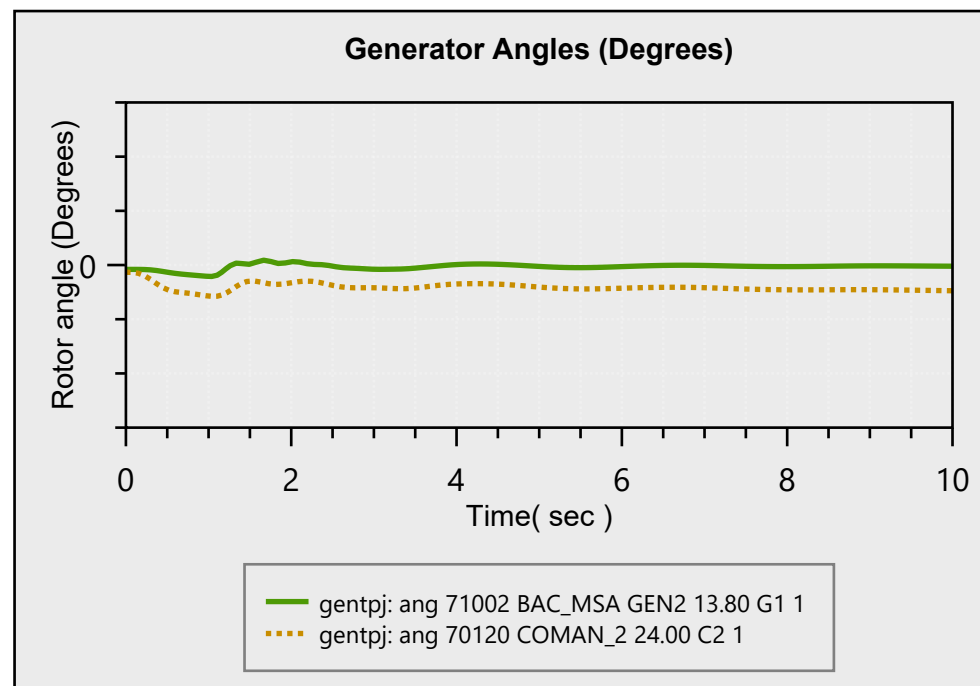
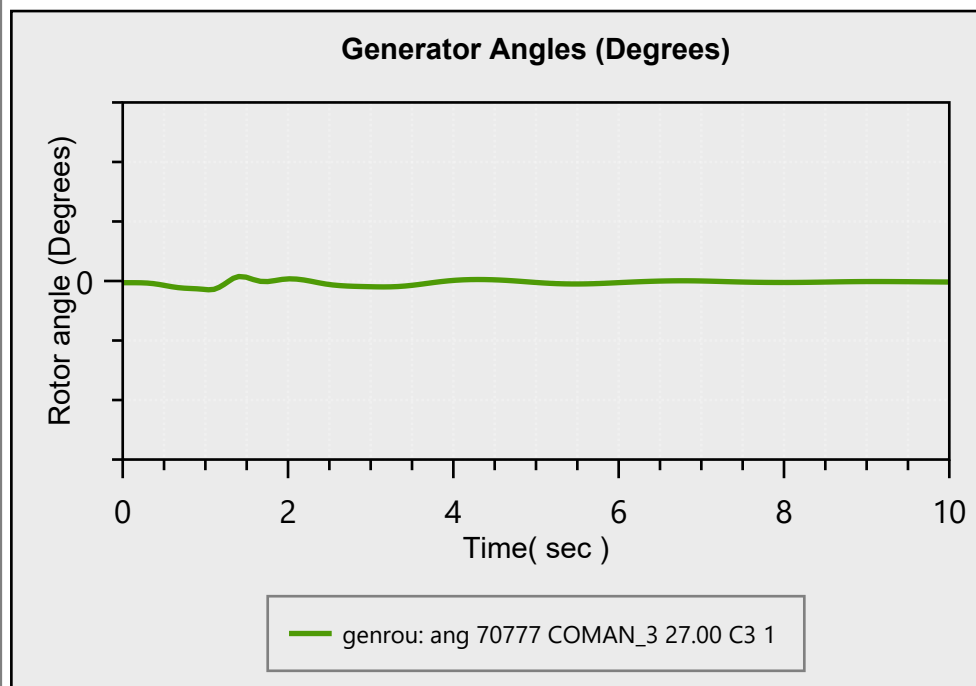
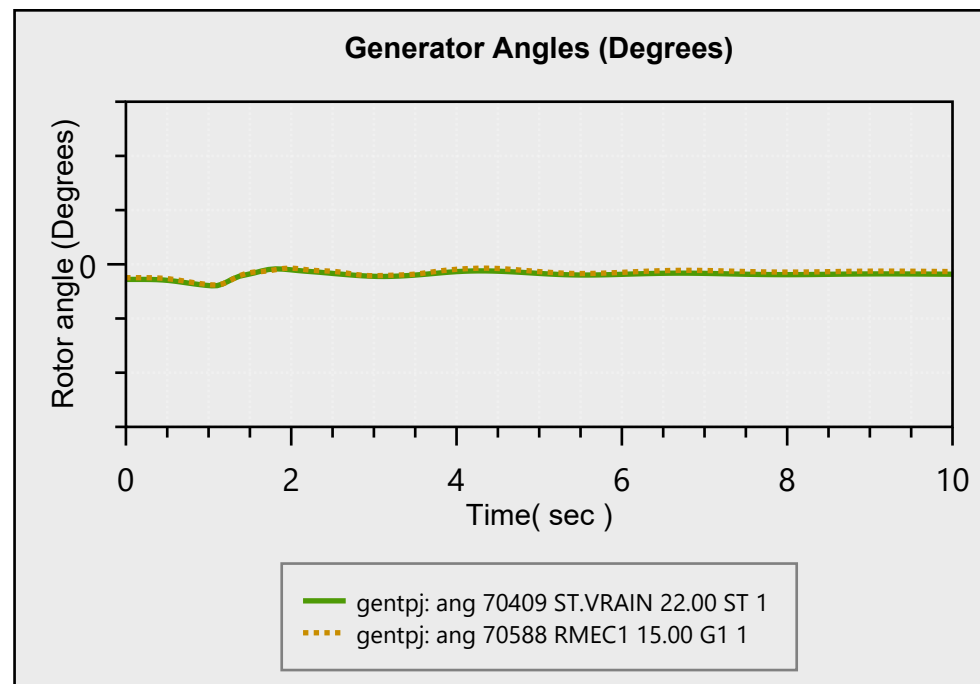
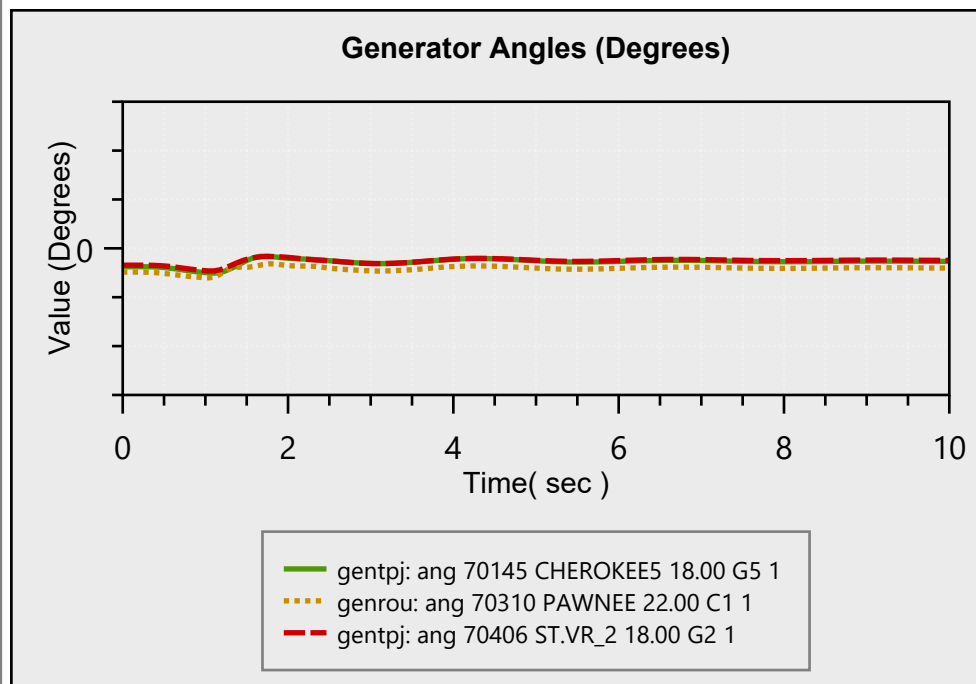
OUTPUTS



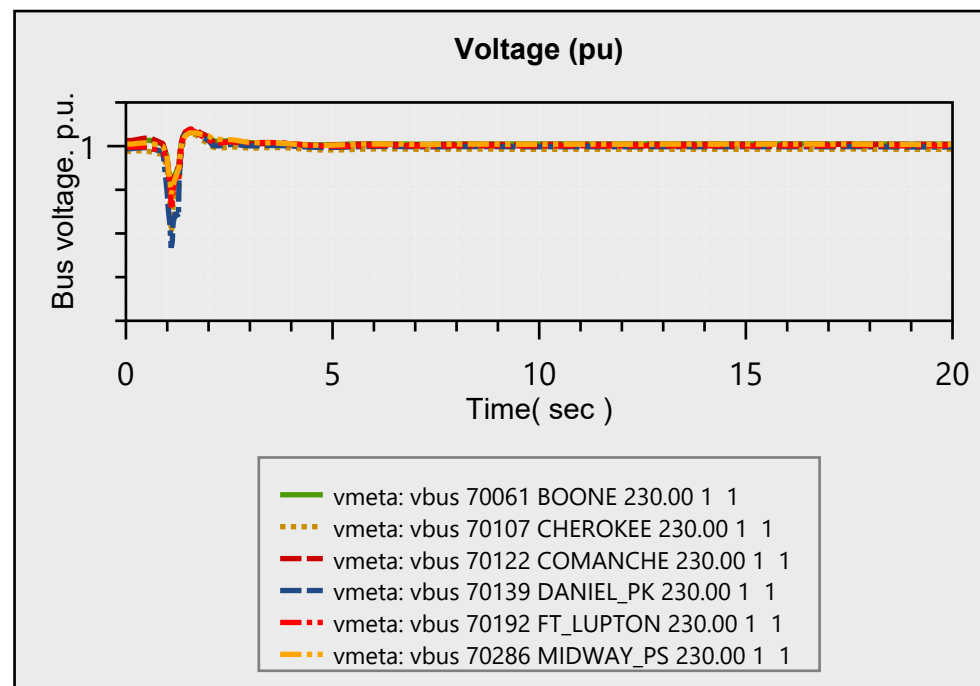
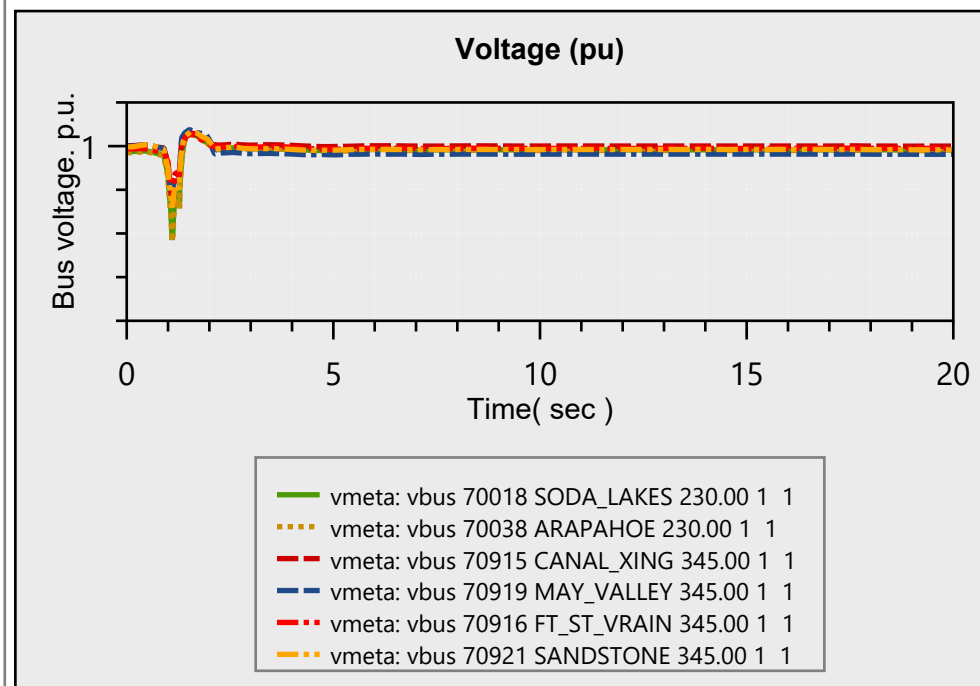
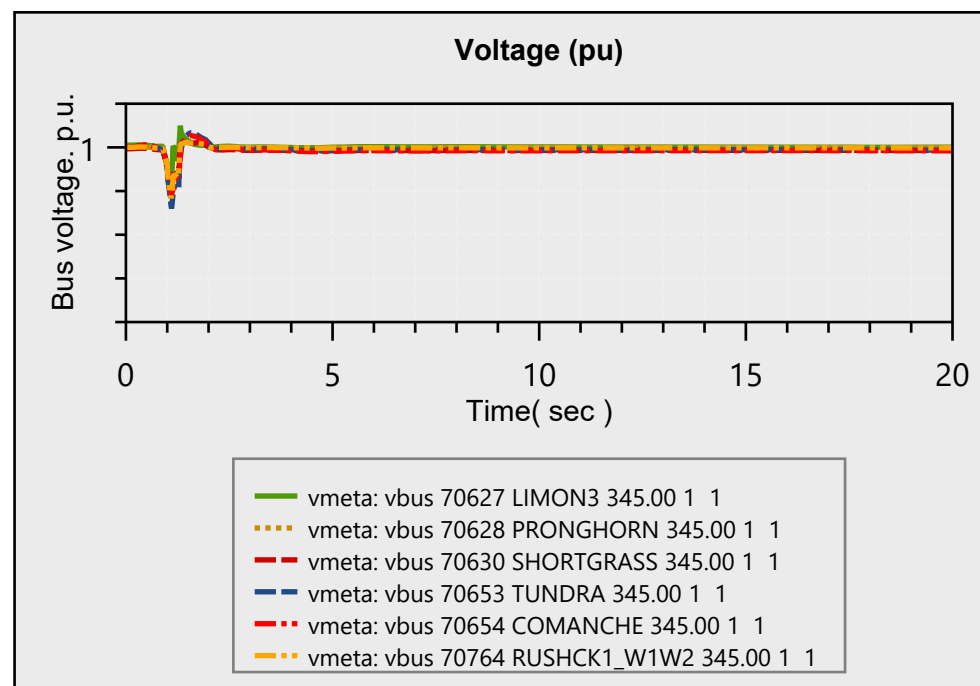
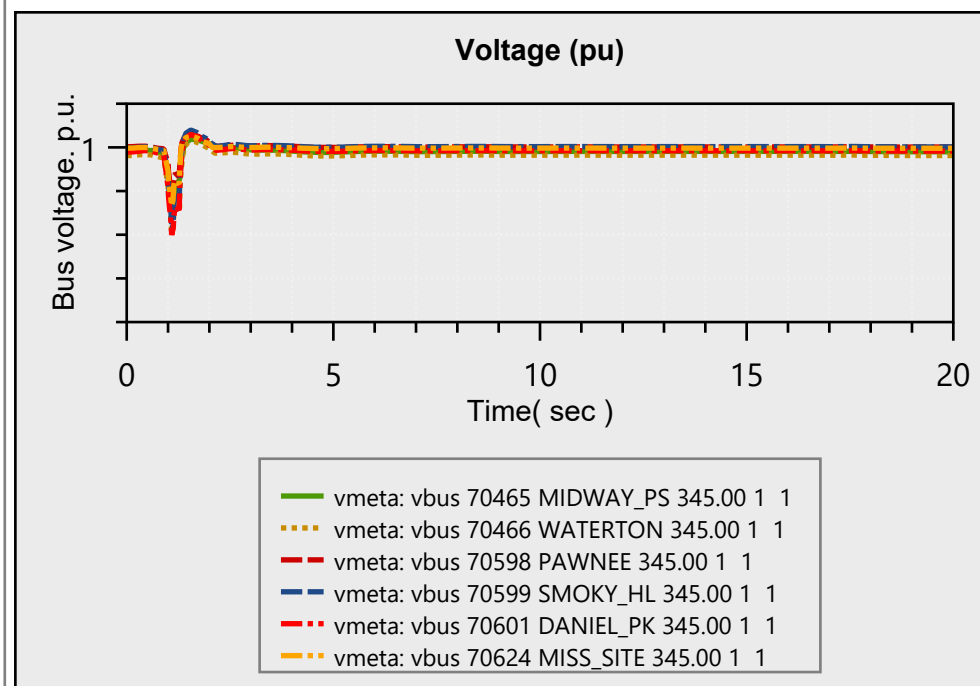
OUTPUTS



OUTPUTS

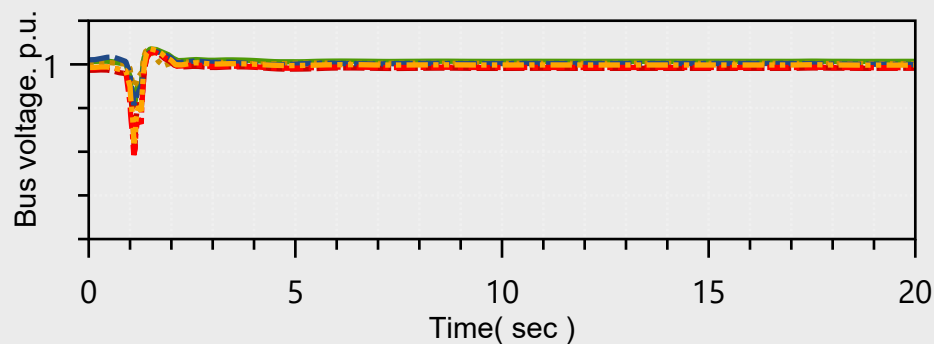


OUTPUTS



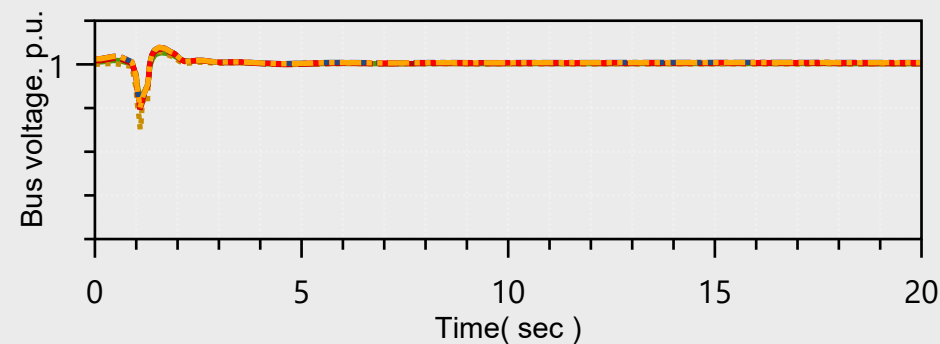
OUTPUTS

Voltage (pu)



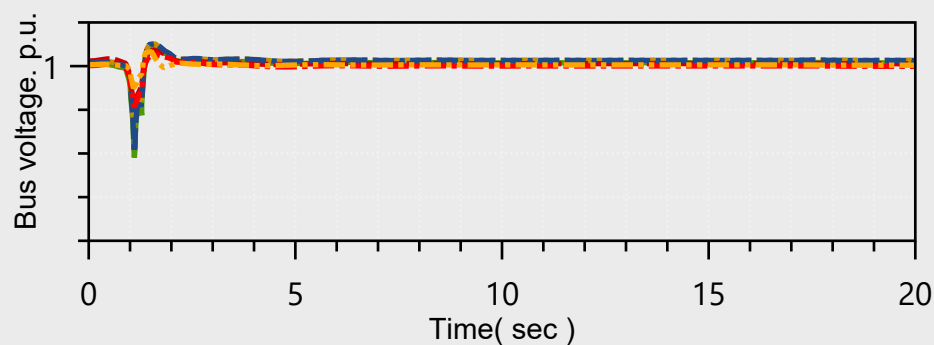
vmeta: vbus 70311 PAWNEE 230.00 1 1
 vmeta: vbus 70375 SANLSVLY 230.00 1 1
 vmeta: vbus 70447 VALMONT 230.00 1 1
 vmeta: vbus 70459 WALSENBG 230.00 1 1
 vmeta: vbus 70464 WATERTON 230.00 1 1
 vmeta: vbus 70528 SPRUCE 230.00 1 1

Voltage (pu)



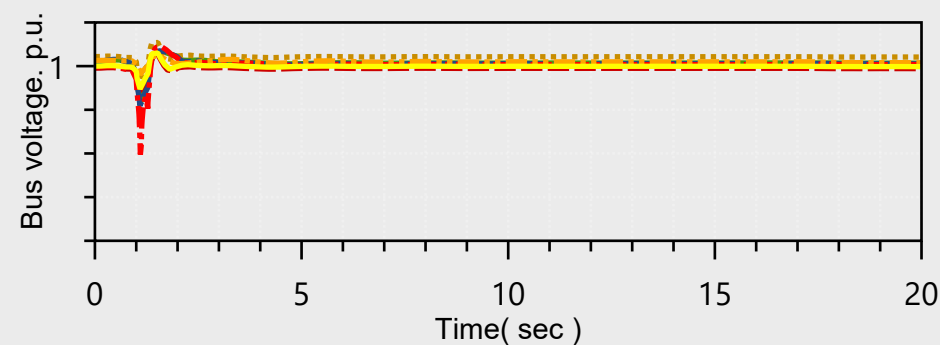
vmeta: vbus 70060 BOONE 115.00 1 1
 vmeta: vbus 70623 MISS_SITE 230.00 1 1
 vmeta: vbus 70652 MIRASOL 230.00 1 1
 vmeta: vbus 70875 BIGHORN_S_3 230.00 1 1
 vmeta: vbus 700208 REPL_2024_1 230.00 1 1
 vmeta: vbus 700134 REPL_2021_1 230.00 1 1

Voltage (pu)



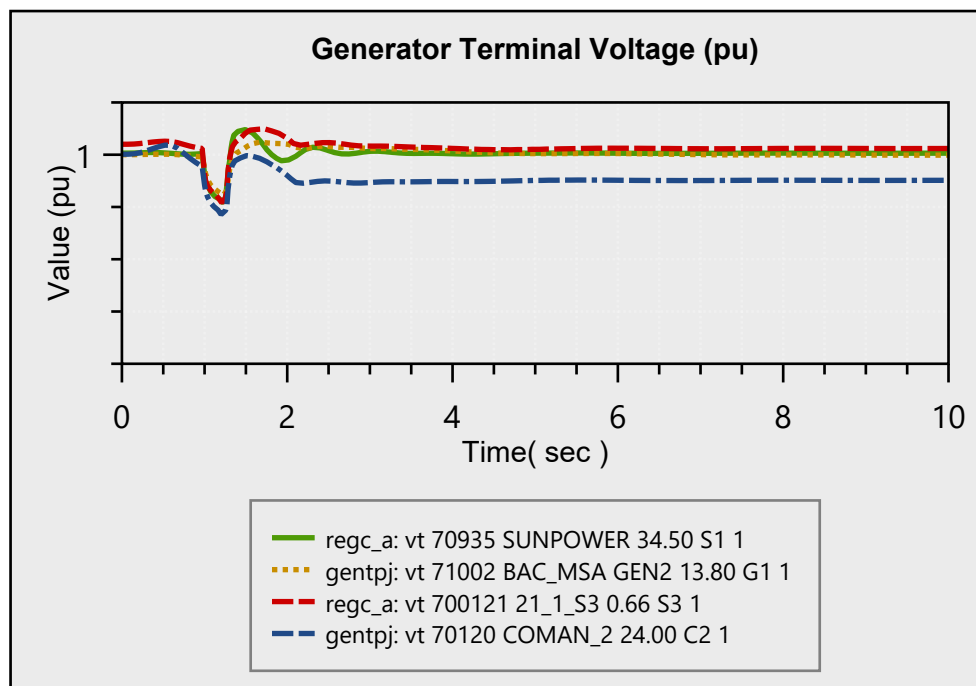
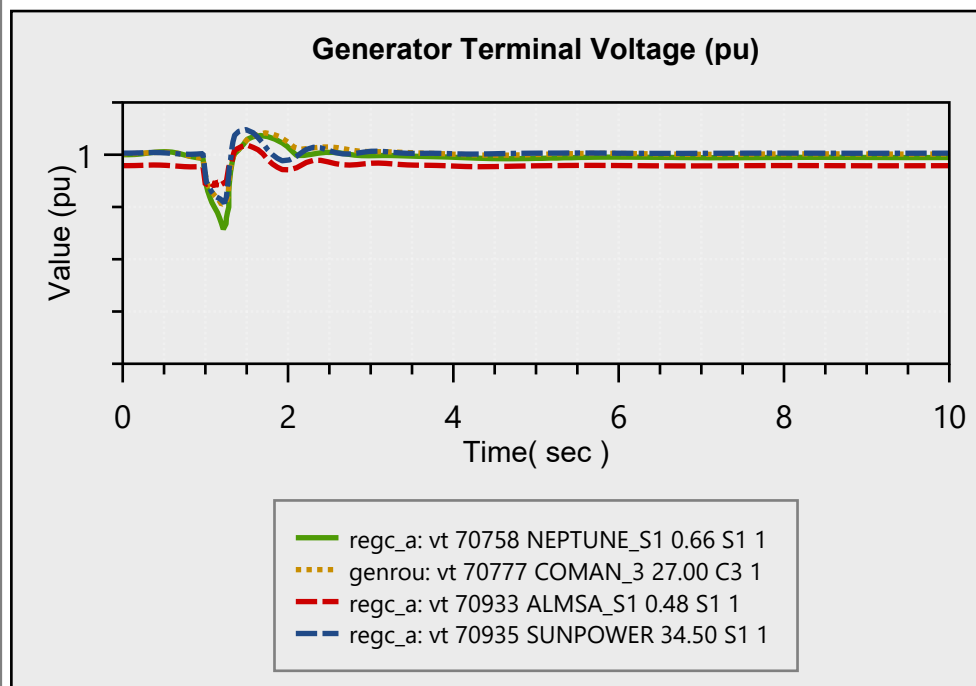
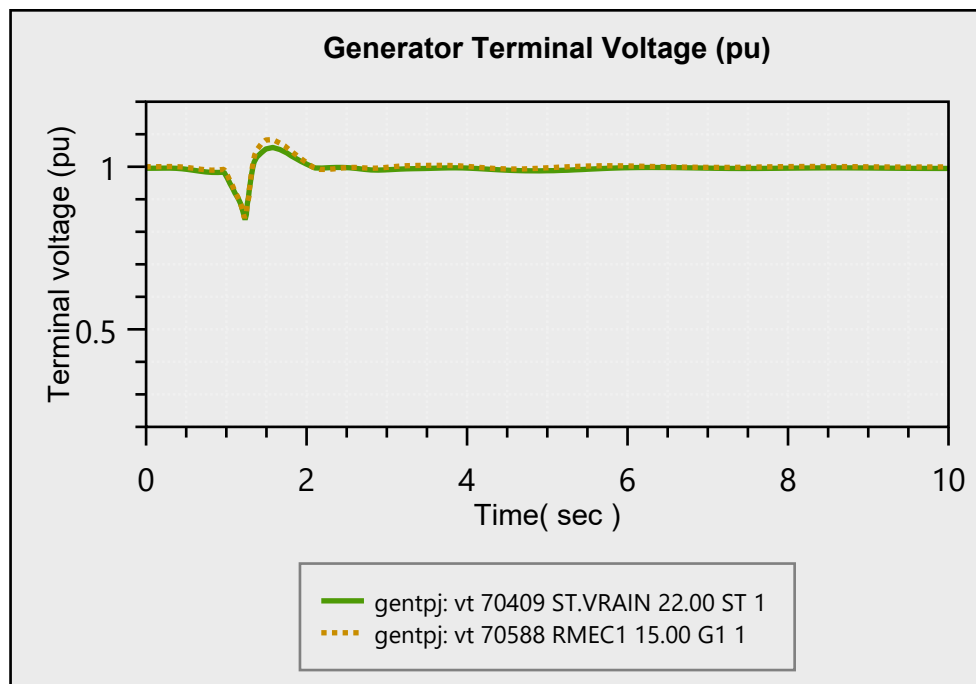
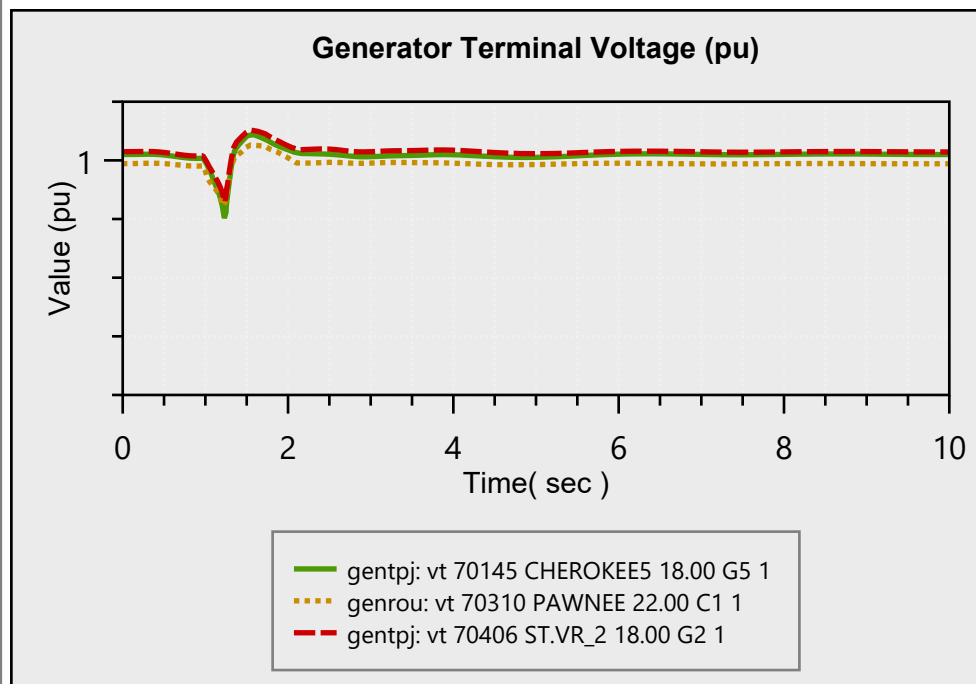
vmeta: vbus 70066 LOOKOUT_2 115.00 1 1
 vmeta: vbus 70108 CHEROKEE_S 115.00 1 1
 vmeta: vbus 70121 COMANCHE_1 115.00 1 1
 vmeta: vbus 70144 DENVER_TM_2 115.00 1 1
 vmeta: vbus 70285 MIDWAY_PS 115.00 1 1
 vmeta: vbus 70374 SANLSVLY 115.00 1 1

Voltage (pu)

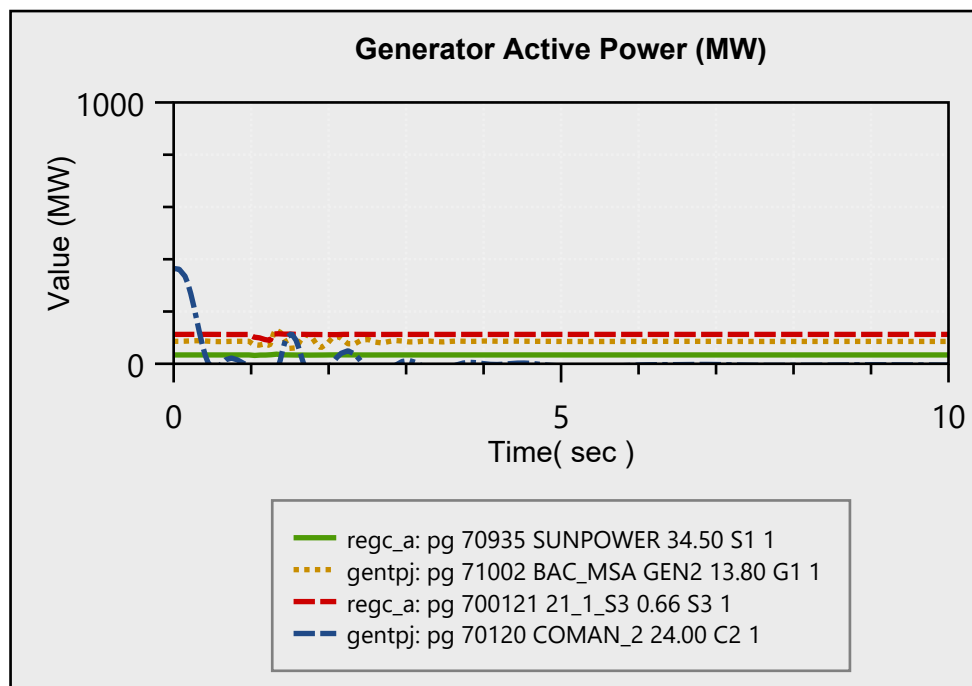
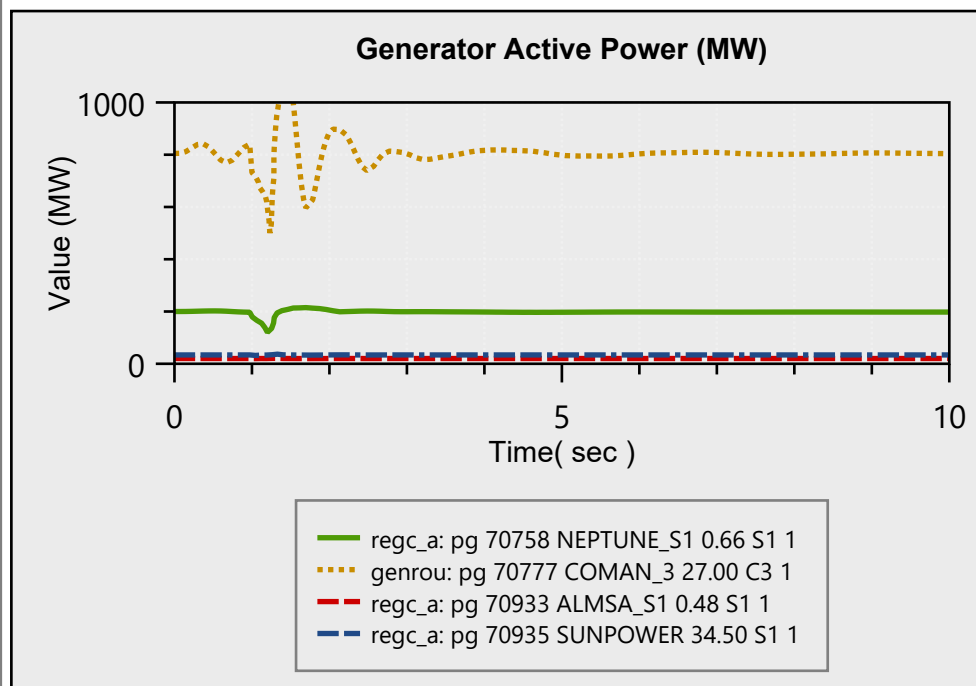
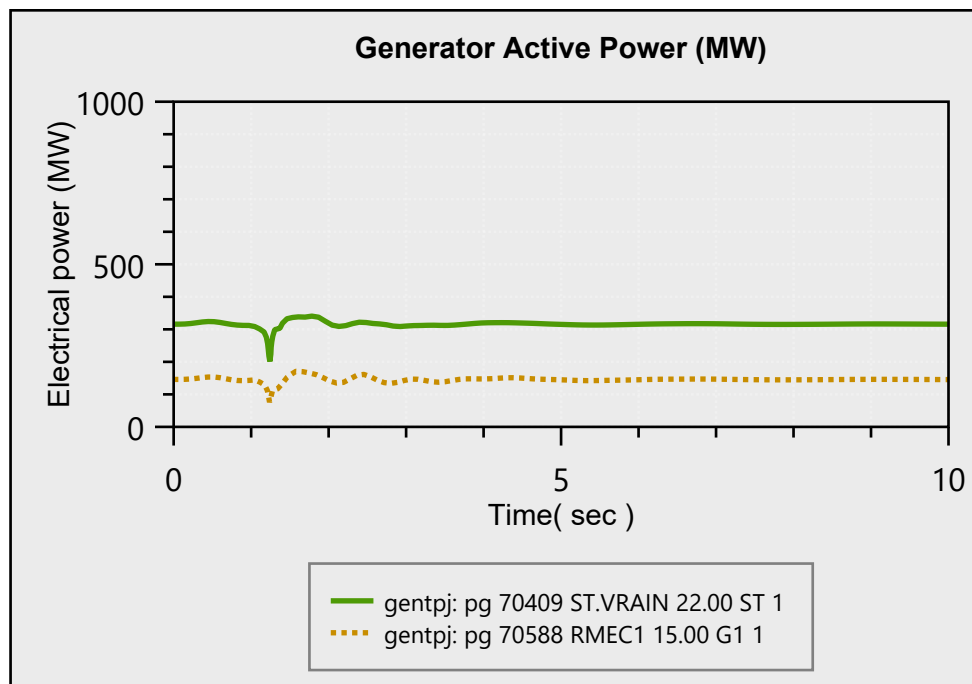
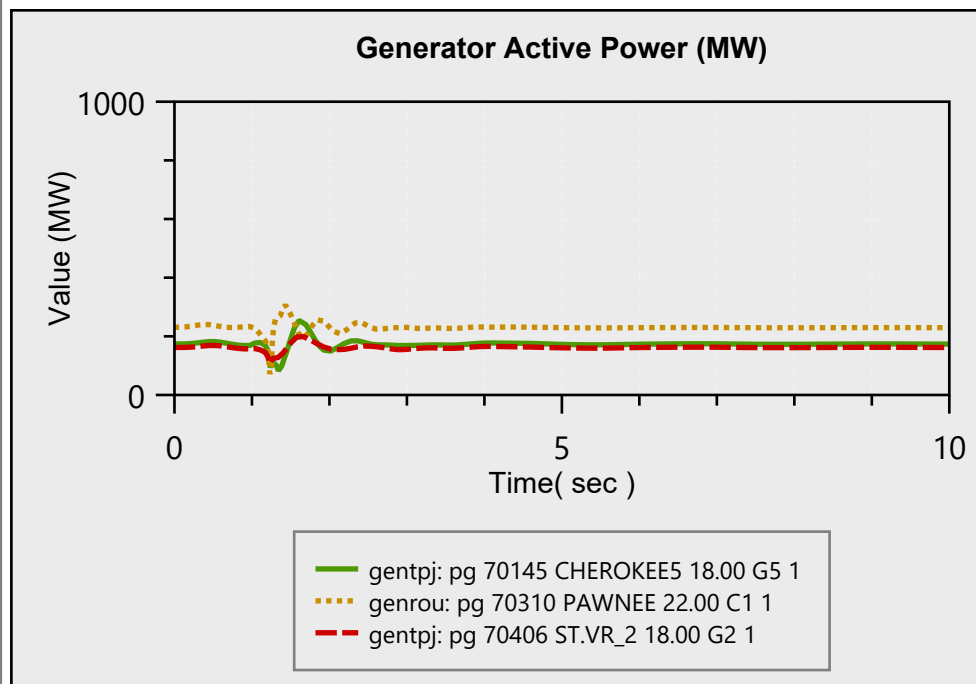


vmeta: vbus 70062 BOONE 69.00 1 1
 vmeta: vbus 70186 ALAMOSA_TP 69.00 1 1
 vmeta: vbus 70230 HOOPERTP 69.00 1 1
 vmeta: vbus 70353 READER 69.00 1 1
 vmeta: vbus 70444 VALMONT_1 115.00 1 1
 vmeta: vbus 70981 BLUESTONE 69.00 1 1

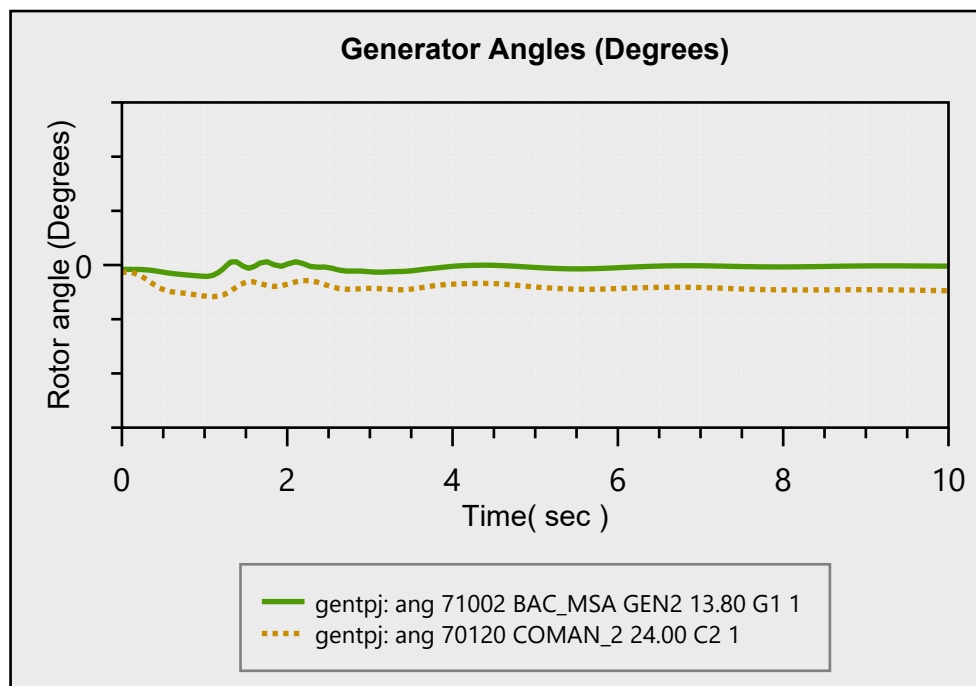
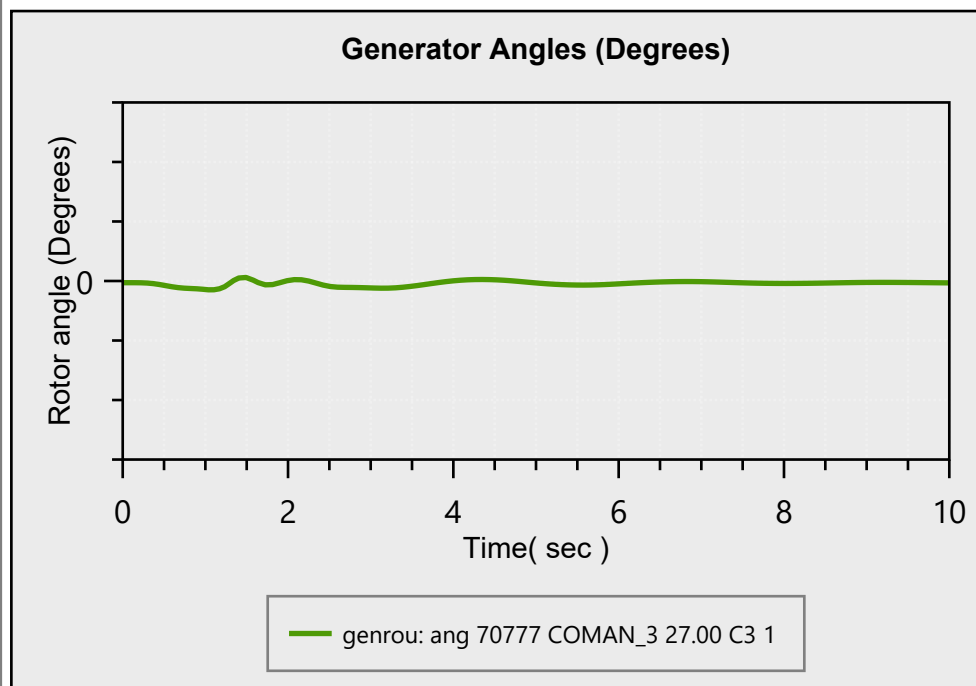
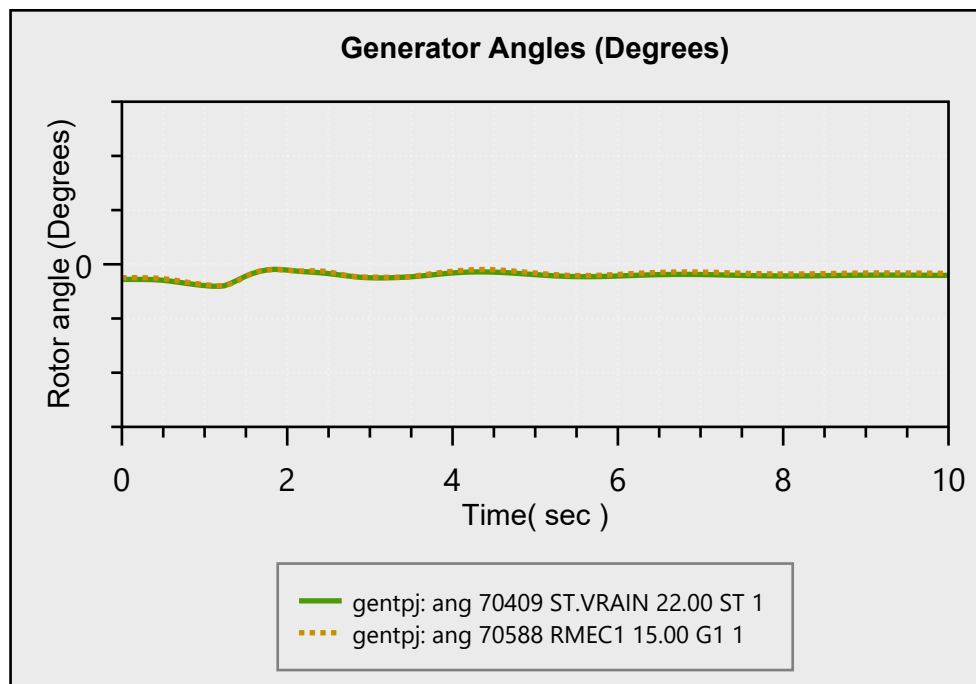
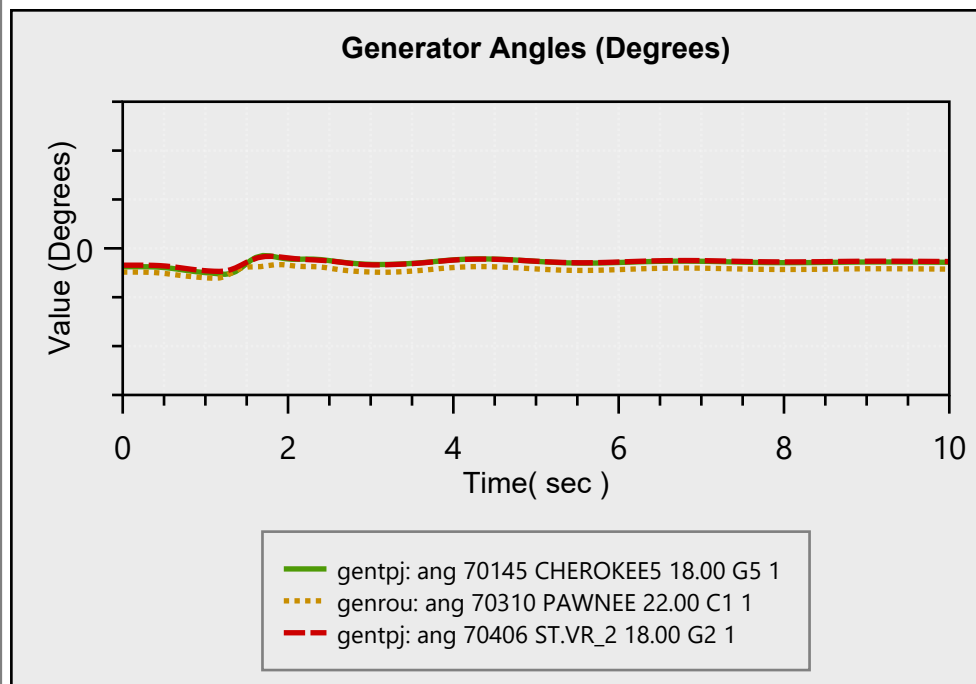
OUTPUTS



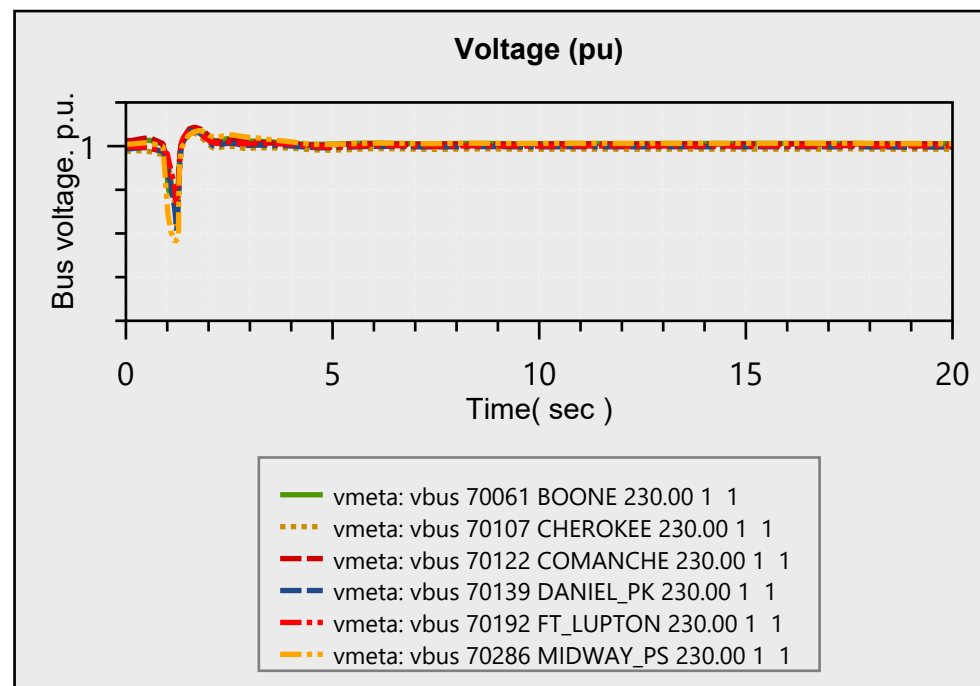
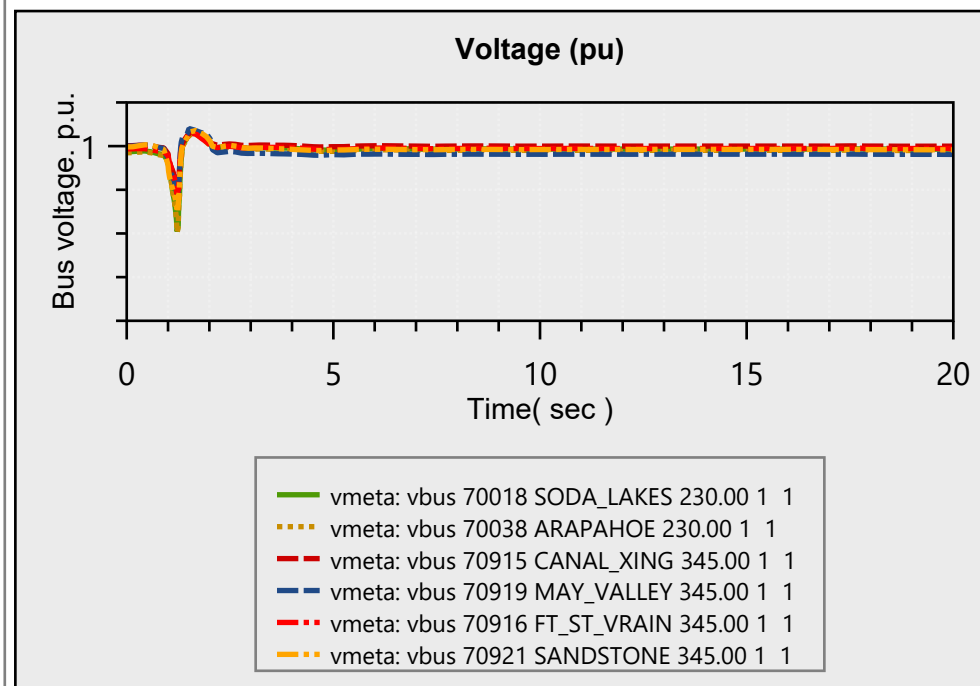
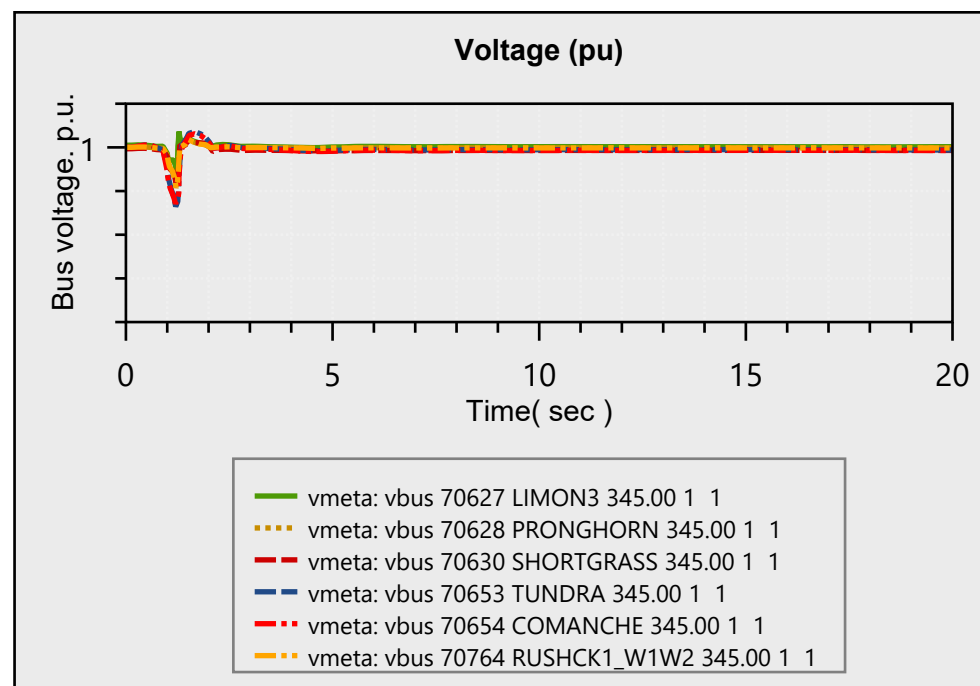
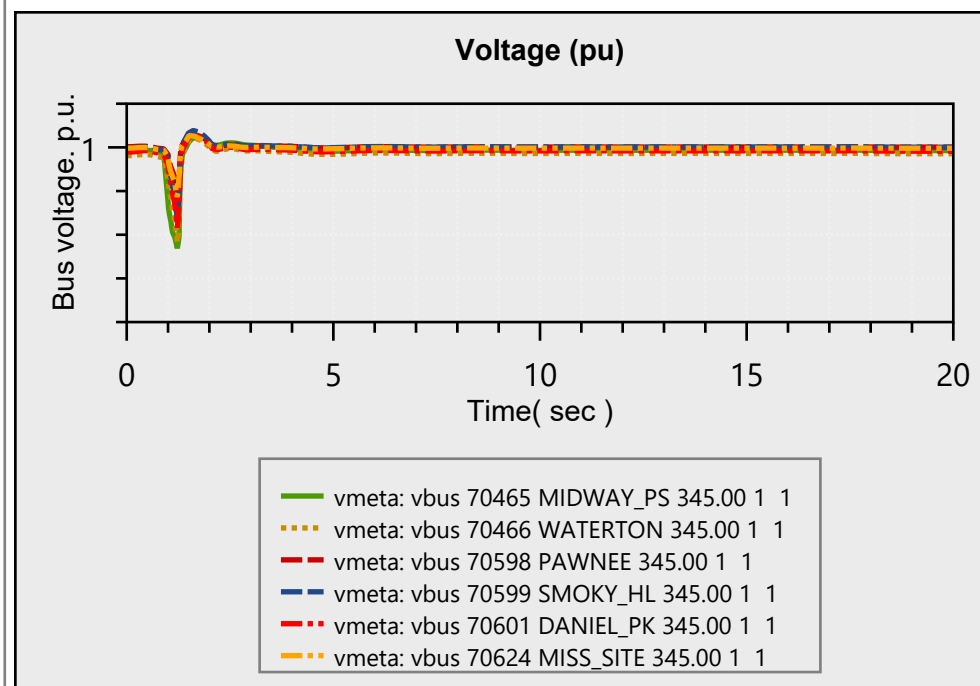
OUTPUTS



OUTPUTS

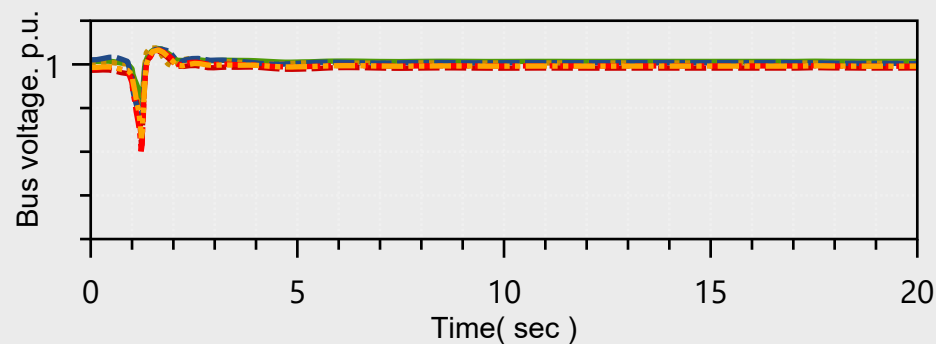


OUTPUTS



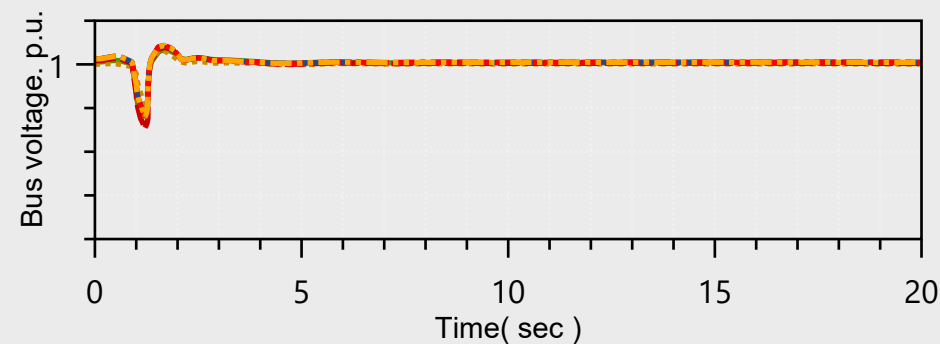
OUTPUTS

Voltage (pu)



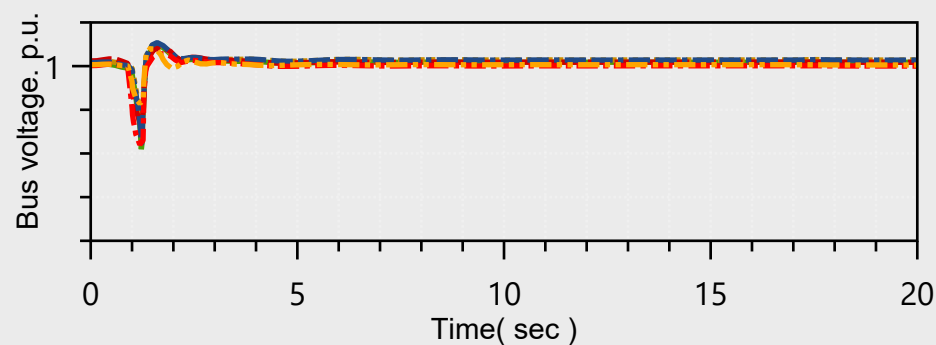
— vmeta: vbus 70311 PAWNEE 230.00 1 1
 - - - vmeta: vbus 70375 SANLSVLY 230.00 1 1
 - - - vmeta: vbus 70447 VALMONT 230.00 1 1
 - - - vmeta: vbus 70459 WALSENBG 230.00 1 1
 - - - vmeta: vbus 70464 WATERTON 230.00 1 1
 - - - vmeta: vbus 70528 SPRUCE 230.00 1 1

Voltage (pu)



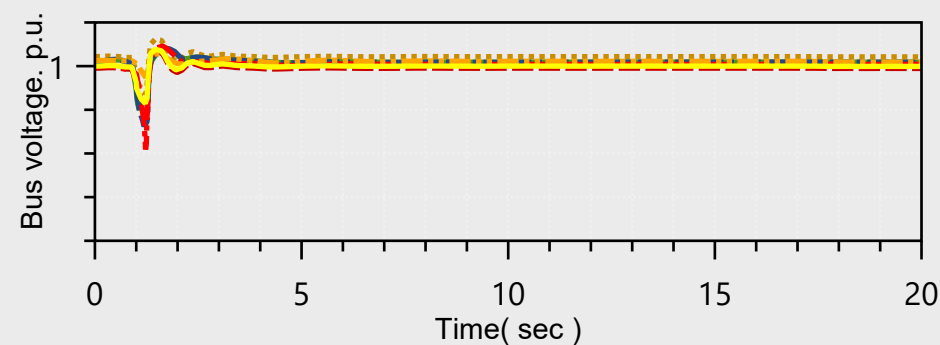
— vmeta: vbus 70060 BOONE 115.00 1 1
 - - - vmeta: vbus 70623 MISS_SITE 230.00 1 1
 - - - vmeta: vbus 70652 MIRASOL 230.00 1 1
 - - - vmeta: vbus 70875 BIGHORN_S_3 230.00 1 1
 - - - vmeta: vbus 700208 REPL_2024_1 230.00 1 1
 - - - vmeta: vbus 700134 REPL_2021_1 230.00 1 1

Voltage (pu)



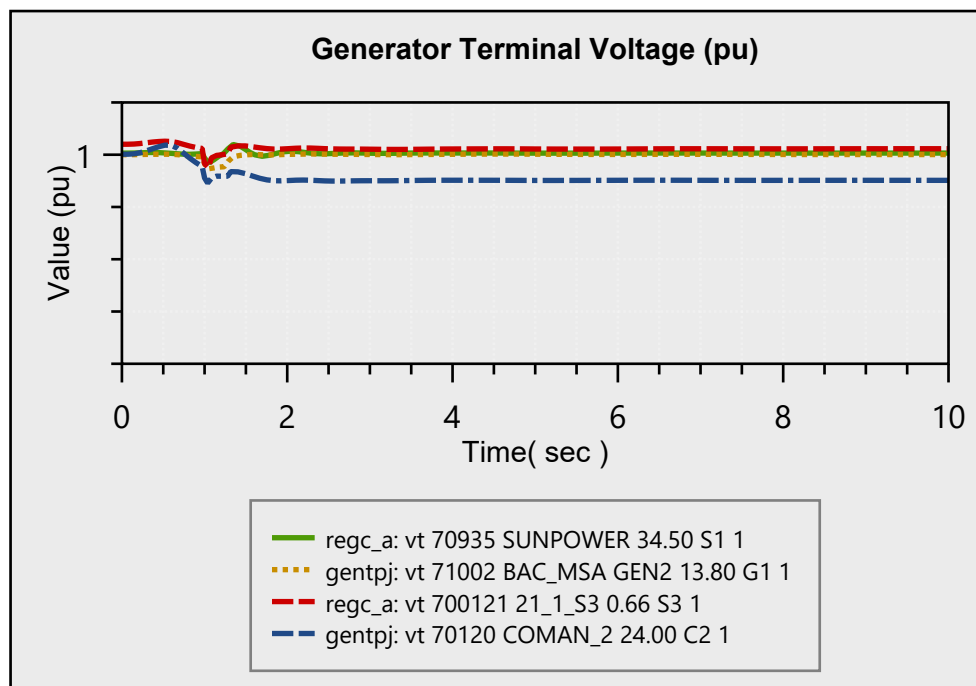
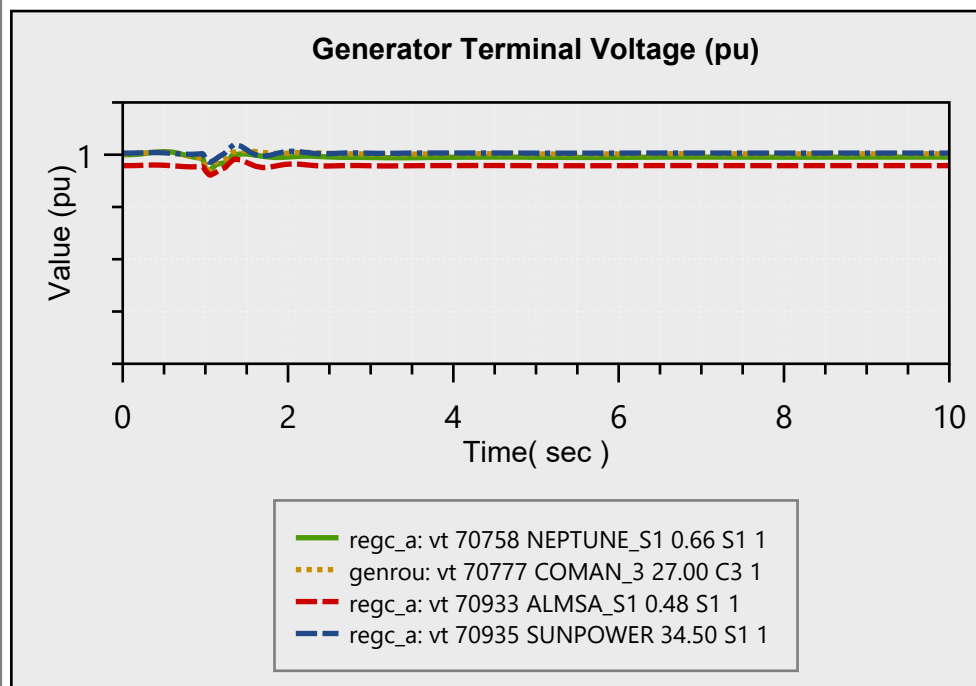
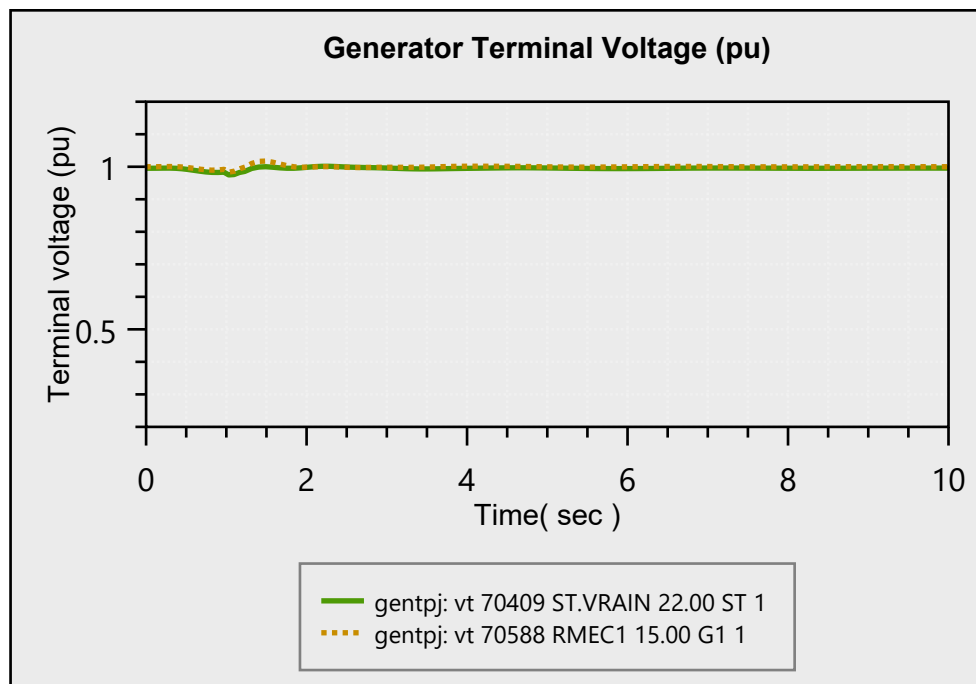
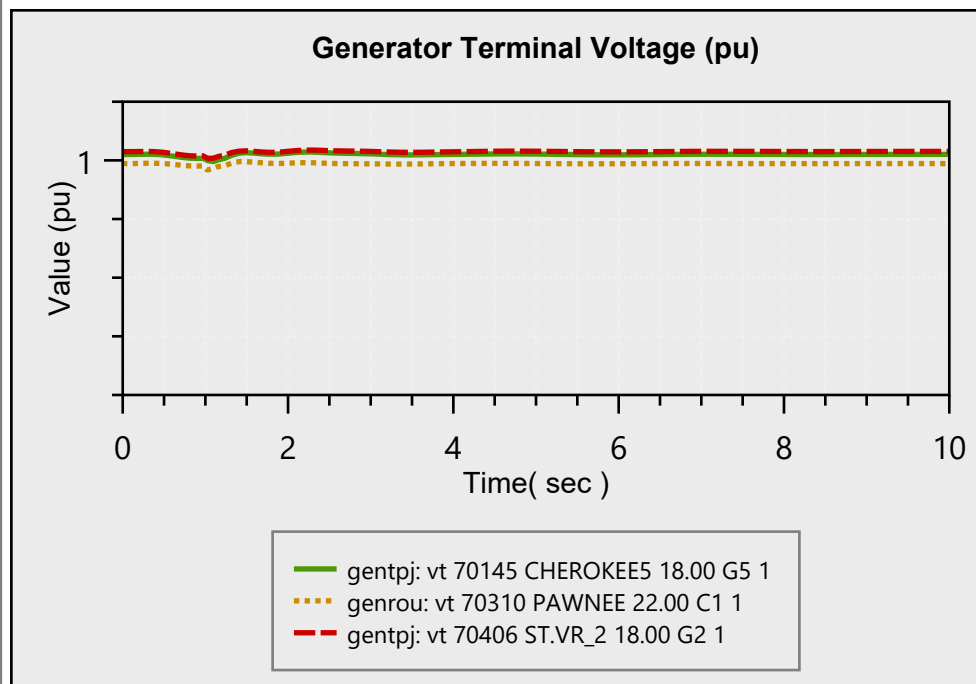
— vmeta: vbus 70066 LOOKOUT_2 115.00 1 1
 - - - vmeta: vbus 70108 CHEROKEE_S 115.00 1 1
 - - - vmeta: vbus 70121 COMANCHE_1 115.00 1 1
 - - - vmeta: vbus 70144 DENVER_TM_2 115.00 1 1
 - - - vmeta: vbus 70285 MIDWAY_PS 115.00 1 1
 - - - vmeta: vbus 70374 SANLSVLY 115.00 1 1

Voltage (pu)

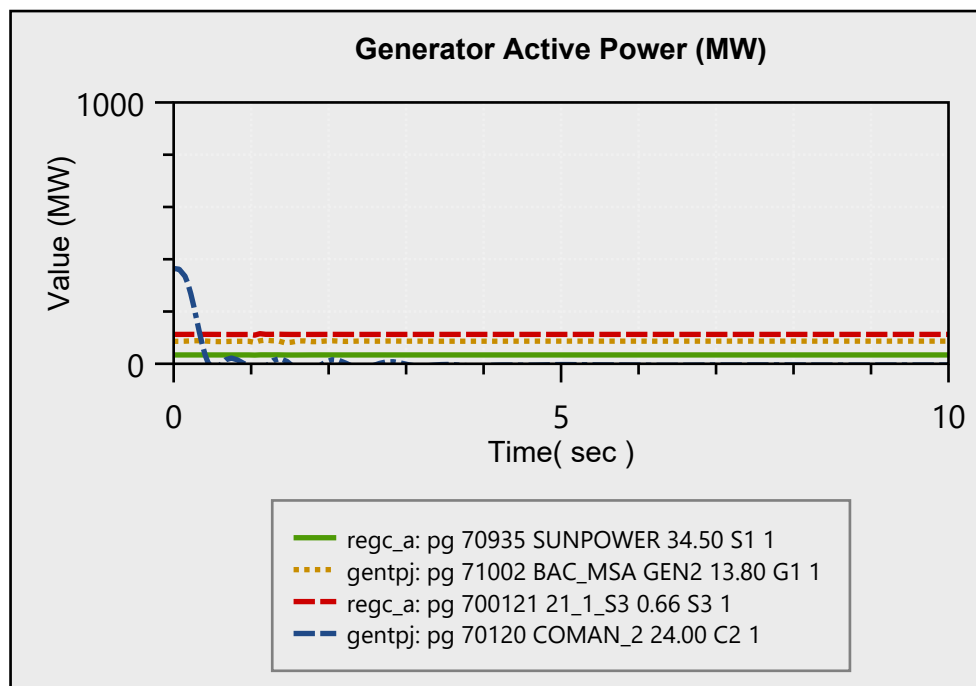
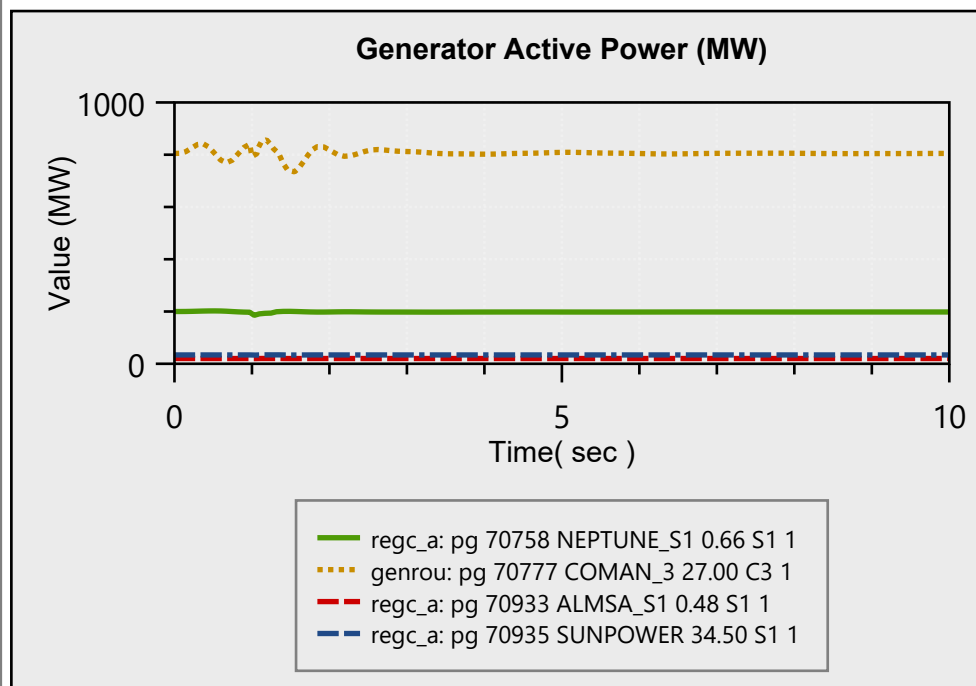
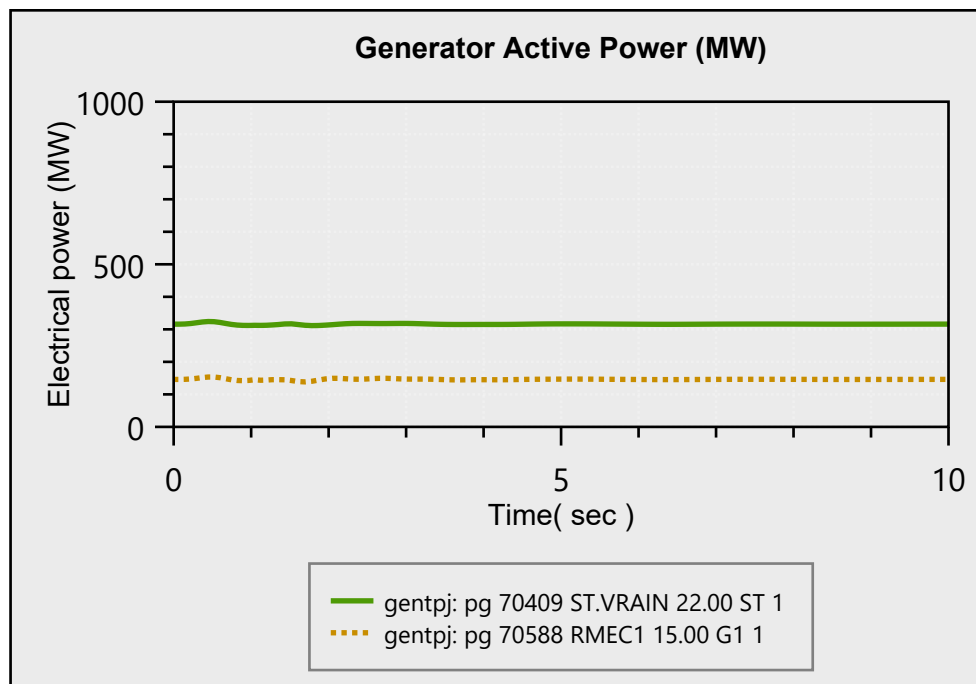
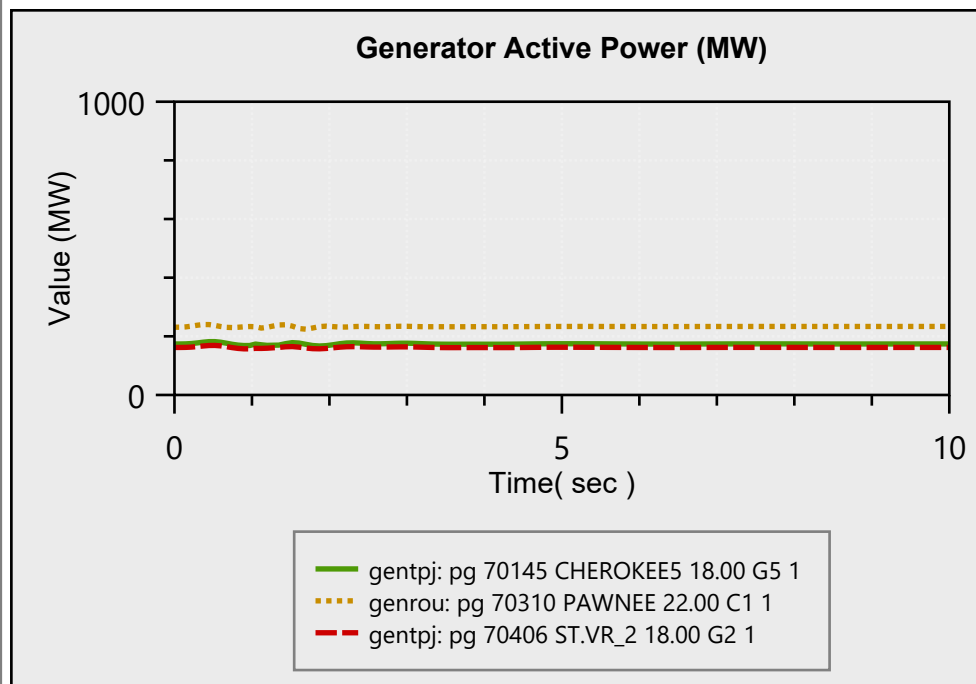


— vmeta: vbus 70062 BOONE 69.00 1 1
 - - - vmeta: vbus 70186 ALAMOSA_TP 69.00 1 1
 - - - vmeta: vbus 70230 HOOPERTP 69.00 1 1
 - - - vmeta: vbus 70353 READER 69.00 1 1
 - - - vmeta: vbus 70444 VALMONT_1 115.00 1 1
 - - - vmeta: vbus 70981 BLUESTONE 69.00 1 1

OUTPUTS

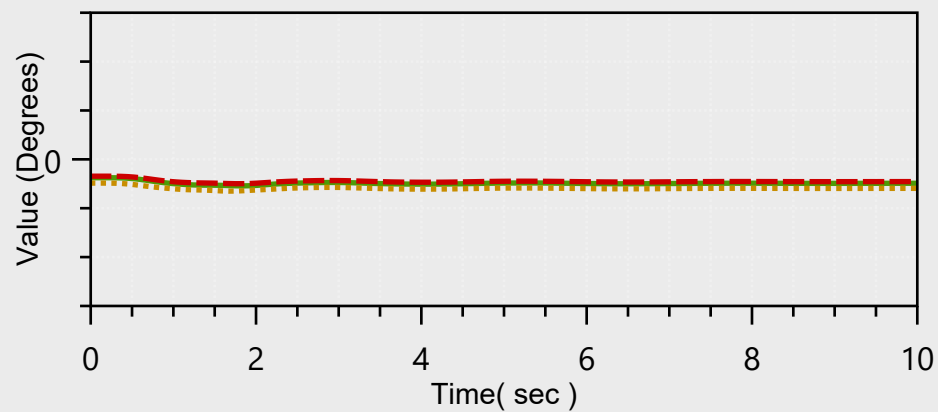


OUTPUTS



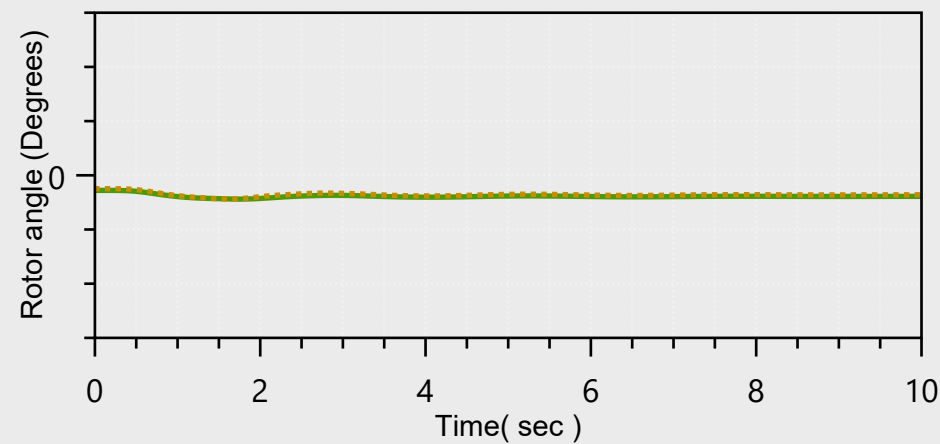
OUTPUTS

Generator Angles (Degrees)



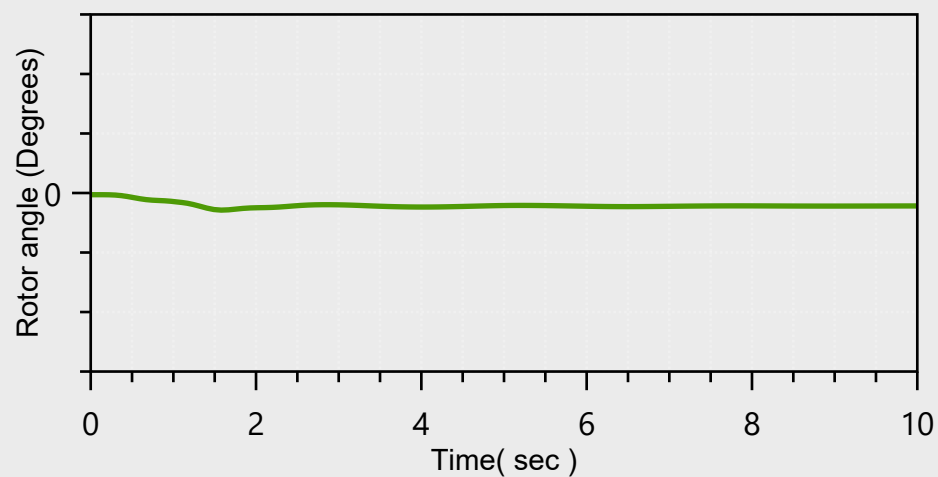
gentpj: ang 70145 CHEROKEE5 18.00 G5 1
genrou: ang 70310 PAWNEE 22.00 C1 1
gentpj: ang 70406 ST.VR_2 18.00 G2 1

Generator Angles (Degrees)



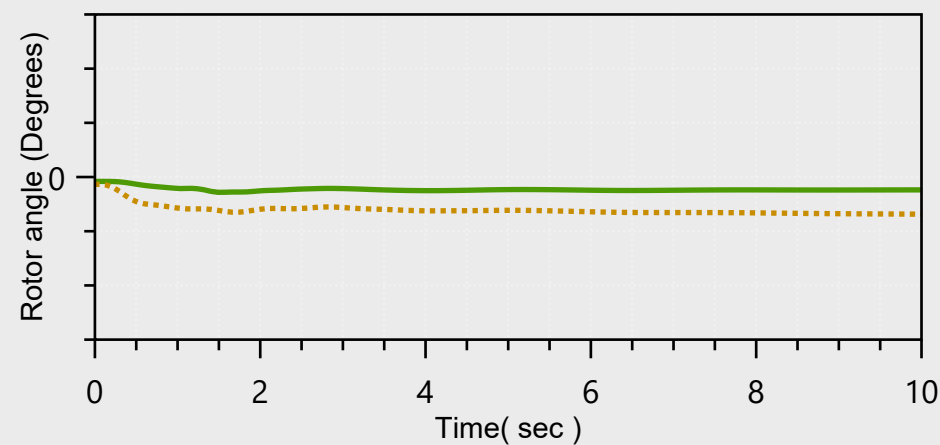
gentpj: ang 70409 ST.VRAIN 22.00 ST 1
gentpj: ang 70588 RMEC1 15.00 G1 1

Generator Angles (Degrees)



genrou: ang 70777 COMAN_3 27.00 C3 1

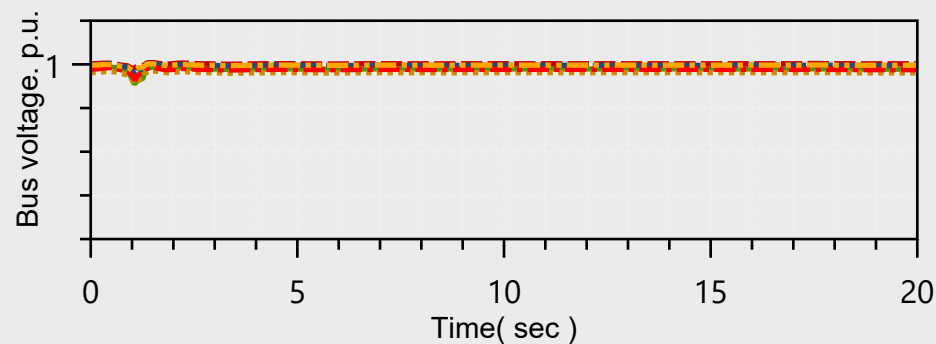
Generator Angles (Degrees)



gentpj: ang 71002 BAC_MSA GEN2 13.80 G1 1
gentpj: ang 70120 COMAN_2 24.00 C2 1

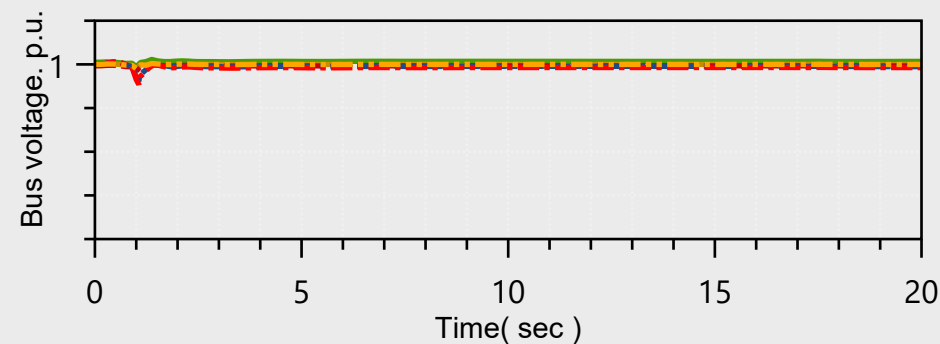
OUTPUTS

Voltage (pu)



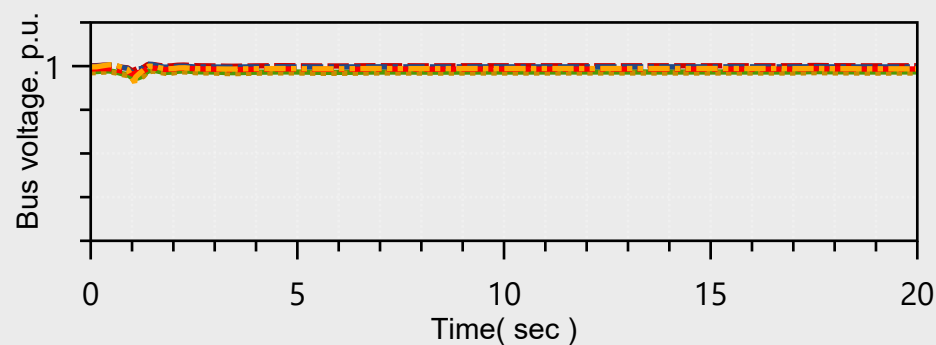
vmeta: vbus 70465 MIDWAY_PS 345.00 1 1
 vmeta: vbus 70466 WATERTON 345.00 1 1
 vmeta: vbus 70598 PAWNEE 345.00 1 1
 vmeta: vbus 70599 SMOKY_HL 345.00 1 1
 vmeta: vbus 70601 DANIEL_PK 345.00 1 1
 vmeta: vbus 70624 MISS_SITE 345.00 1 1

Voltage (pu)



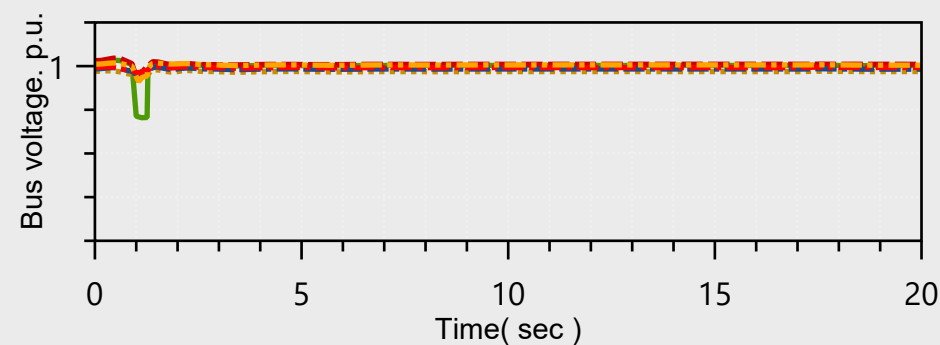
vmeta: vbus 70627 LIMON3 345.00 1 1
 vmeta: vbus 70628 PRONGHORN 345.00 1 1
 vmeta: vbus 70630 SHORTGRASS 345.00 1 1
 vmeta: vbus 70653 TUNDRA 345.00 1 1
 vmeta: vbus 70654 COMANCHE 345.00 1 1
 vmeta: vbus 70764 RUSHCK1_W1W2 345.00 1 1

Voltage (pu)



vmeta: vbus 70018 SODA_LAKES 230.00 1 1
 vmeta: vbus 70038 ARAPAHOE 230.00 1 1
 vmeta: vbus 70915 CANAL_XING 345.00 1 1
 vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
 vmeta: vbus 70916 FT_ST_VRAIN 345.00 1 1
 vmeta: vbus 70921 SANDSTONE 345.00 1 1

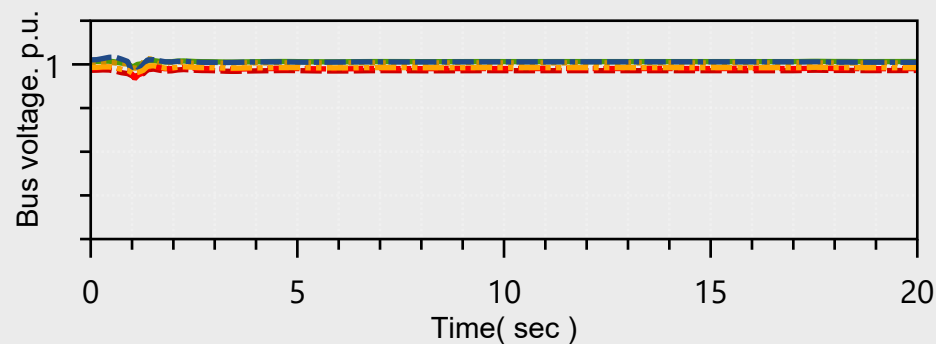
Voltage (pu)



vmeta: vbus 70061 BOONE 230.00 1 1
 vmeta: vbus 70107 CHEROKEE 230.00 1 1
 vmeta: vbus 70122 COMANCHE 230.00 1 1
 vmeta: vbus 70139 DANIEL_PK 230.00 1 1
 vmeta: vbus 70192 FT_LUPTON 230.00 1 1
 vmeta: vbus 70286 MIDWAY_PS 230.00 1 1

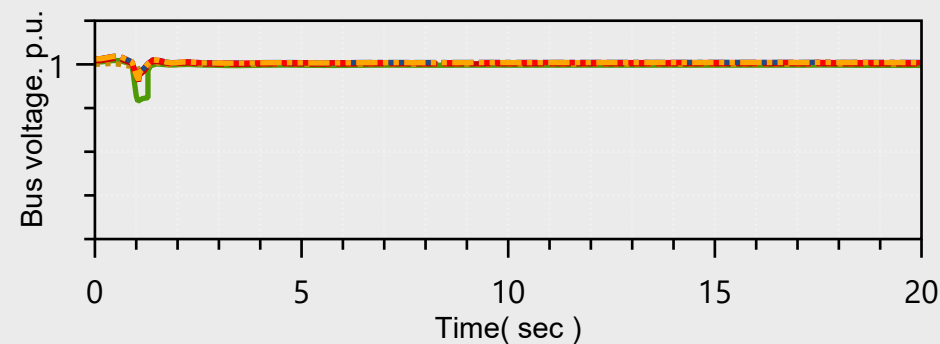
OUTPUTS

Voltage (pu)



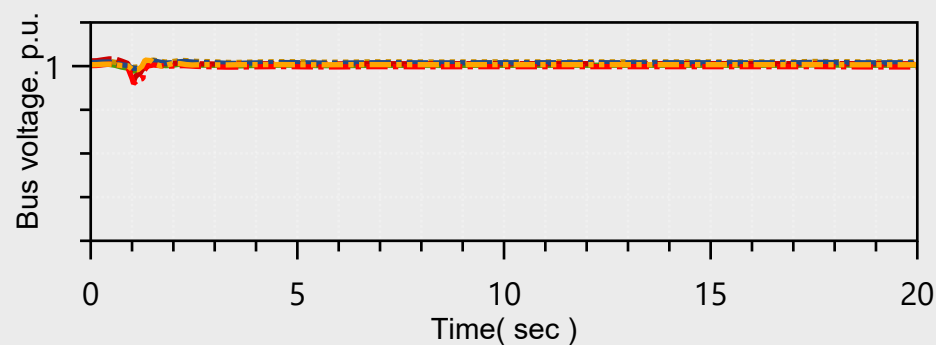
— vmeta: vbus 70311 PAWNEE 230.00 1 1
- - - vmeta: vbus 70375 SANLSVLY 230.00 1 1
- - - vmeta: vbus 70447 VALMONT 230.00 1 1
- - - vmeta: vbus 70459 WALSENBG 230.00 1 1
- - - vmeta: vbus 70464 WATERTON 230.00 1 1
- - - vmeta: vbus 70528 SPRUCE 230.00 1 1

Voltage (pu)



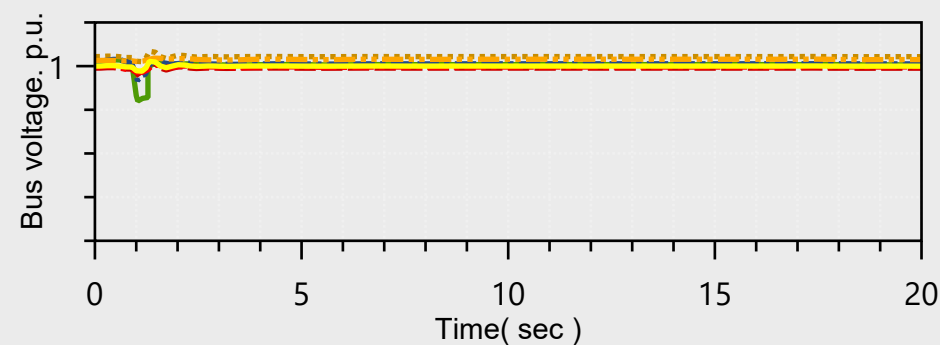
— vmeta: vbus 70060 BOONE 115.00 1 1
- - - vmeta: vbus 70623 MISS_SITE 230.00 1 1
- - - vmeta: vbus 70652 MIRASOL 230.00 1 1
- - - vmeta: vbus 70875 BIGHORN_S_3 230.00 1 1
- - - vmeta: vbus 700208 REPL_2024_1 230.00 1 1
- - - vmeta: vbus 700134 REPL_2021_1 230.00 1 1

Voltage (pu)



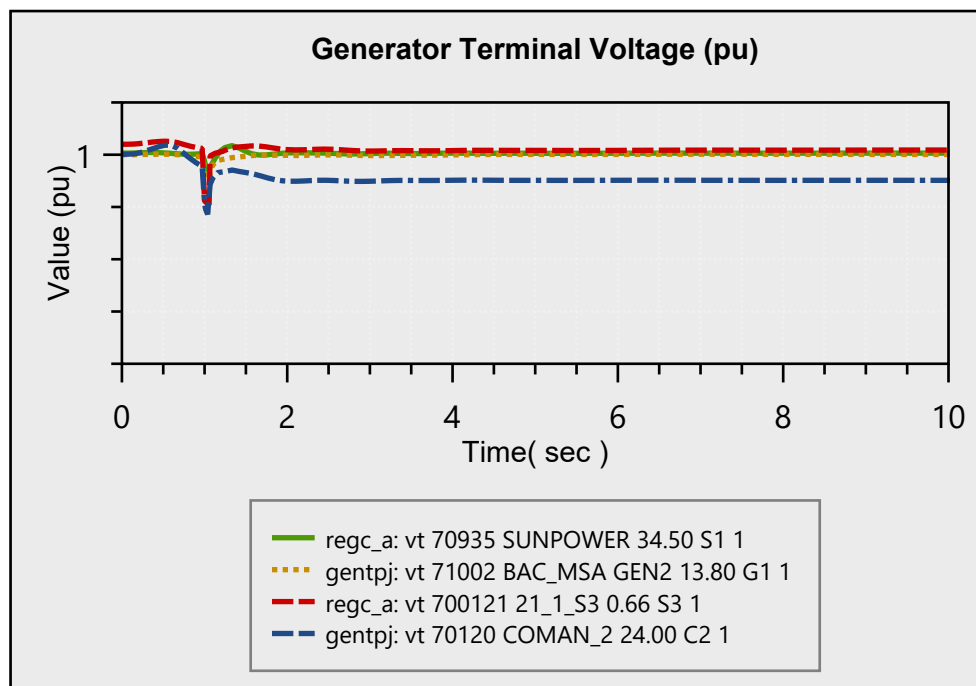
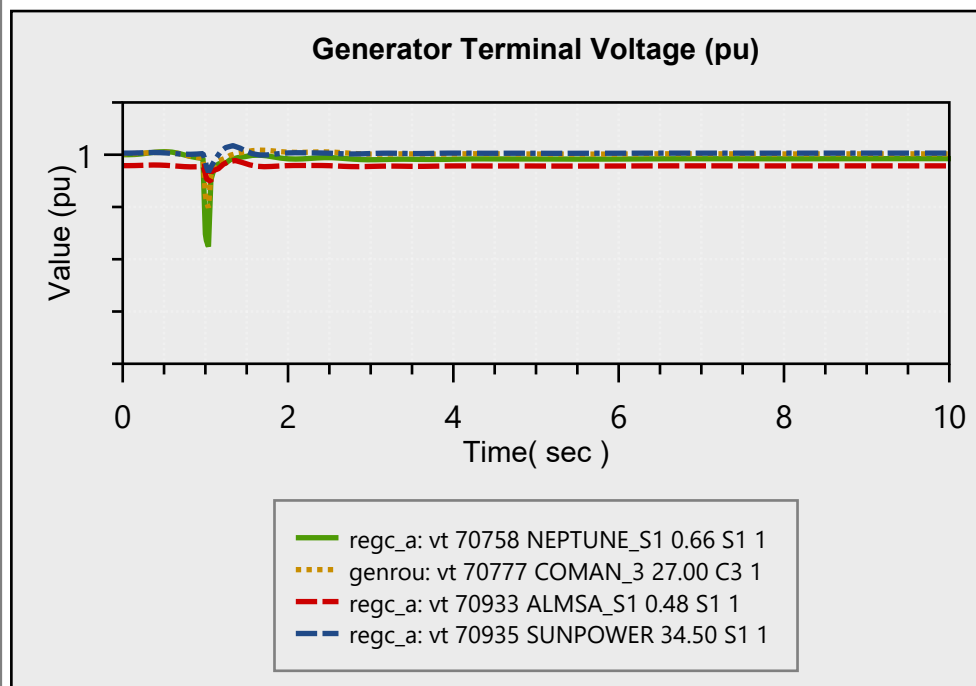
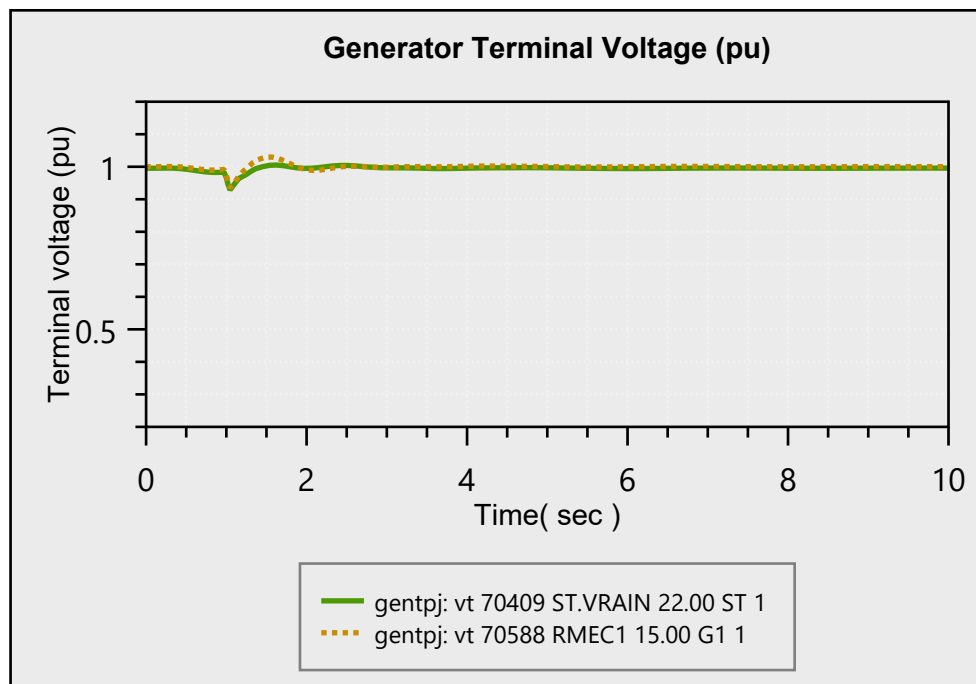
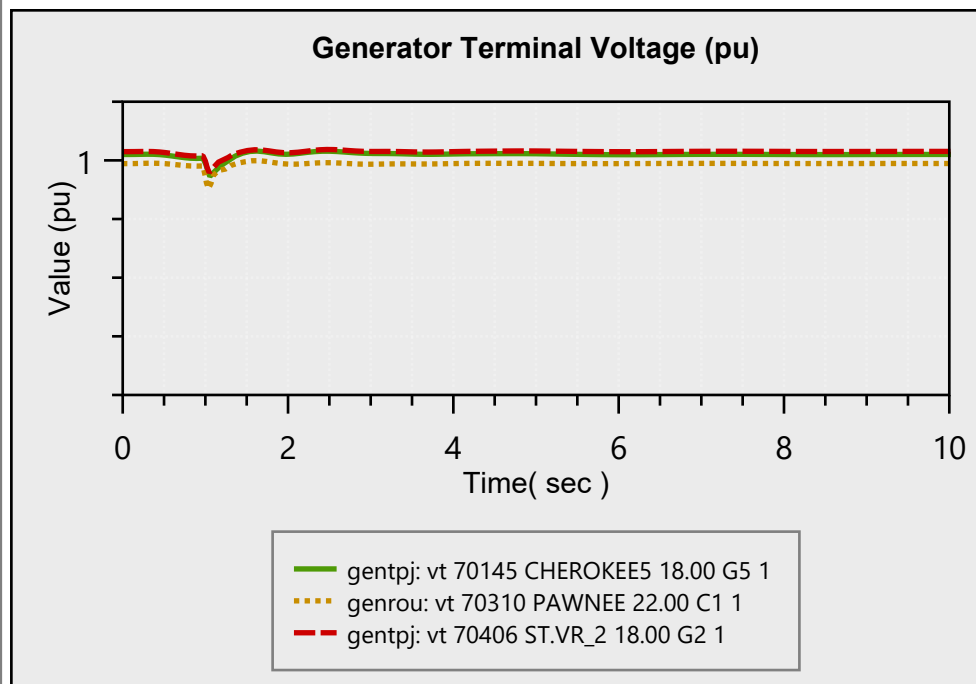
— vmeta: vbus 70066 LOOKOUT_2 115.00 1 1
- - - vmeta: vbus 70108 CHEROKEE_S 115.00 1 1
- - - vmeta: vbus 70121 COMANCHE_1 115.00 1 1
- - - vmeta: vbus 70144 DENVER_TM_2 115.00 1 1
- - - vmeta: vbus 70285 MIDWAY_PS 115.00 1 1
- - - vmeta: vbus 70374 SANLSVLY 115.00 1 1

Voltage (pu)

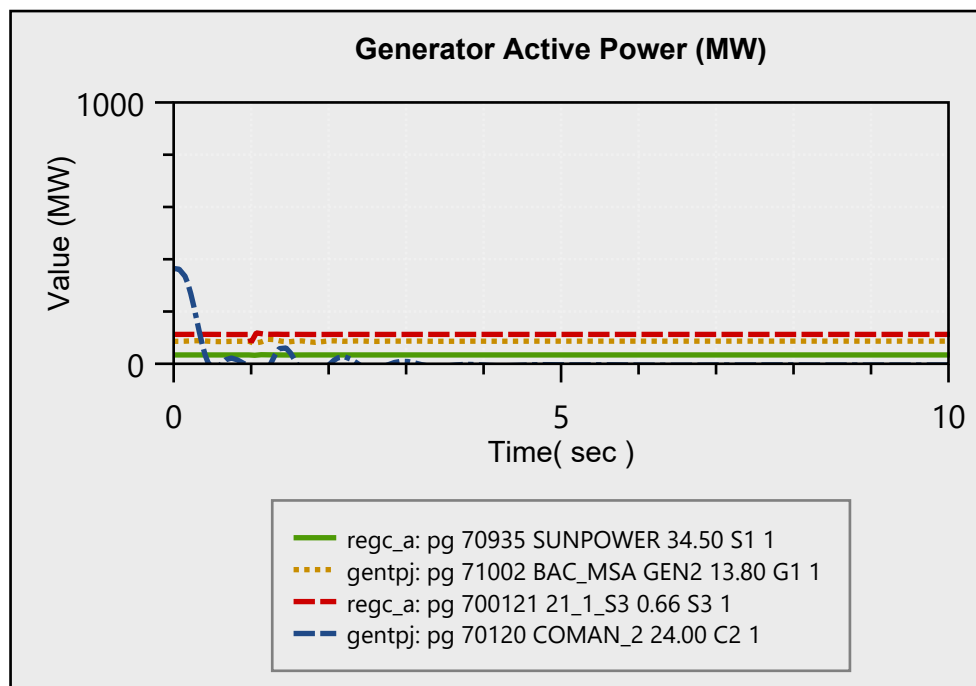
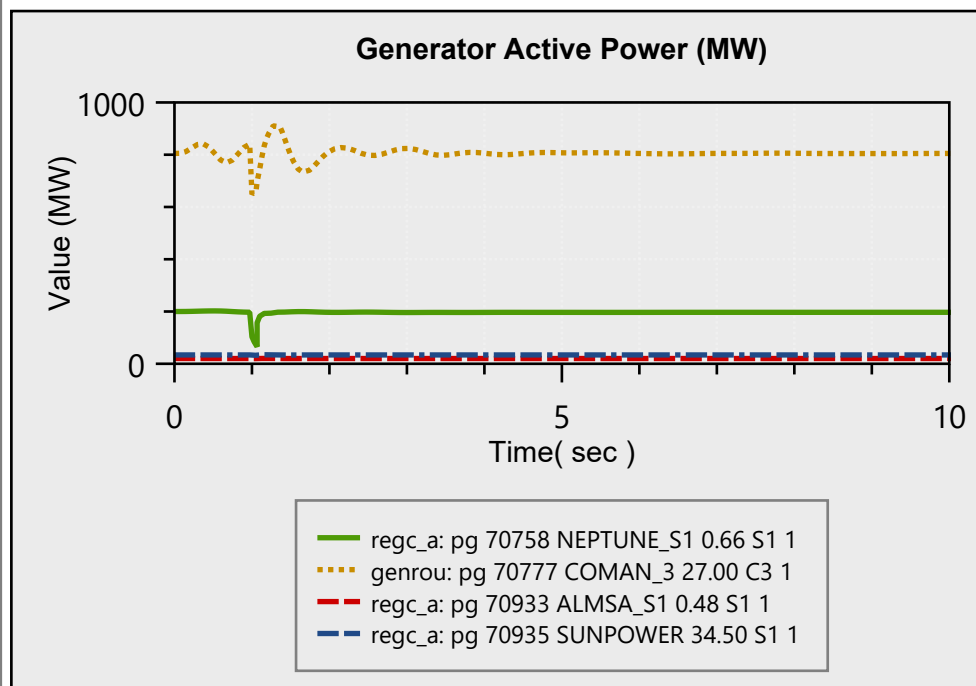
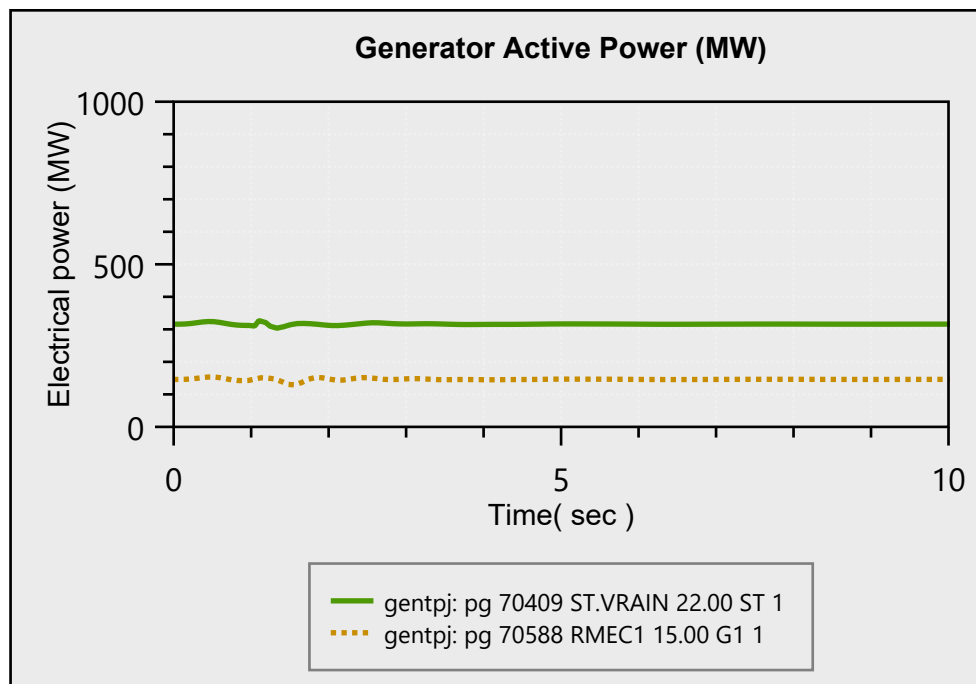
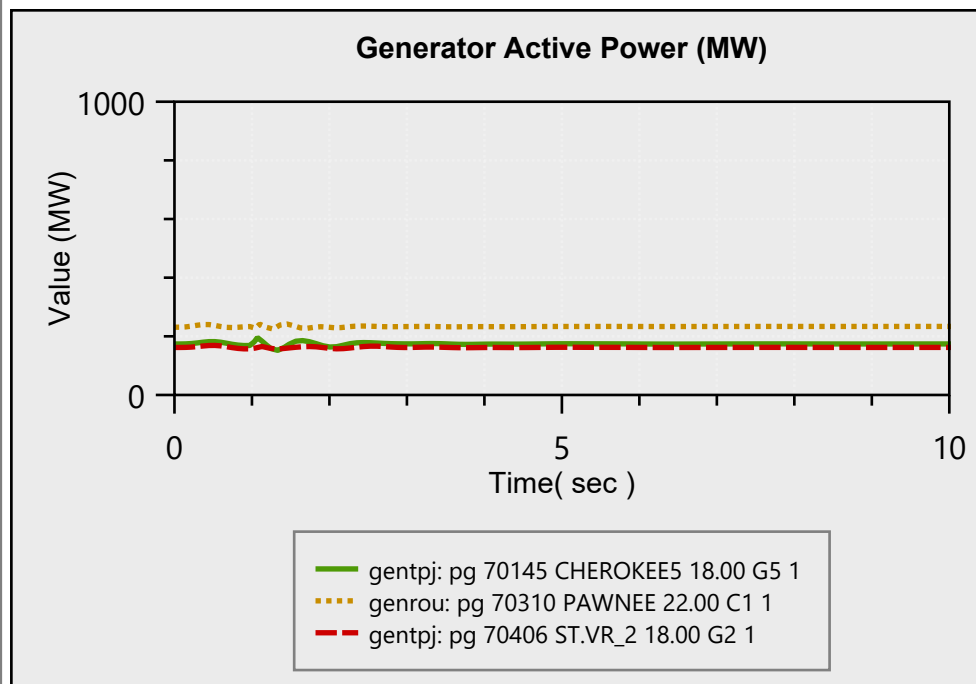


— vmeta: vbus 70062 BOONE 69.00 1 1
- - - vmeta: vbus 70186 ALAMOSA_TP 69.00 1 1
- - - vmeta: vbus 70230 HOOPERTP 69.00 1 1
- - - vmeta: vbus 70353 READER 69.00 1 1
- - - vmeta: vbus 70444 VALMONT_1 115.00 1 1
- - - vmeta: vbus 70981 BLUESTONE 69.00 1 1

OUTPUTS

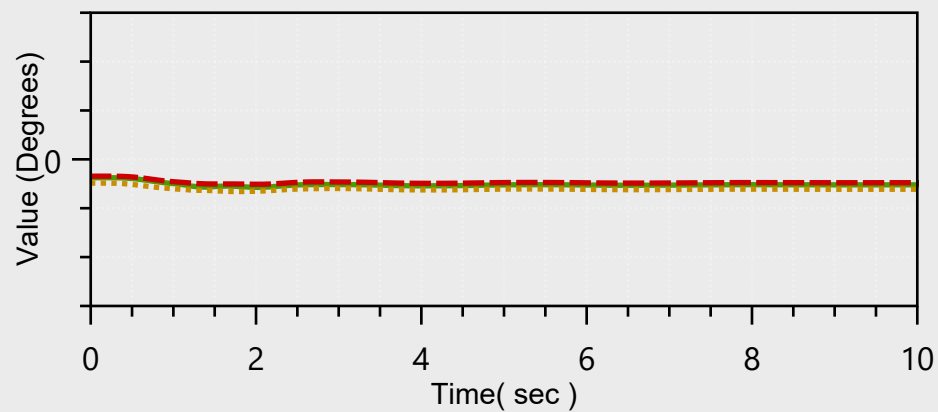


OUTPUTS



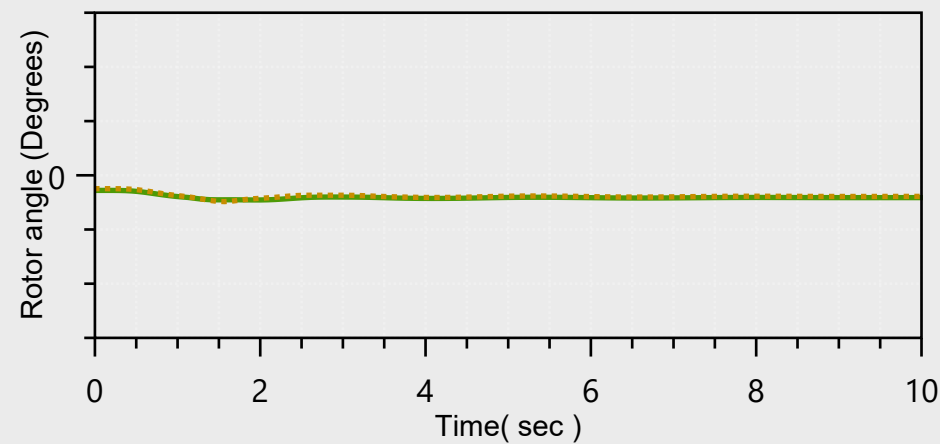
OUTPUTS

Generator Angles (Degrees)



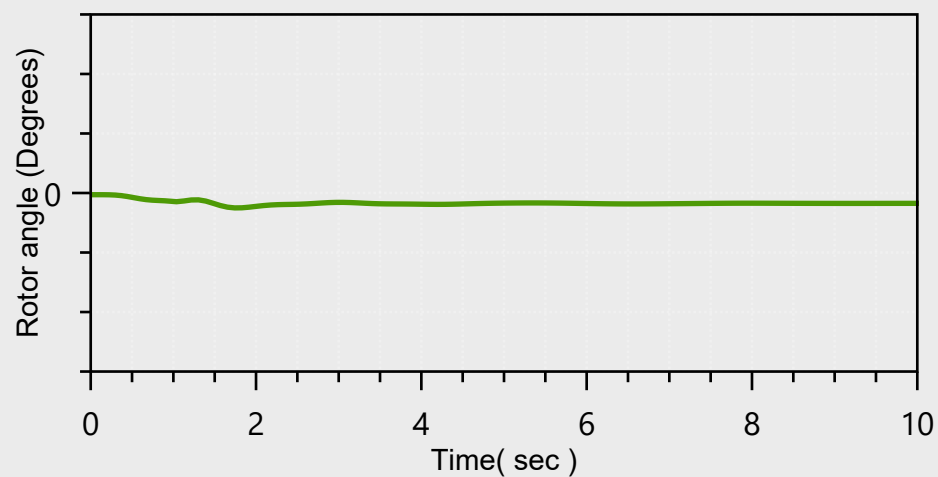
gentpj: ang 70145 CHEROKEE5 18.00 G5 1
genrou: ang 70310 PAWNEE 22.00 C1 1
gentpj: ang 70406 ST.VR_2 18.00 G2 1

Generator Angles (Degrees)



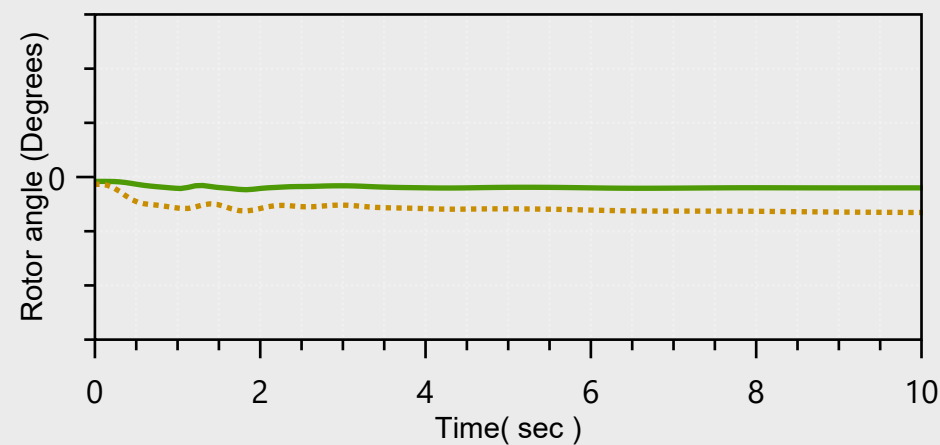
gentpj: ang 70409 ST.VRAIN 22.00 ST 1
gentpj: ang 70588 RMEC1 15.00 G1 1

Generator Angles (Degrees)



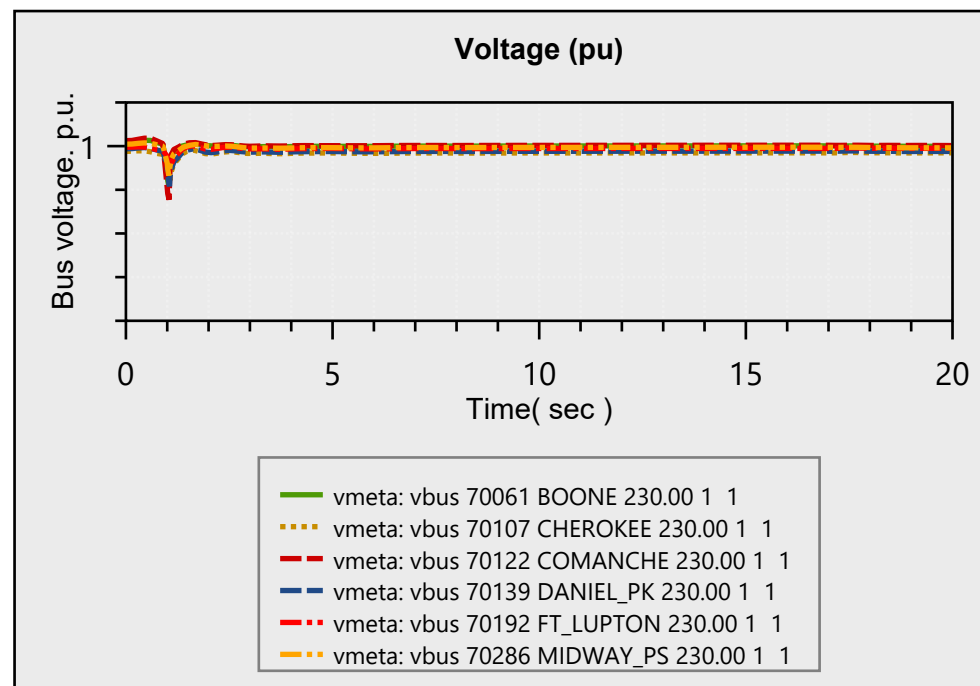
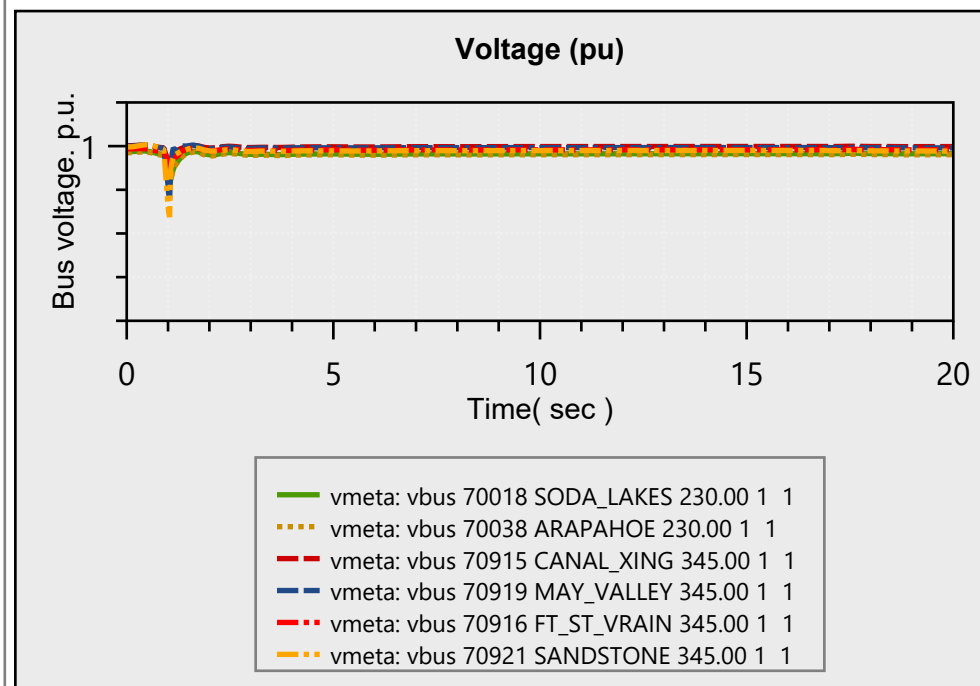
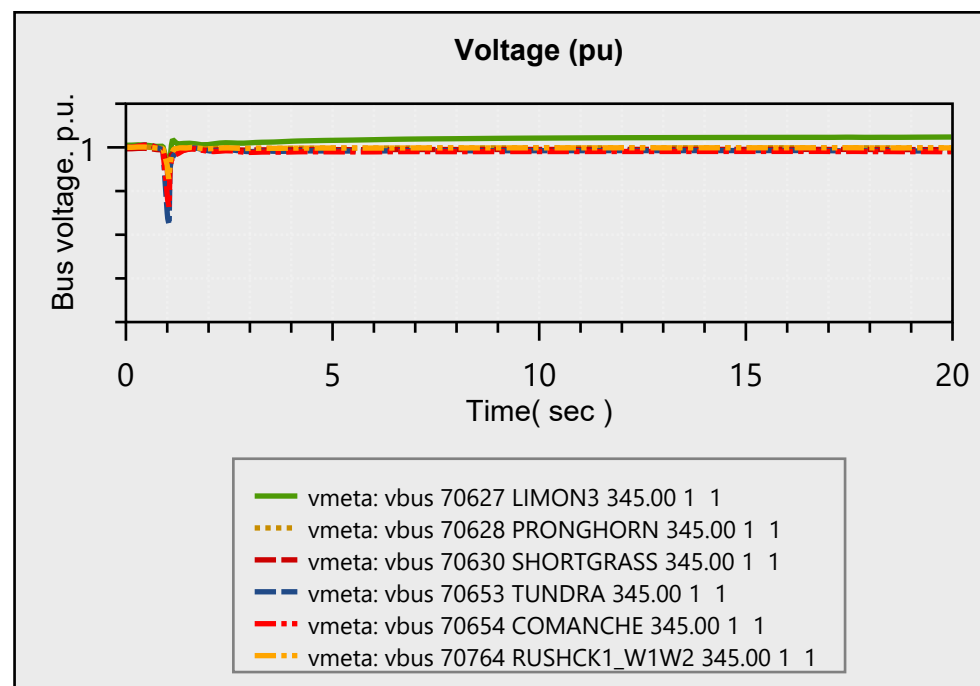
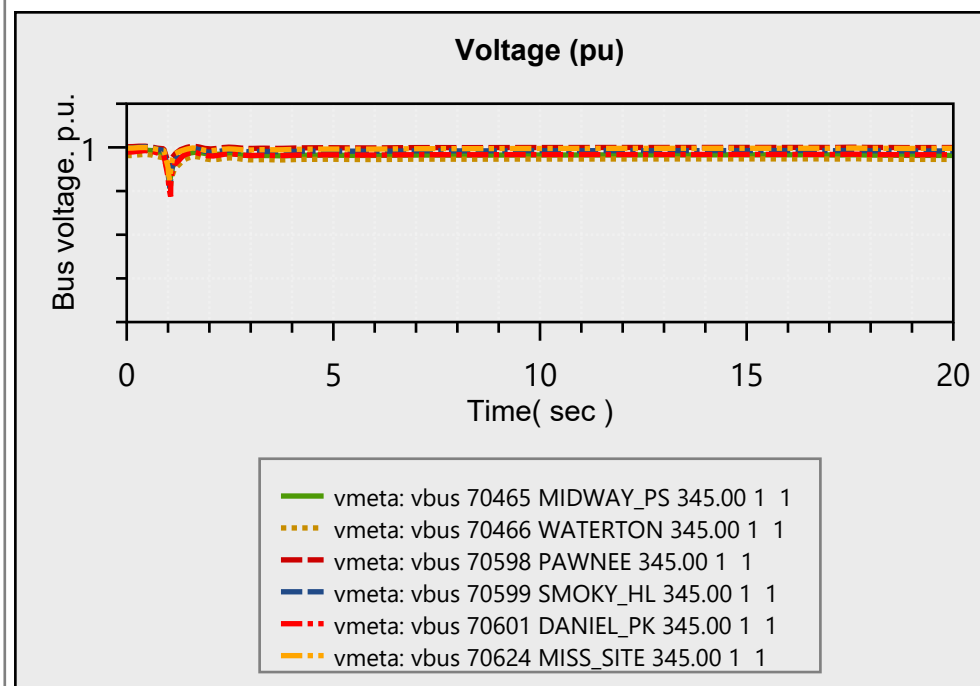
genrou: ang 70777 COMAN_3 27.00 C3 1

Generator Angles (Degrees)



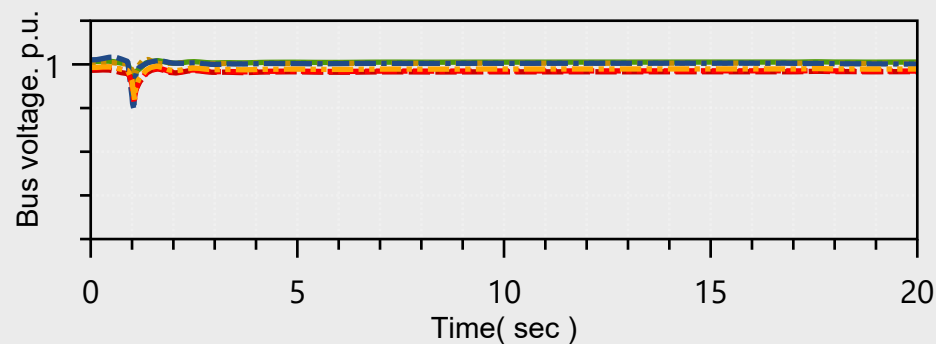
gentpj: ang 71002 BAC_MSA GEN2 13.80 G1 1
gentpj: ang 70120 COMAN_2 24.00 C2 1

OUTPUTS



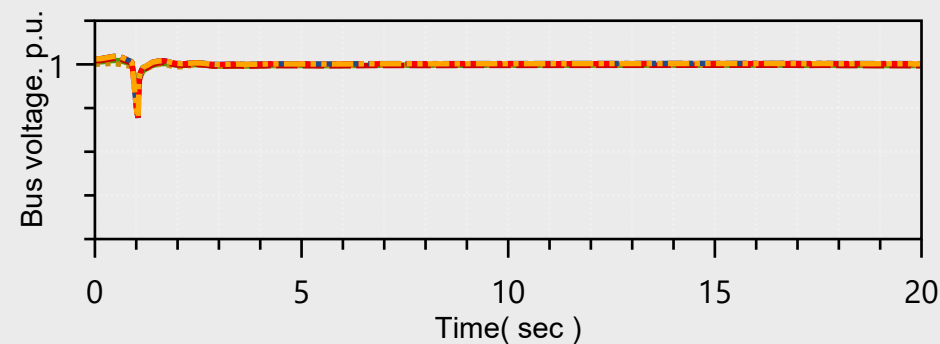
OUTPUTS

Voltage (pu)



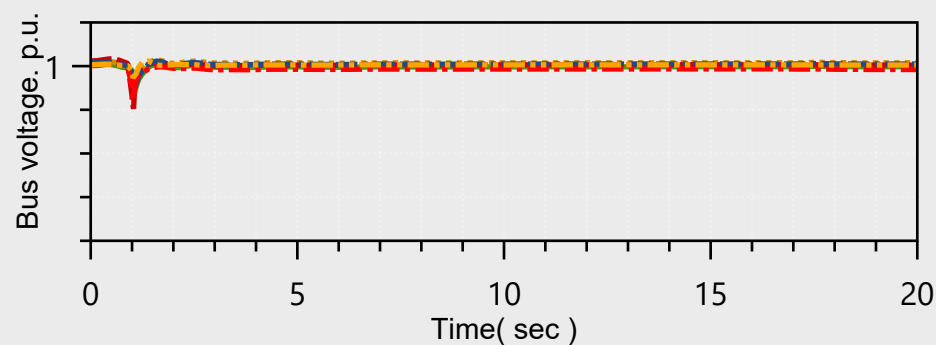
— vmeta: vbus 70311 PAWNEE 230.00 1 1
 - - - vmeta: vbus 70375 SANLSVLY 230.00 1 1
 - - - vmeta: vbus 70447 VALMONT 230.00 1 1
 - - - vmeta: vbus 70459 WALSENBG 230.00 1 1
 - - - vmeta: vbus 70464 WATERTON 230.00 1 1
 - - - vmeta: vbus 70528 SPRUCE 230.00 1 1

Voltage (pu)



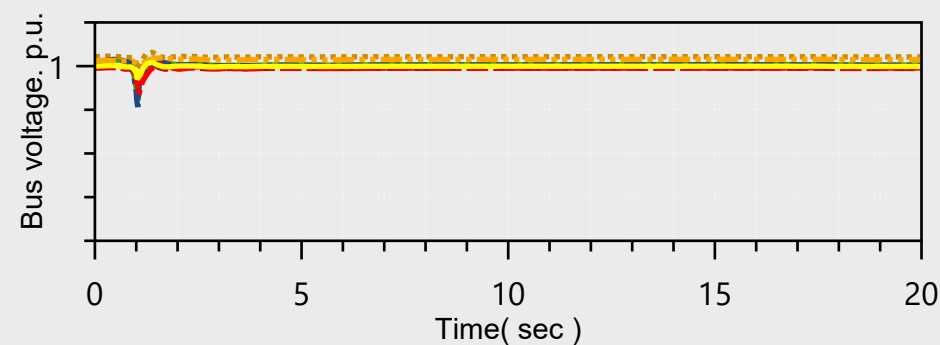
— vmeta: vbus 70060 BOONE 115.00 1 1
 - - - vmeta: vbus 70623 MISS_SITE 230.00 1 1
 - - - vmeta: vbus 70652 MIRASOL 230.00 1 1
 - - - vmeta: vbus 70875 BIGHORN_S_3 230.00 1 1
 - - - vmeta: vbus 700208 REPL_2024_1 230.00 1 1
 - - - vmeta: vbus 700134 REPL_2021_1 230.00 1 1

Voltage (pu)



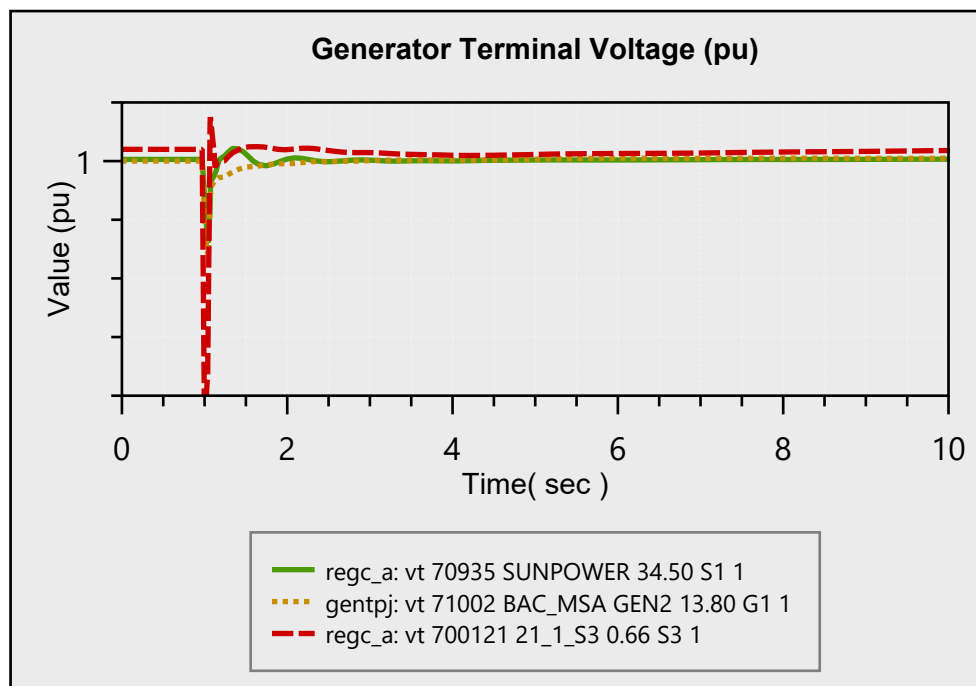
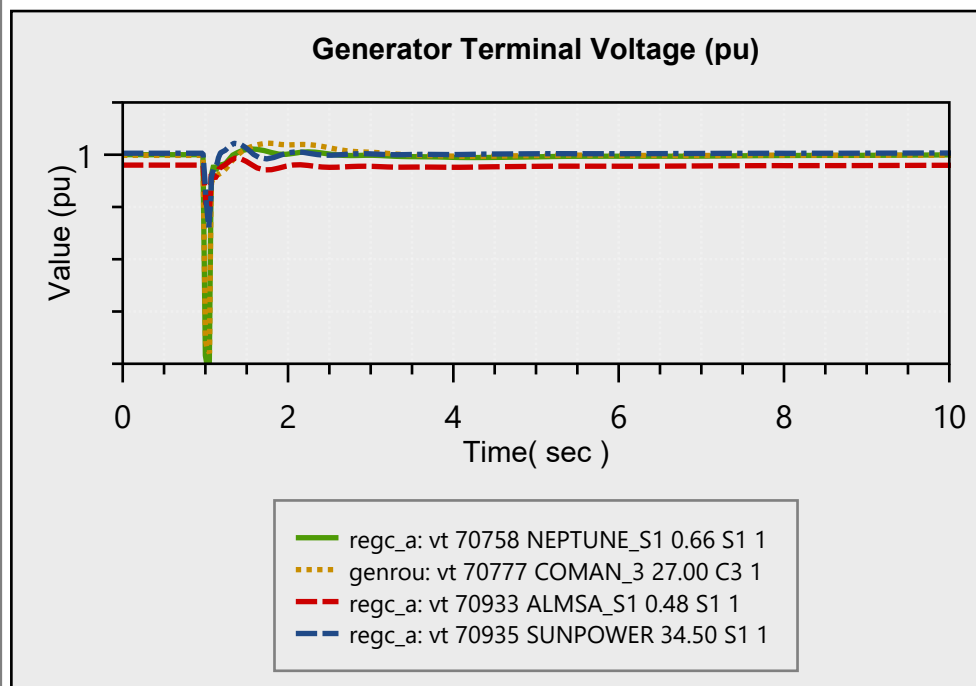
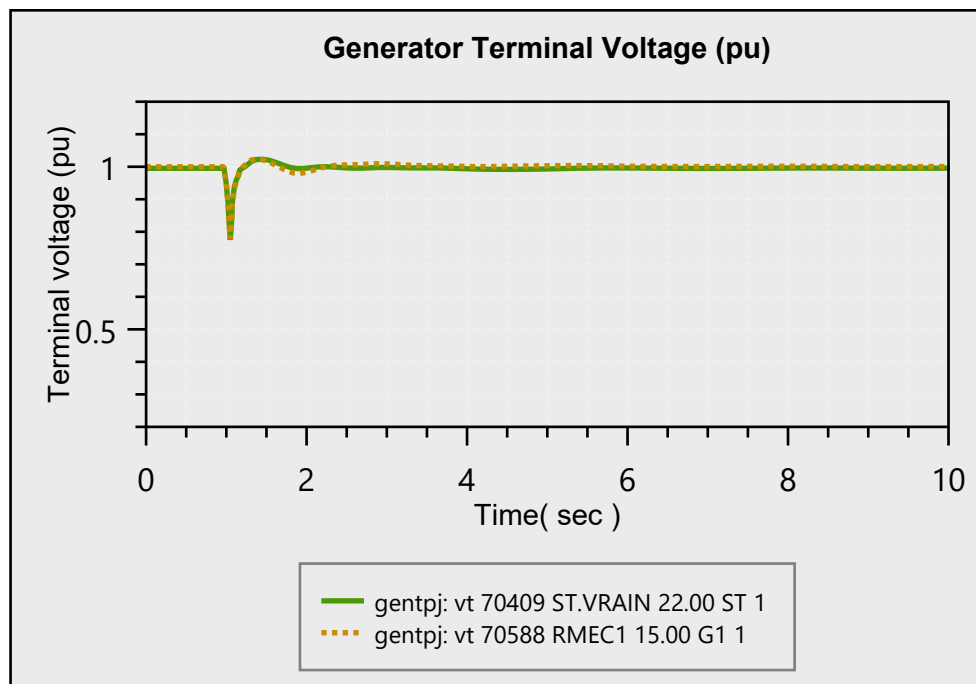
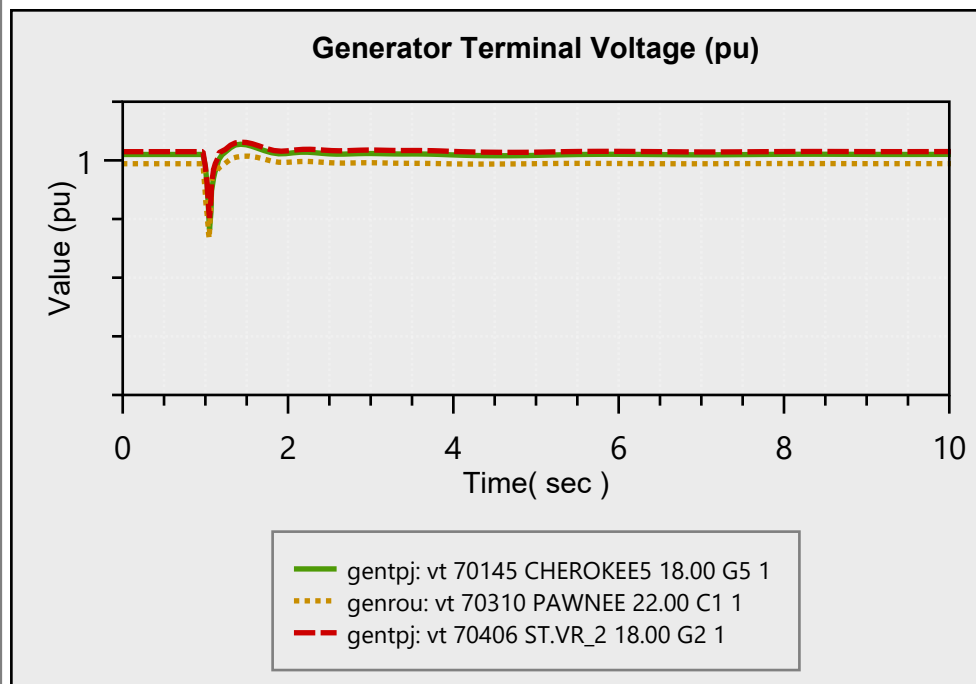
— vmeta: vbus 70066 LOOKOUT_2 115.00 1 1
 - - - vmeta: vbus 70108 CHEROKEE_S 115.00 1 1
 - - - vmeta: vbus 70121 COMANCHE_1 115.00 1 1
 - - - vmeta: vbus 70144 DENVER_TM_2 115.00 1 1
 - - - vmeta: vbus 70285 MIDWAY_PS 115.00 1 1
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Voltage (pu)

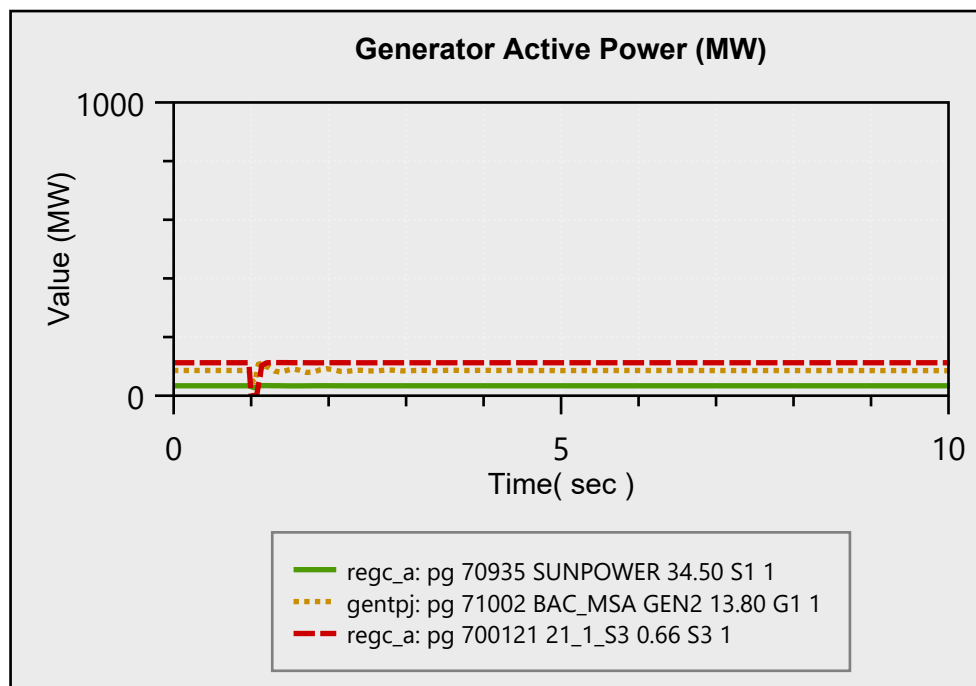
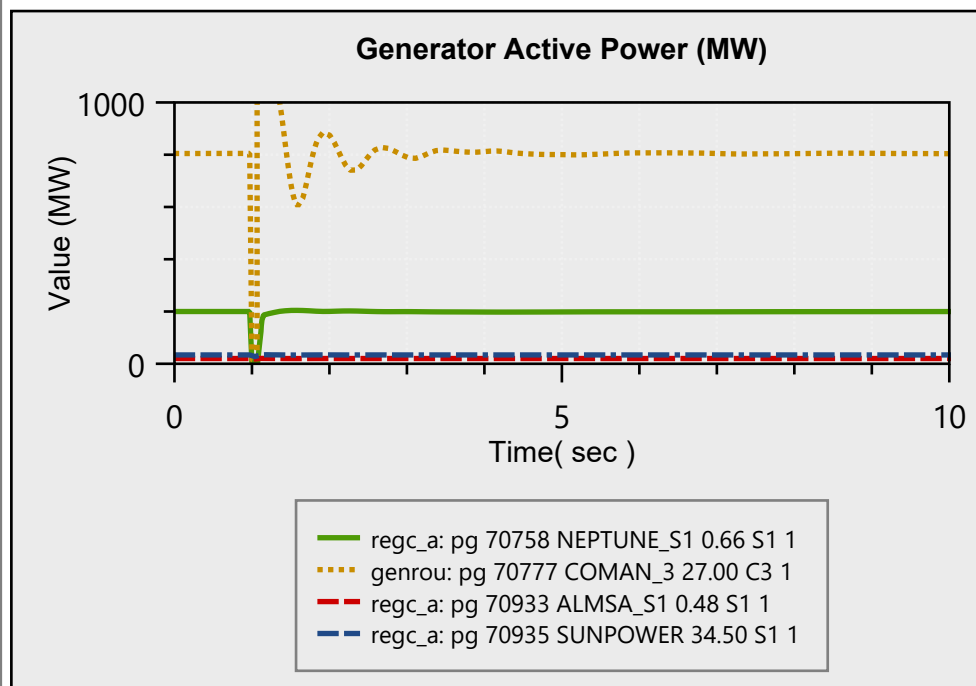
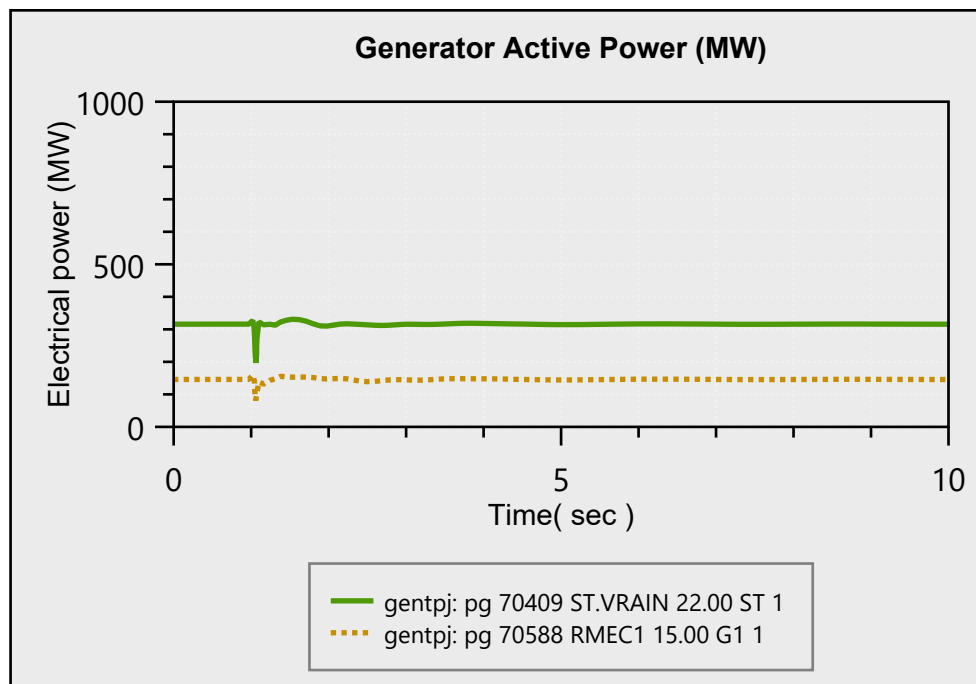
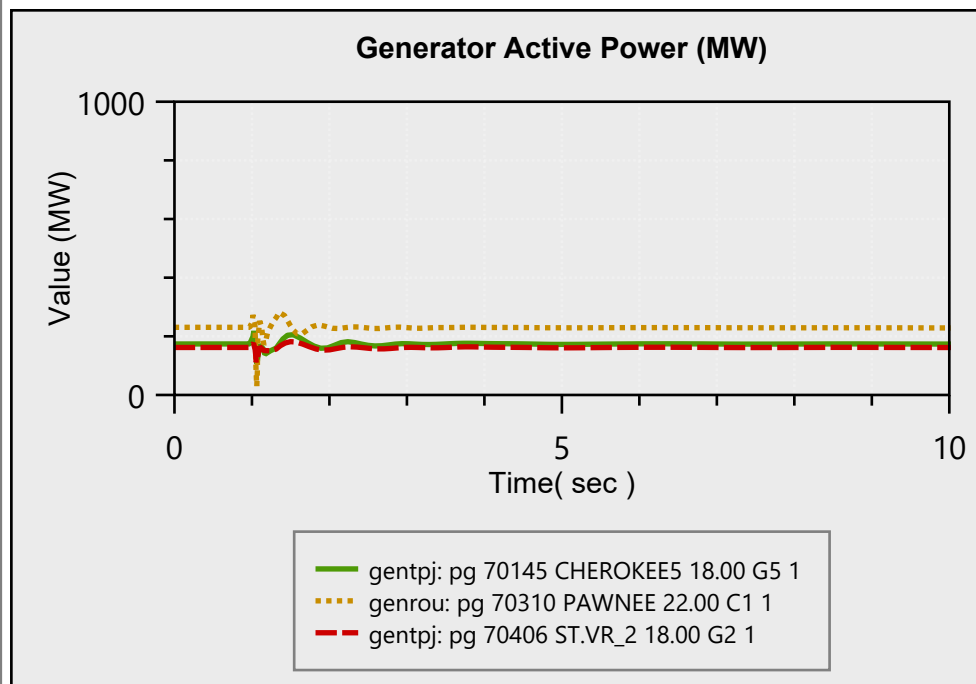


— vmeta: vbus 70062 BOONE 69.00 1 1
 - - - vmeta: vbus 70186 ALAMOSA_TP 69.00 1 1
 - - - vmeta: vbus 70230 HOOPERTP 69.00 1 1
 - - - vmeta: vbus 70353 READER 69.00 1 1
 - - - vmeta: vbus 70444 VALMONT_1 115.00 1 1
 - - - vmeta: vbus 70981 BLUESTONE 69.00 1 1

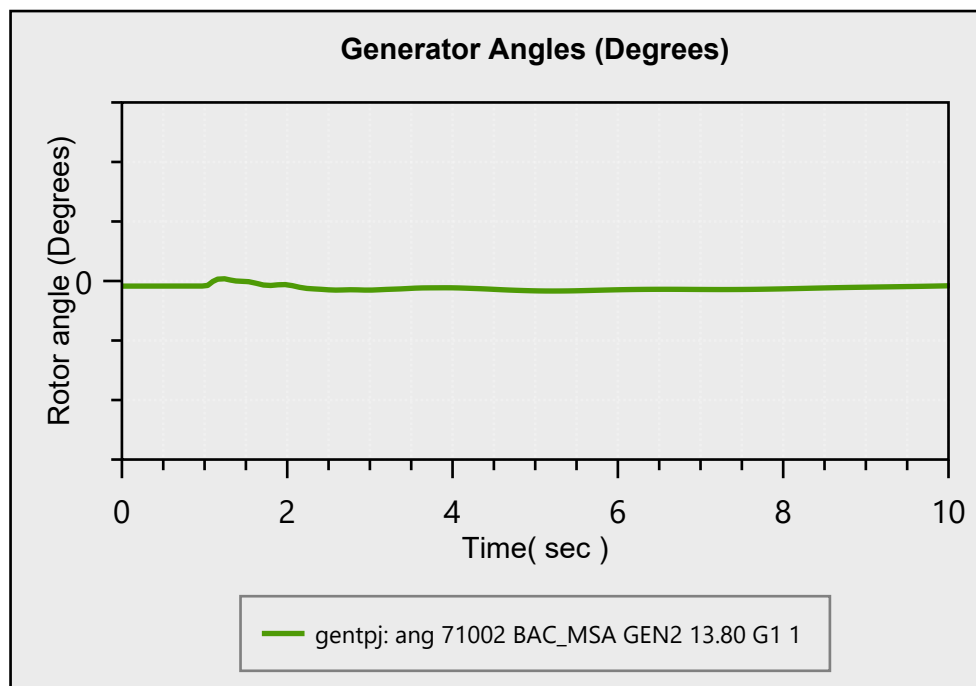
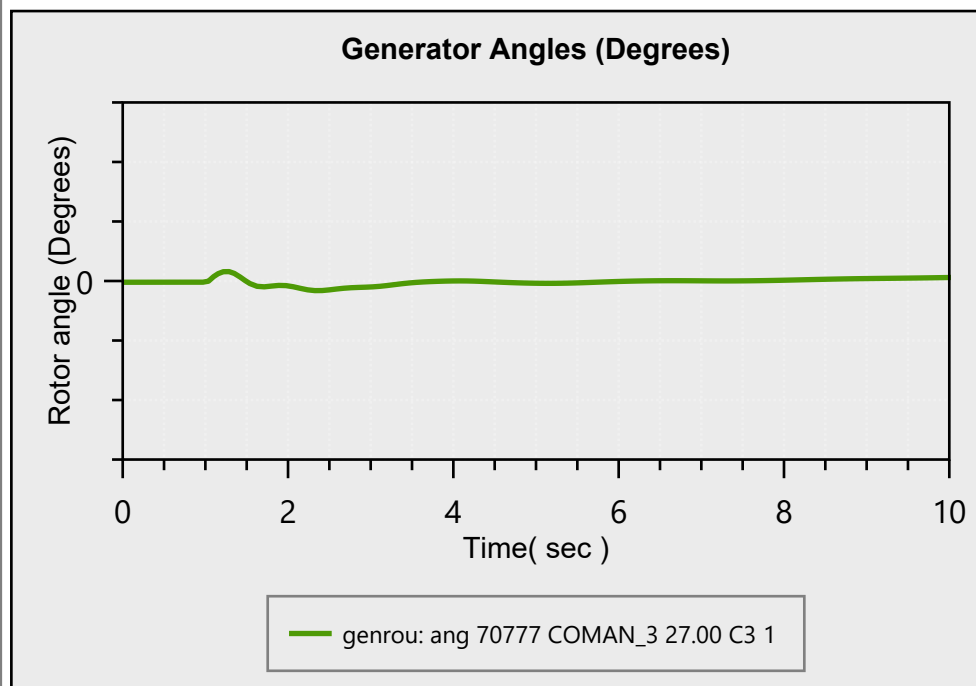
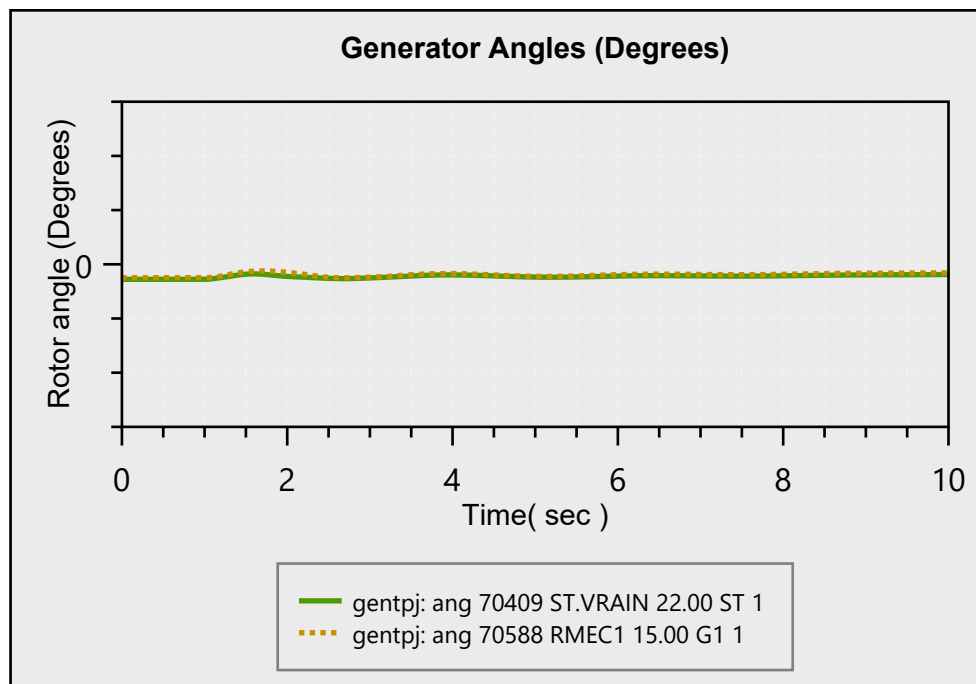
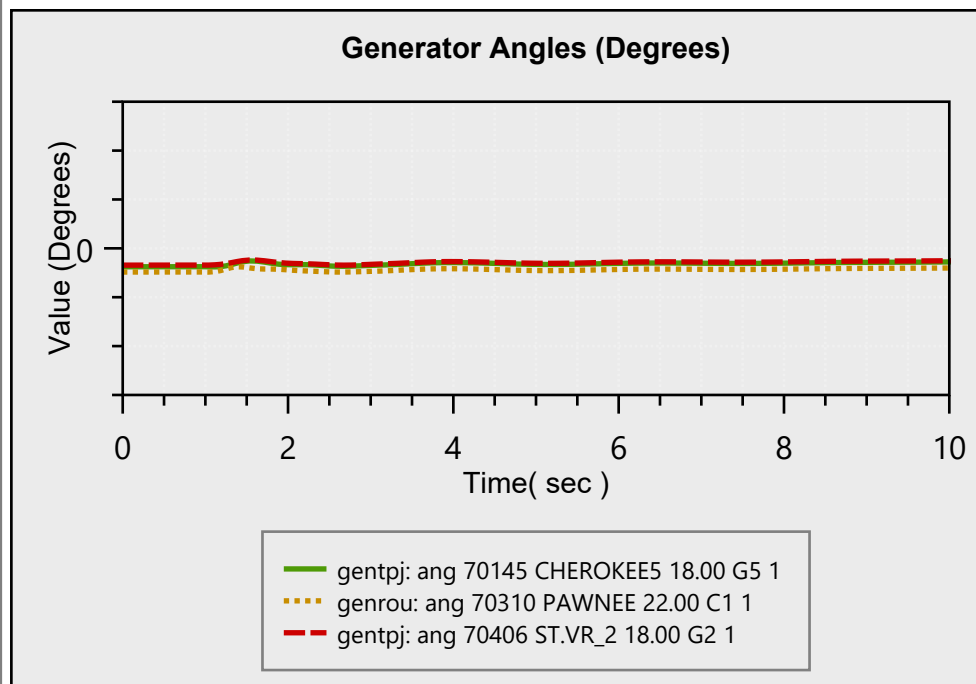
OUTPUTS



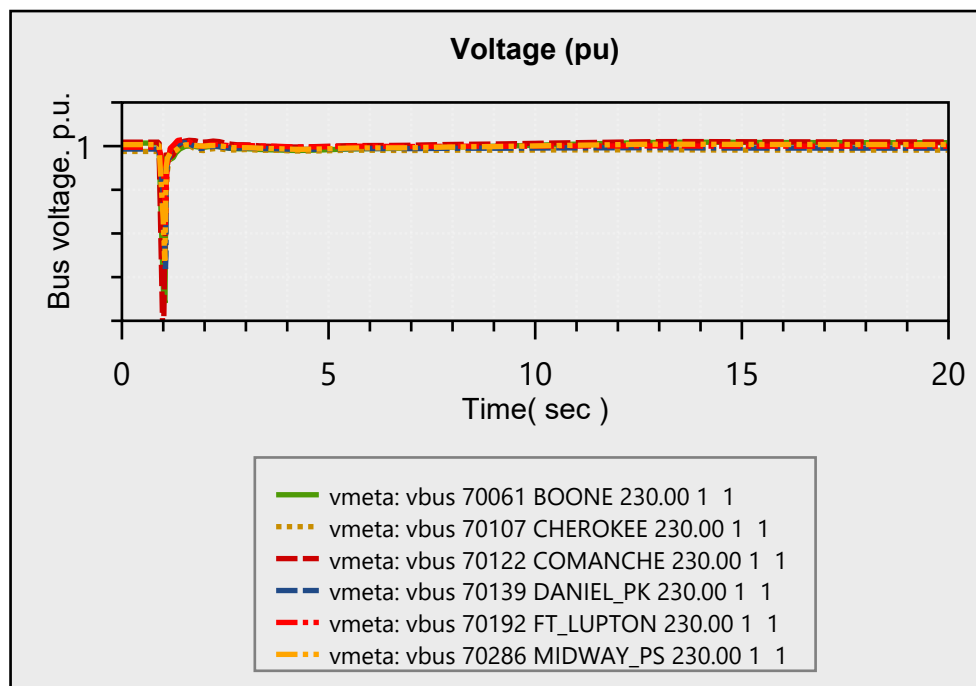
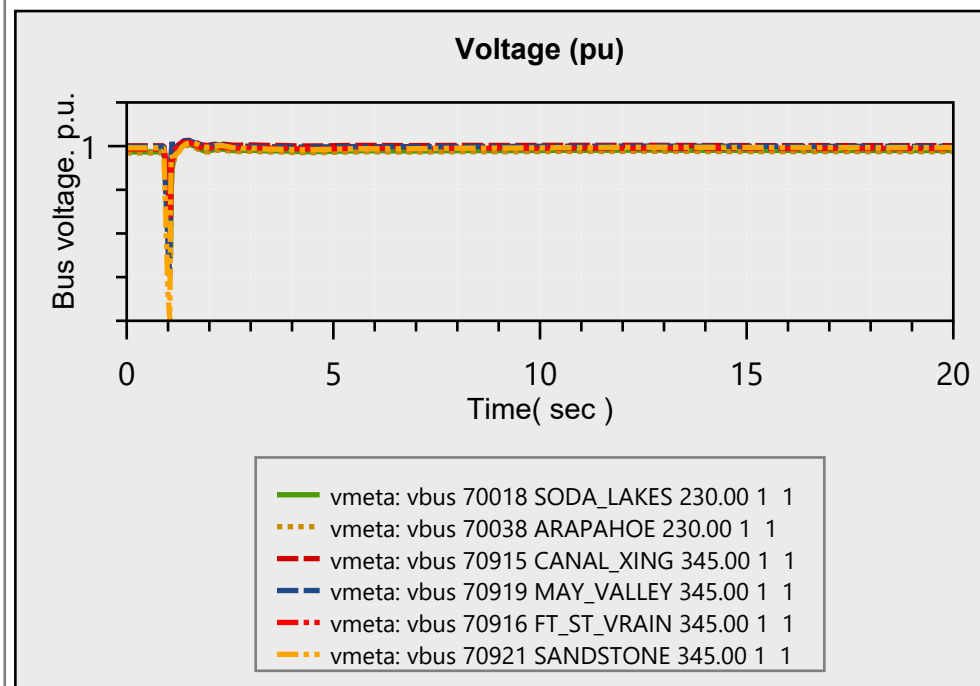
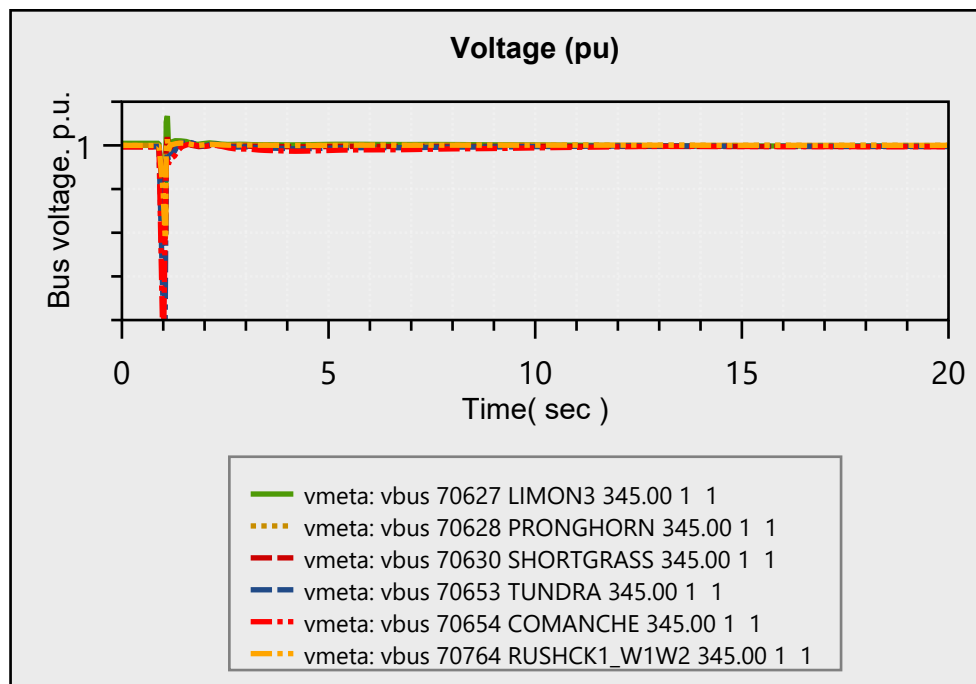
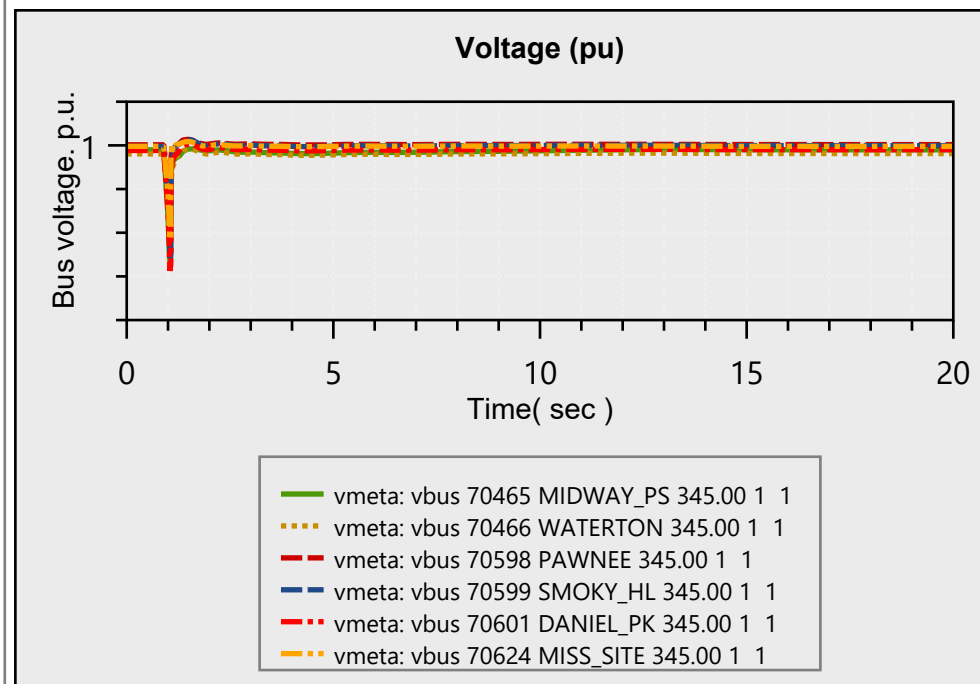
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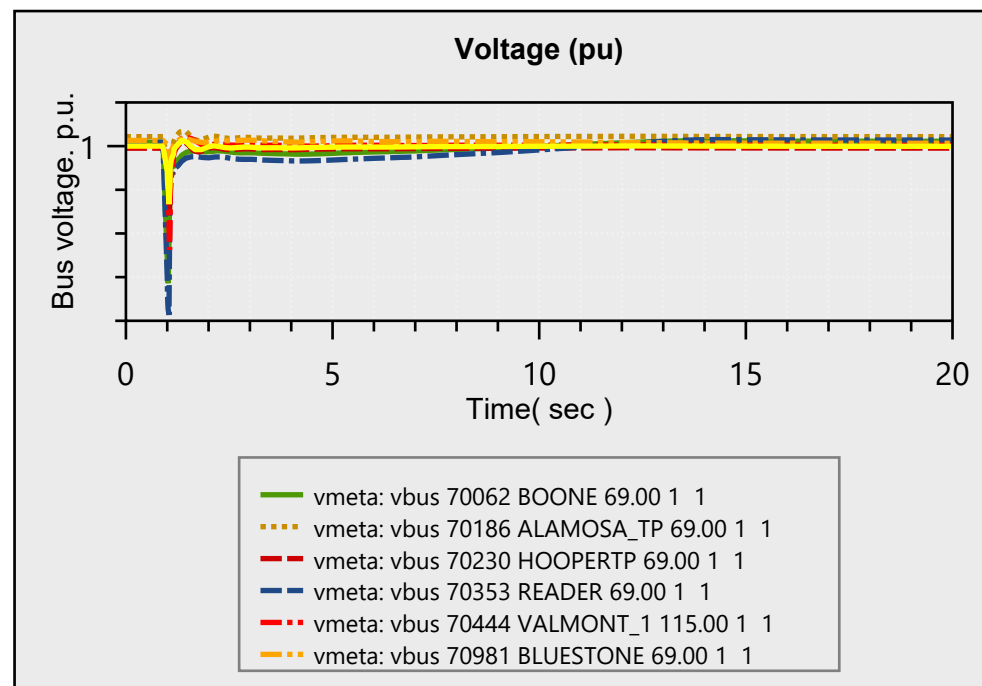
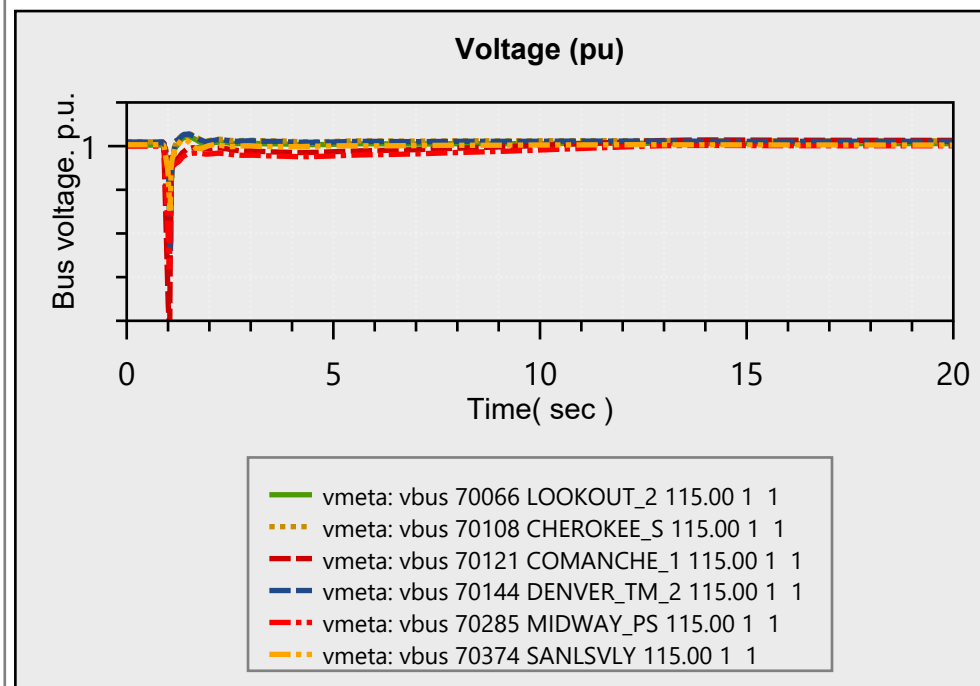
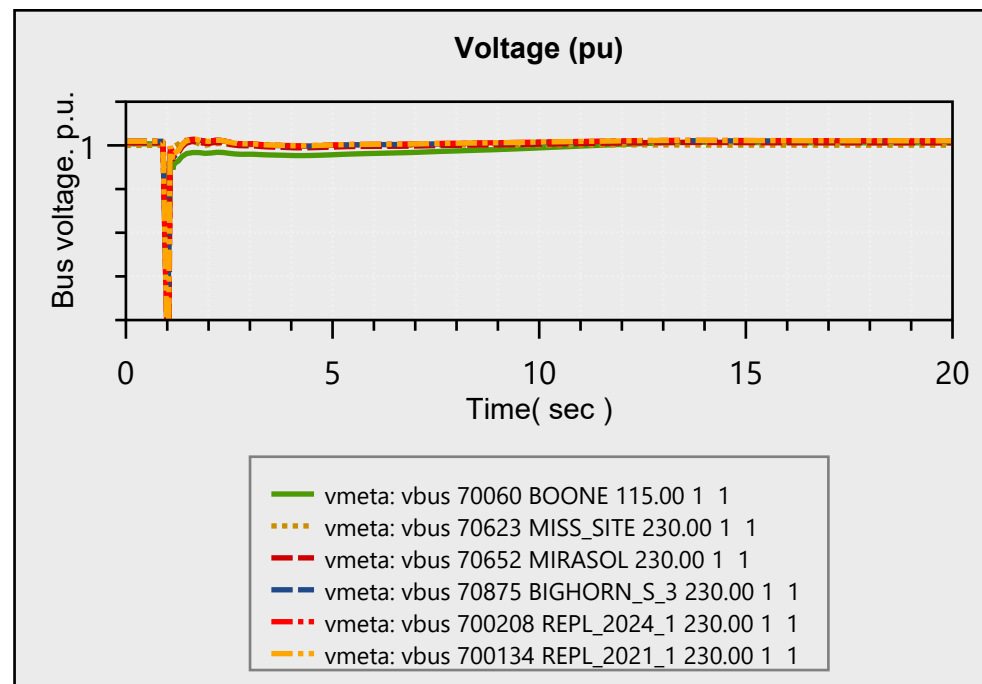
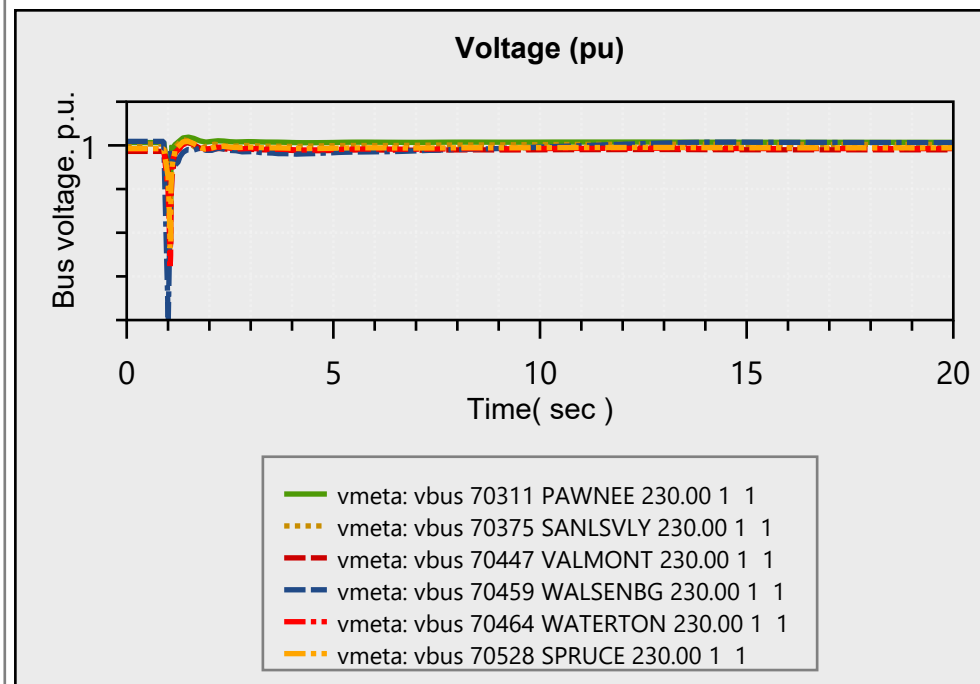
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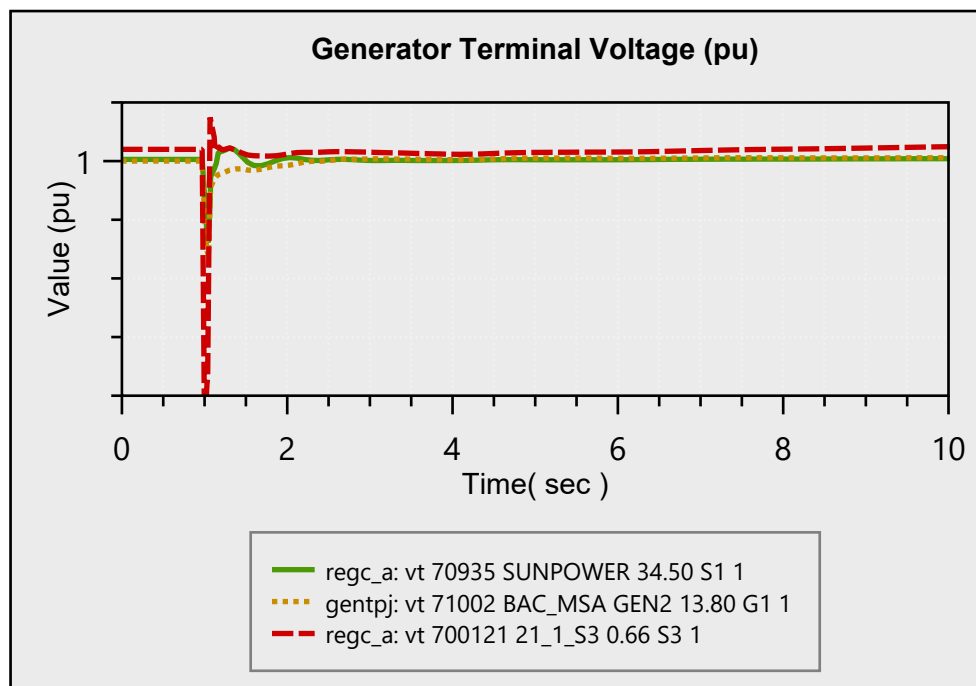
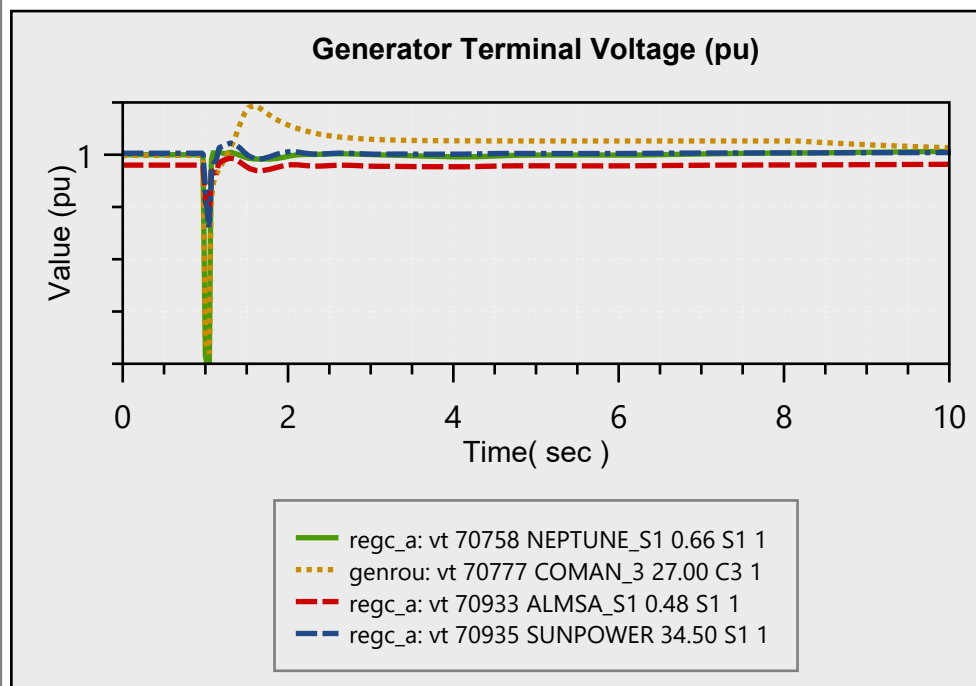
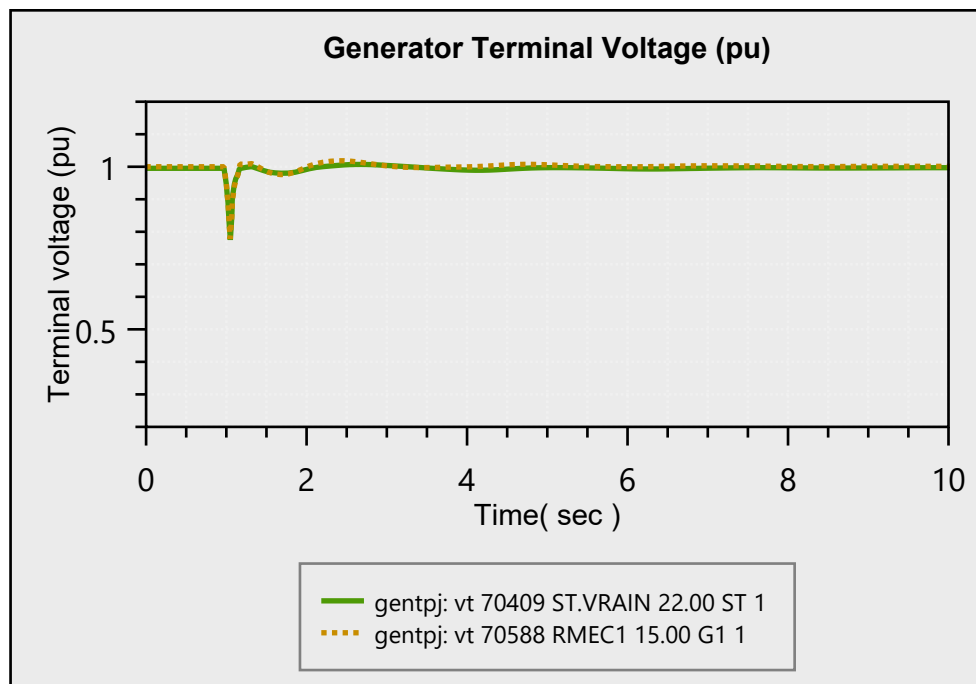
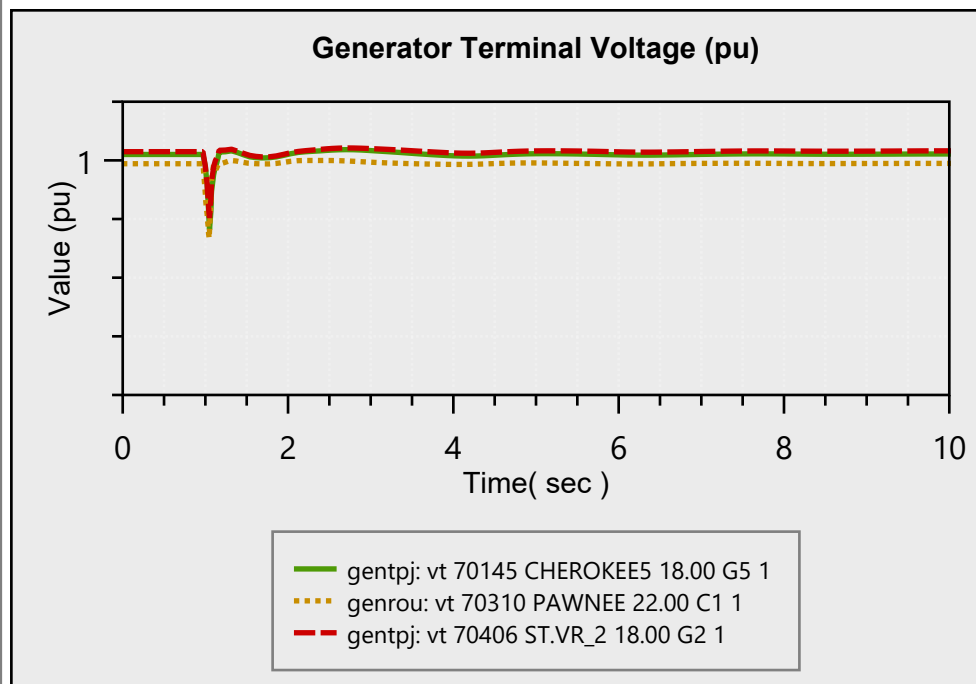
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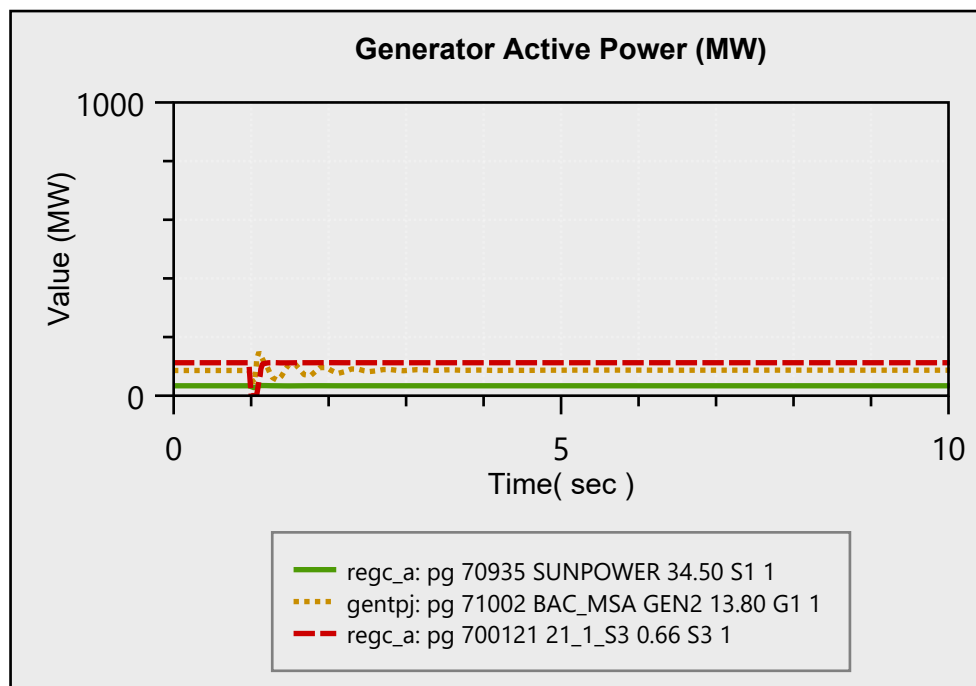
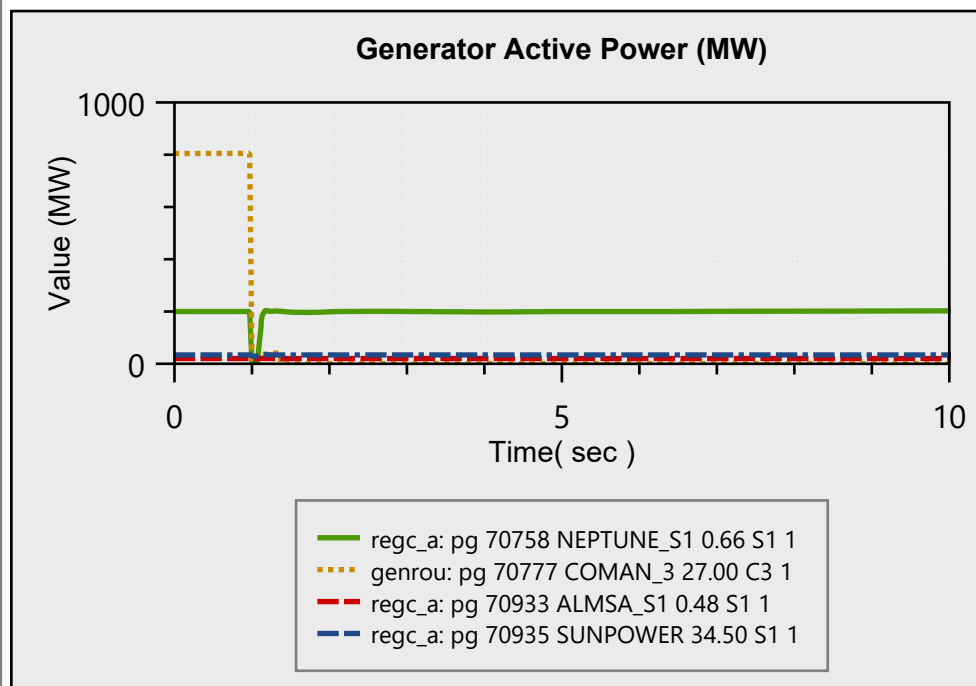
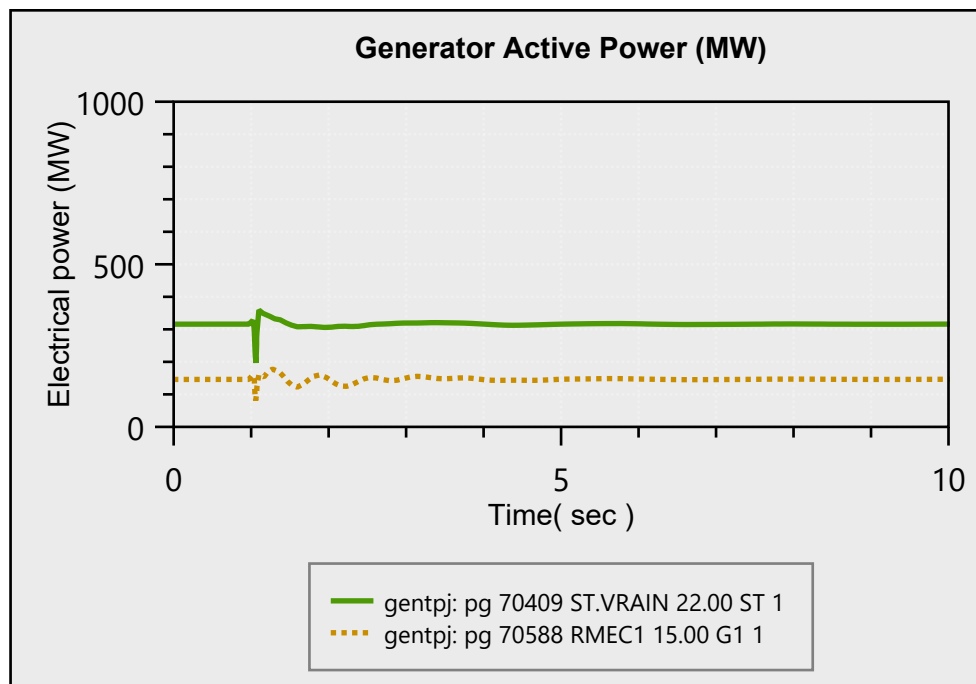
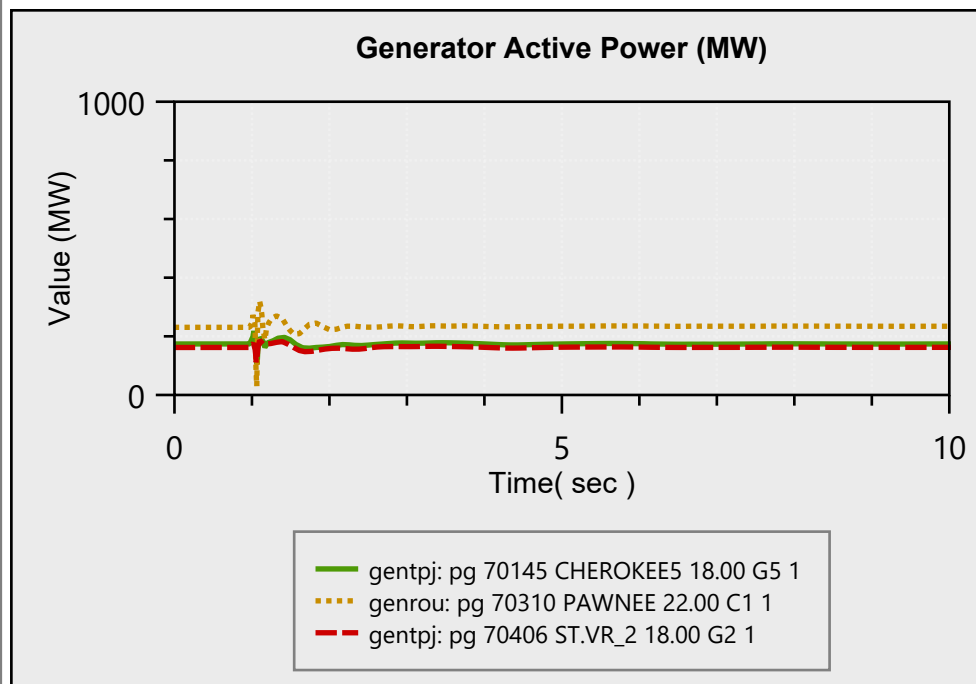
OUTPUTS



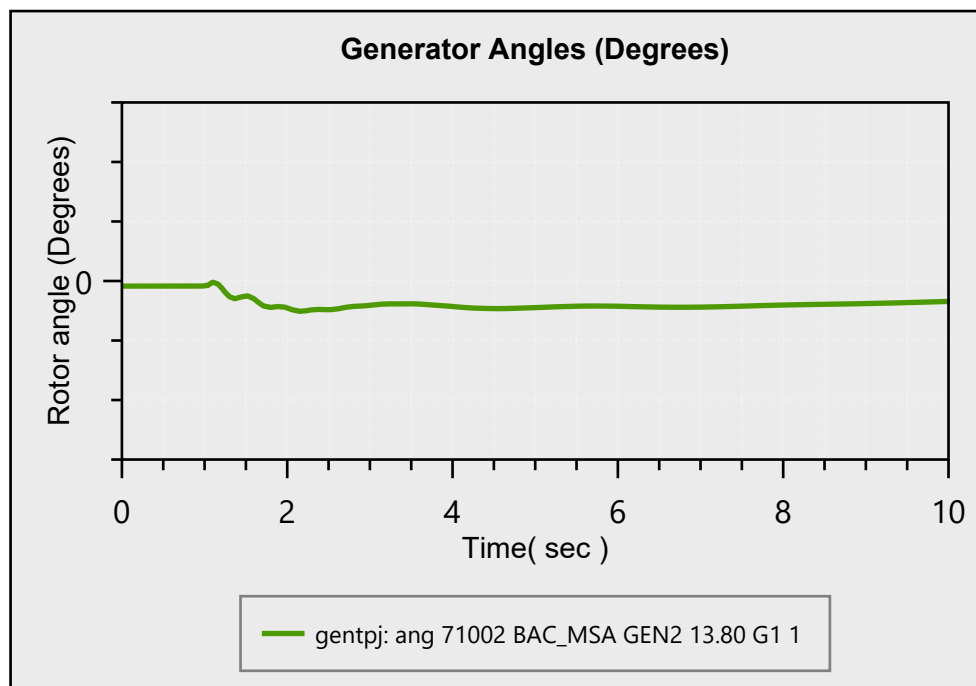
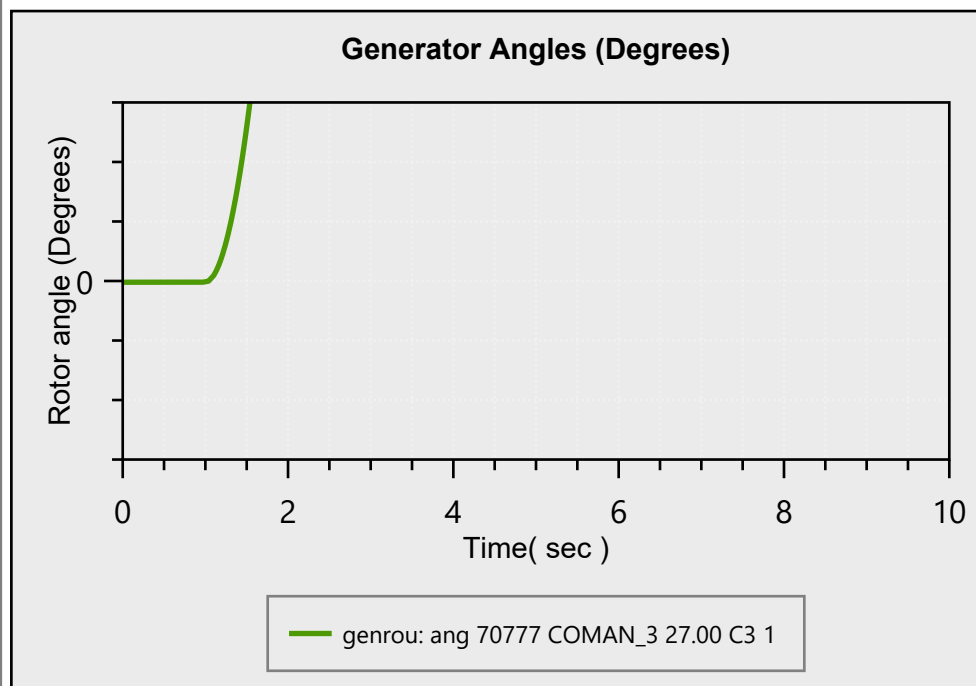
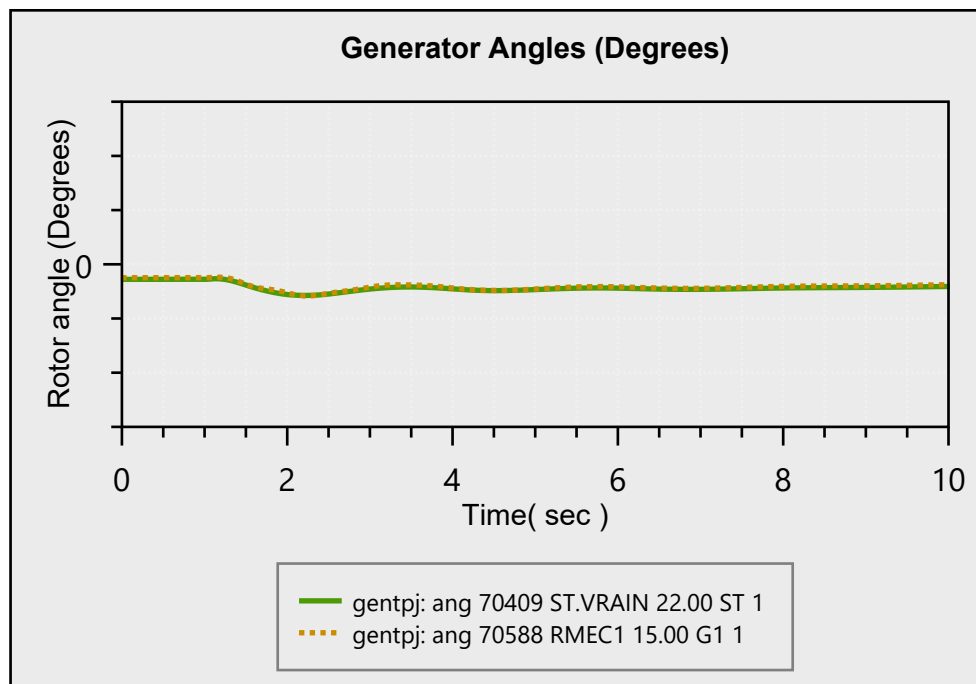
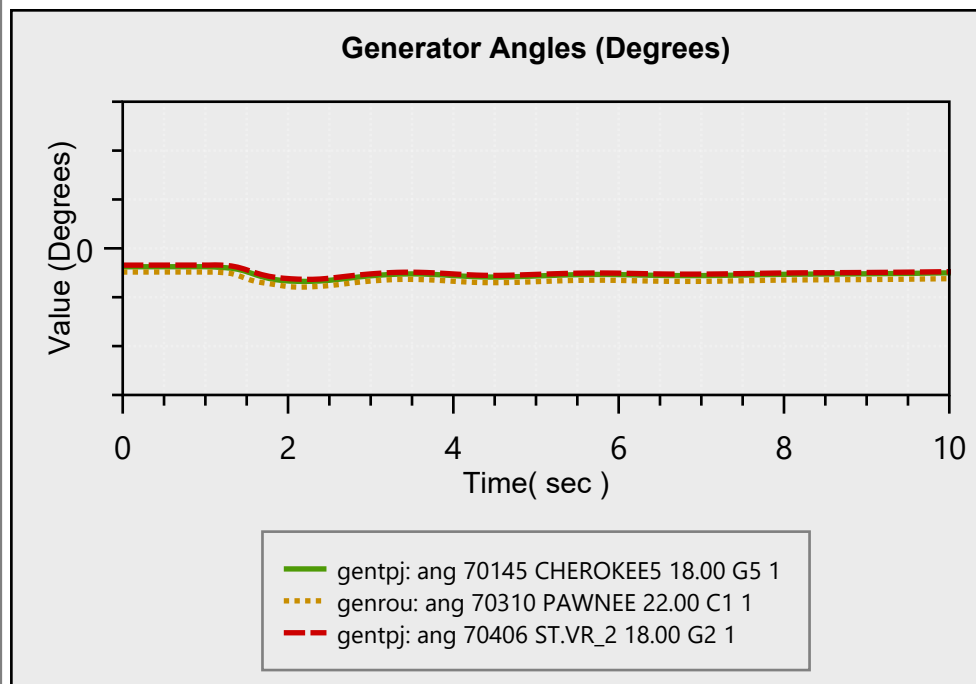
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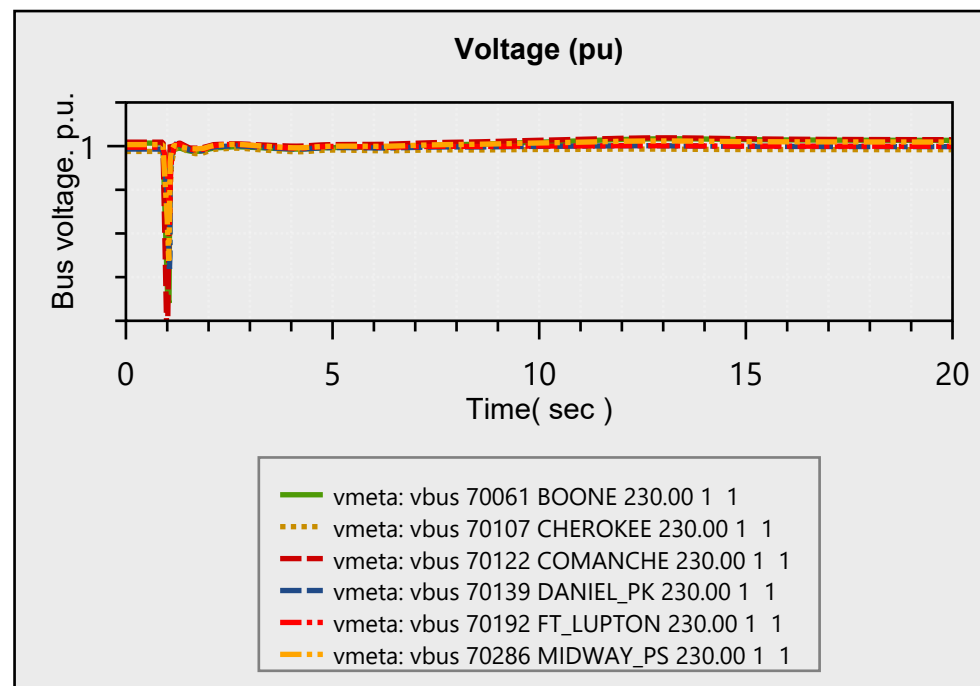
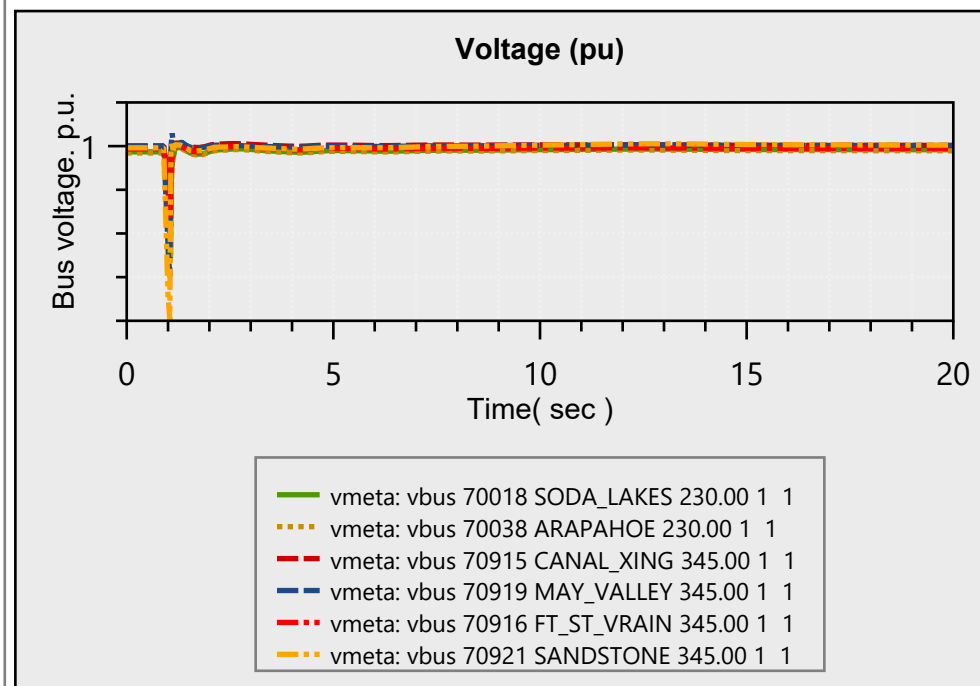
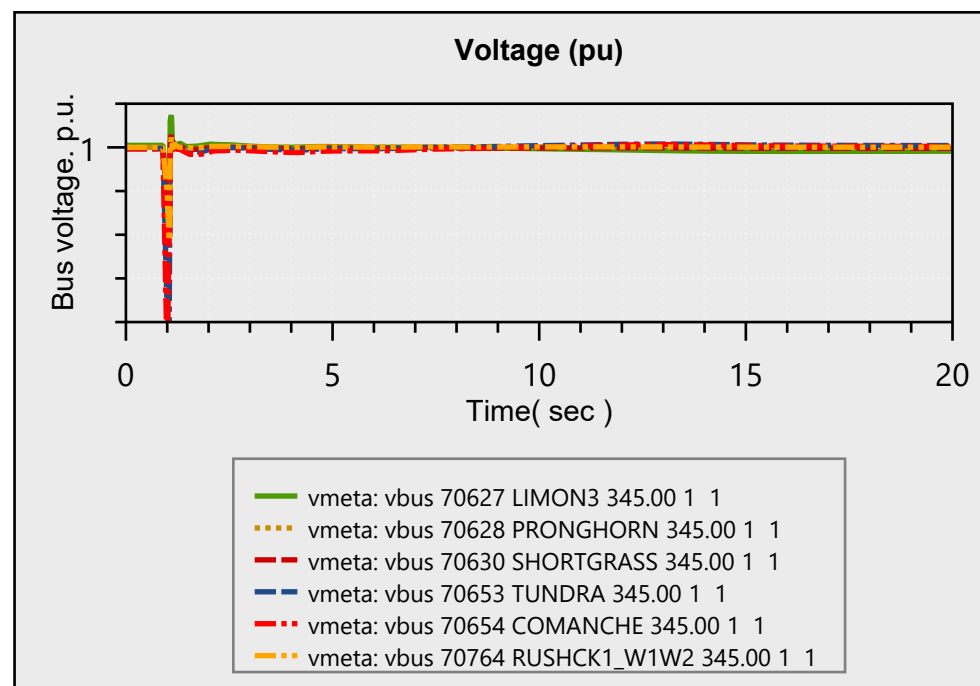
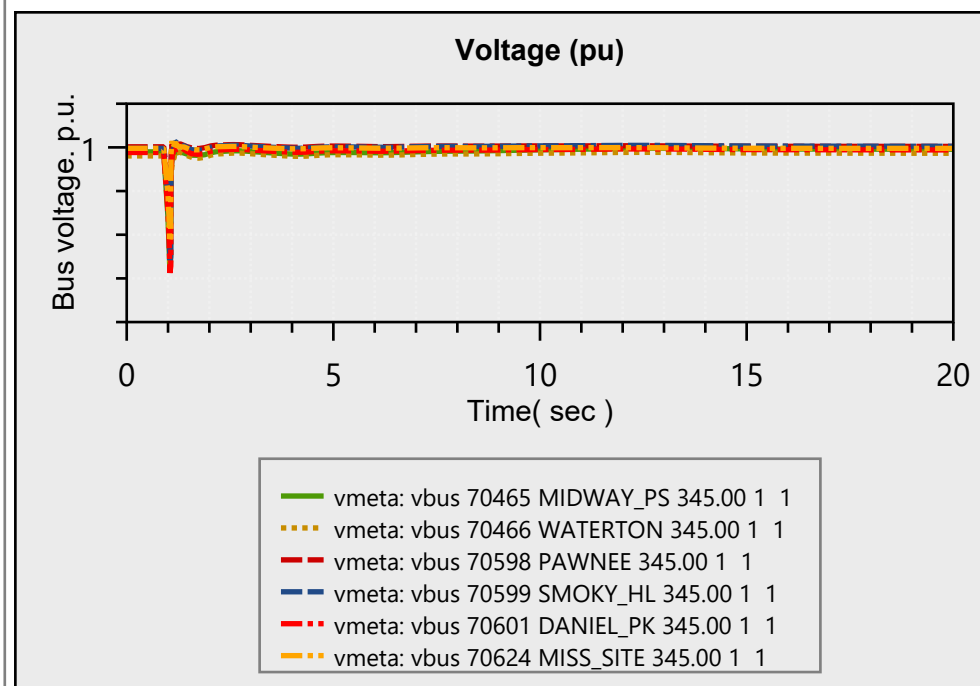
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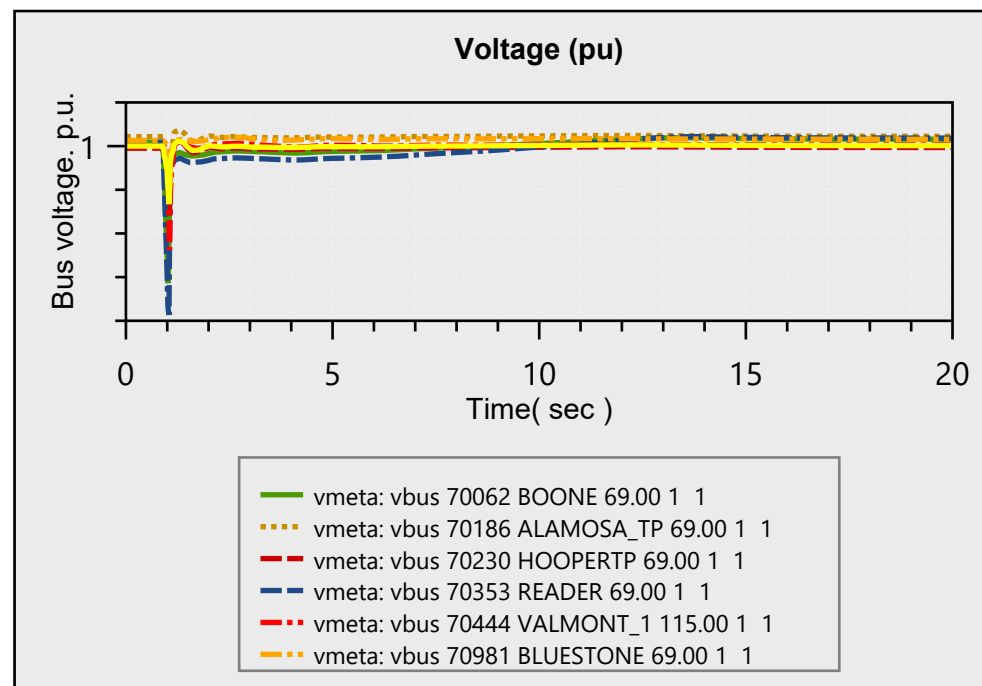
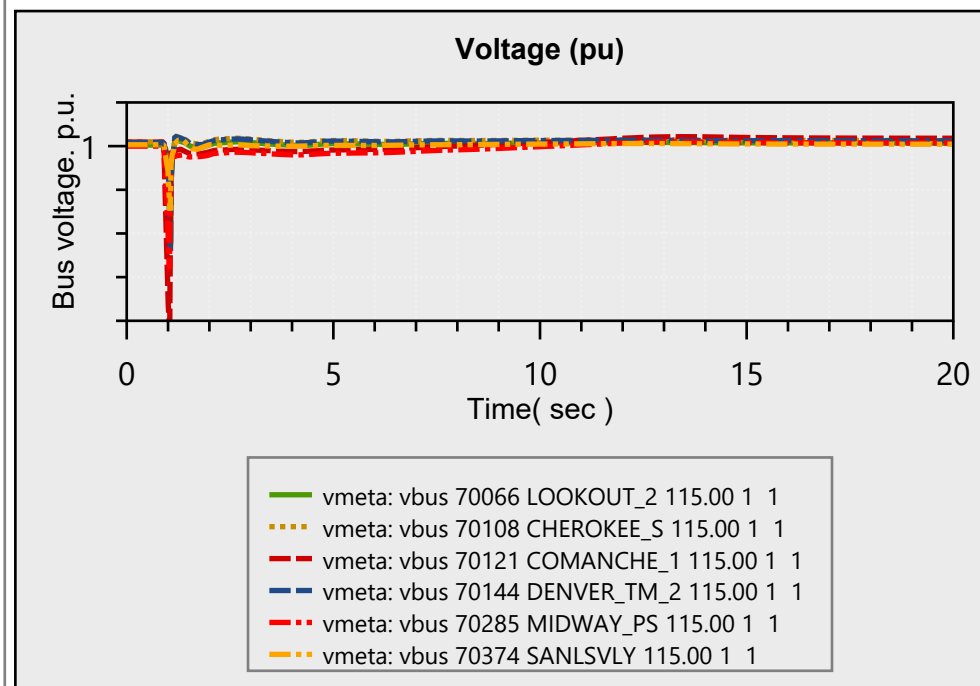
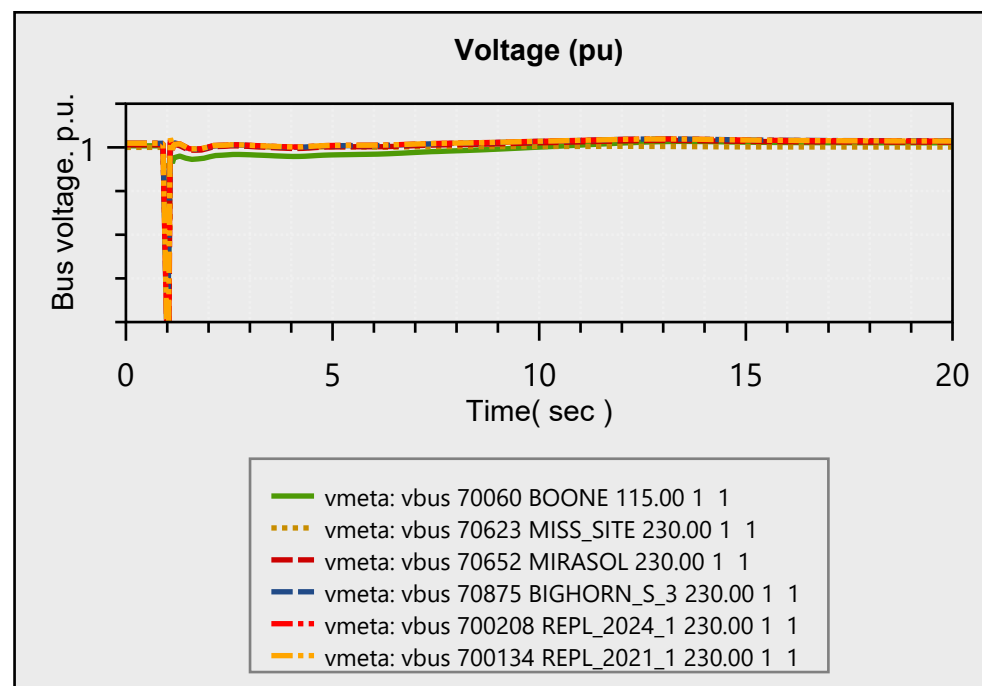
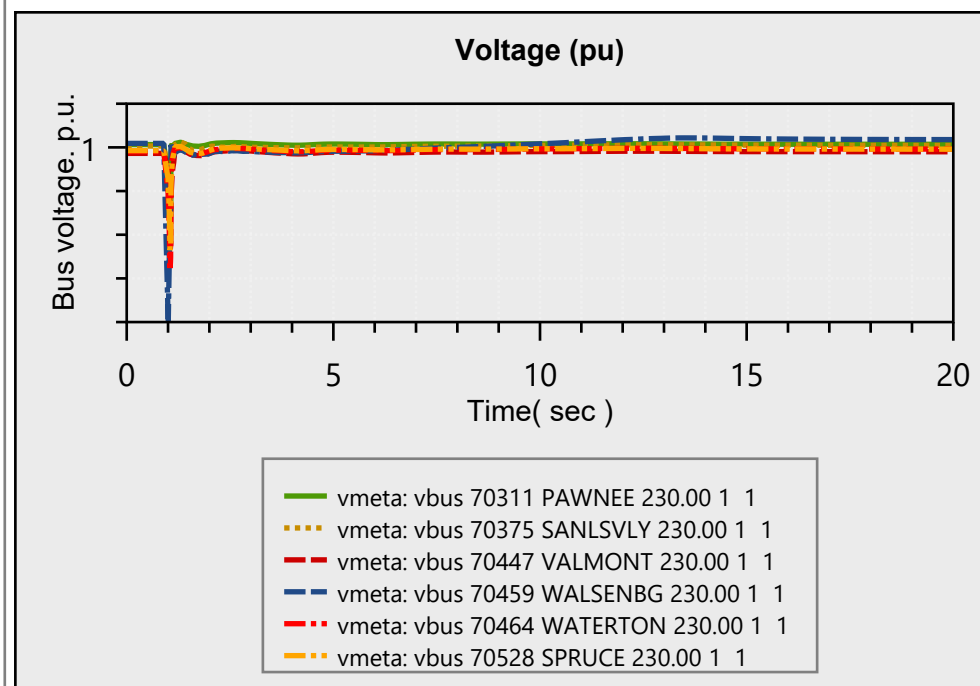
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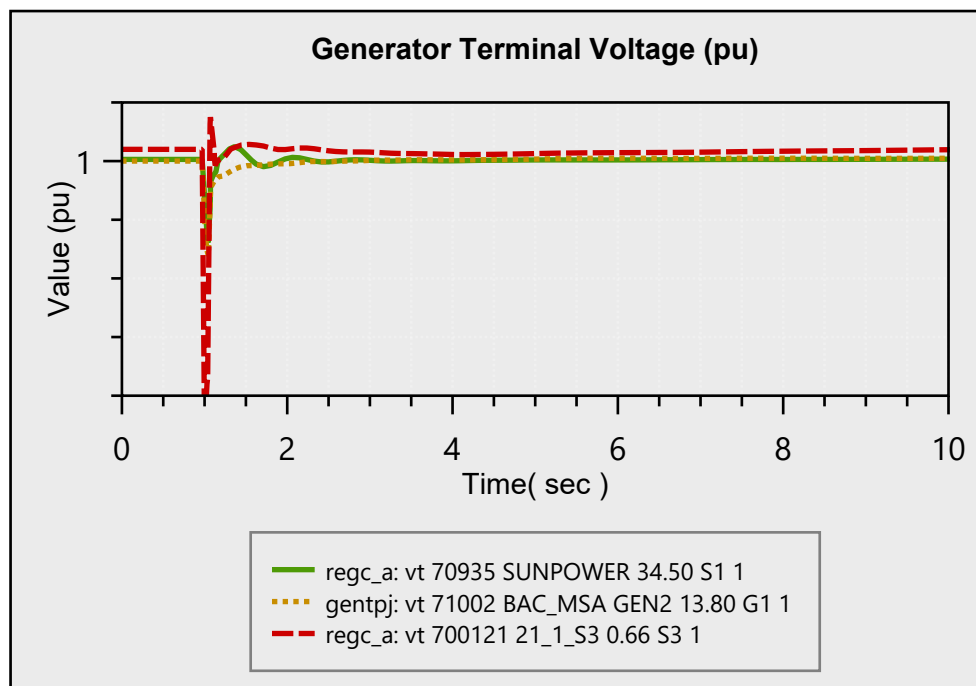
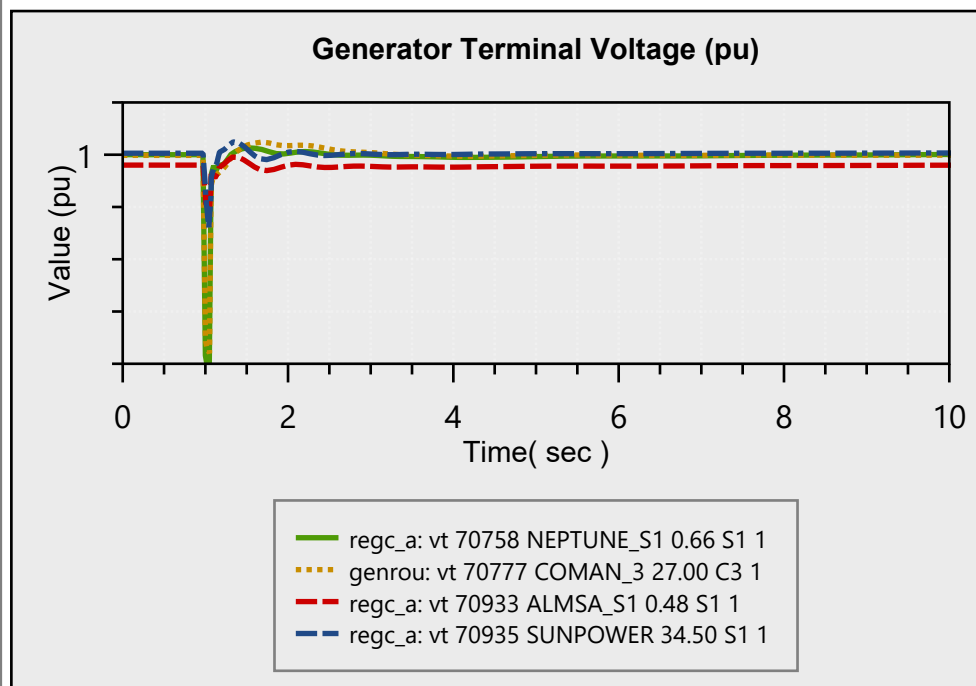
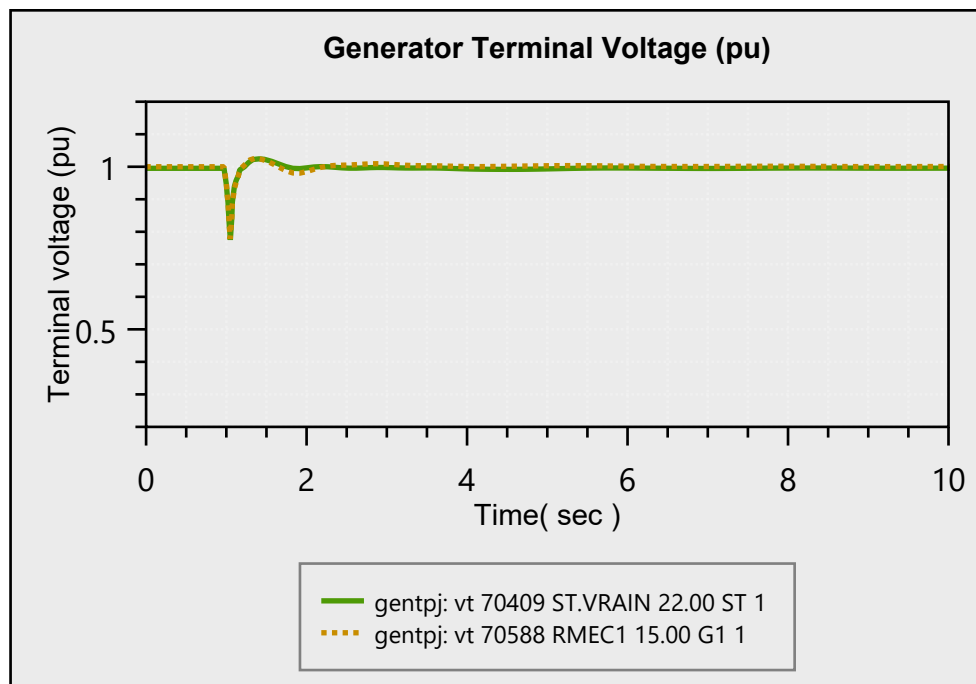
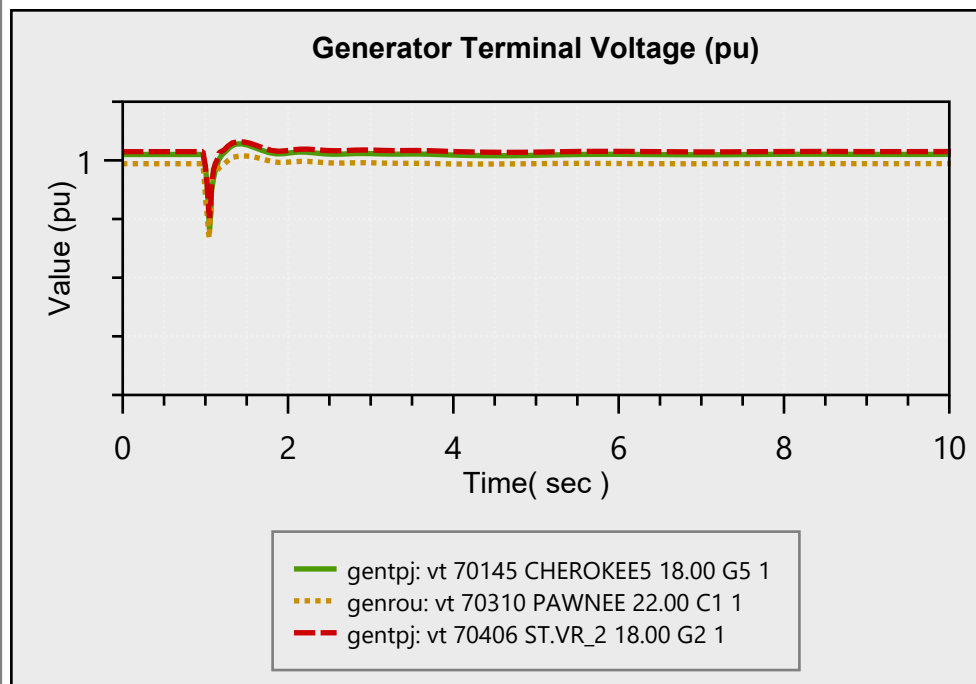
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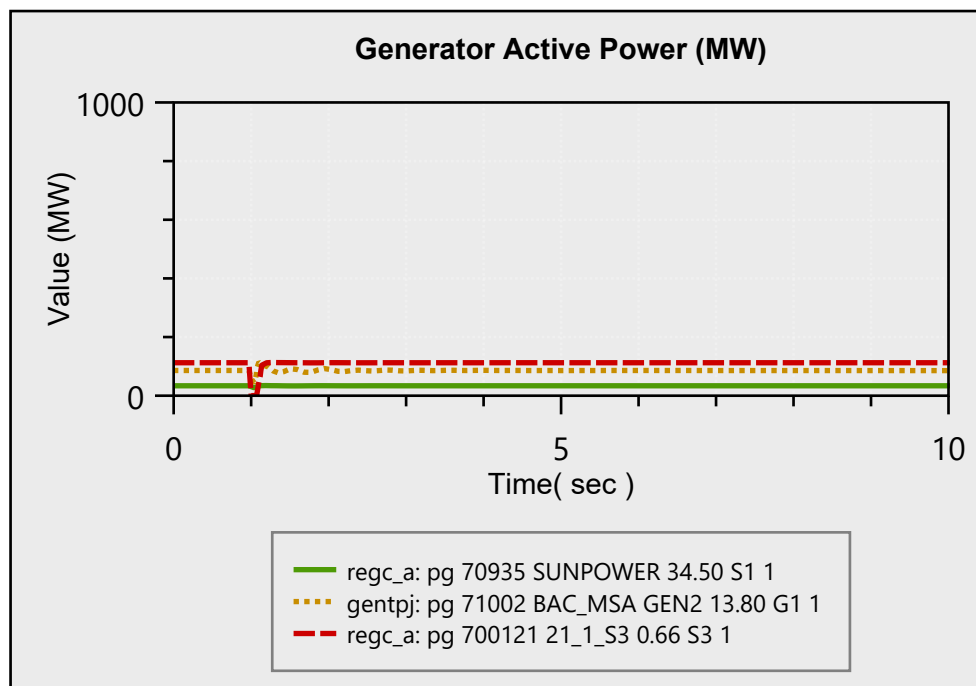
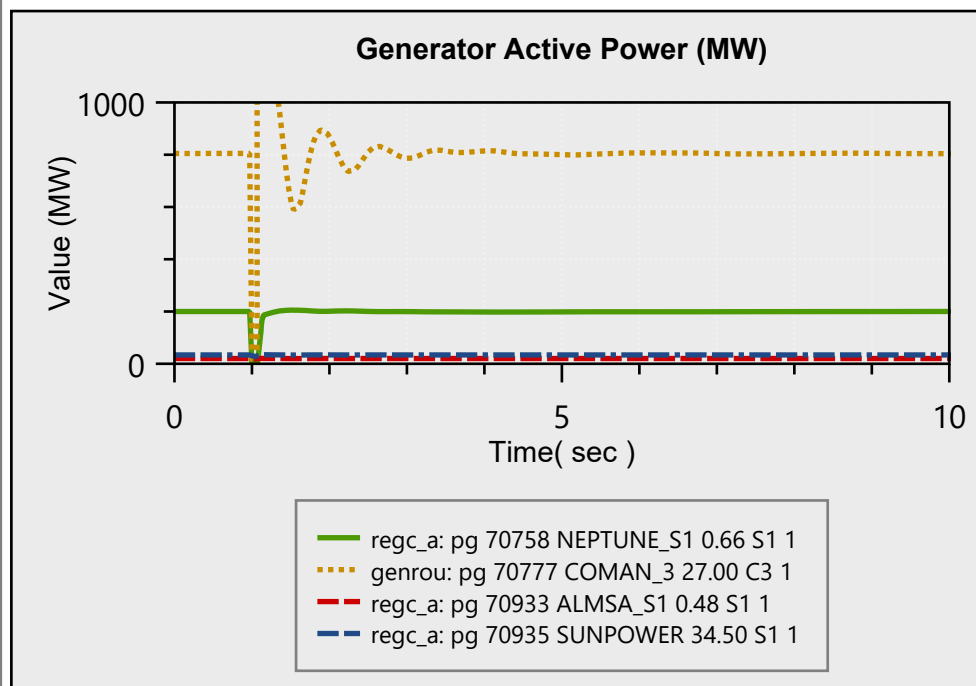
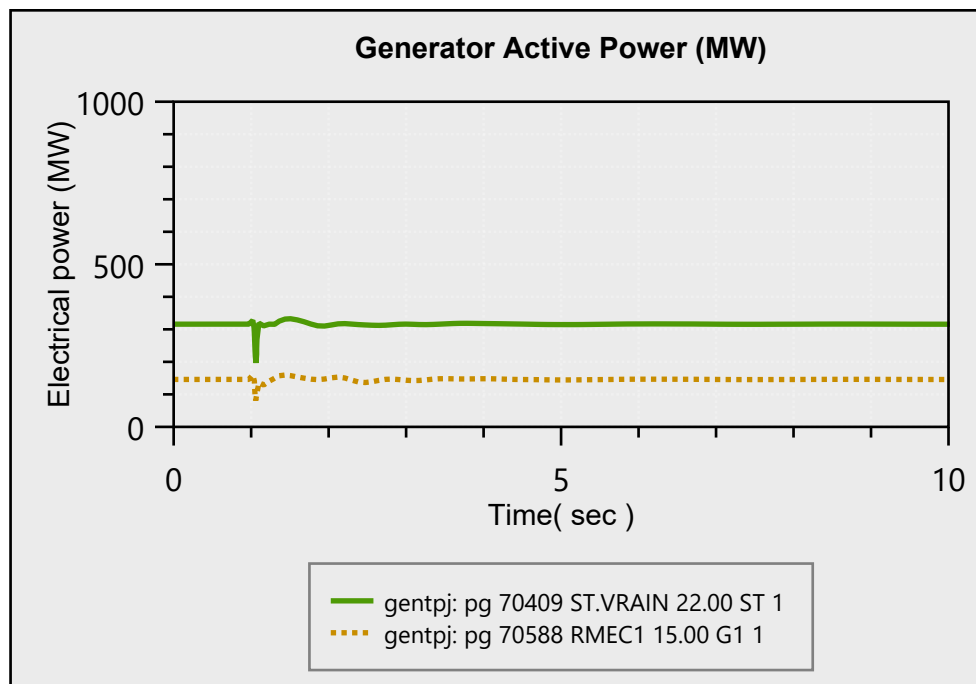
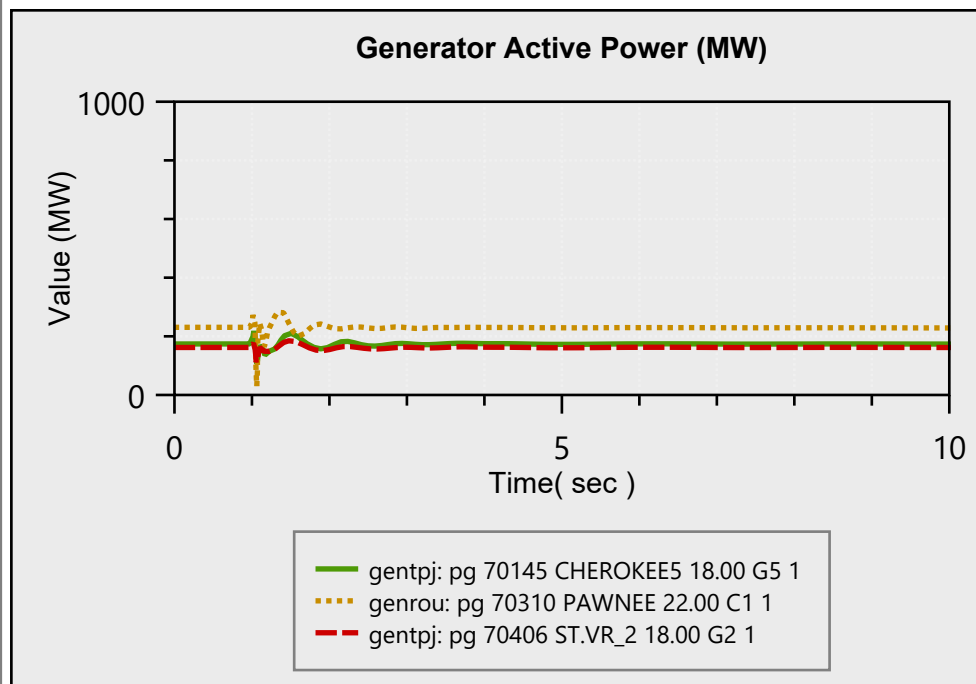
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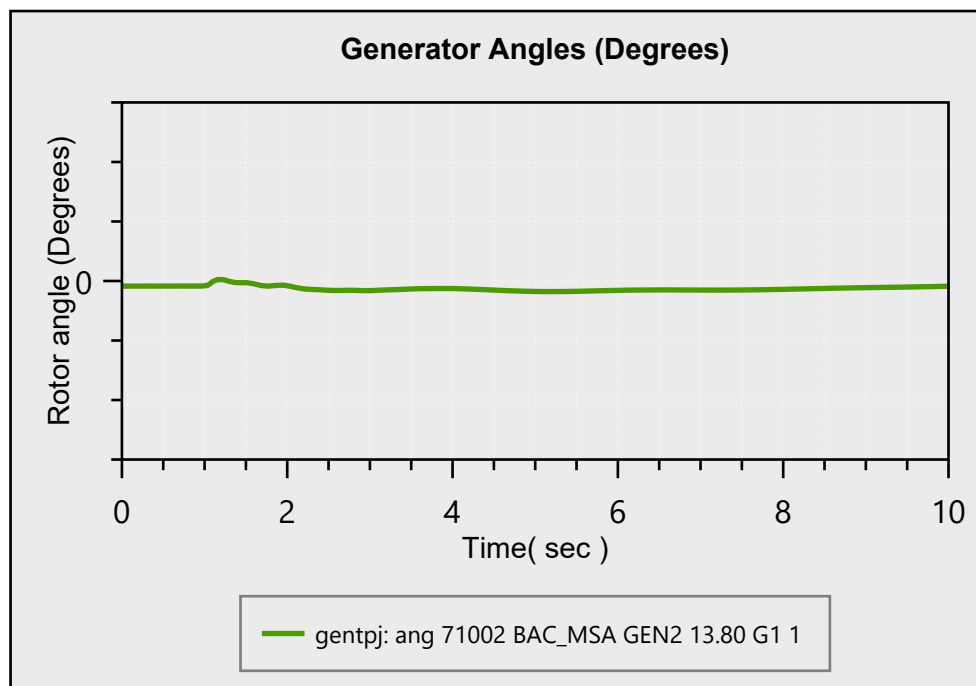
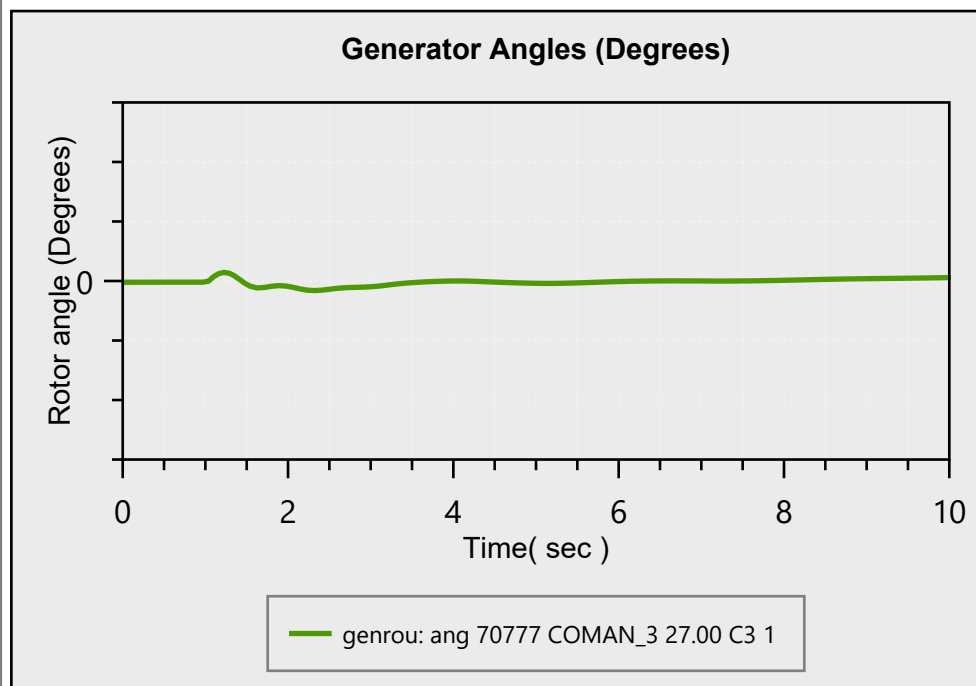
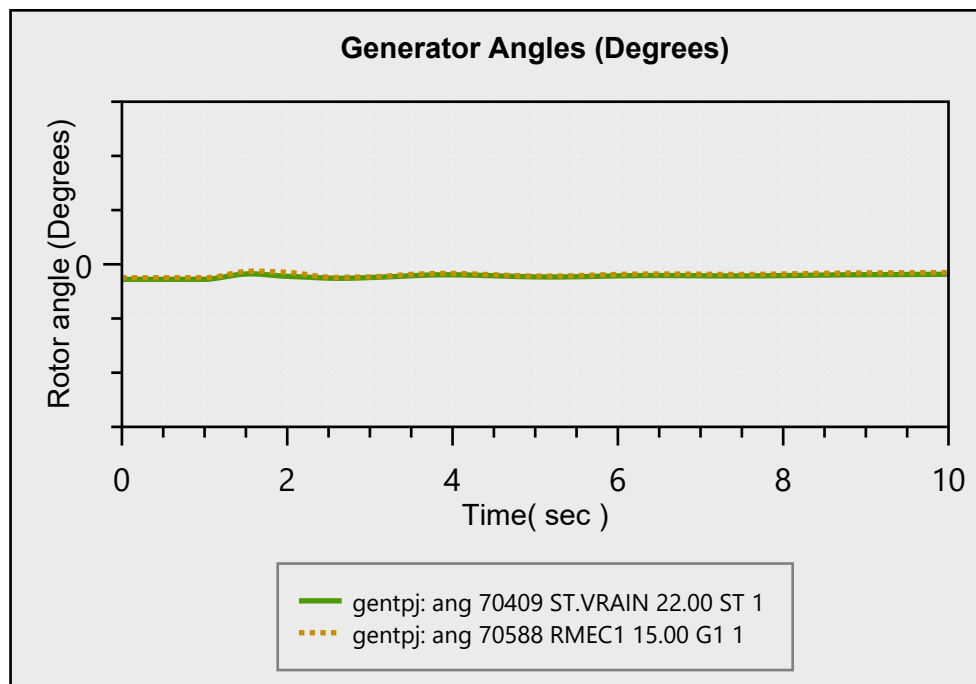
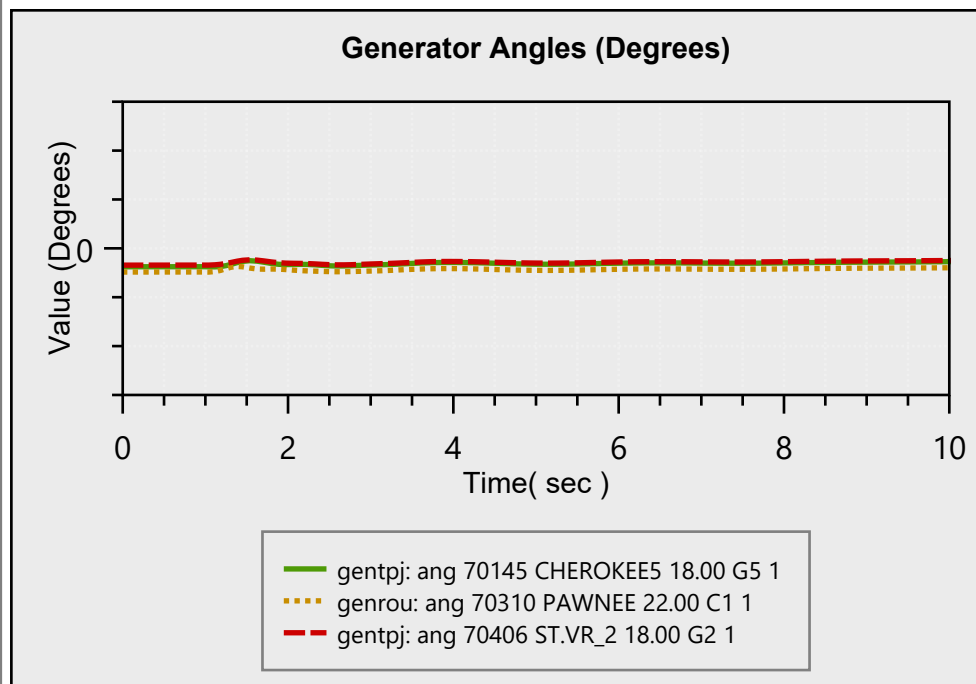
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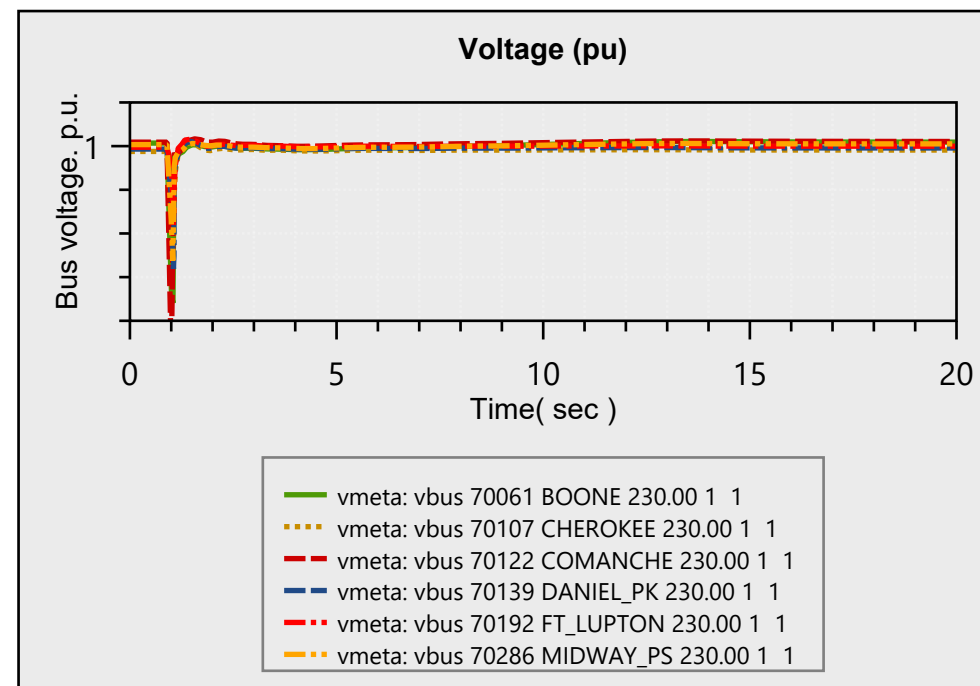
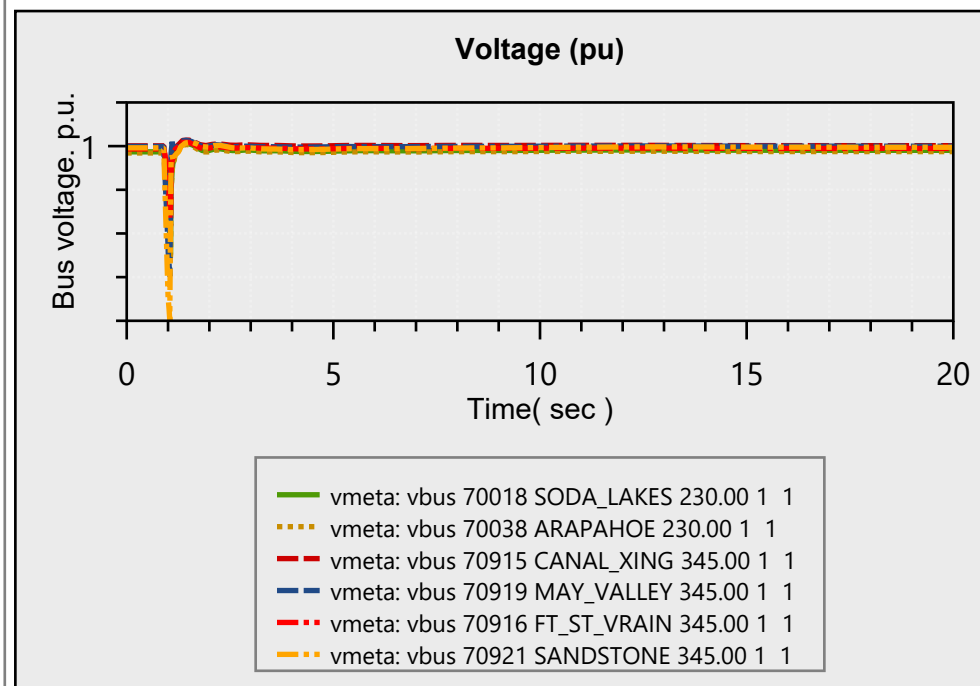
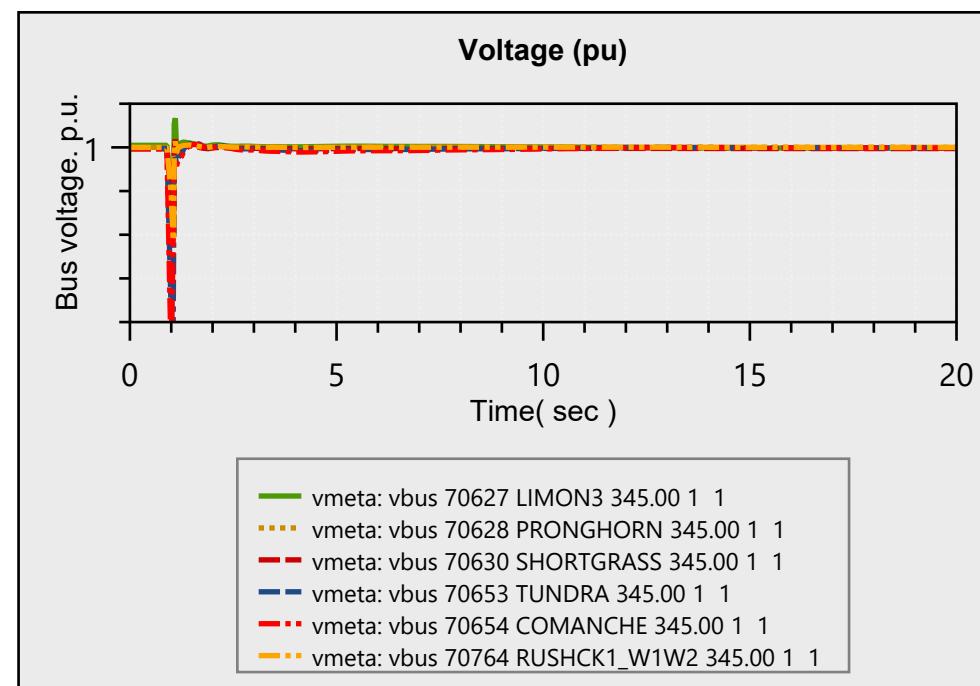
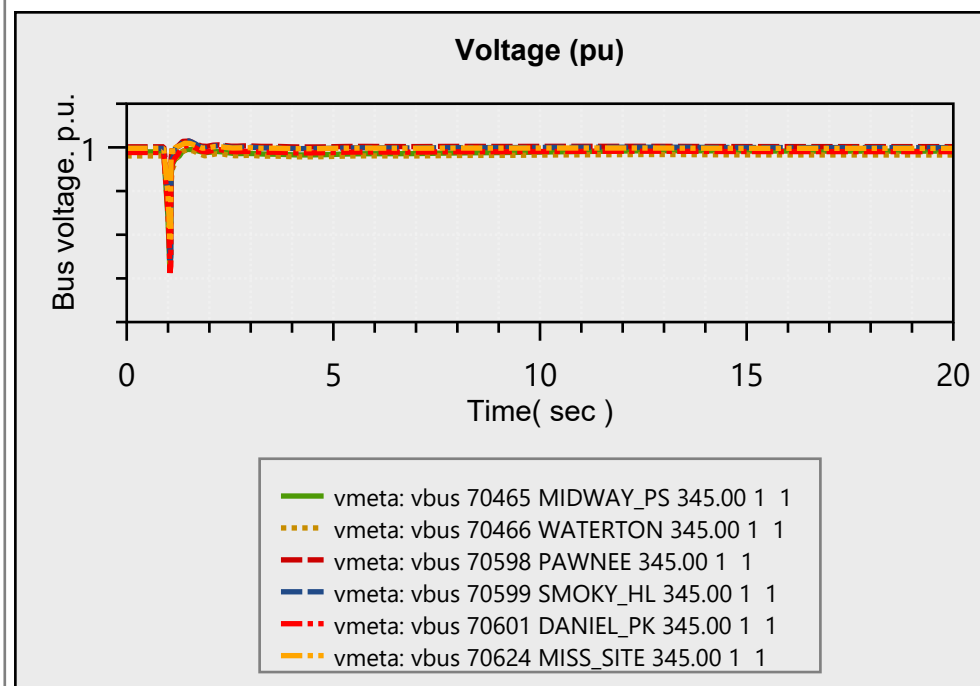
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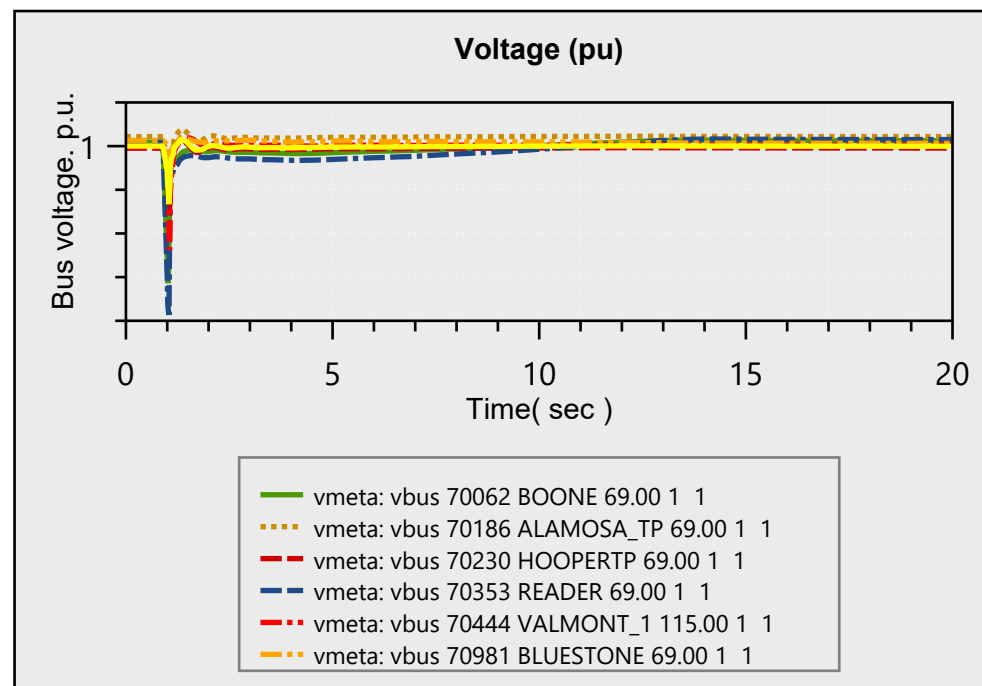
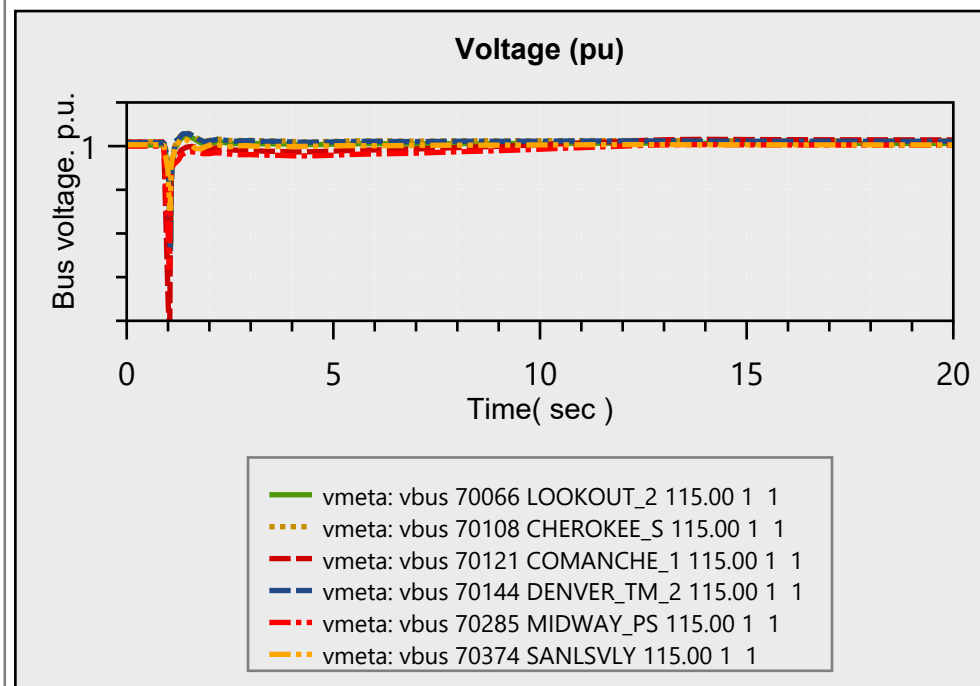
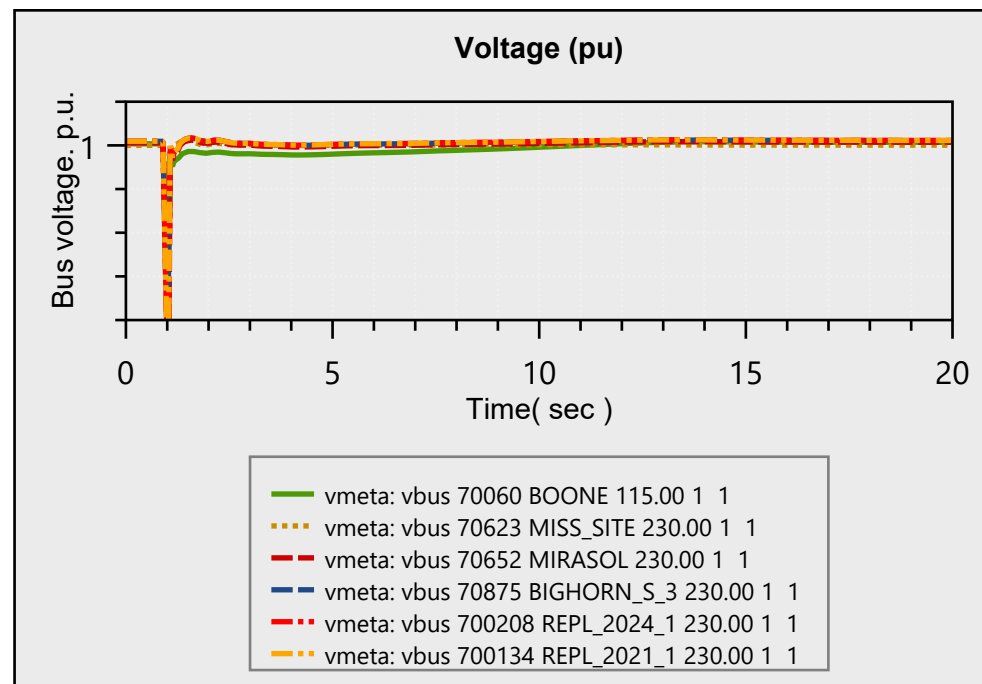
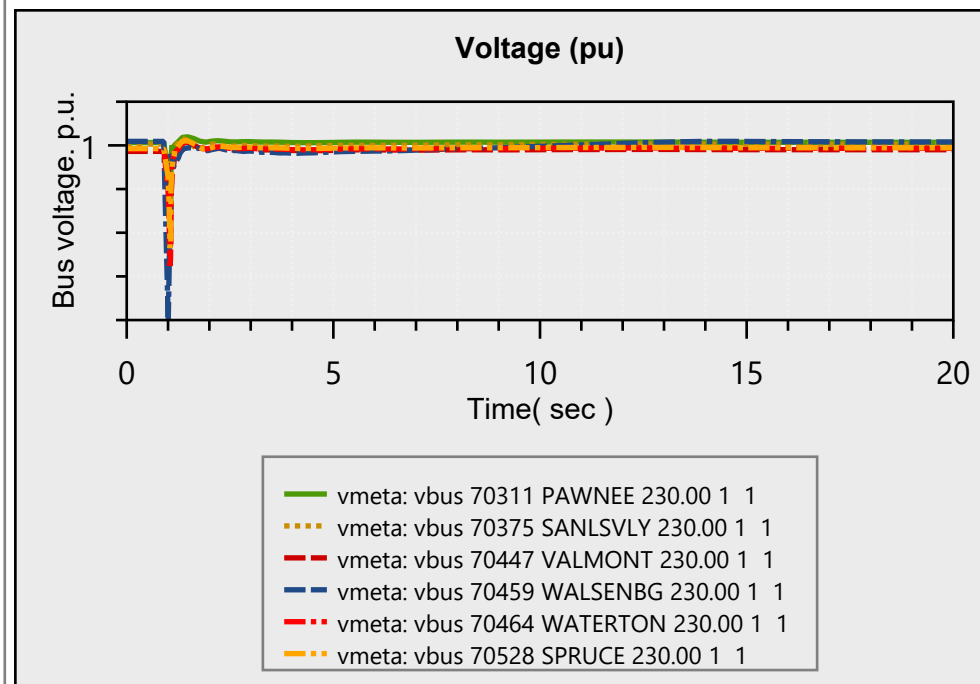
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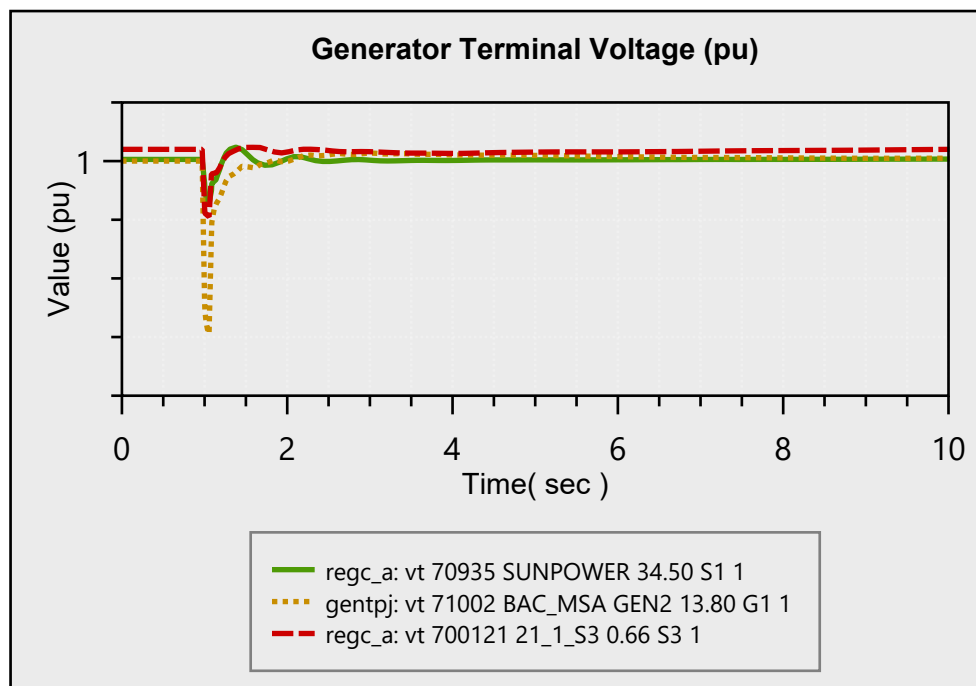
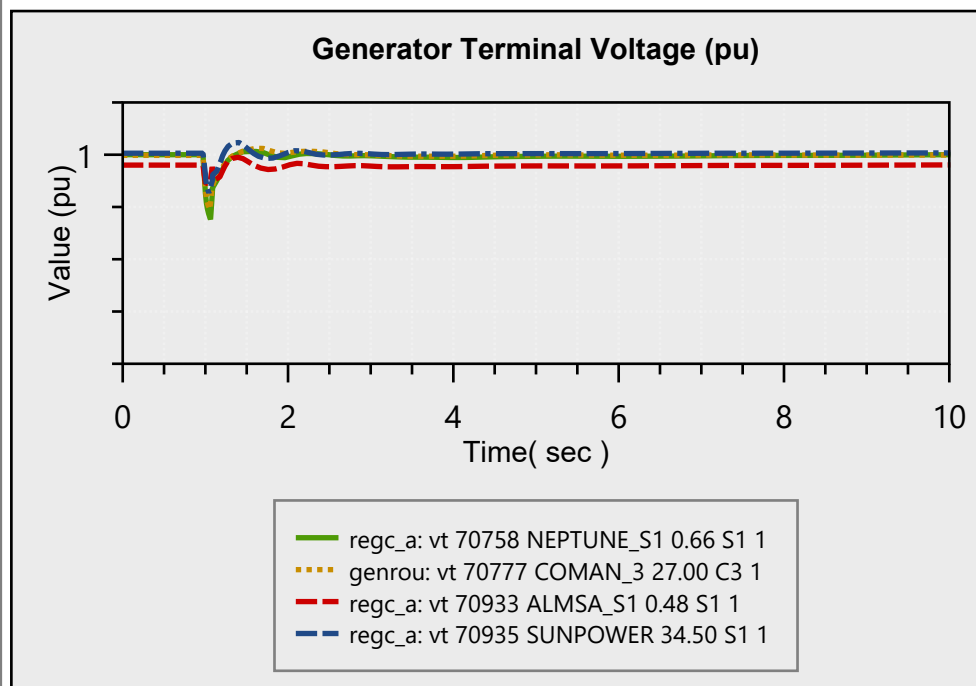
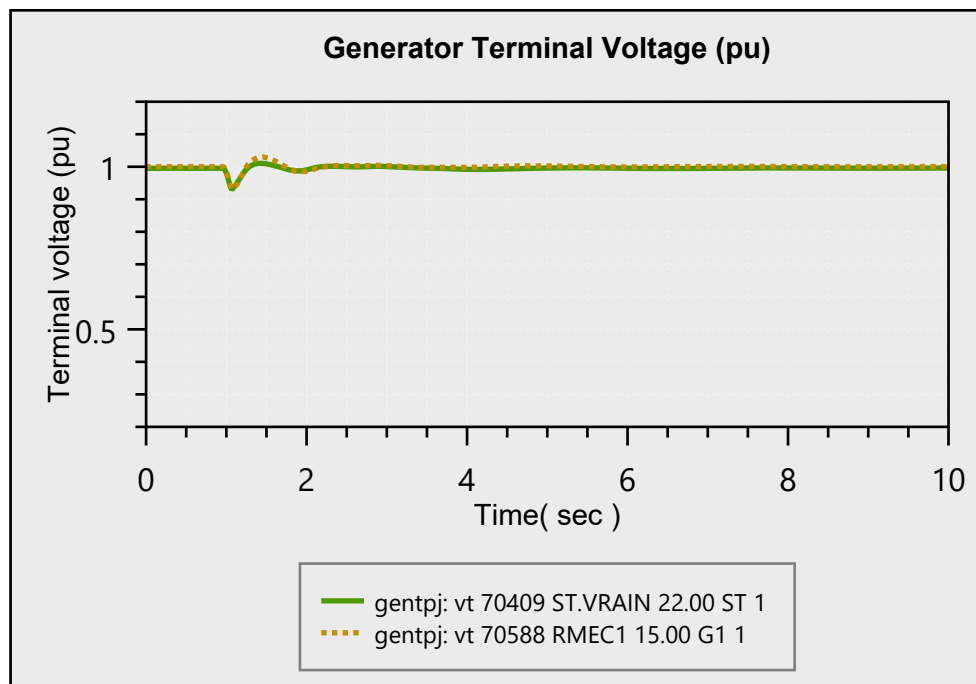
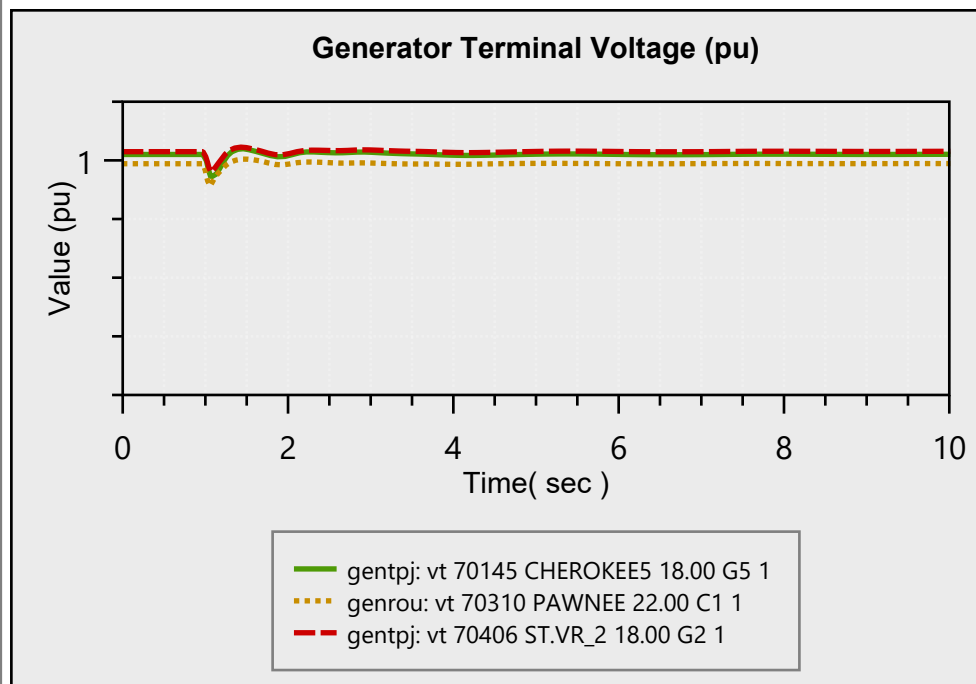
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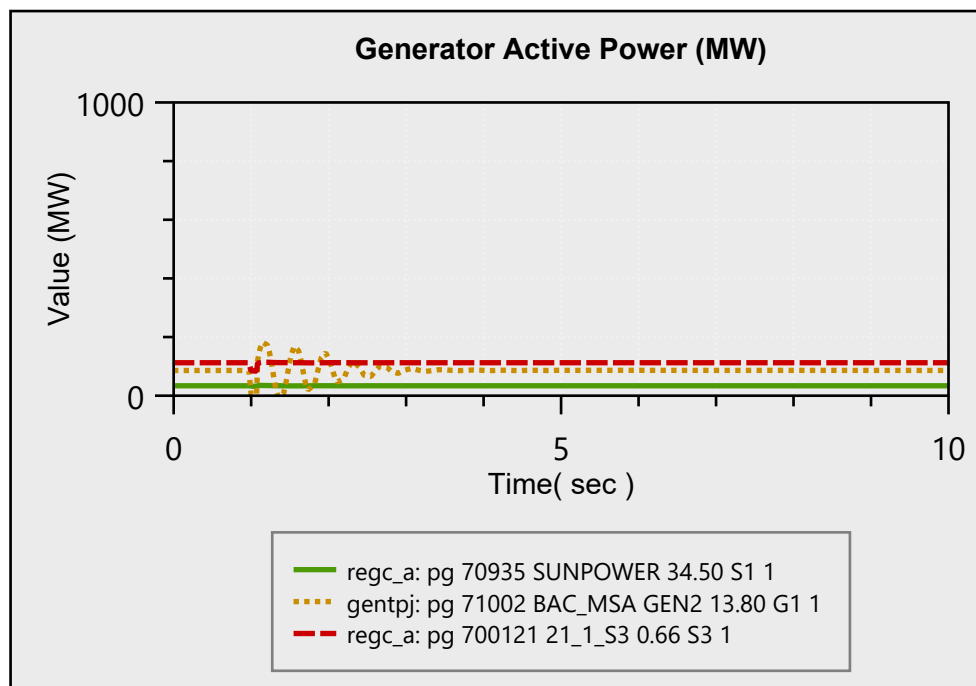
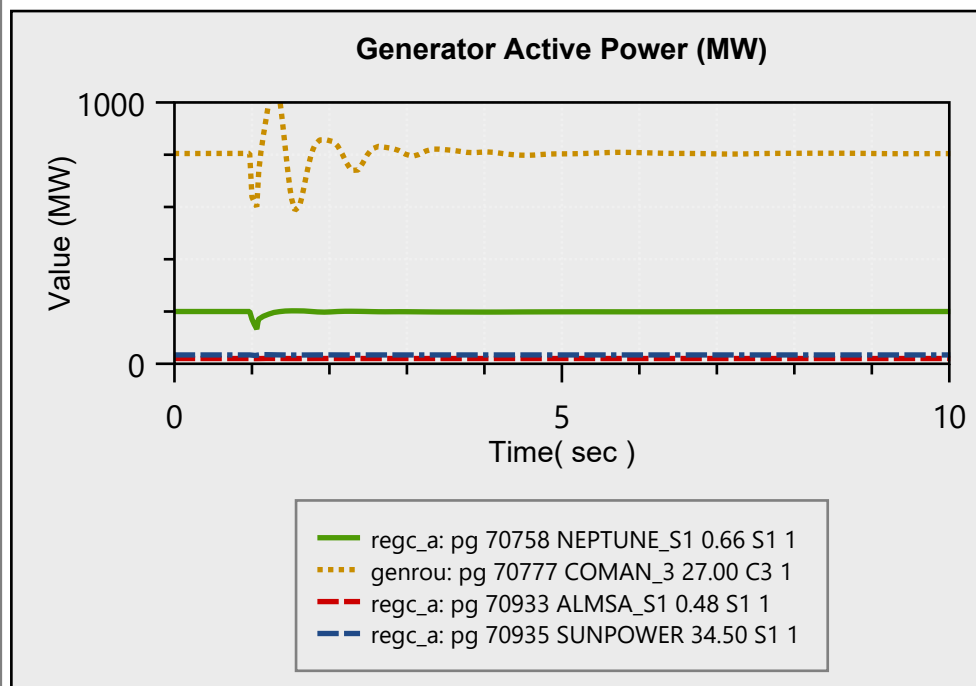
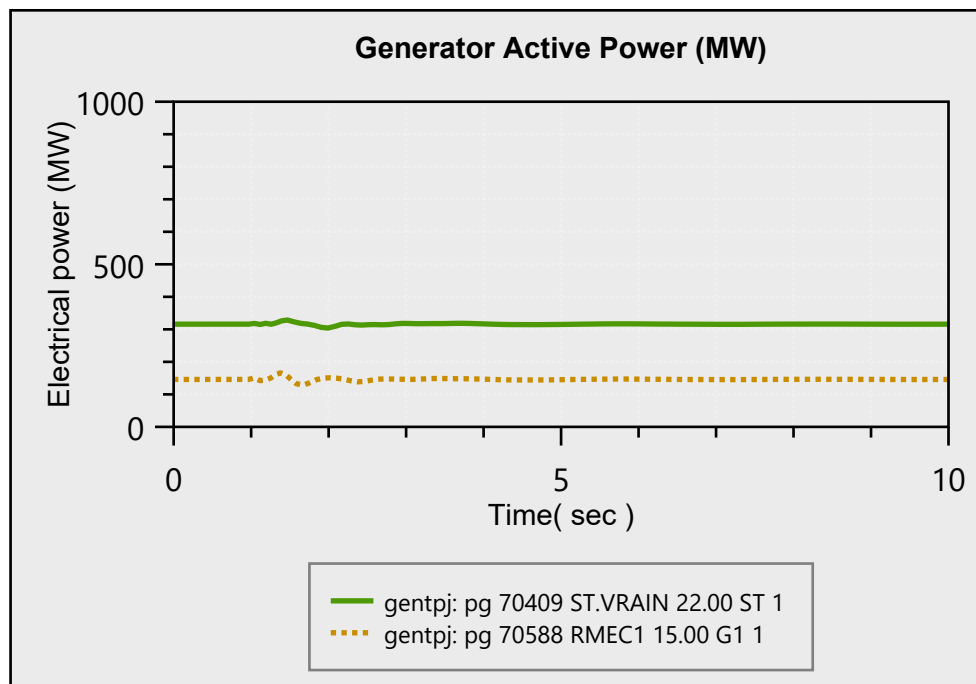
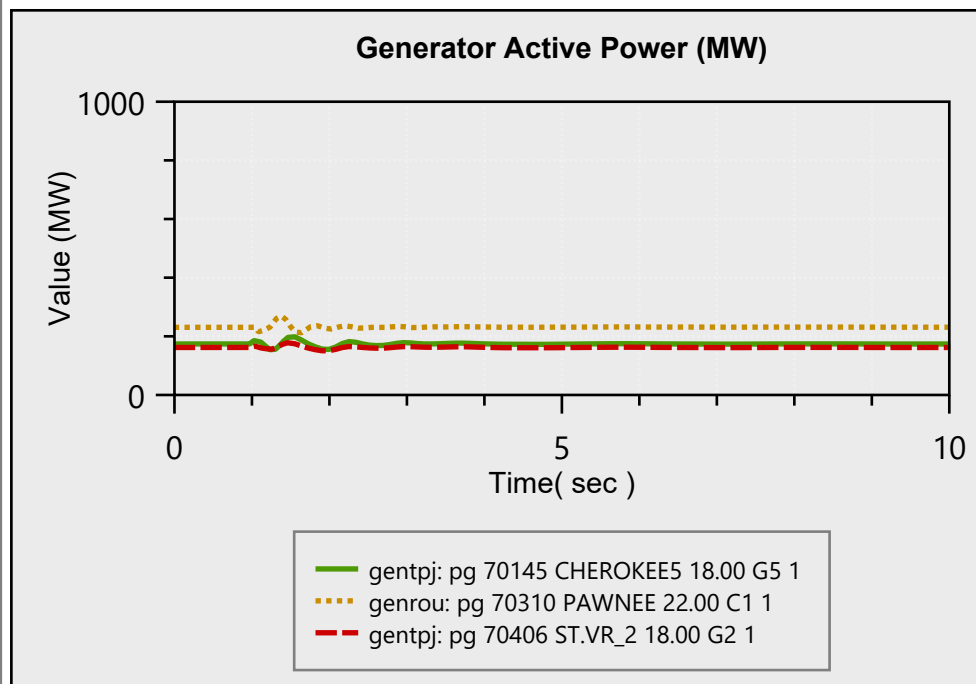
OUTPUTS



OUTPUTS

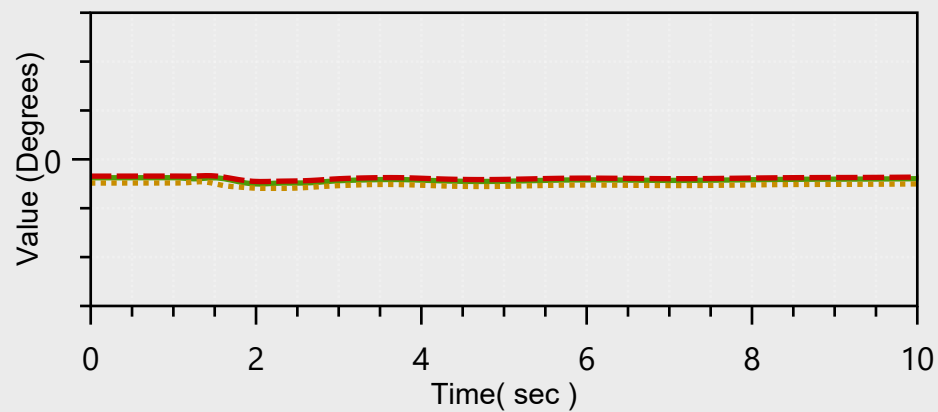


OUTPUTS

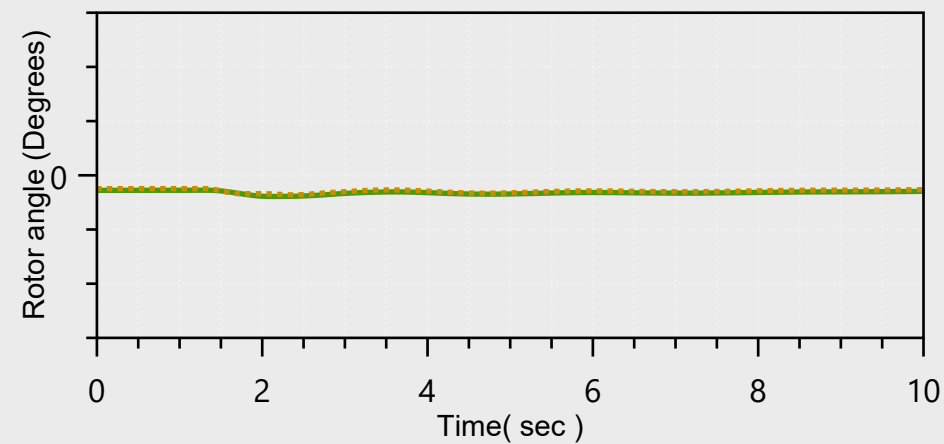


OUTPUTS

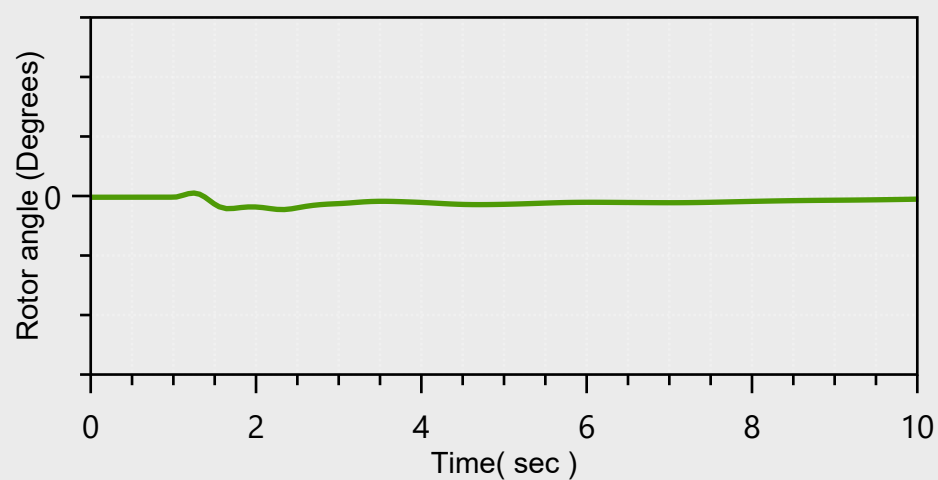
Generator Angles (Degrees)



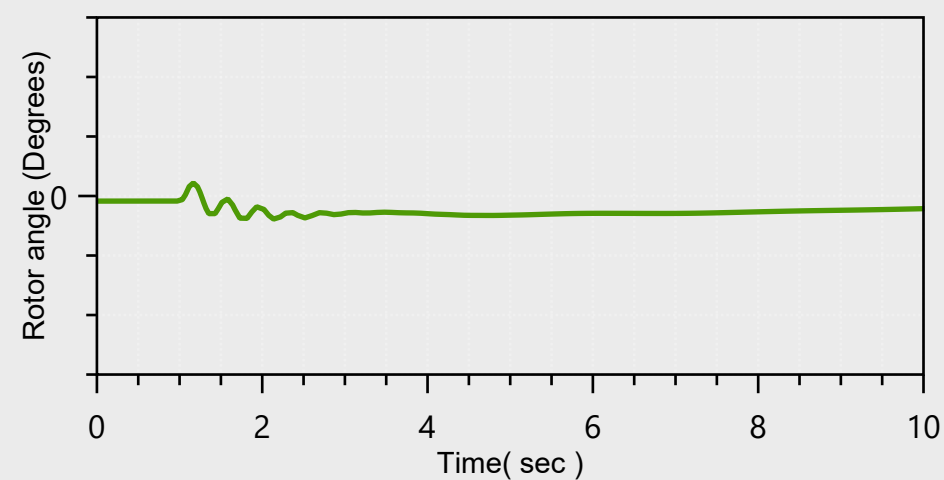
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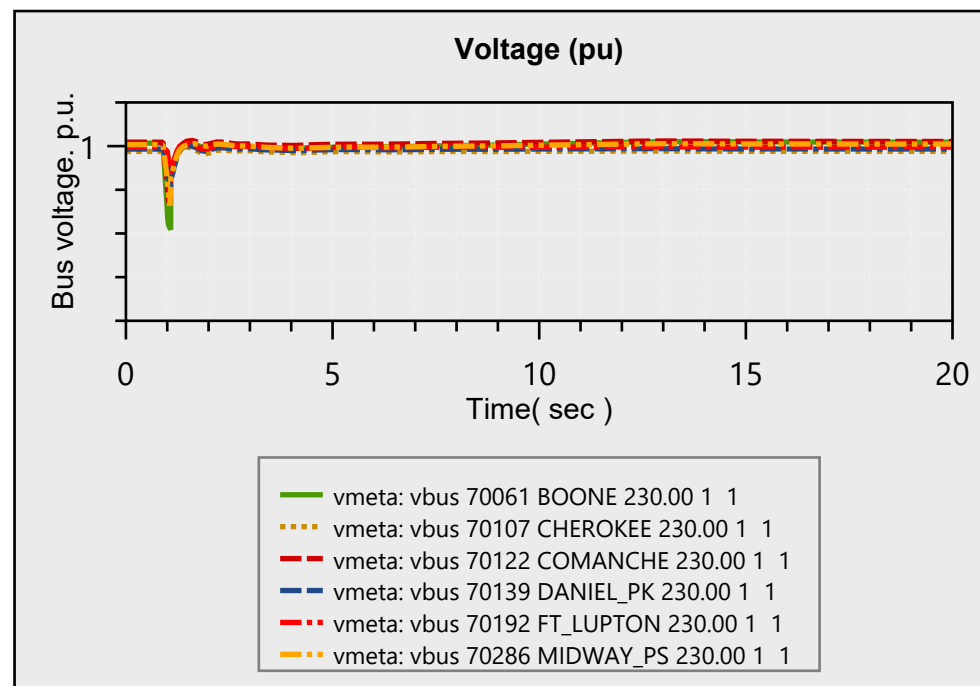
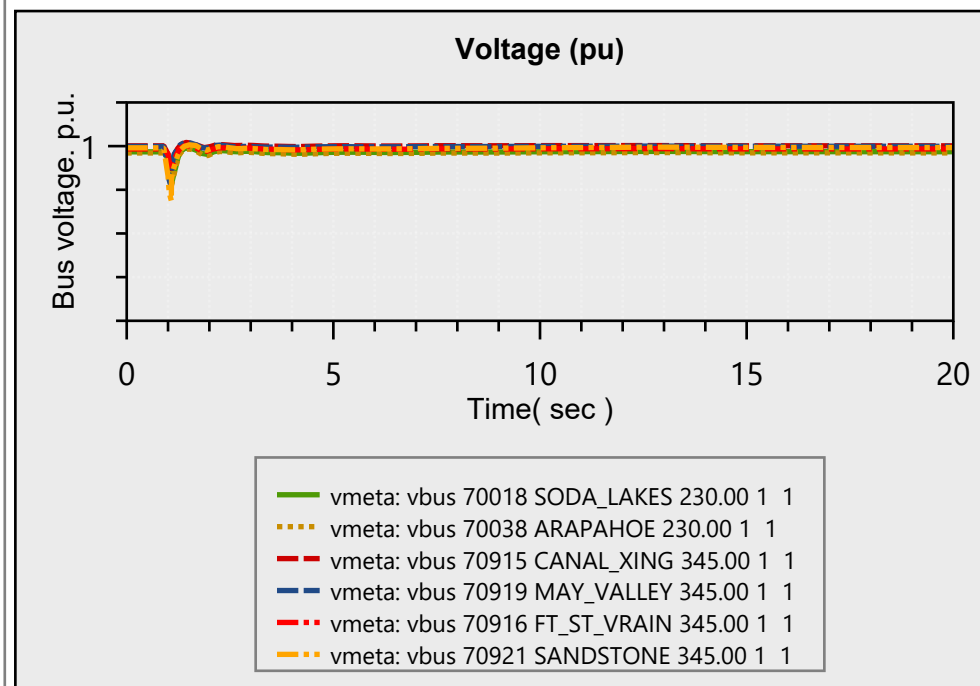
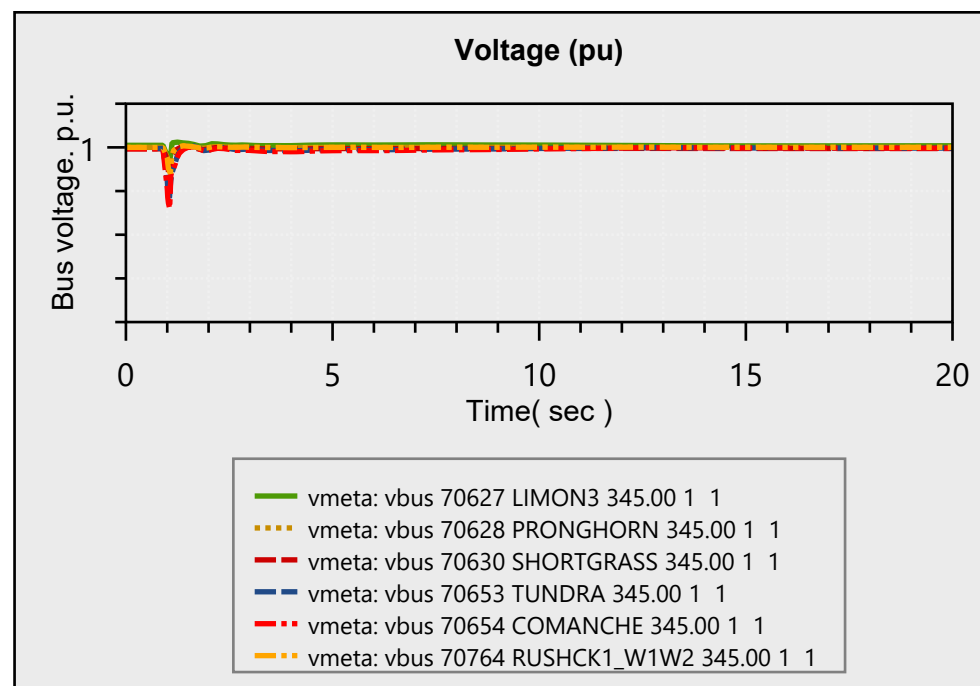
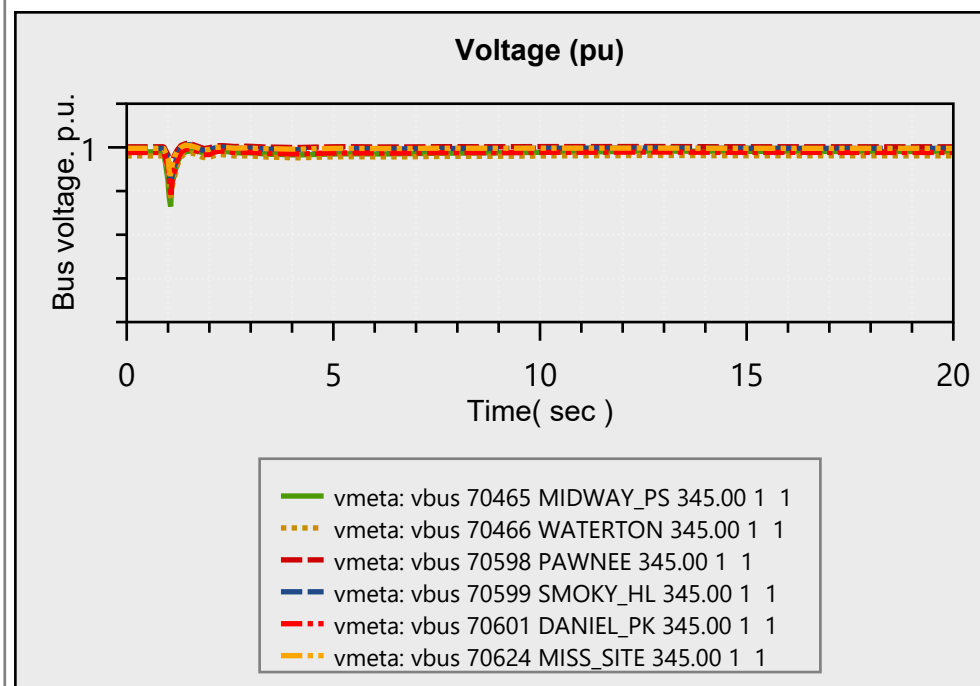
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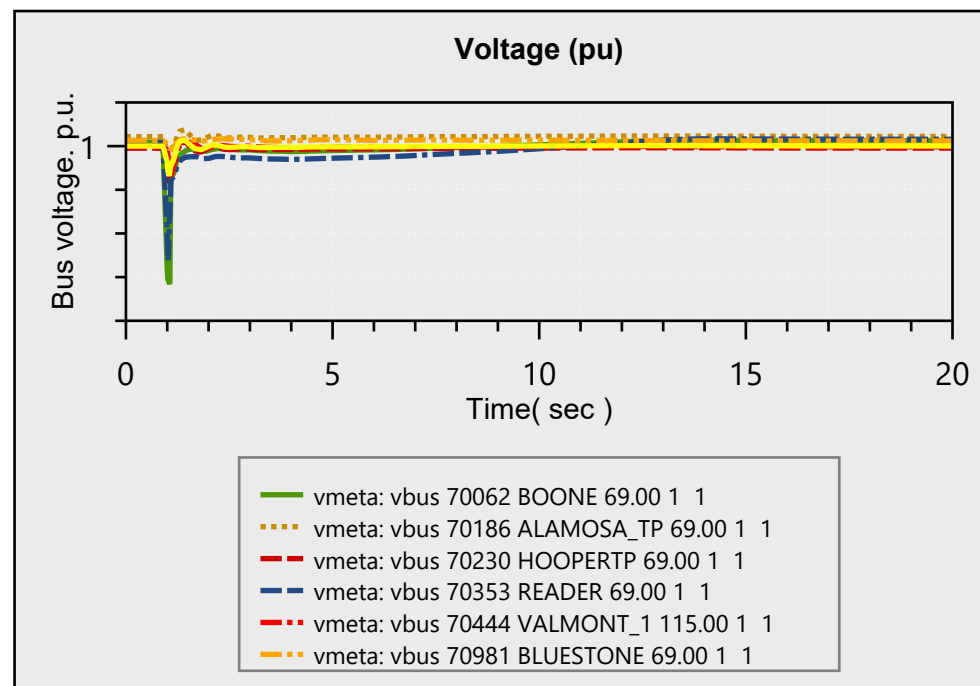
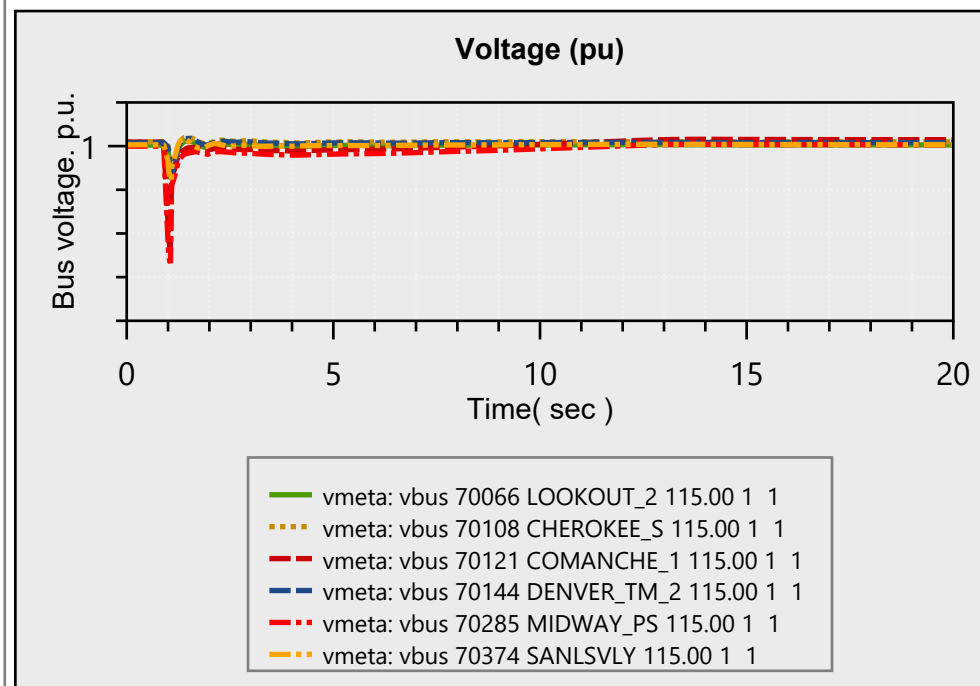
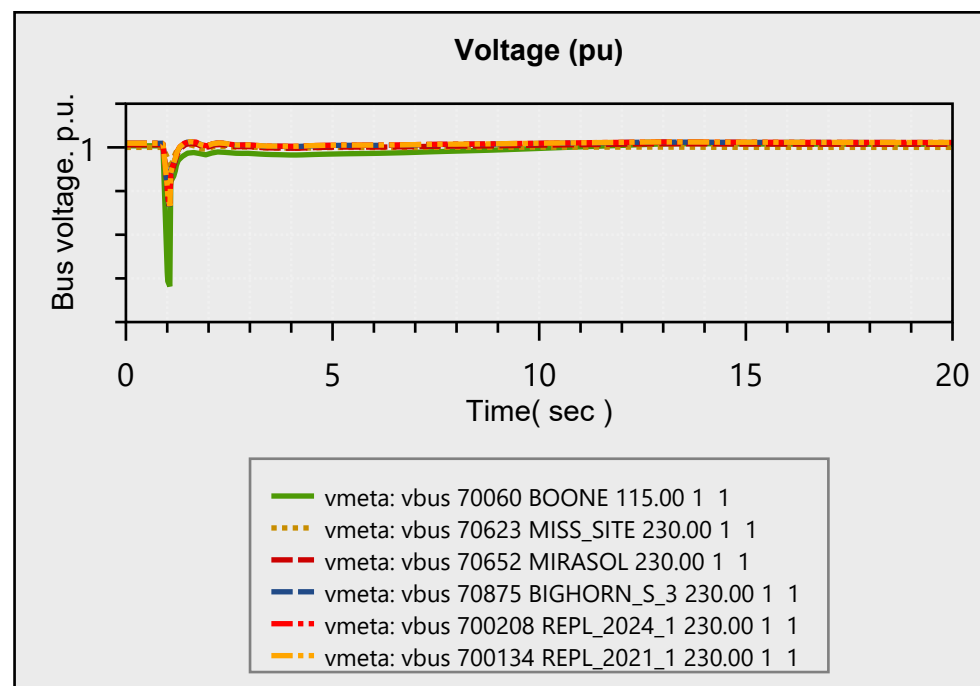
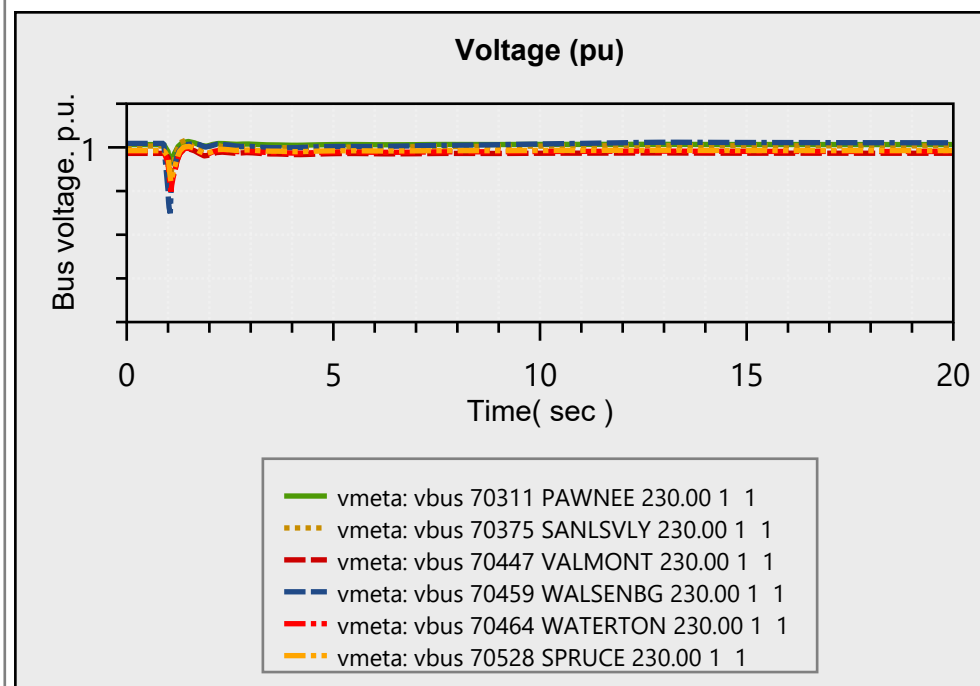
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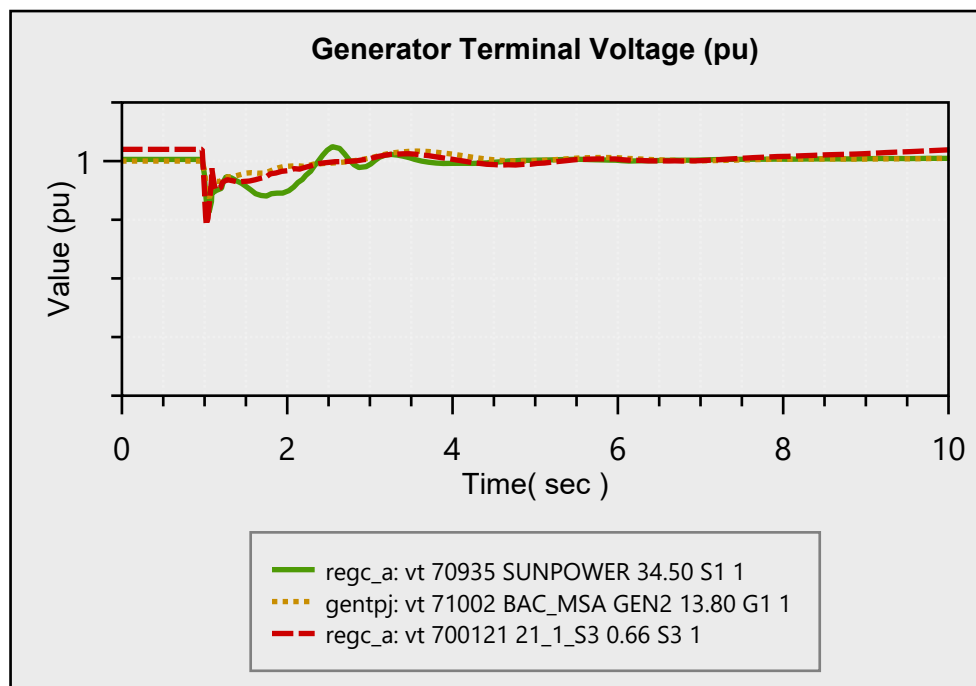
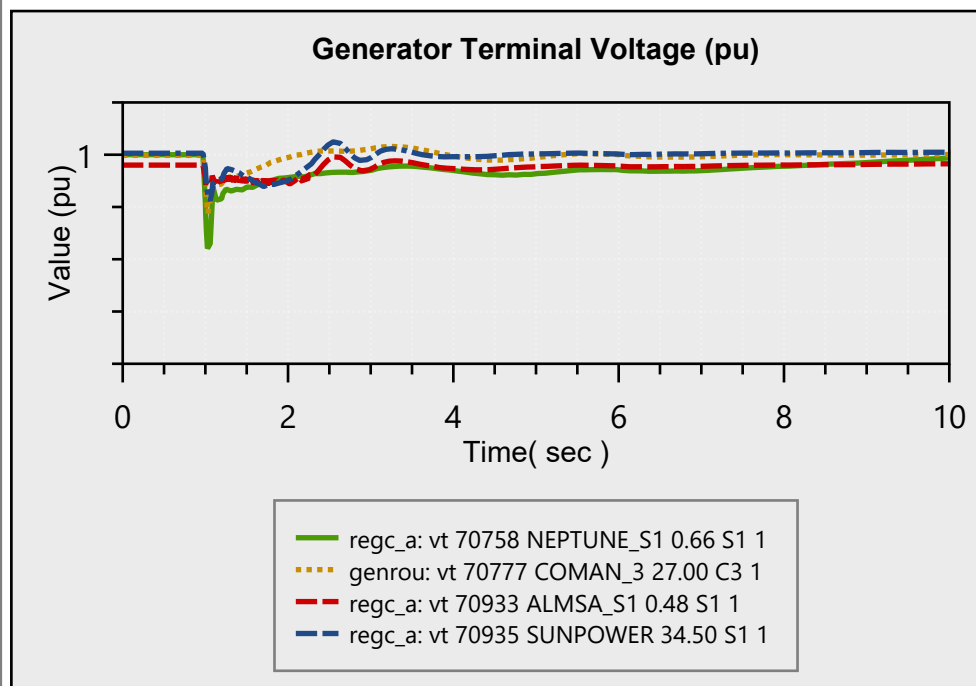
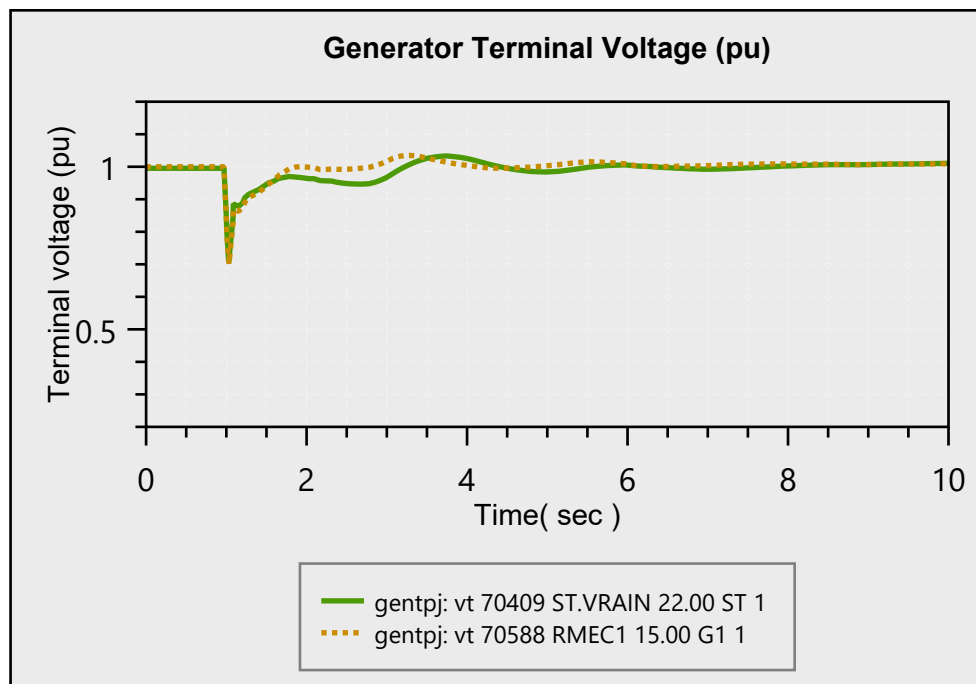
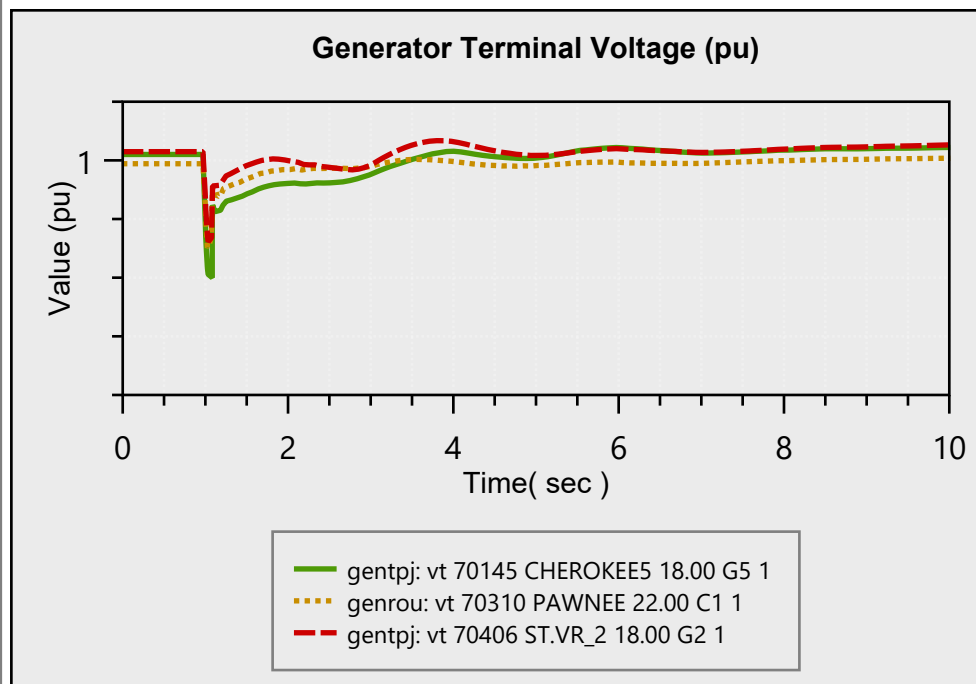
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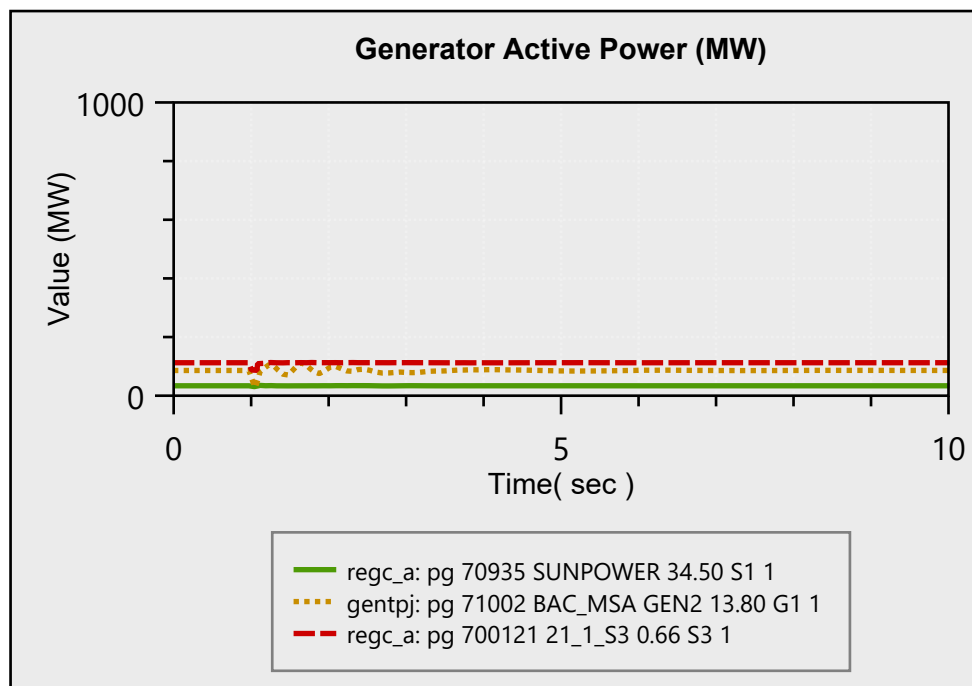
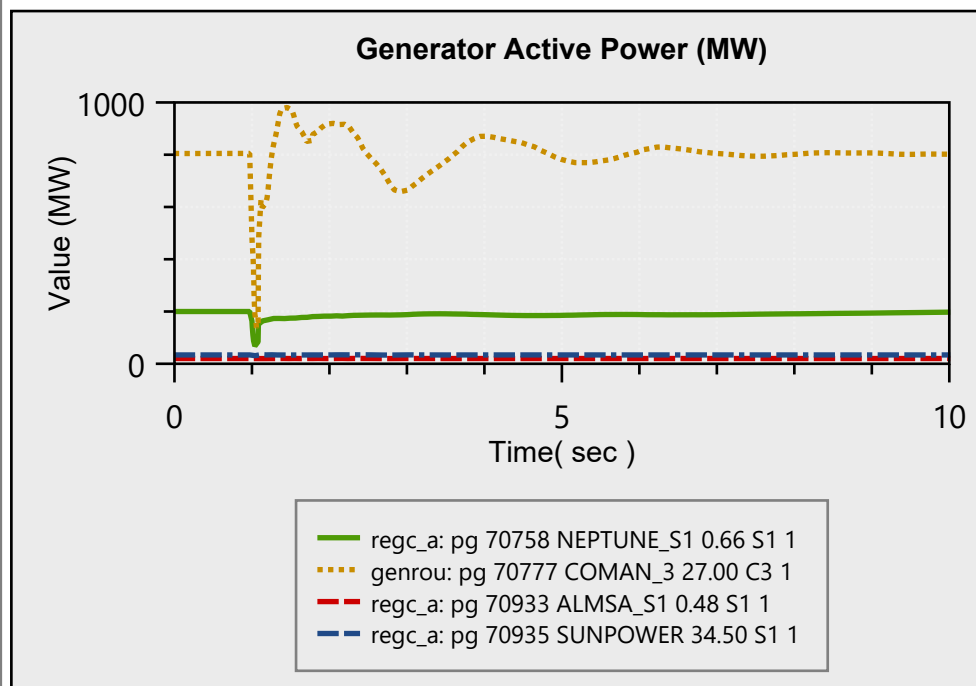
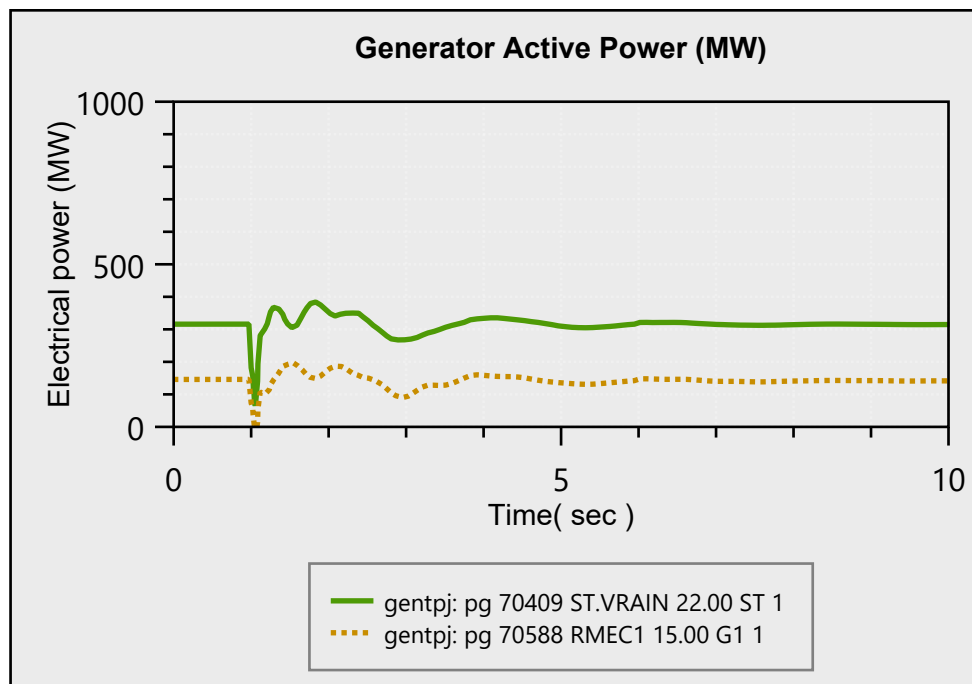
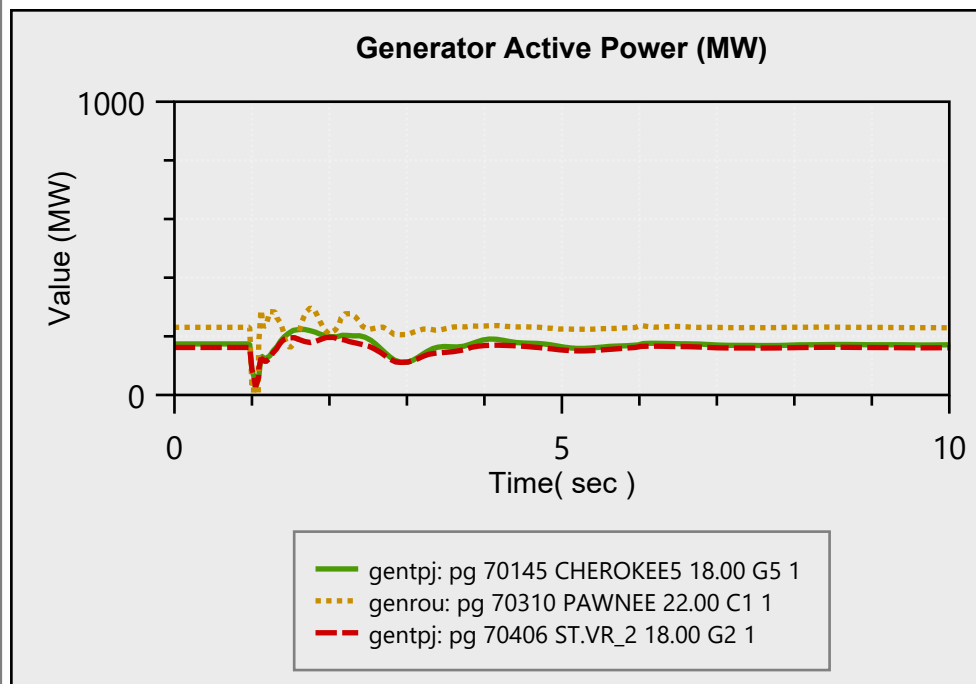
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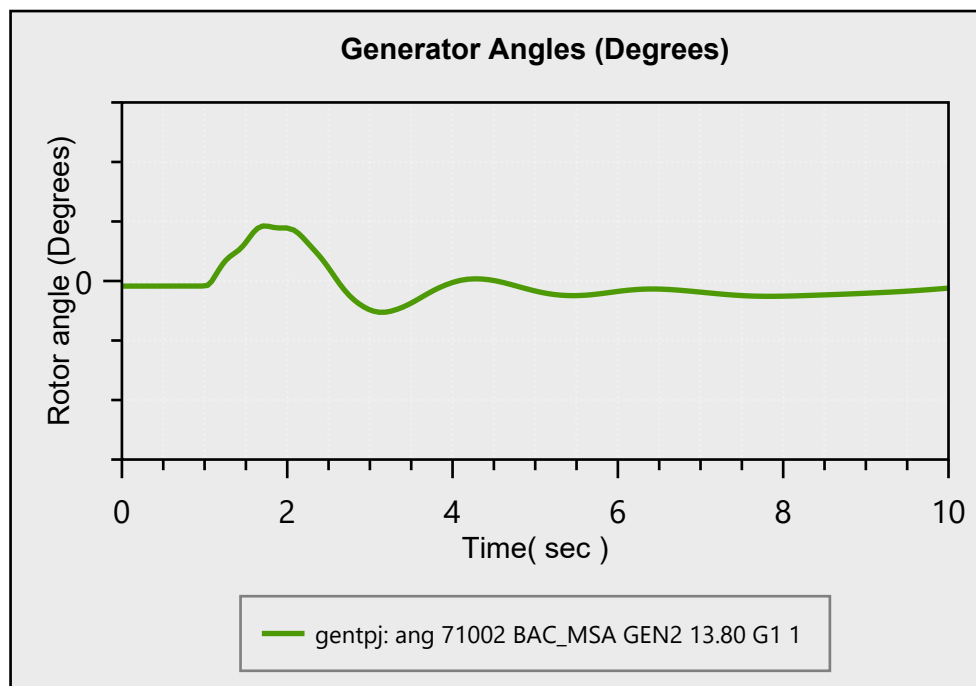
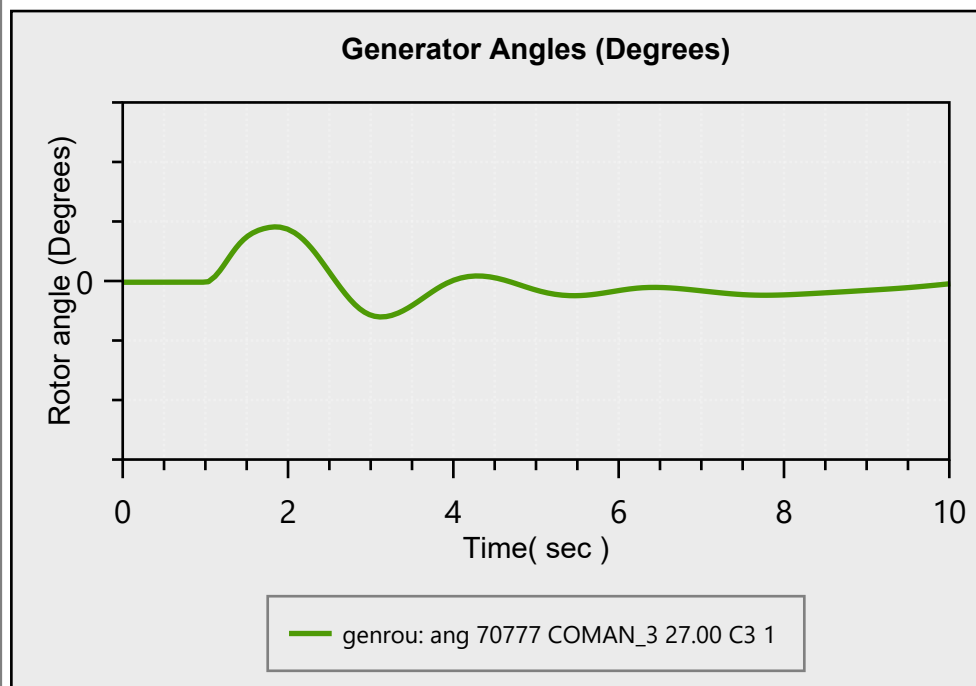
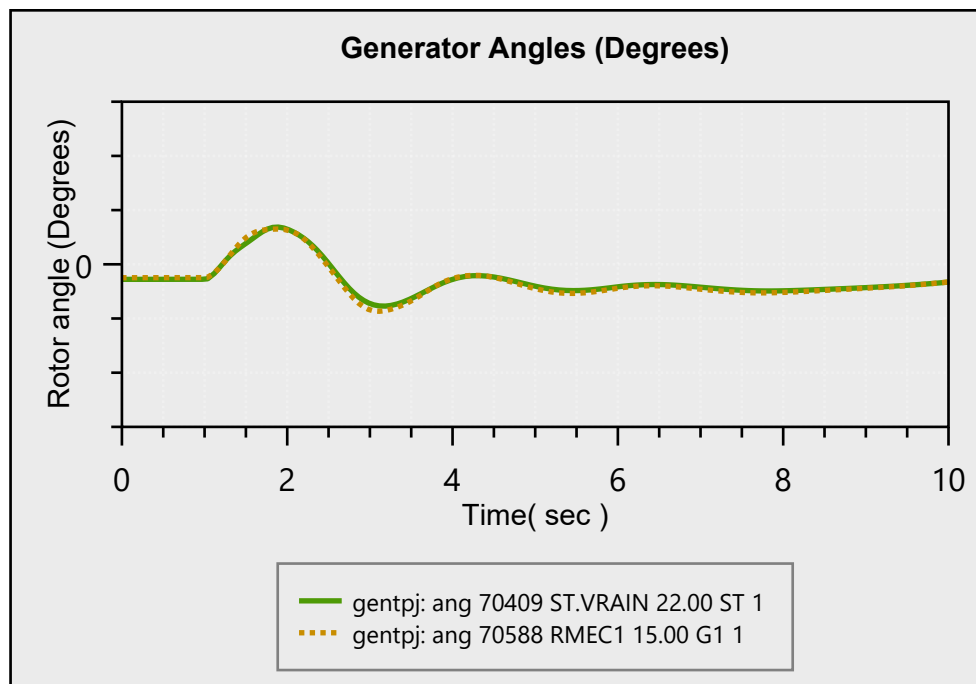
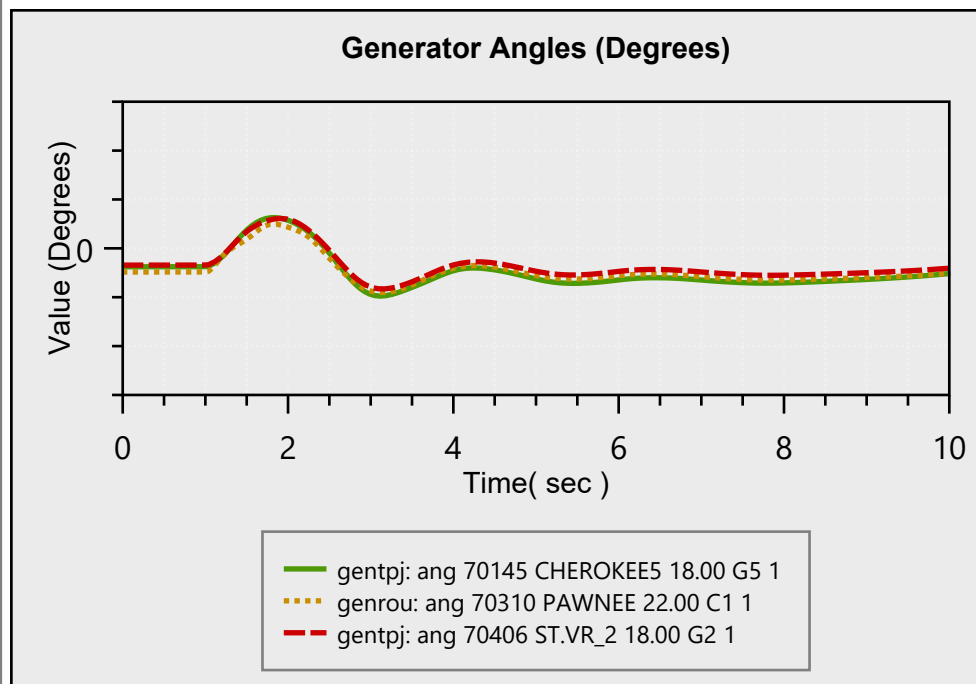
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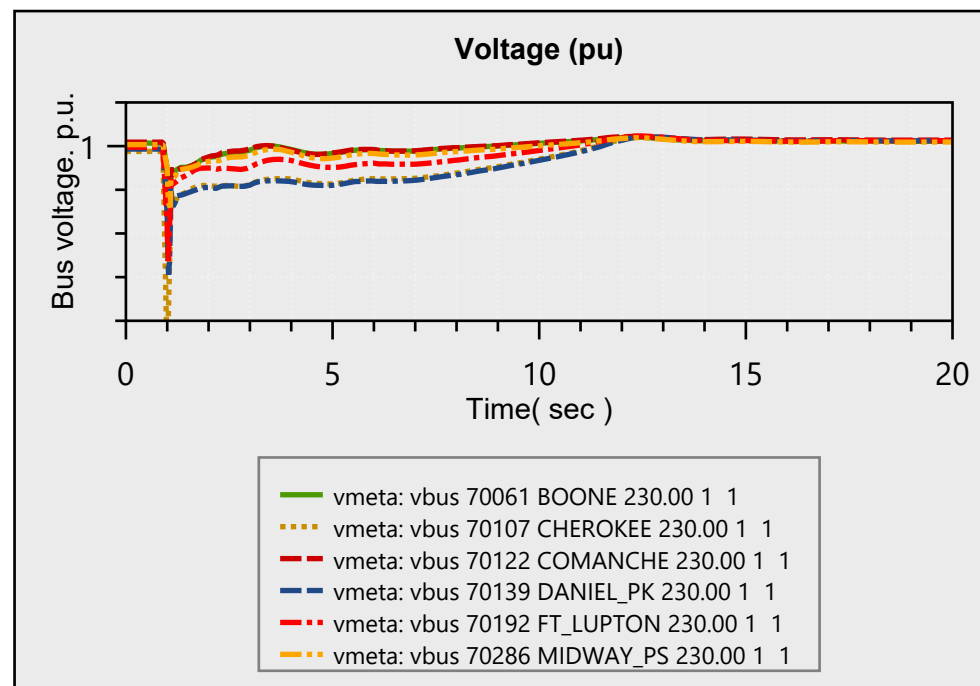
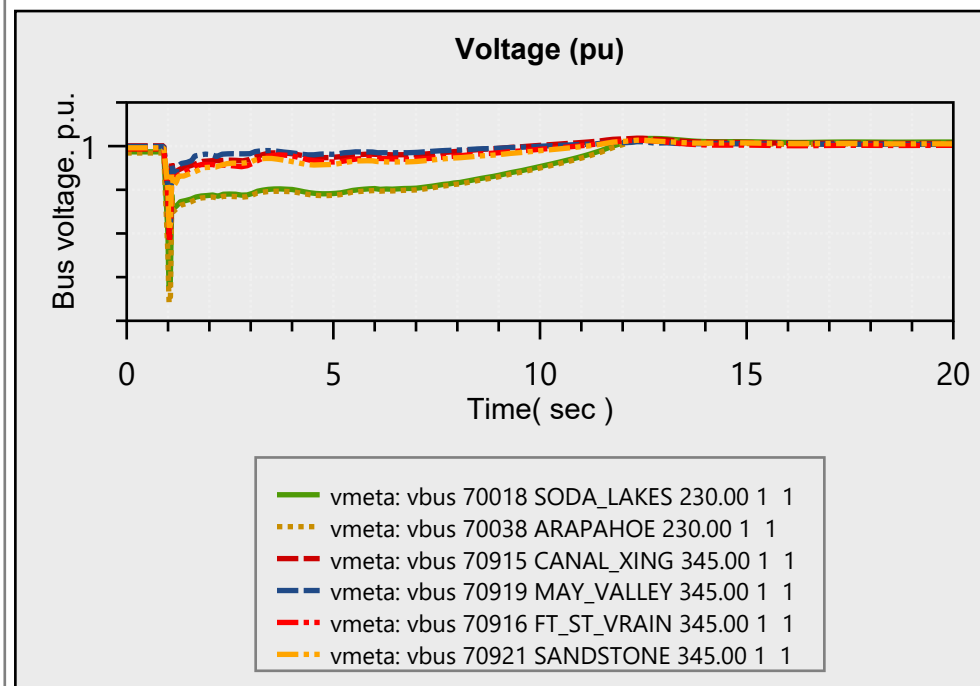
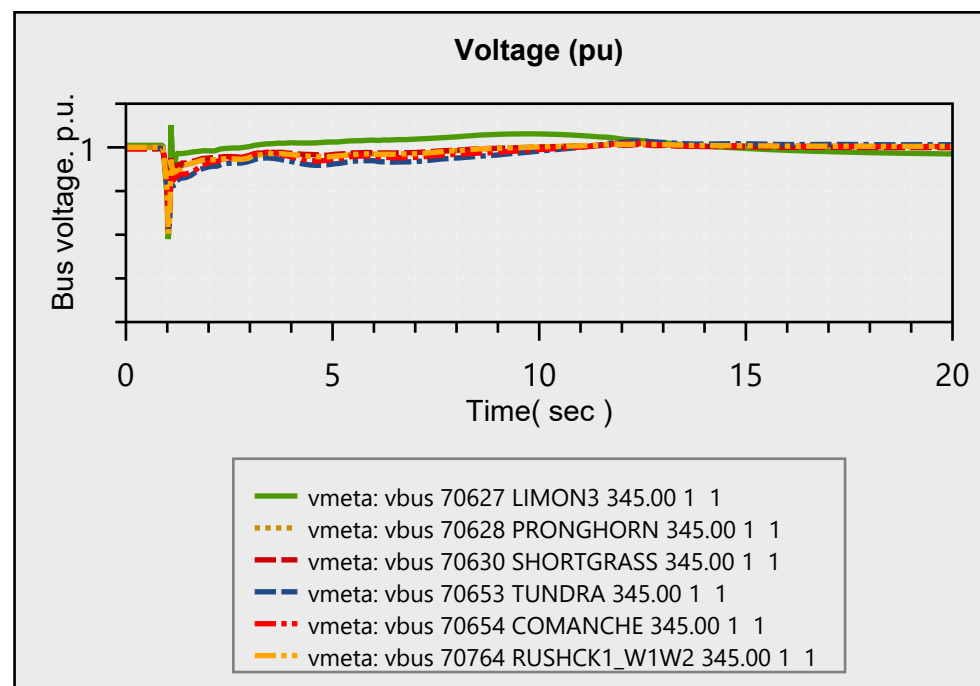
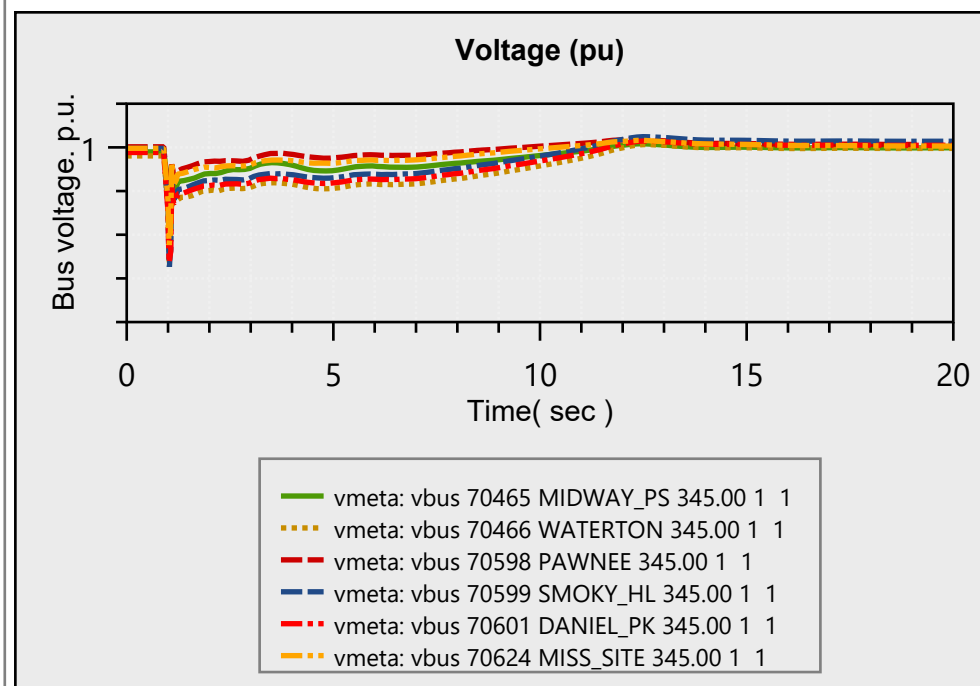
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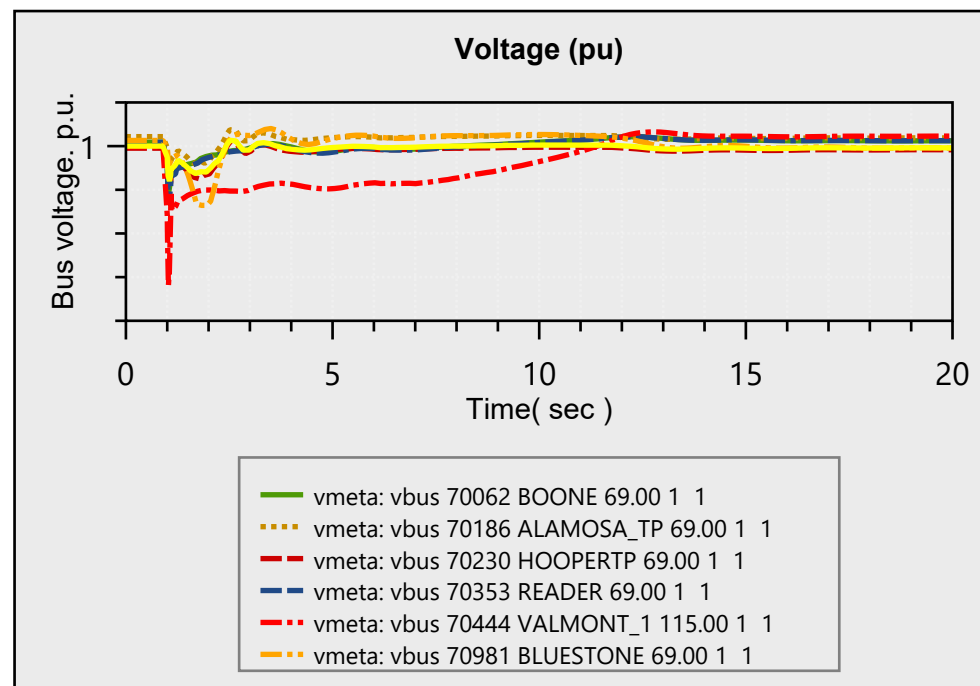
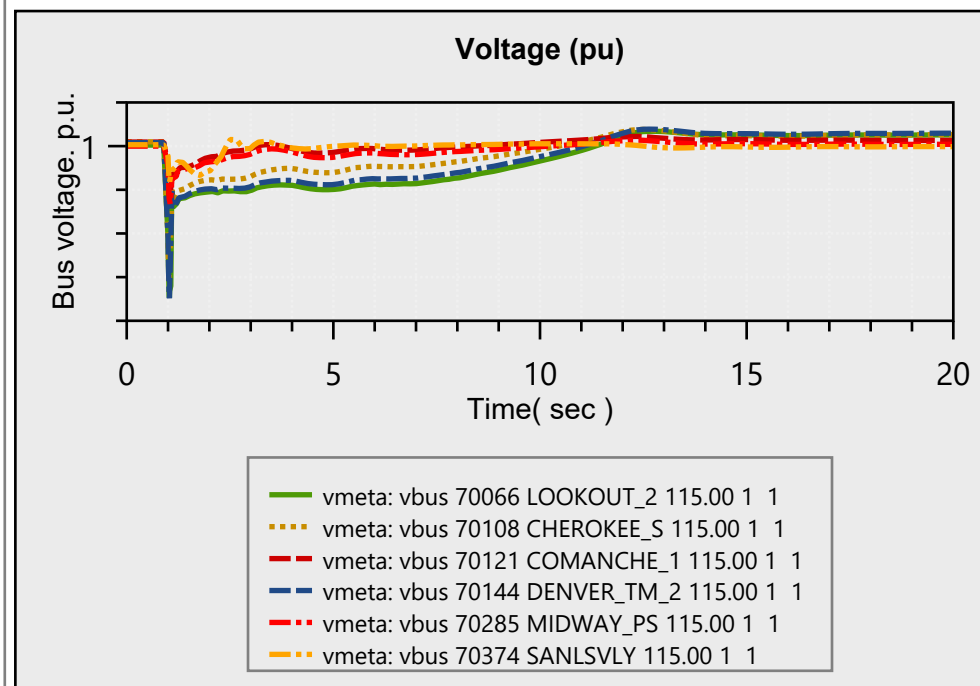
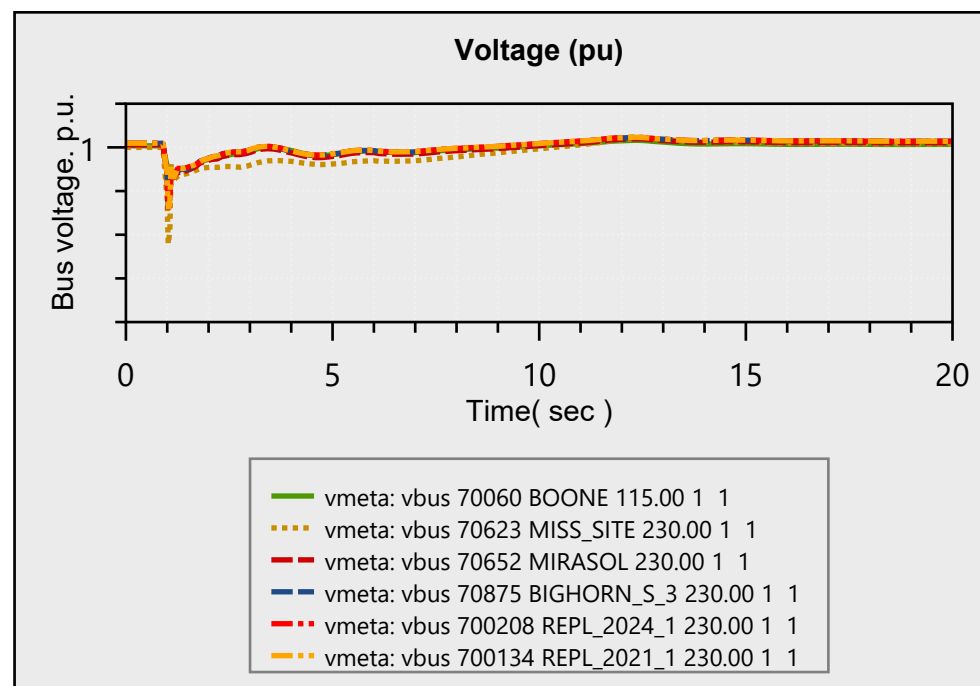
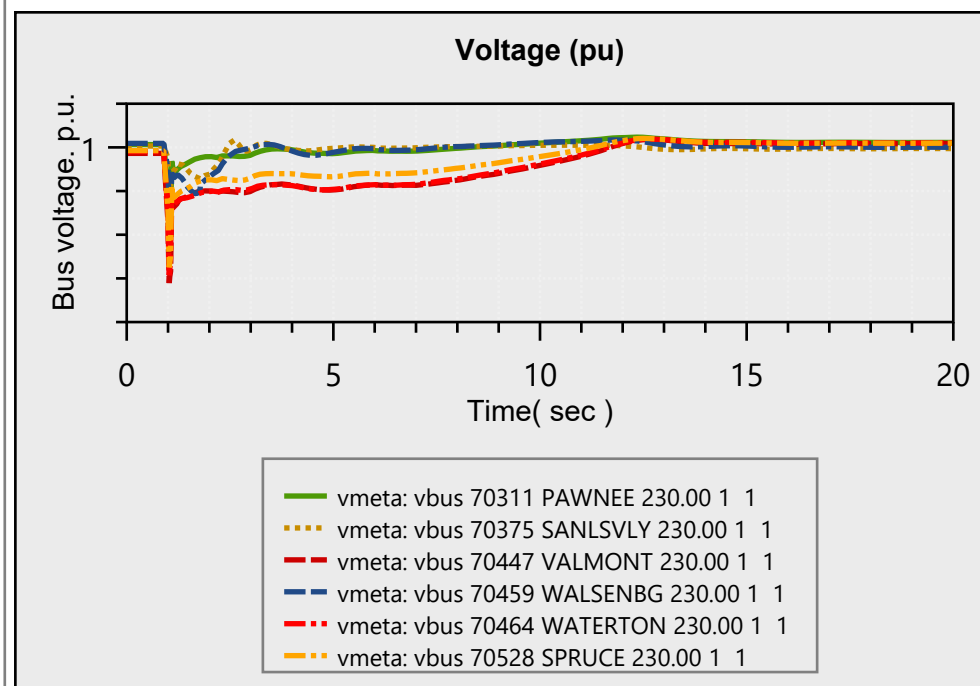
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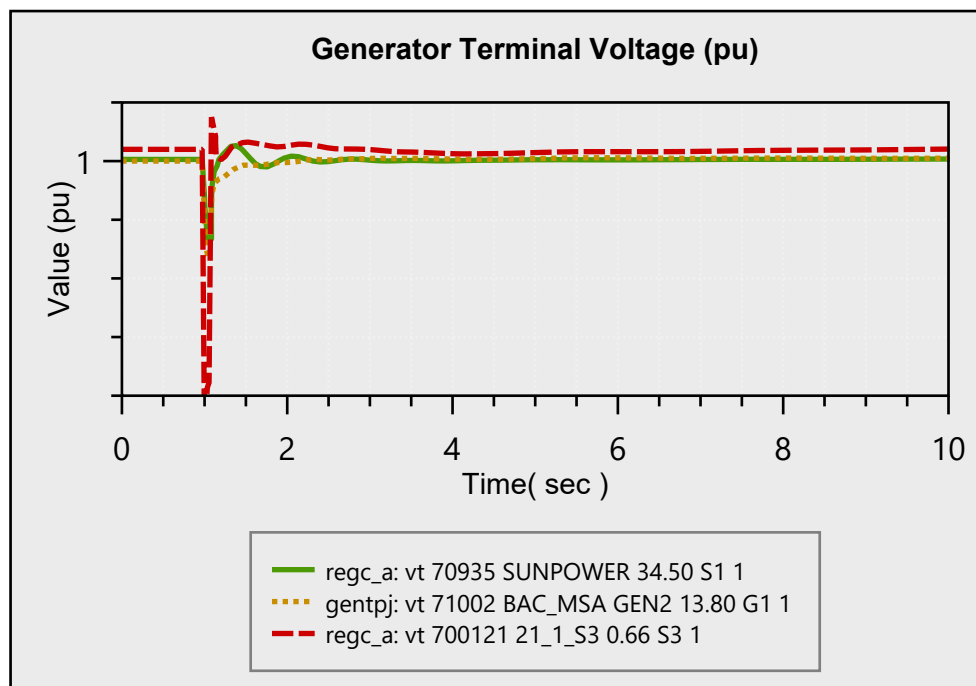
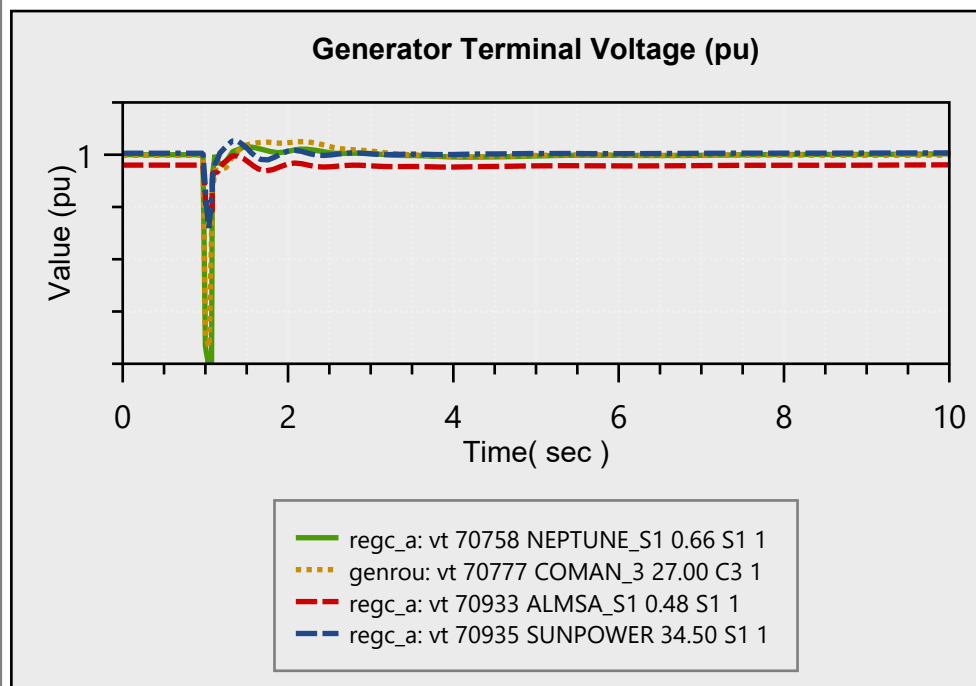
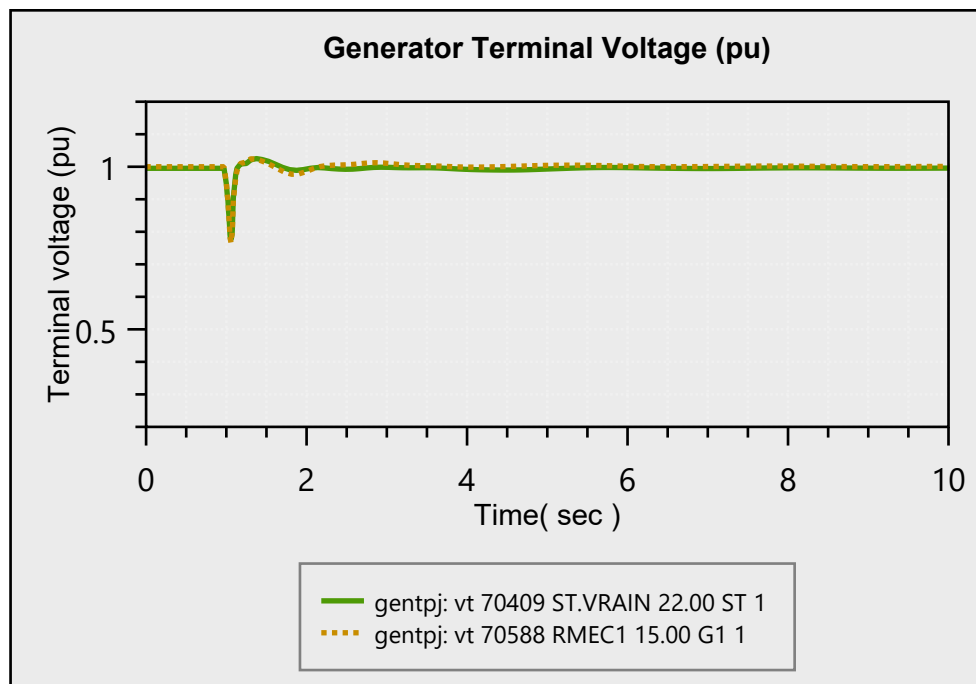
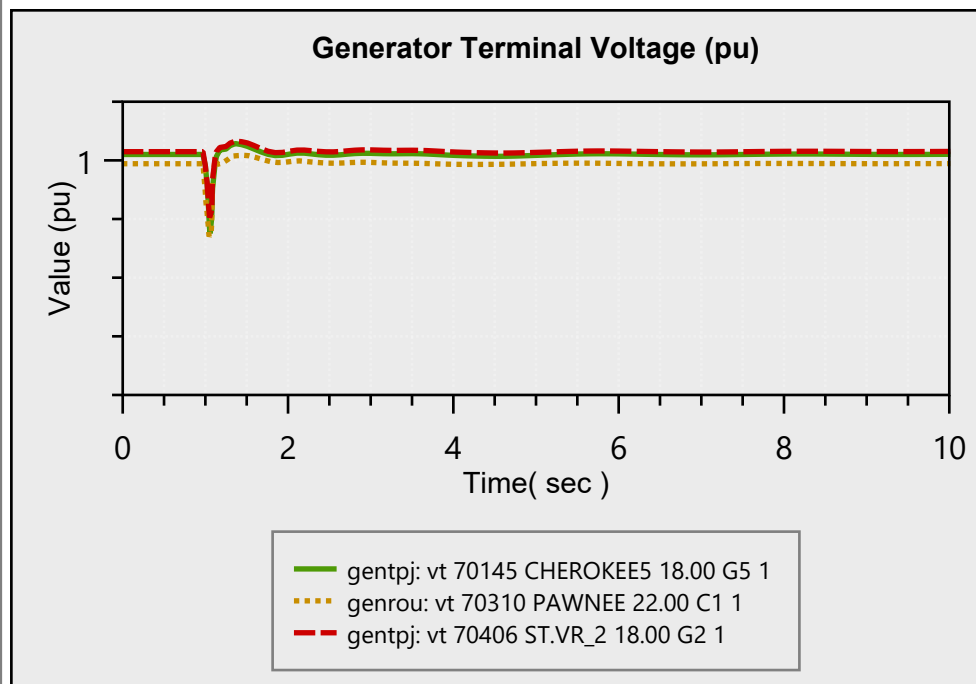
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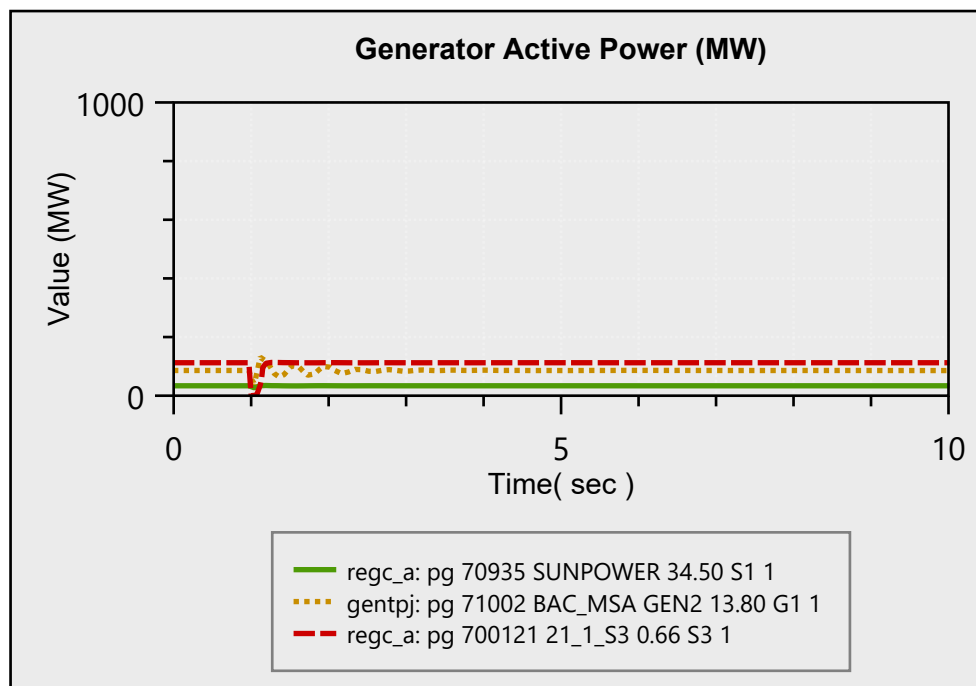
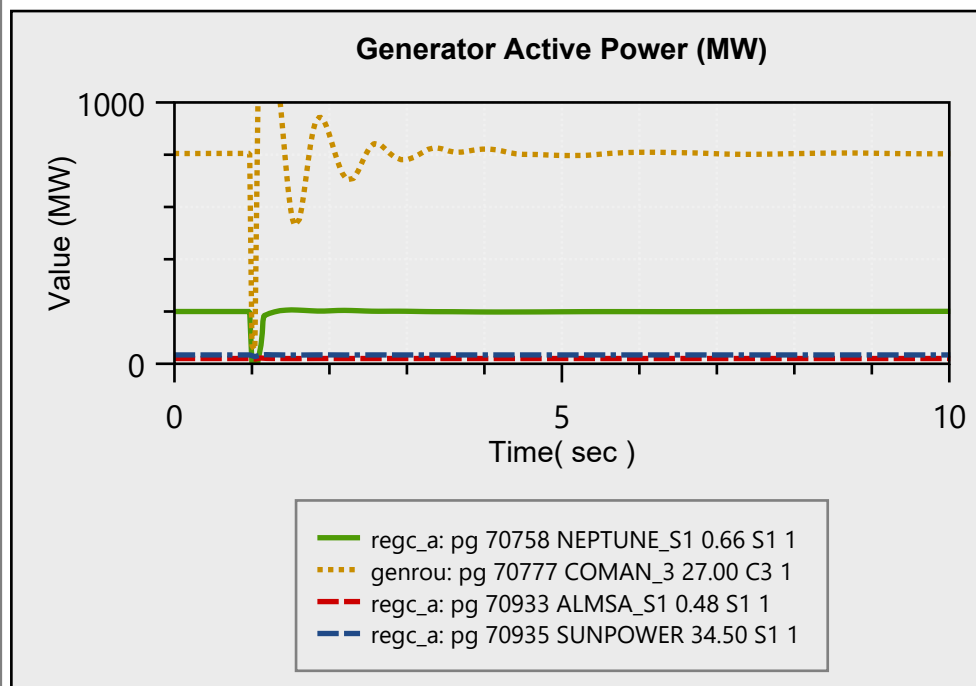
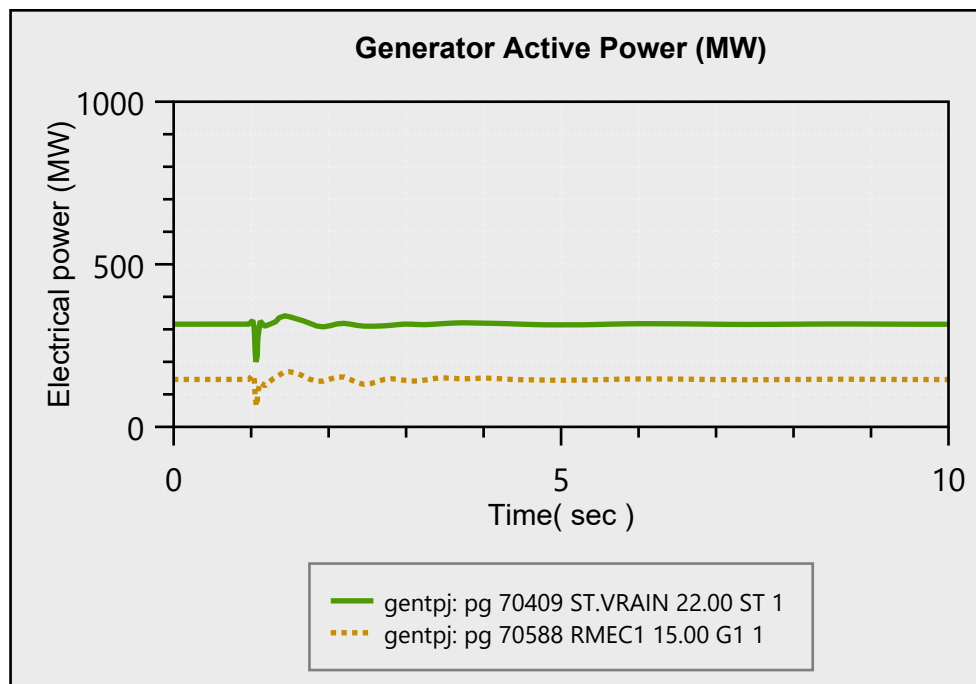
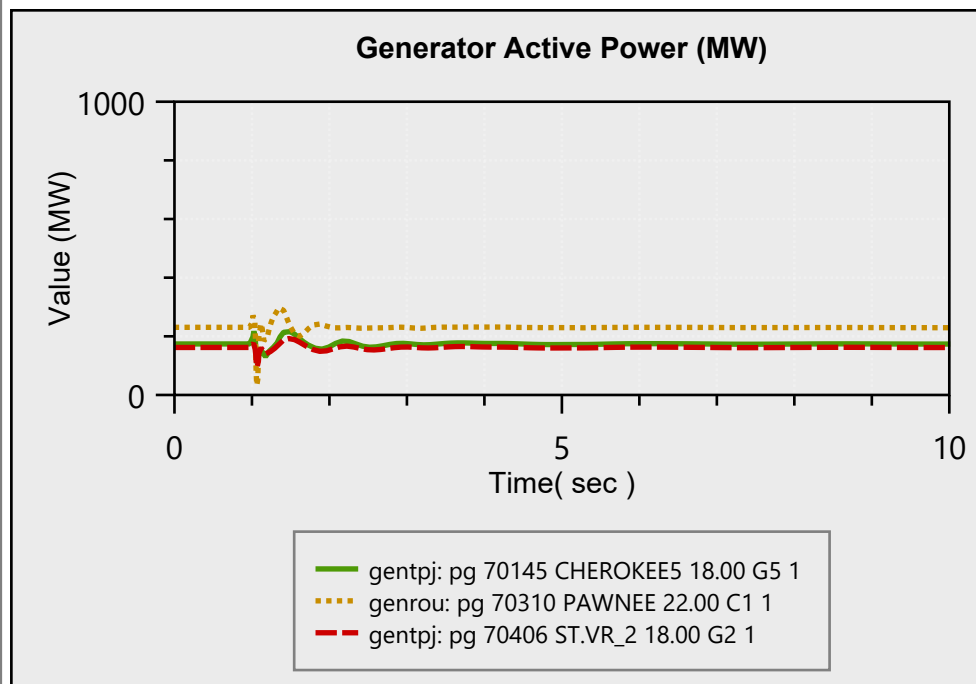
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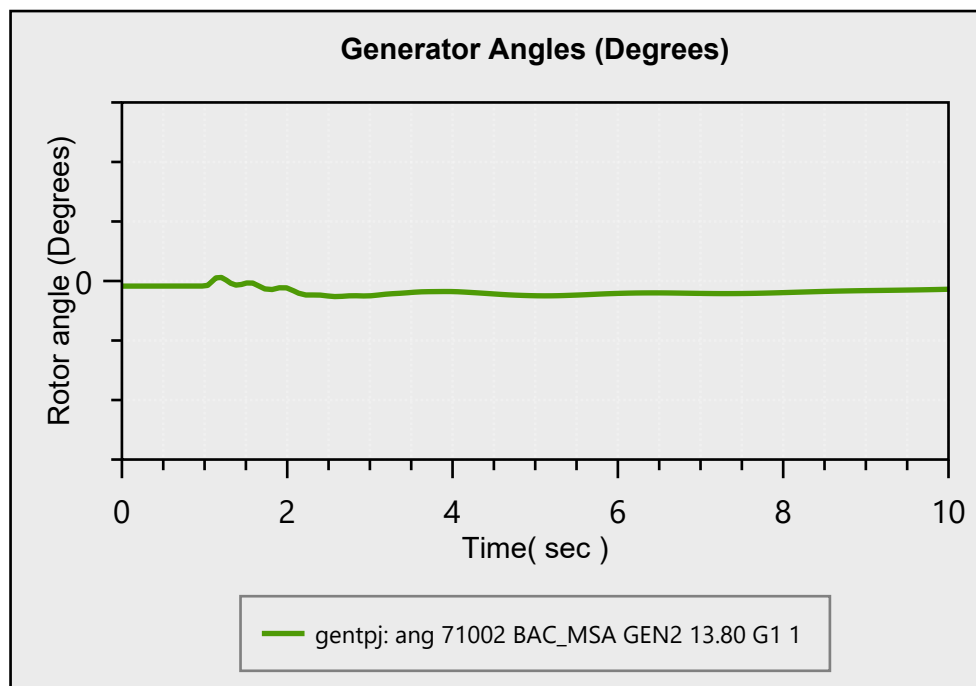
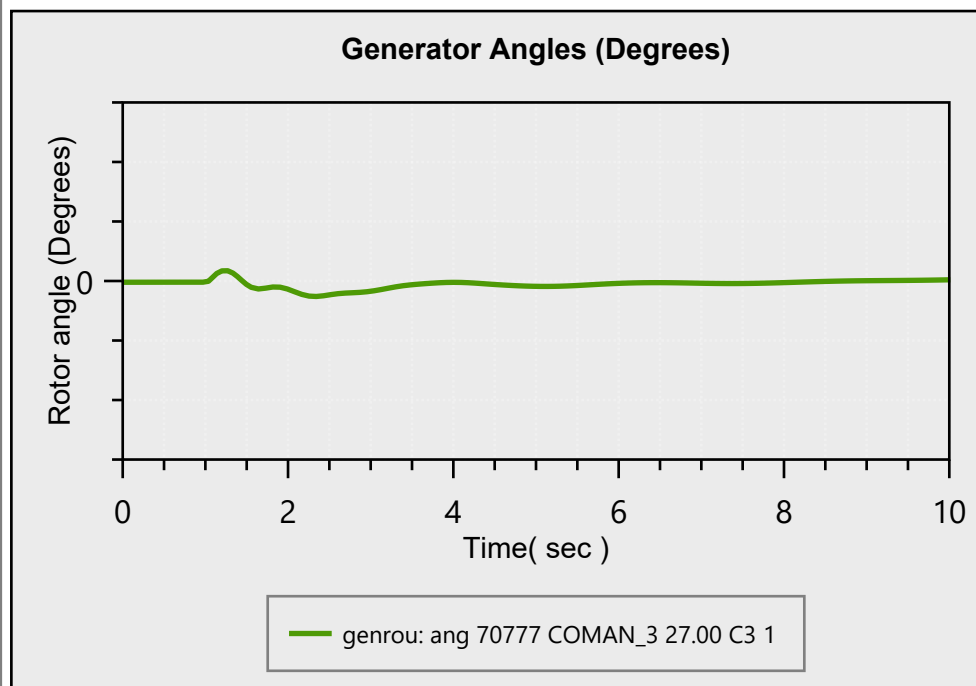
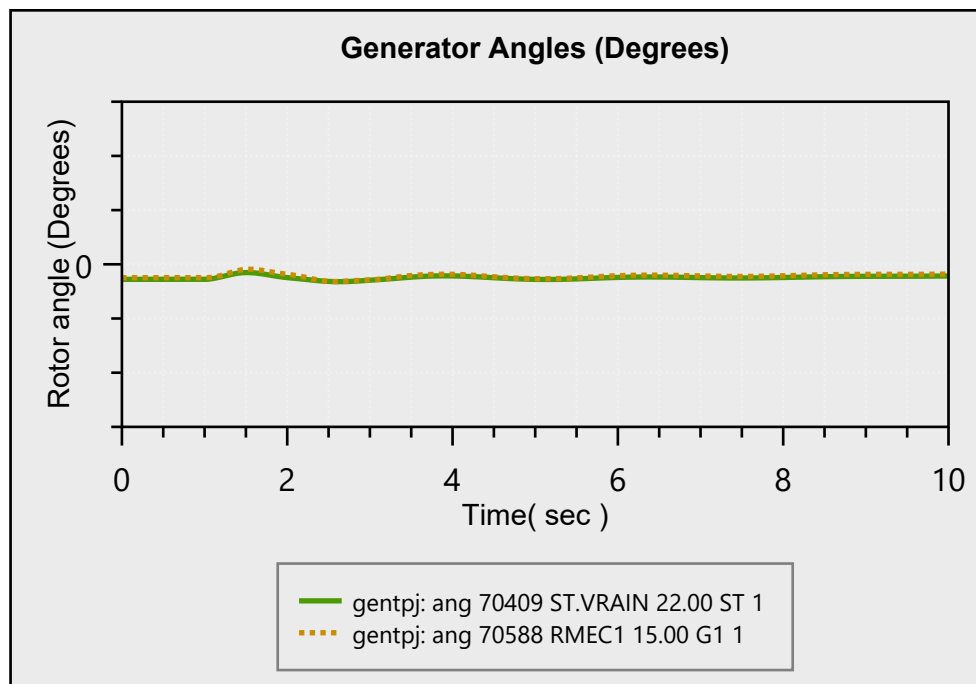
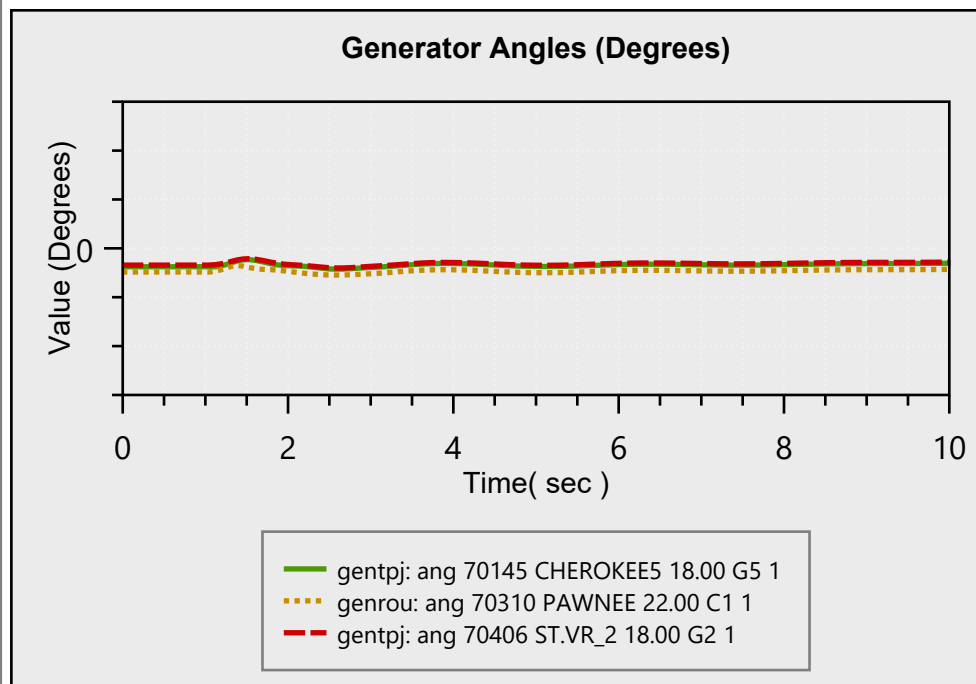
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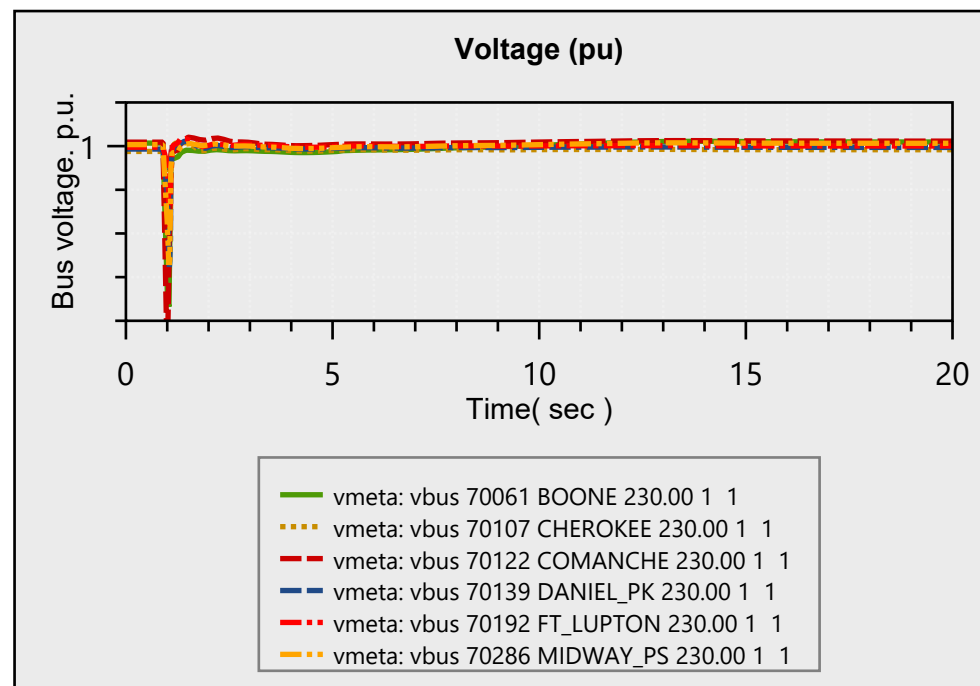
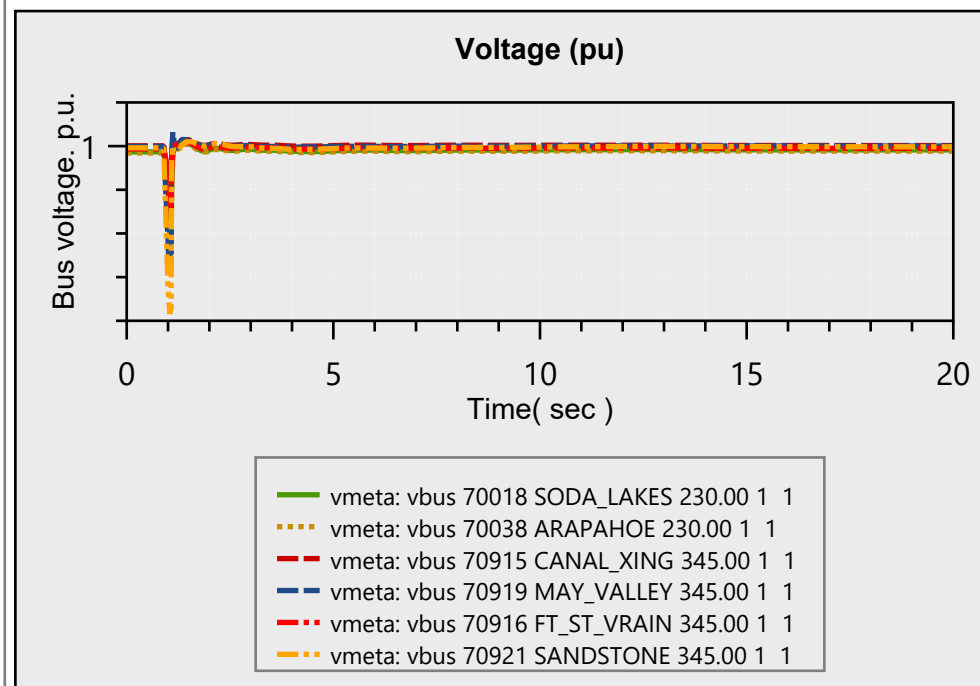
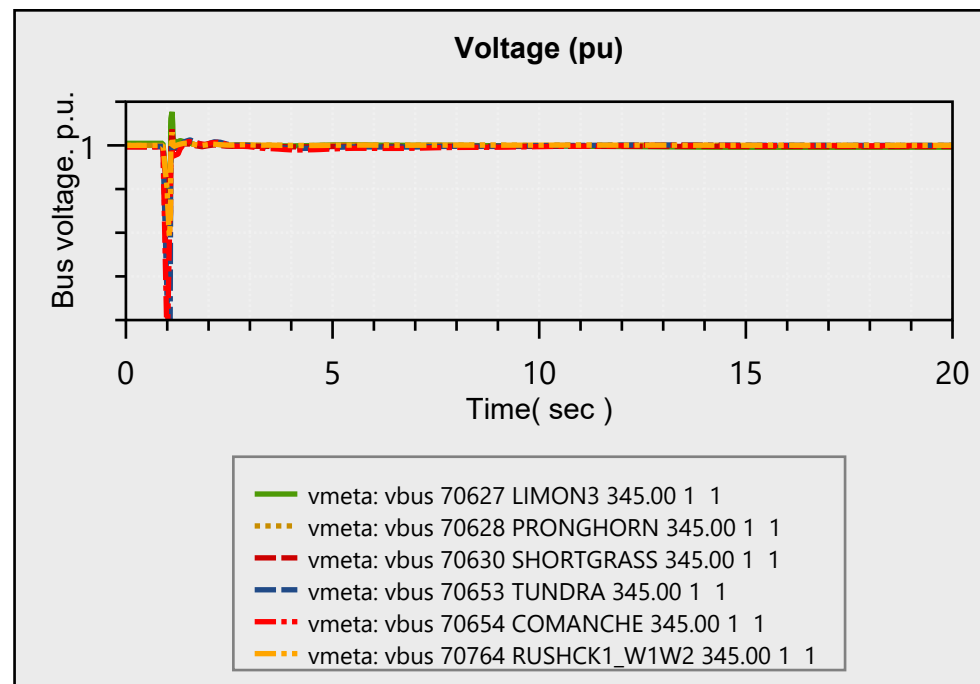
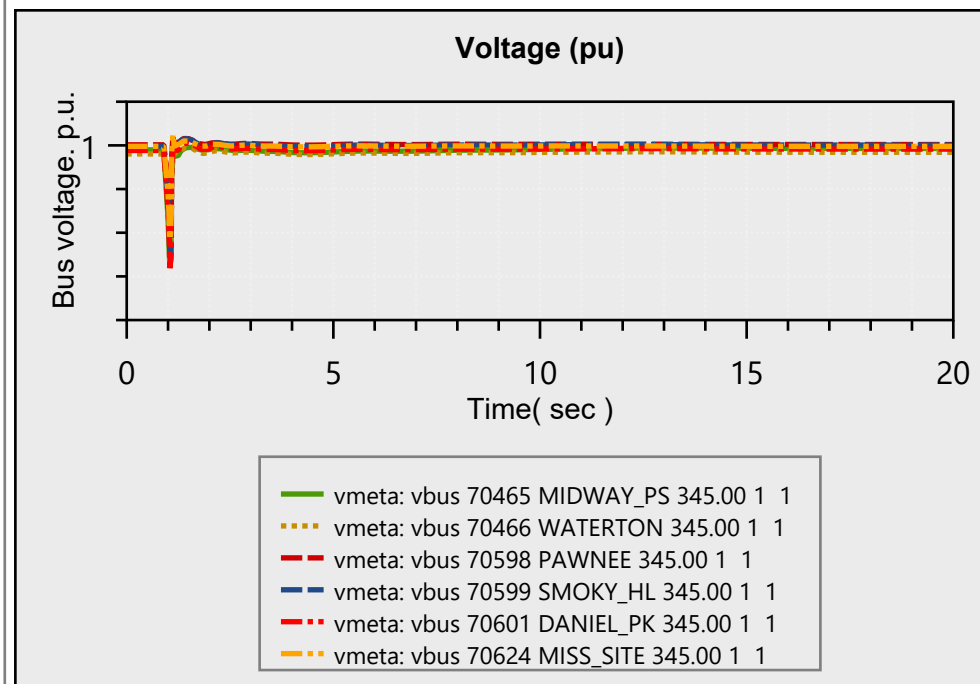
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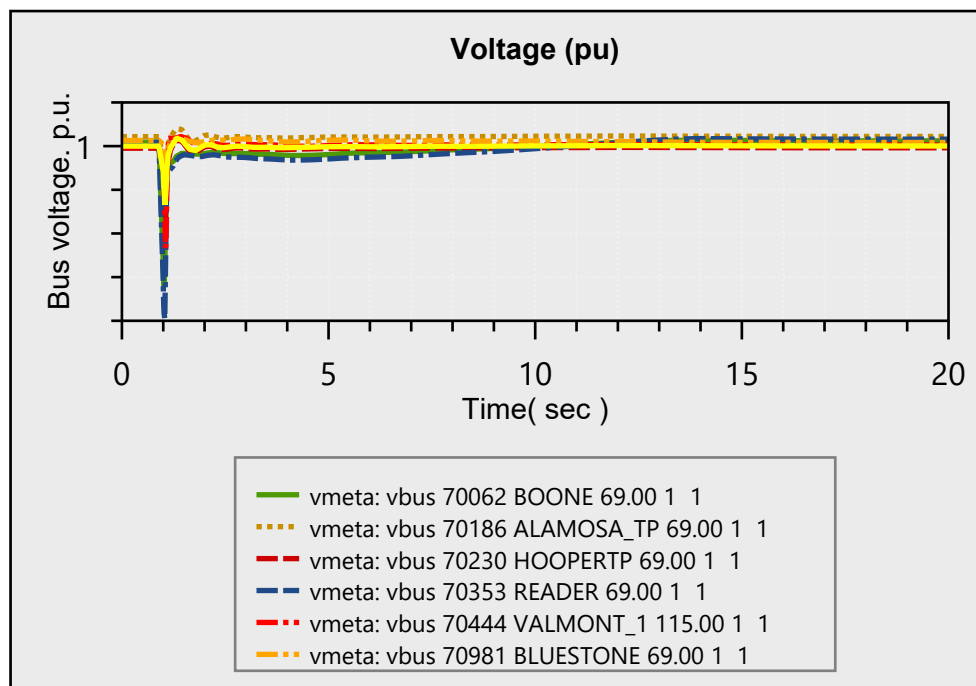
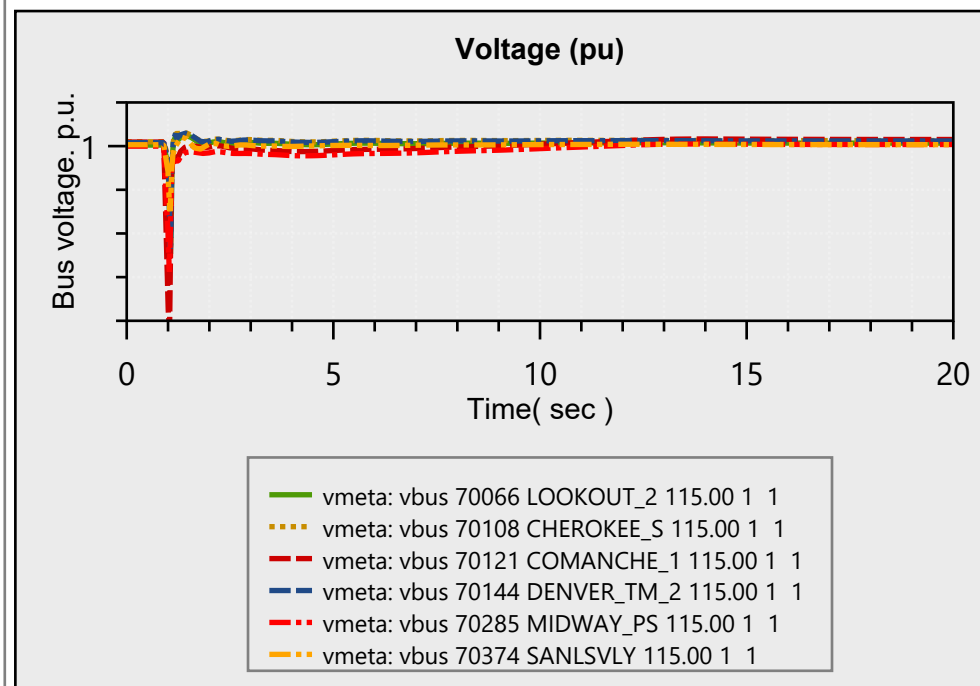
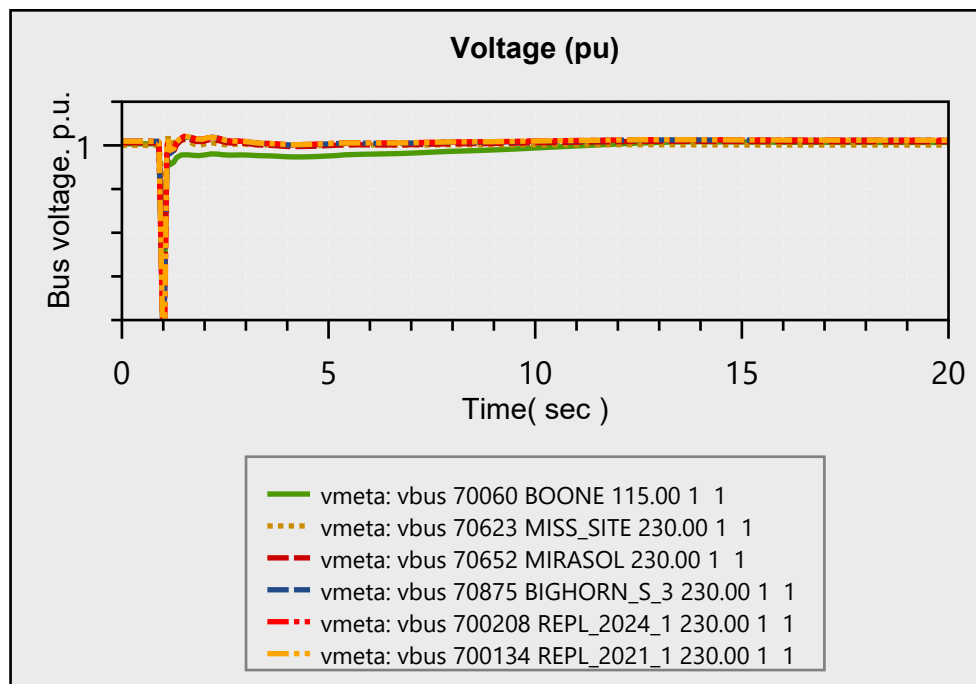
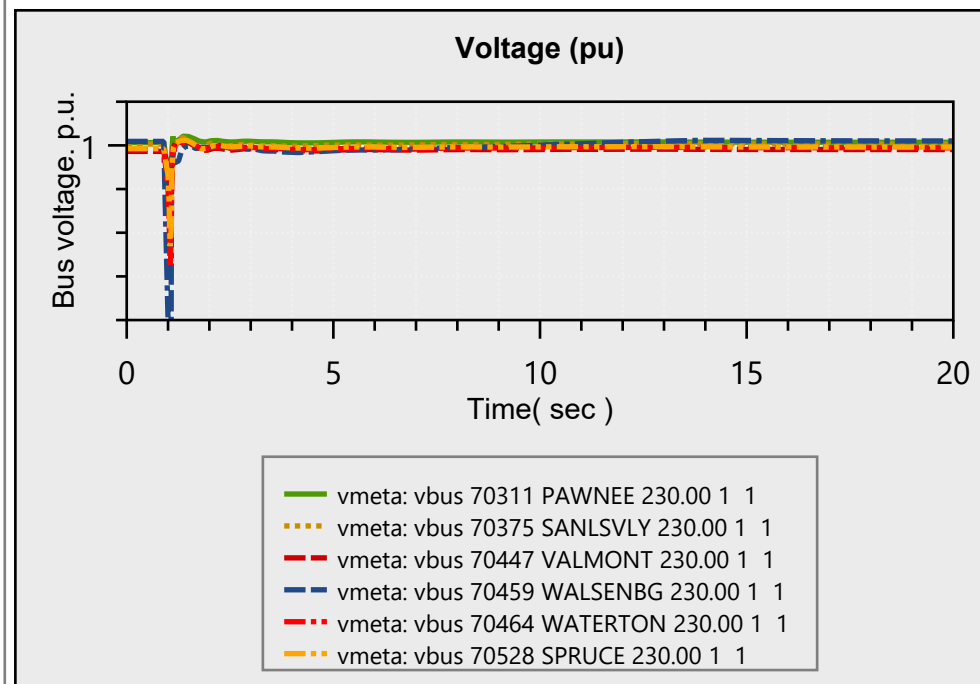
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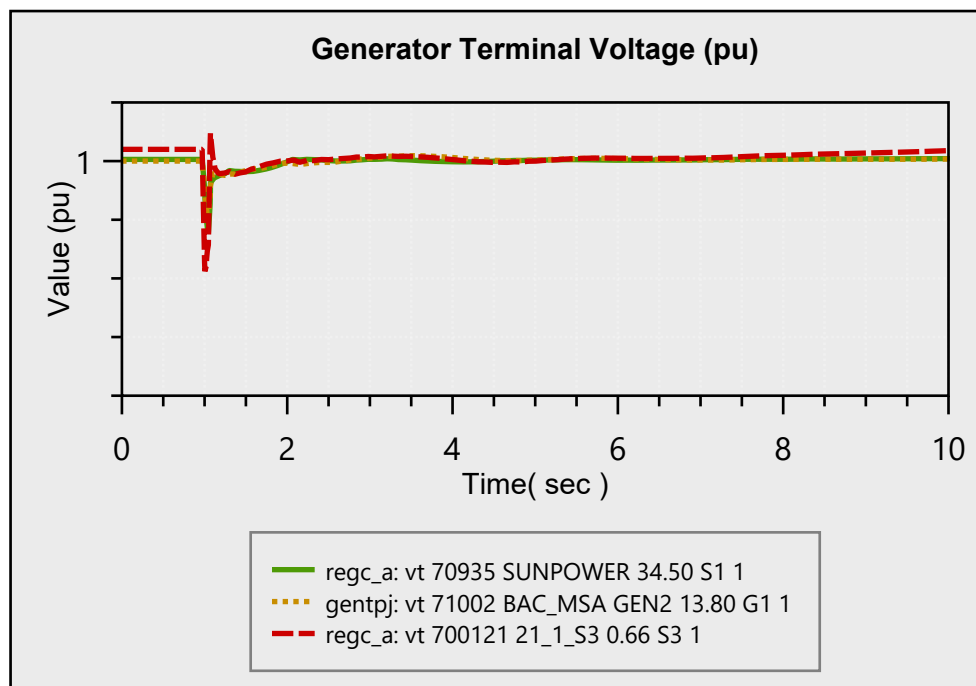
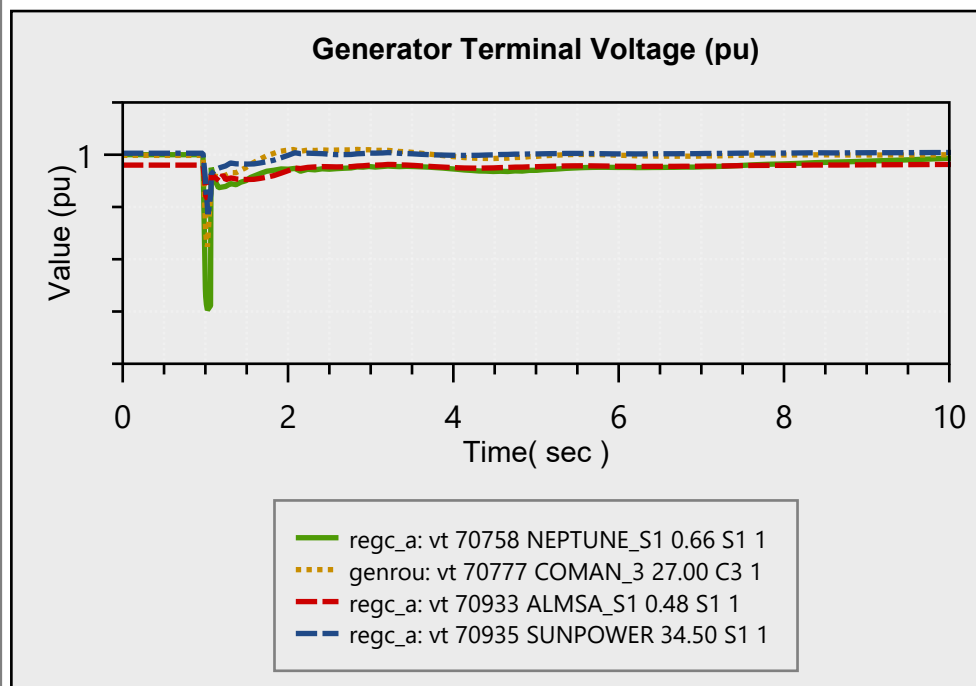
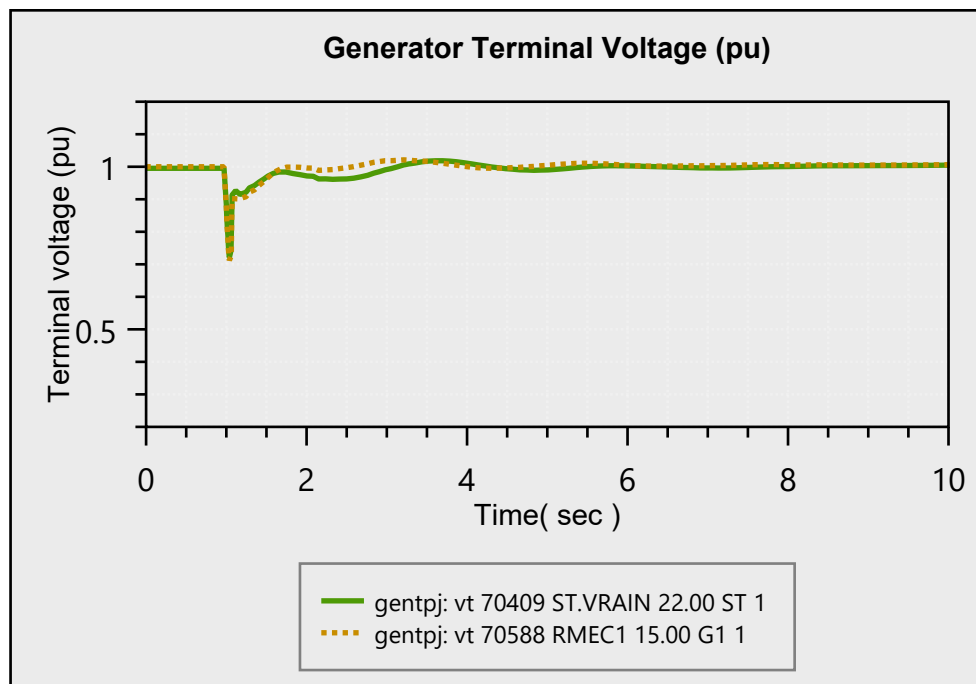
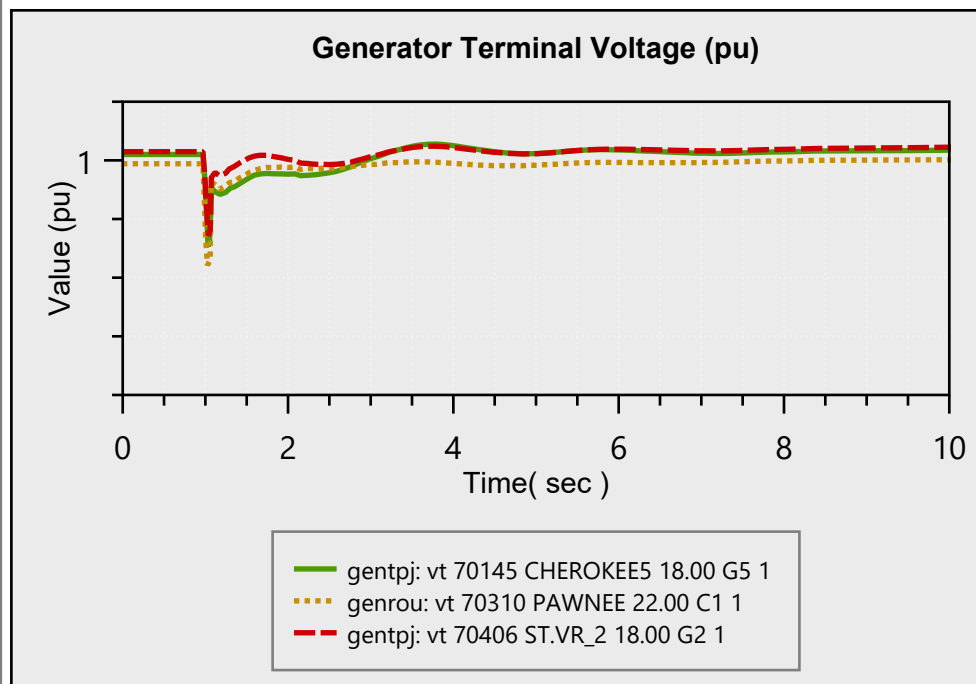
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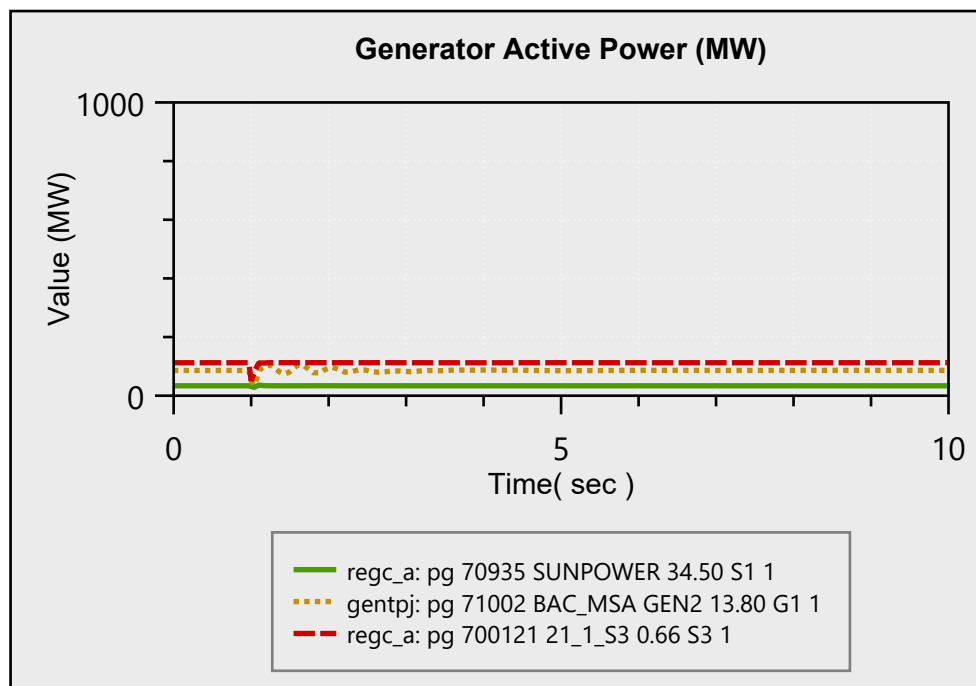
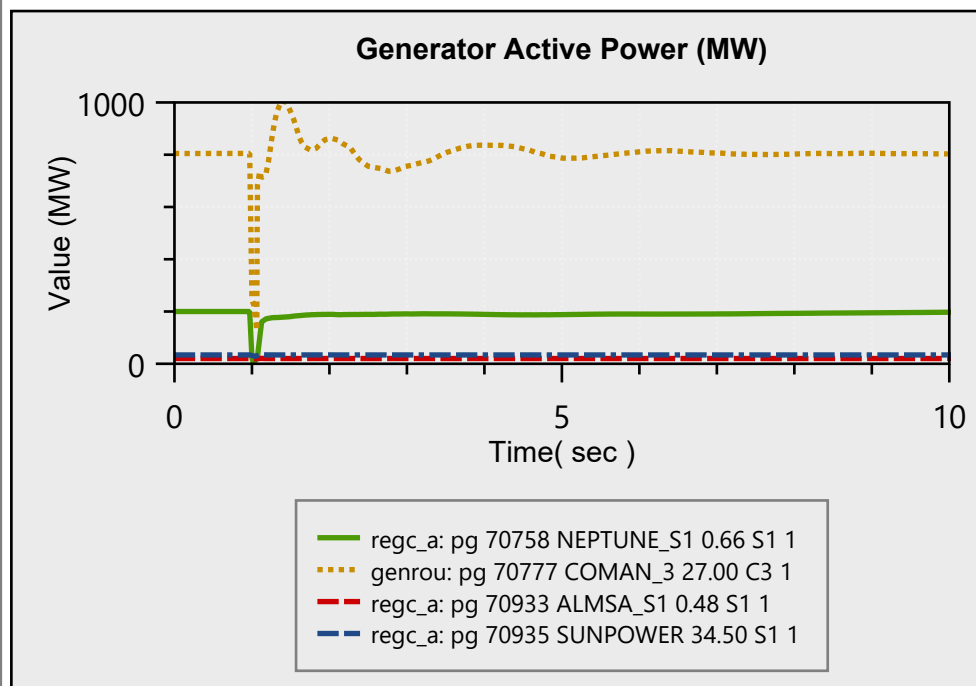
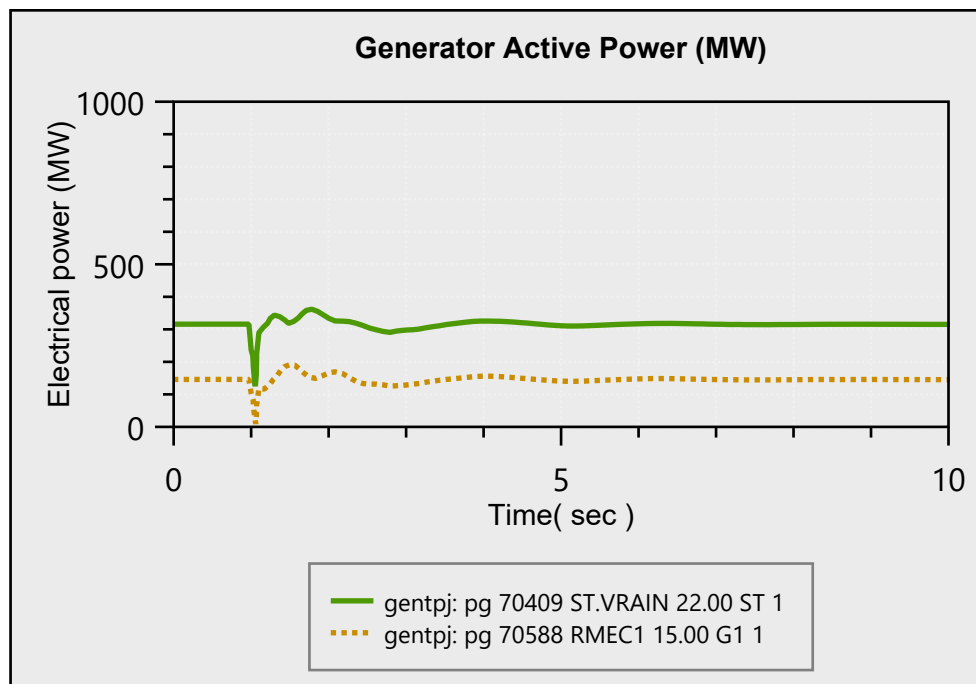
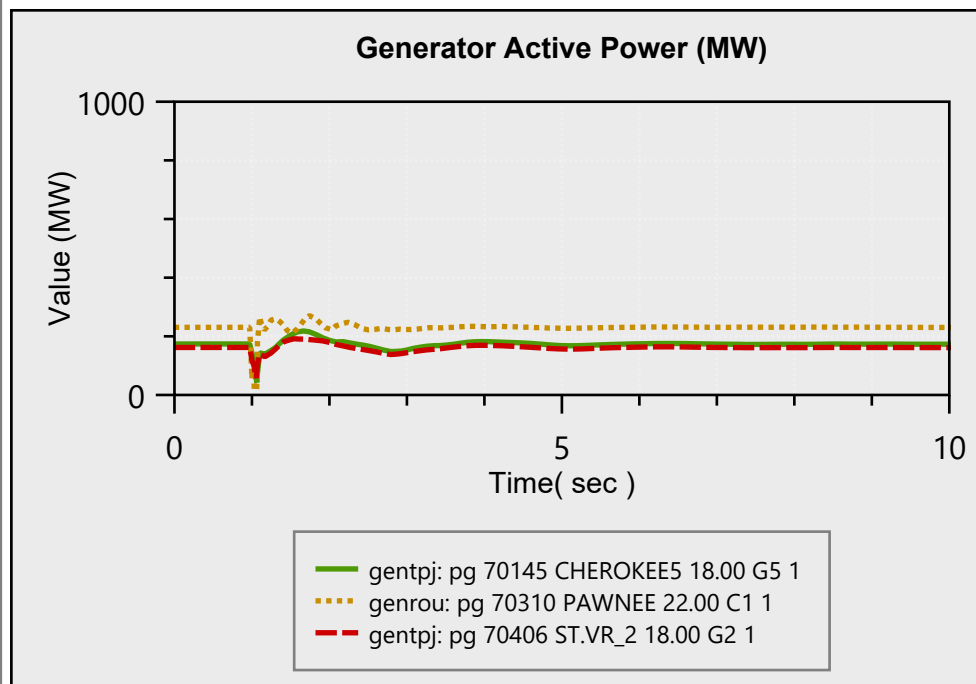
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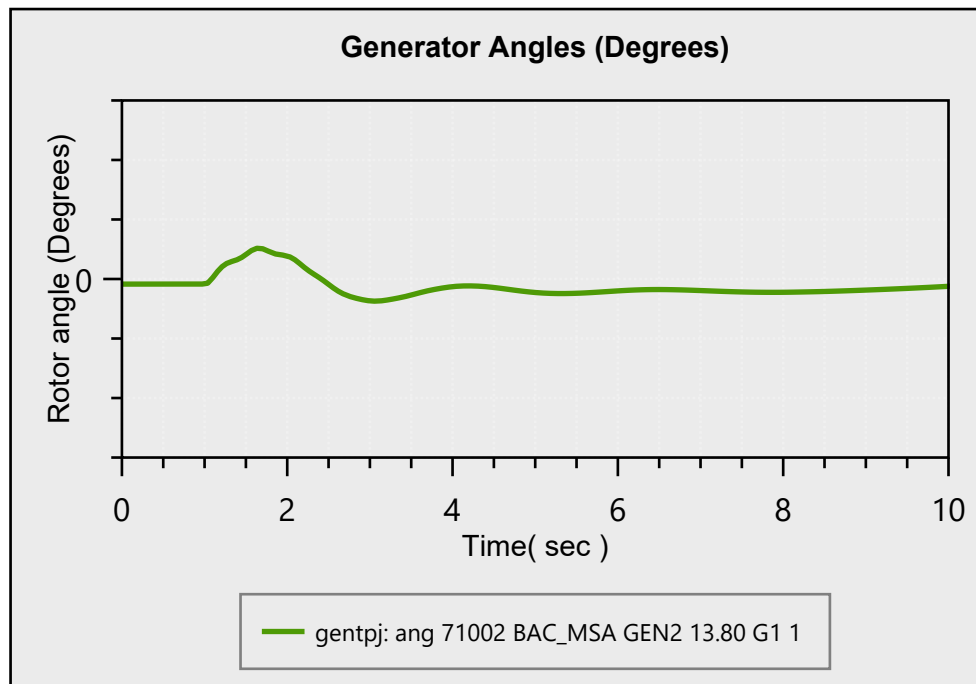
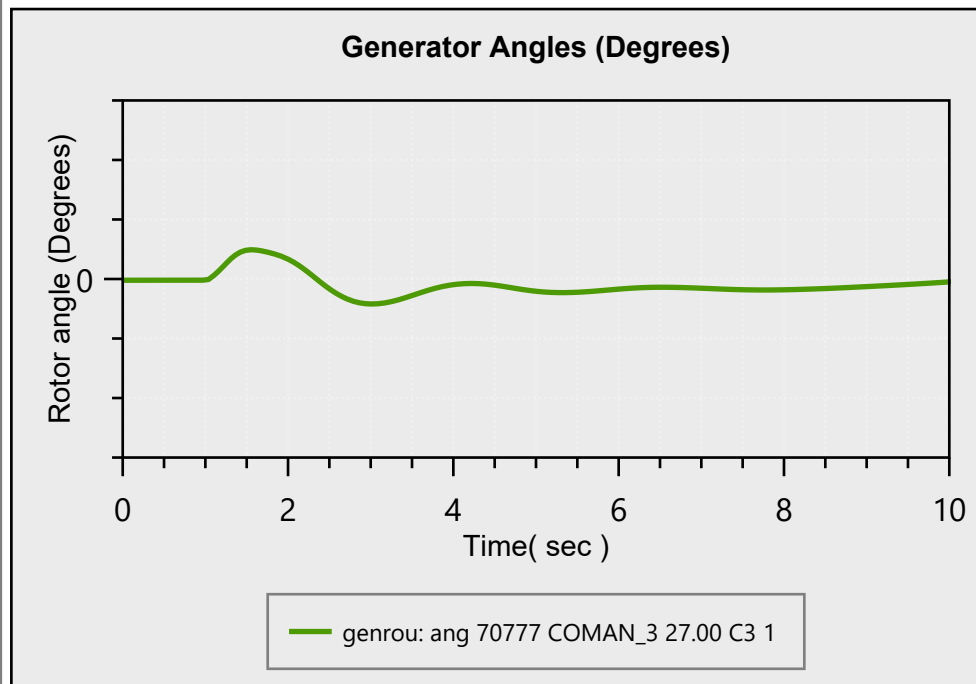
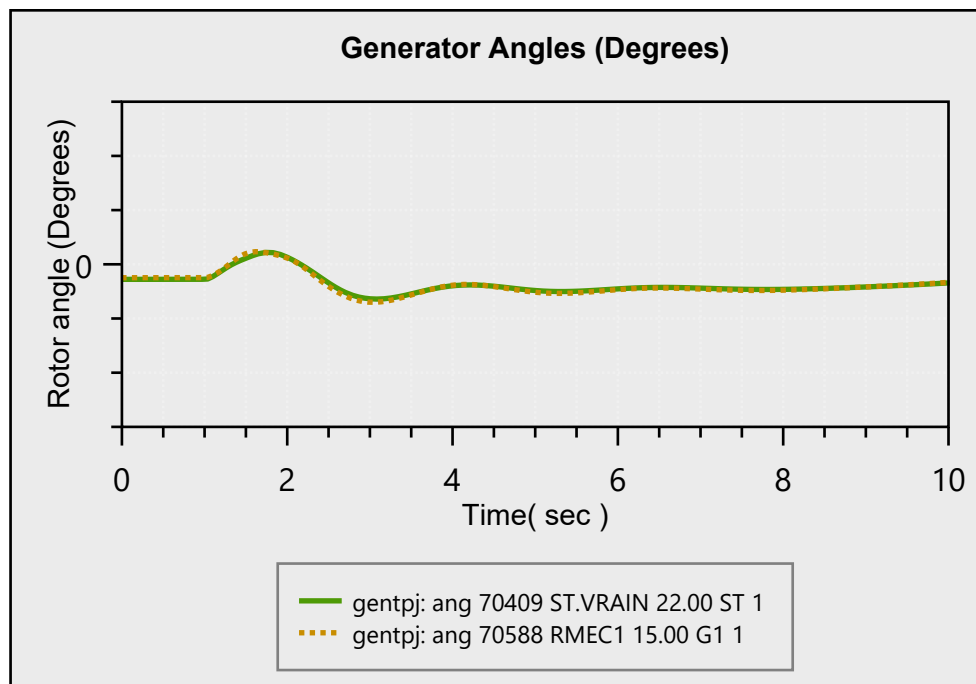
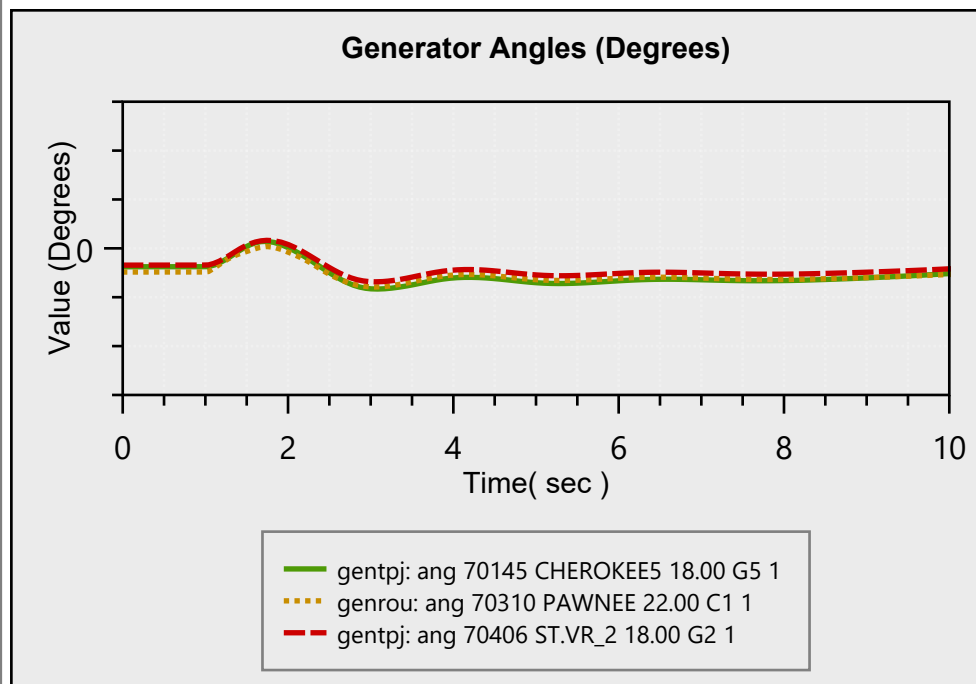
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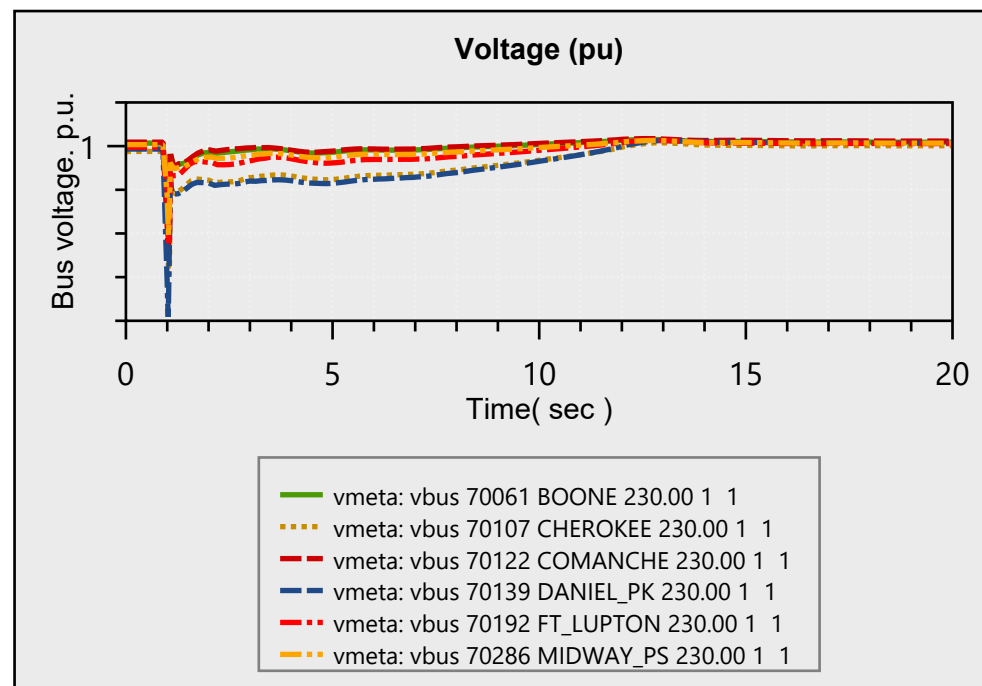
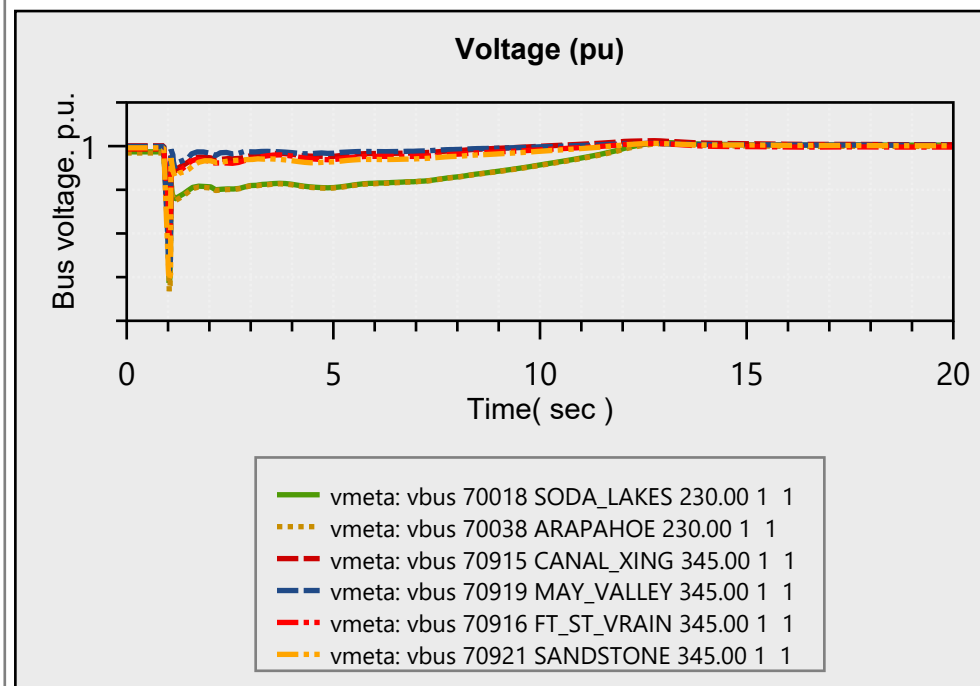
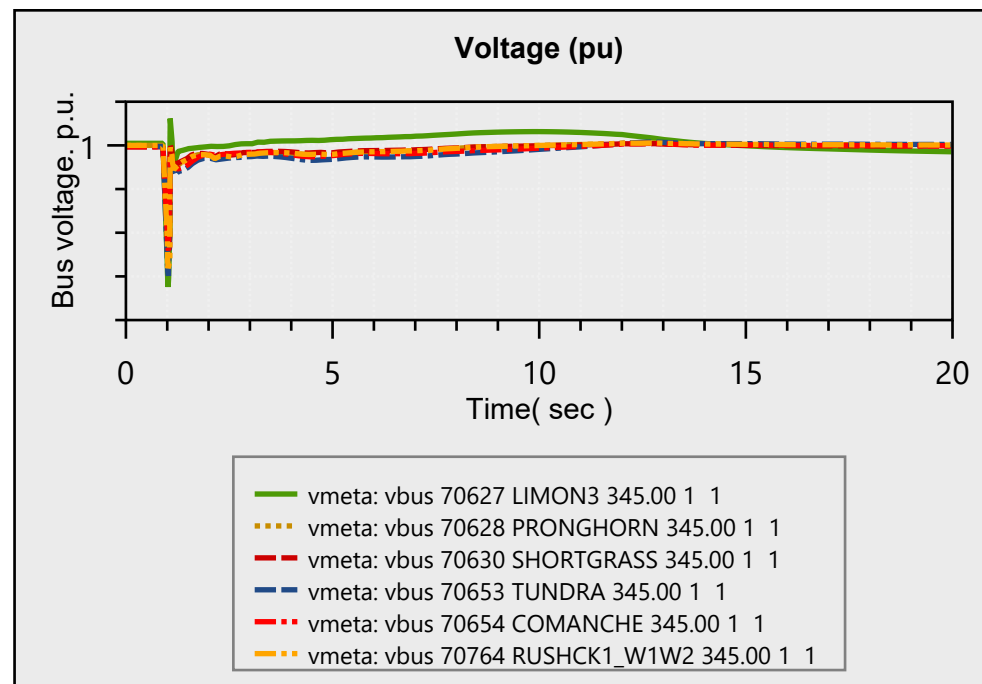
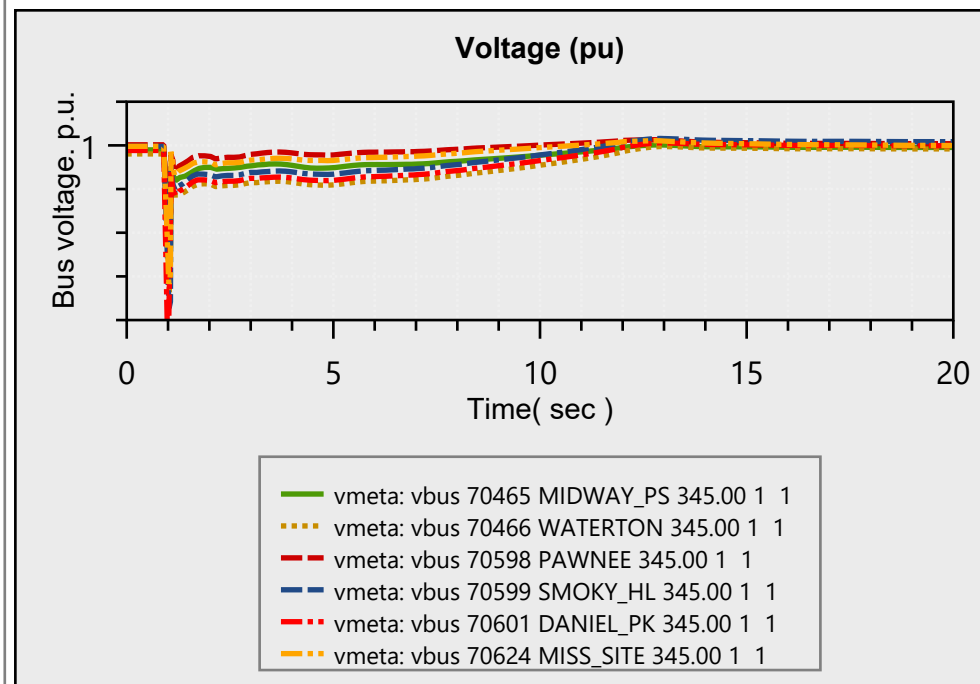
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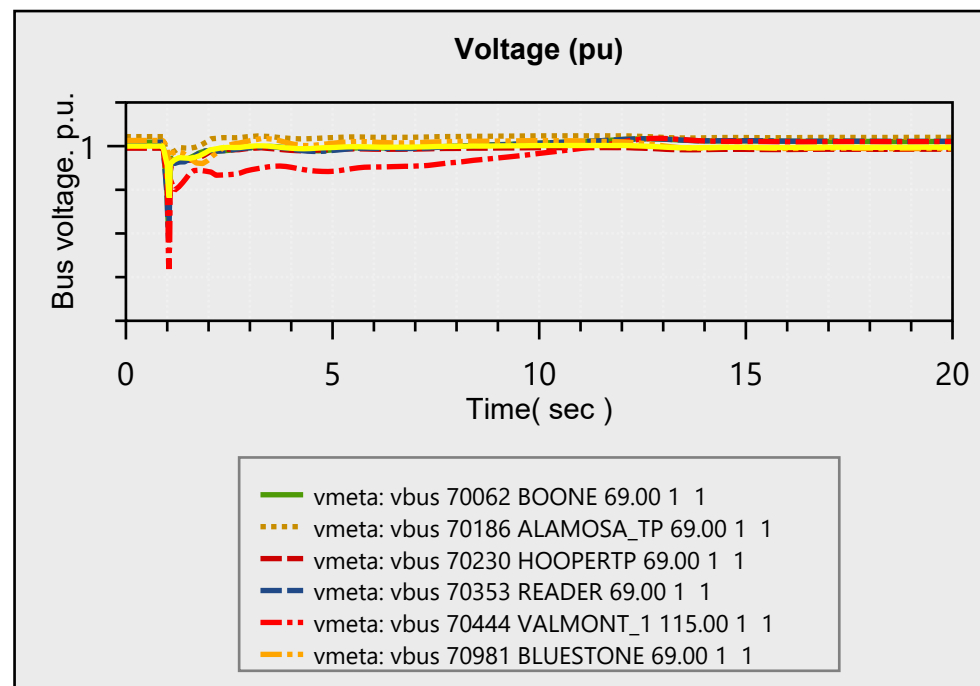
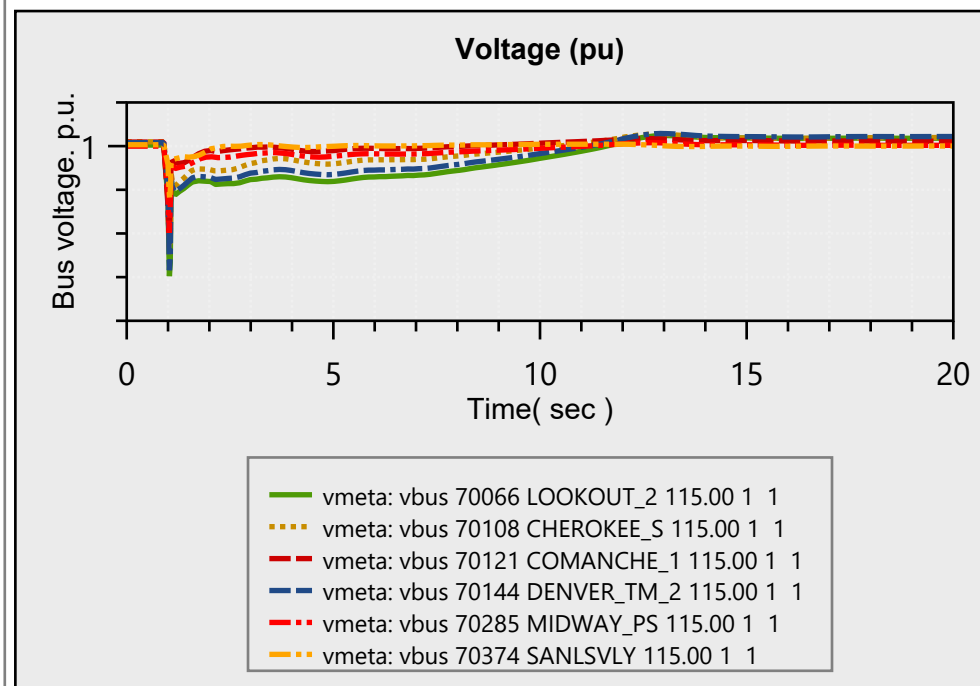
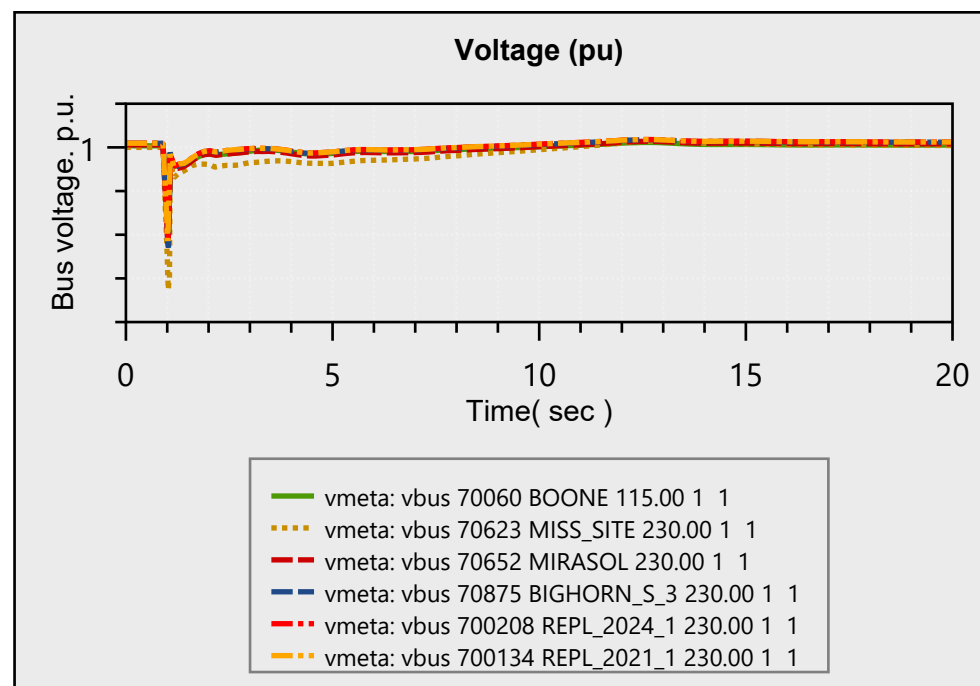
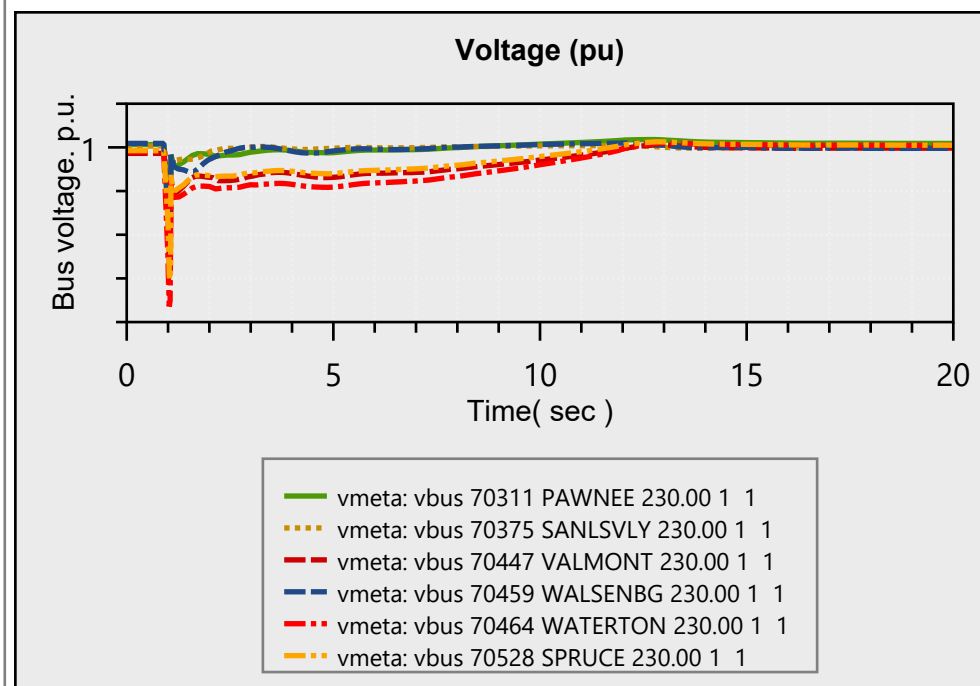
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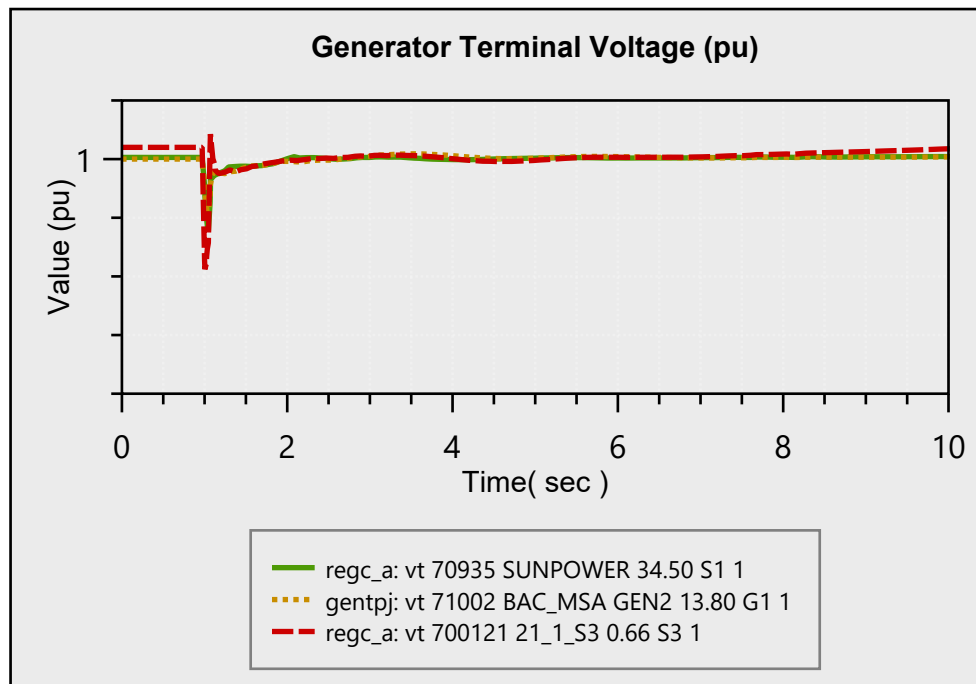
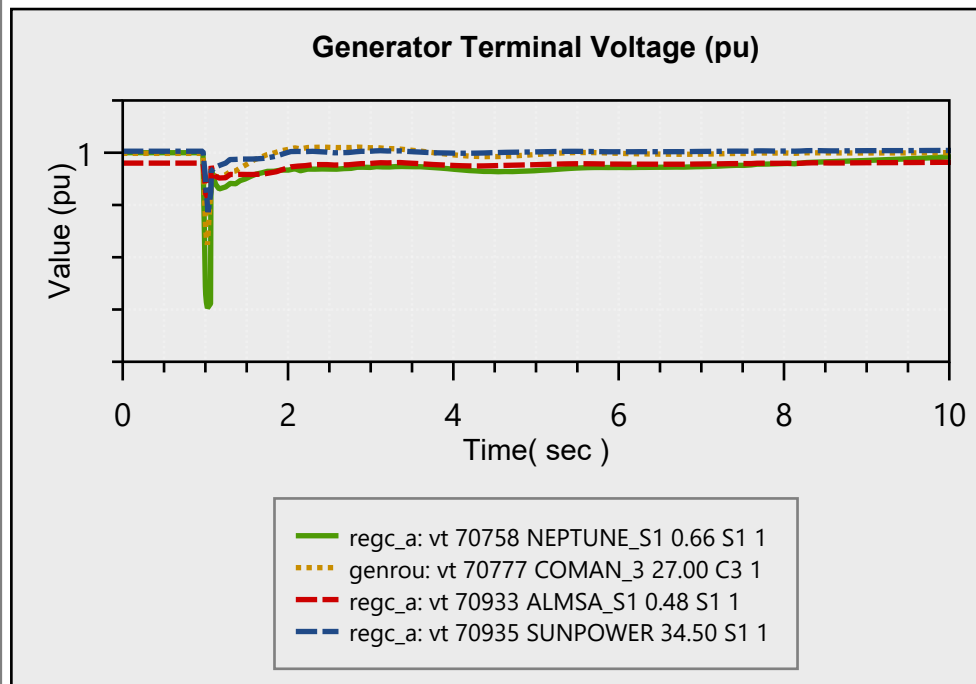
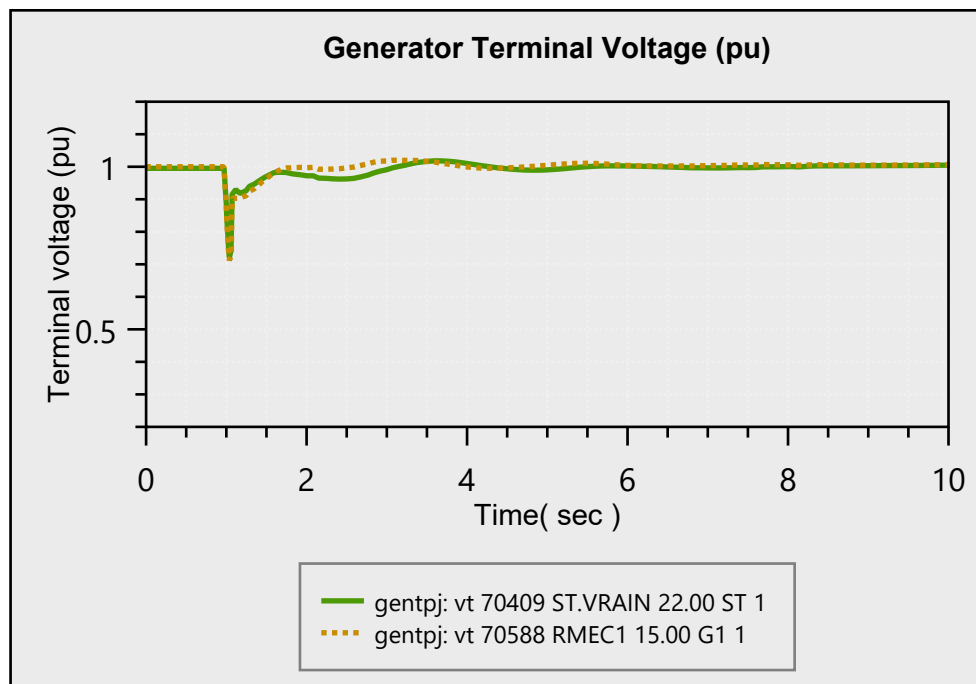
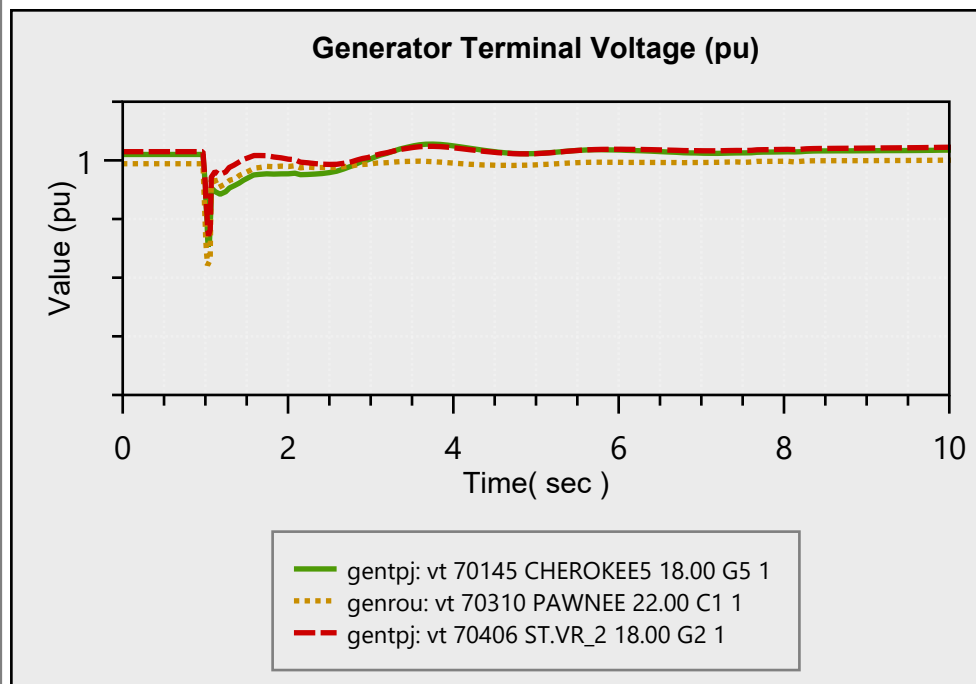
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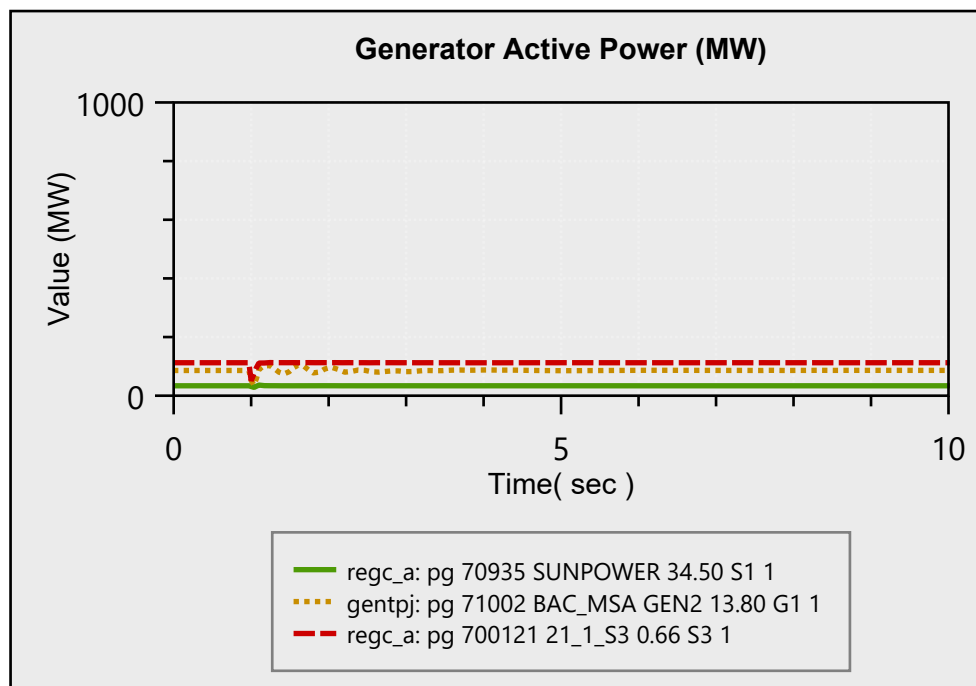
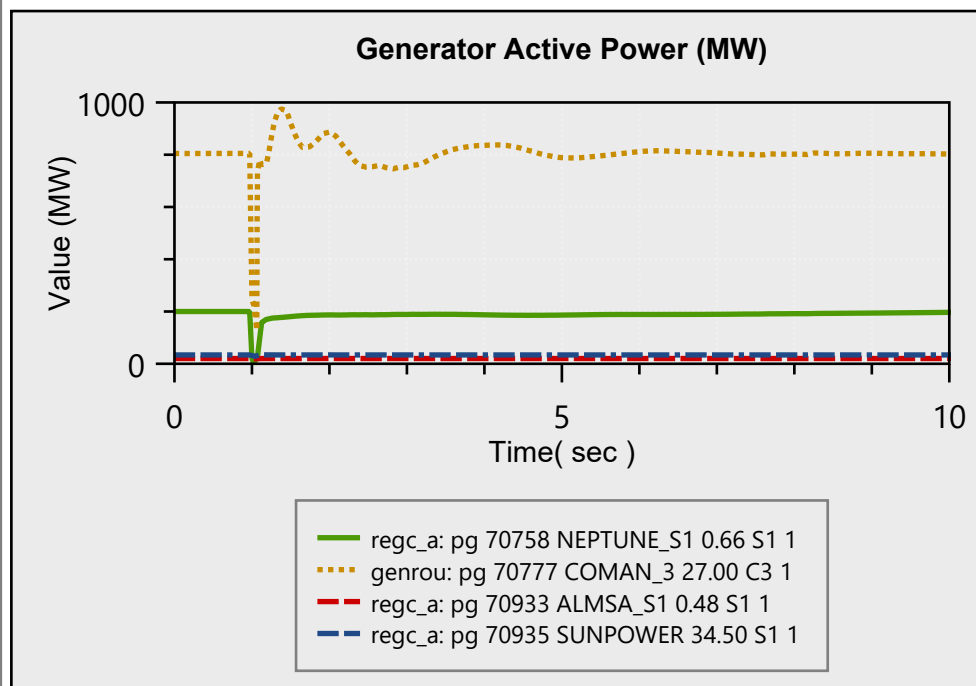
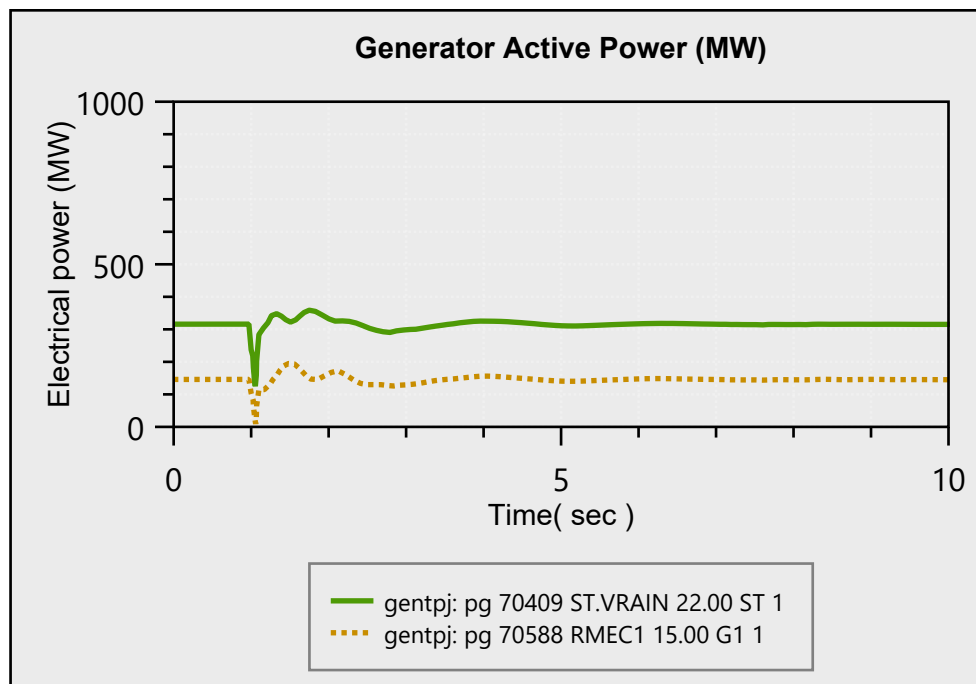
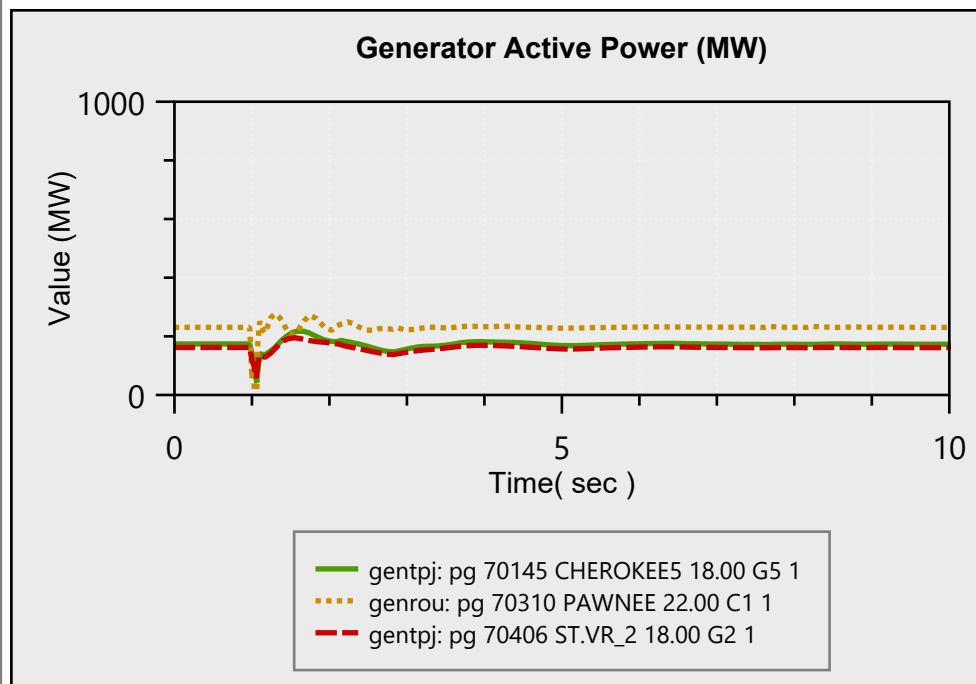
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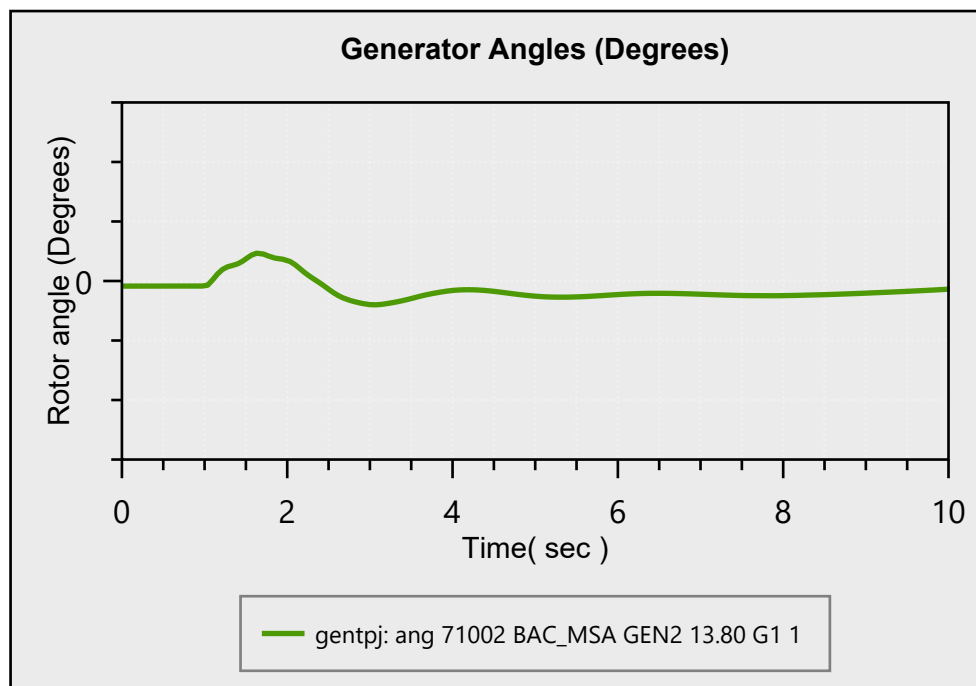
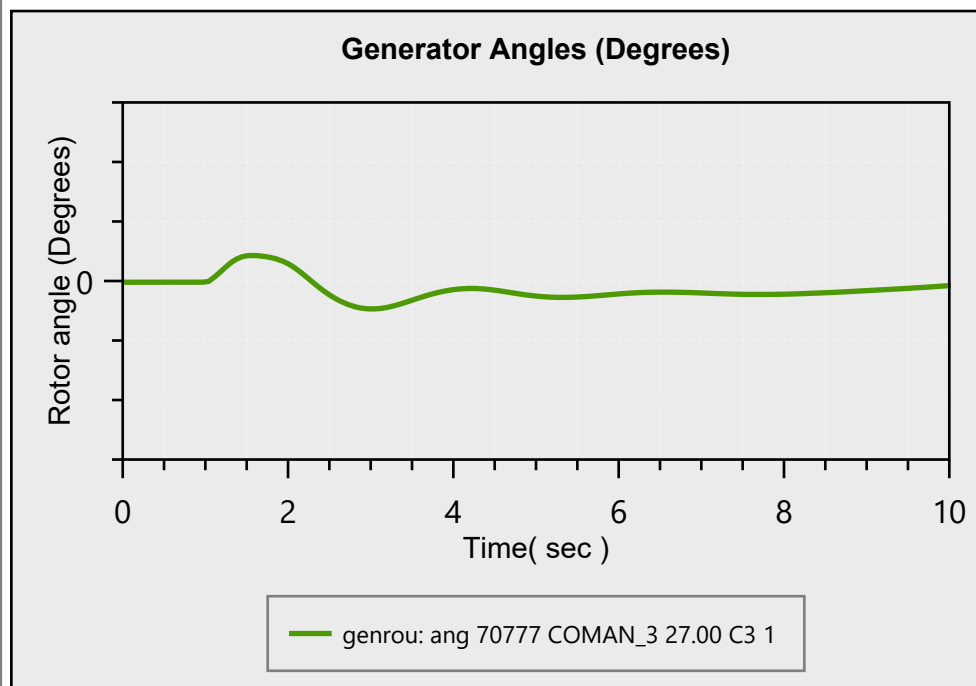
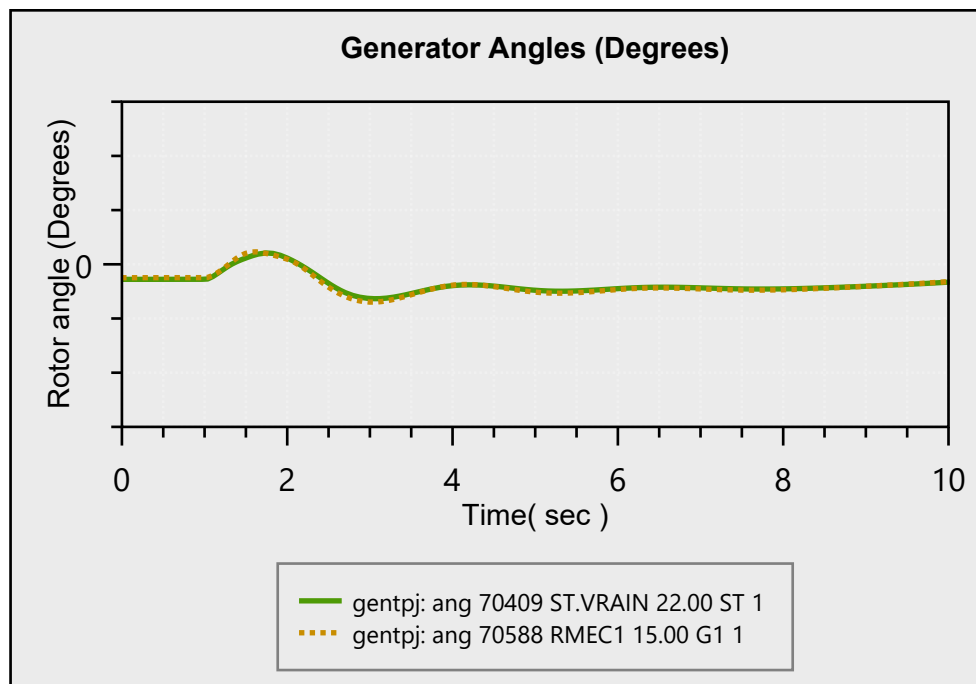
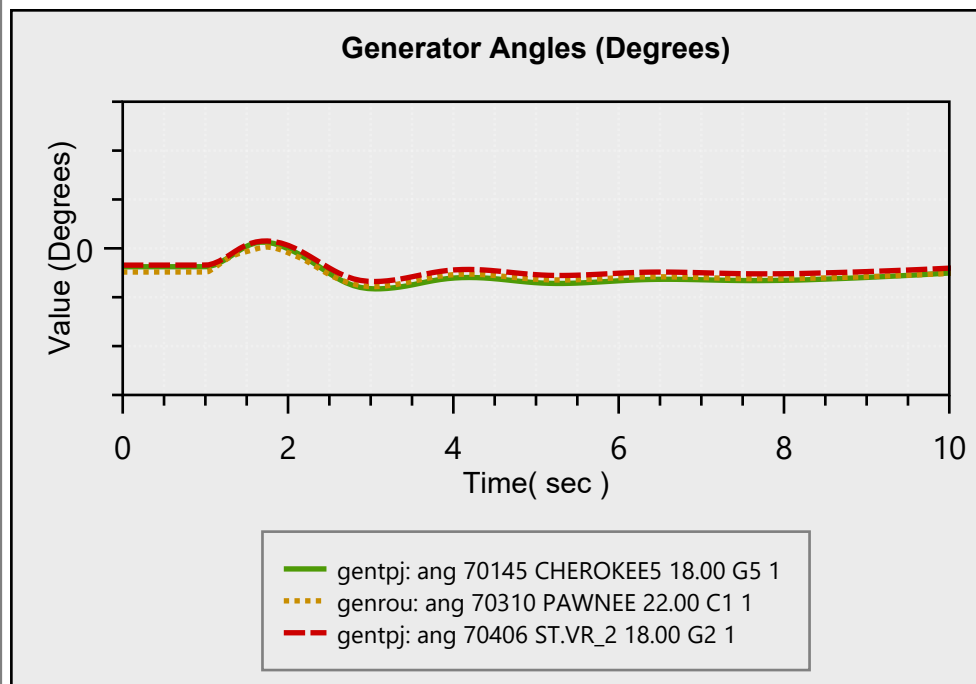
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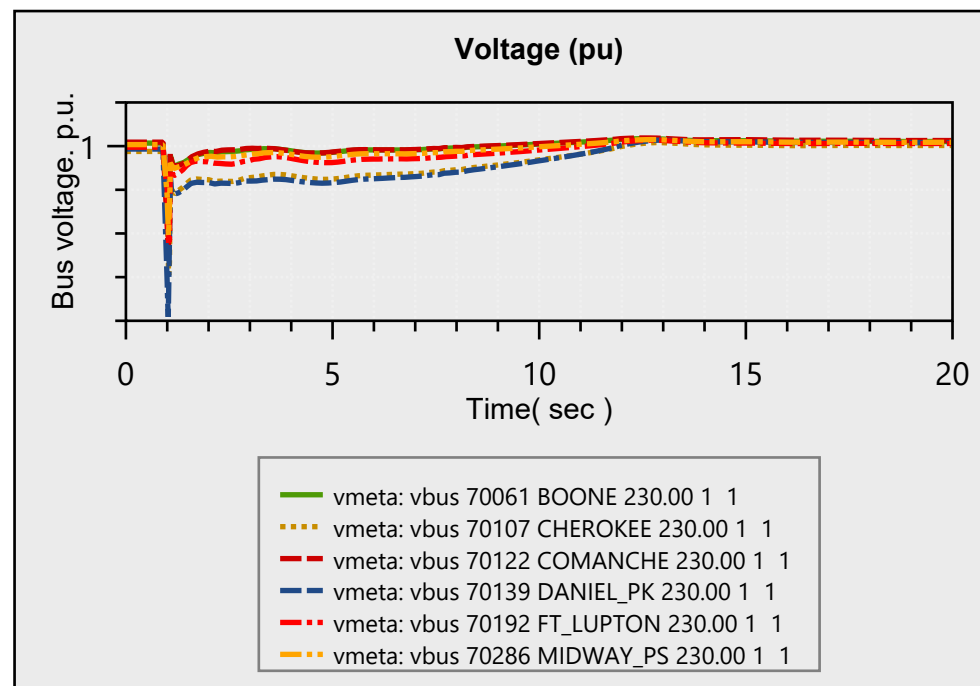
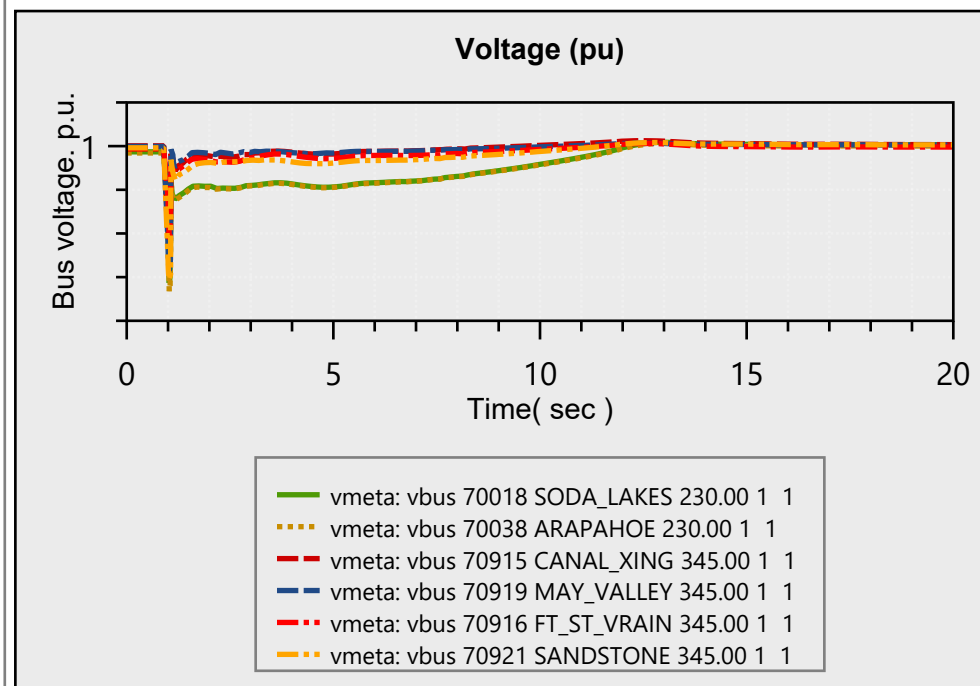
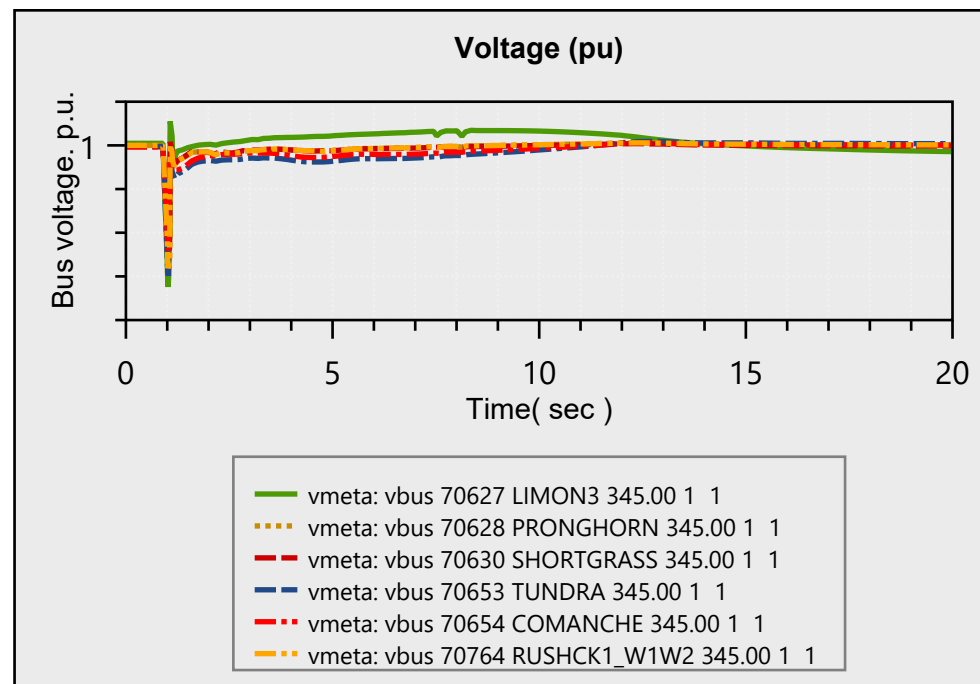
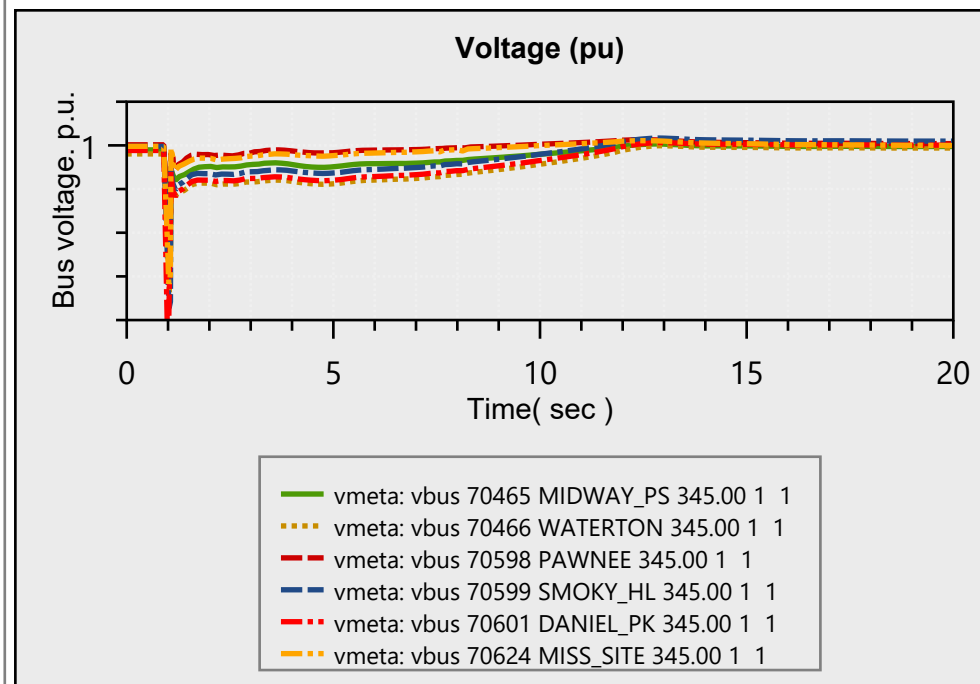
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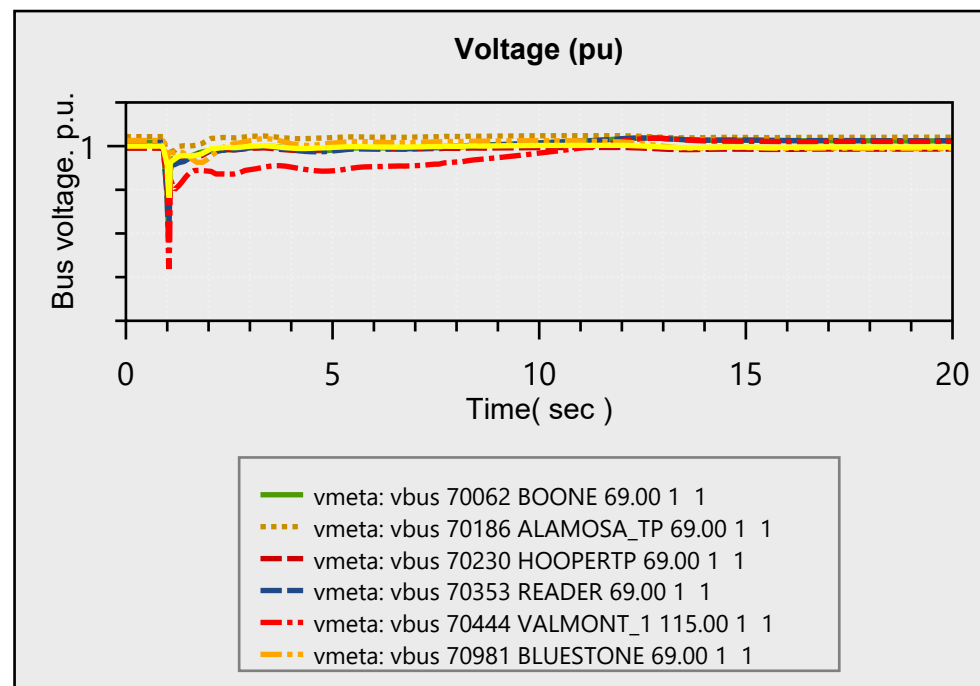
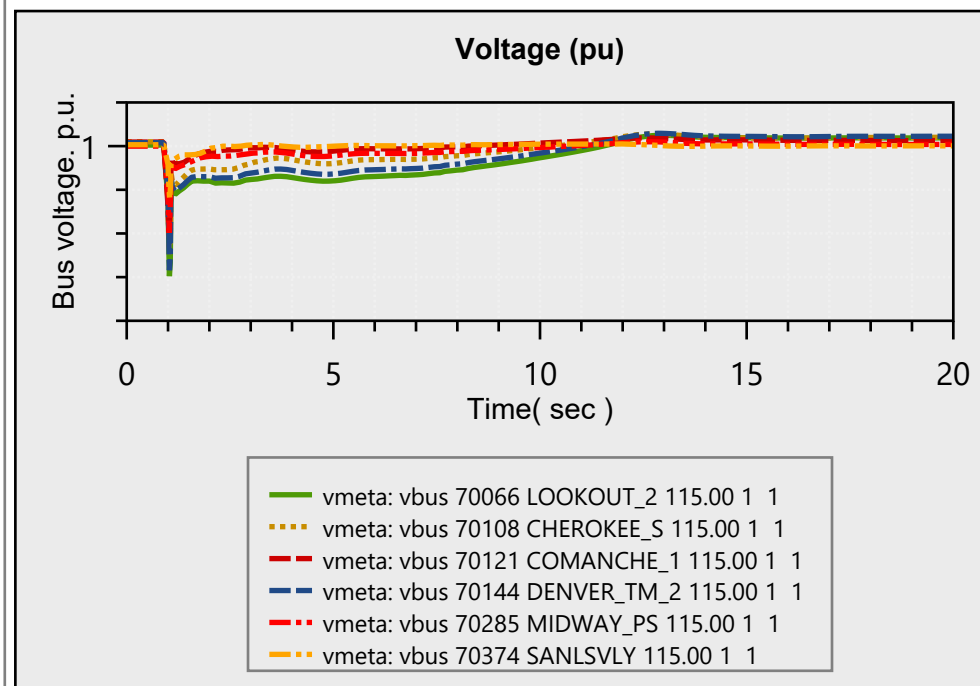
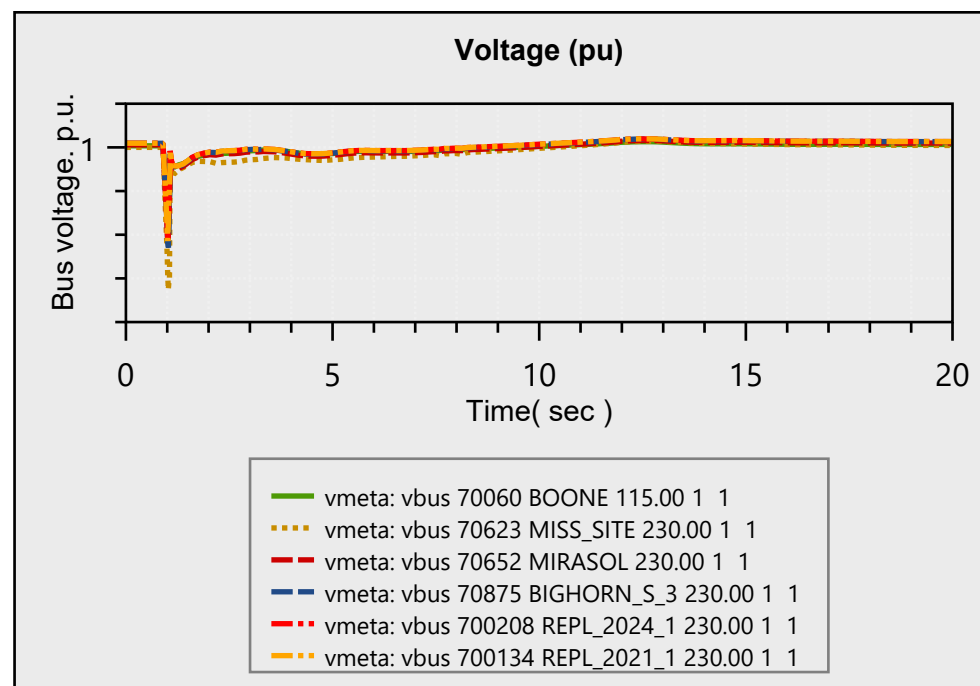
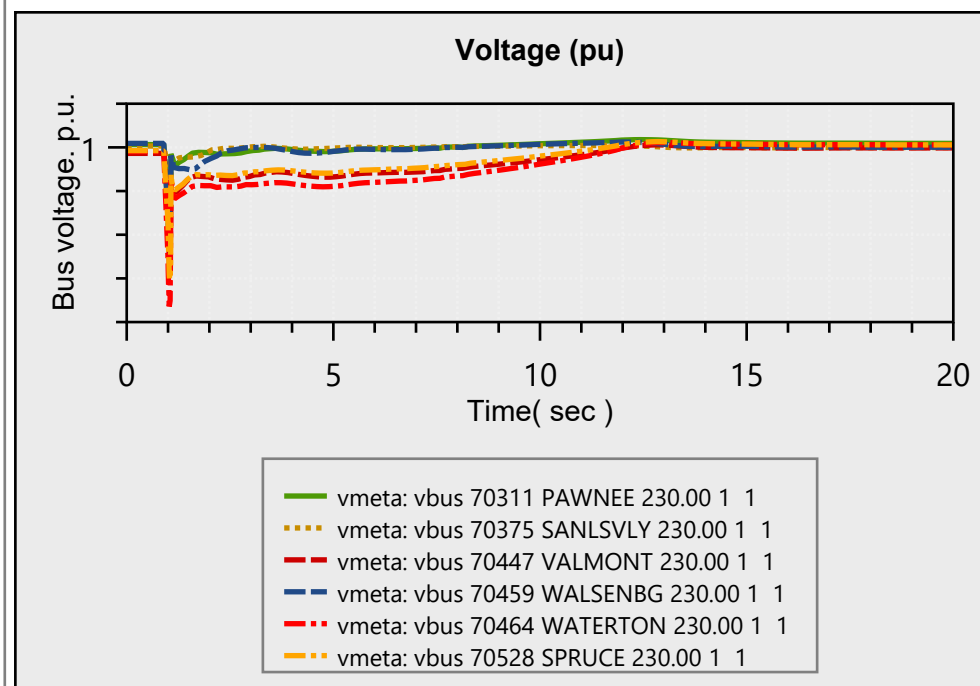
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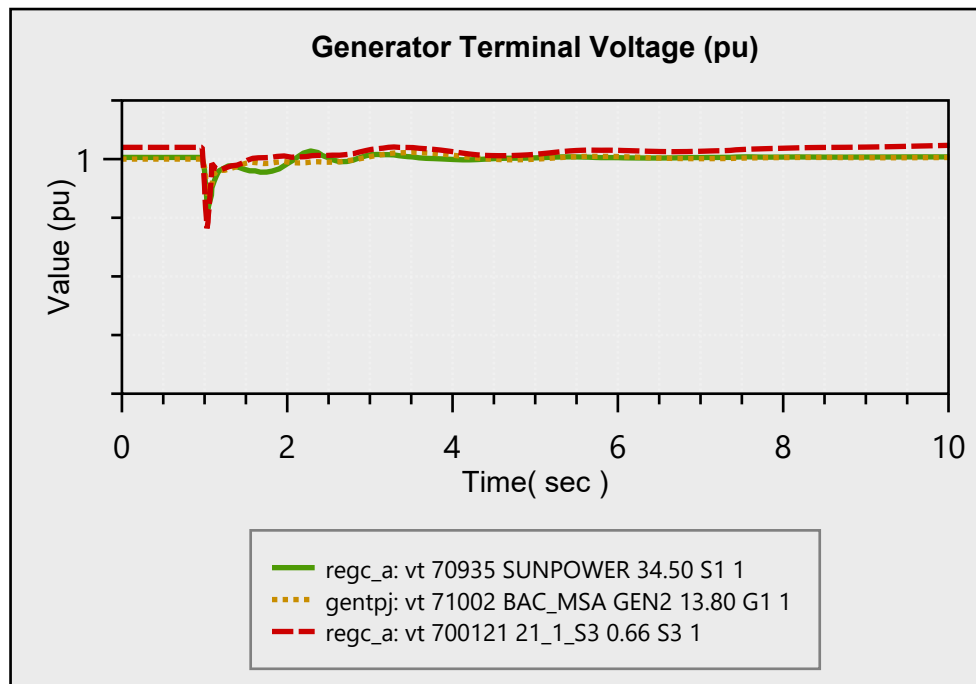
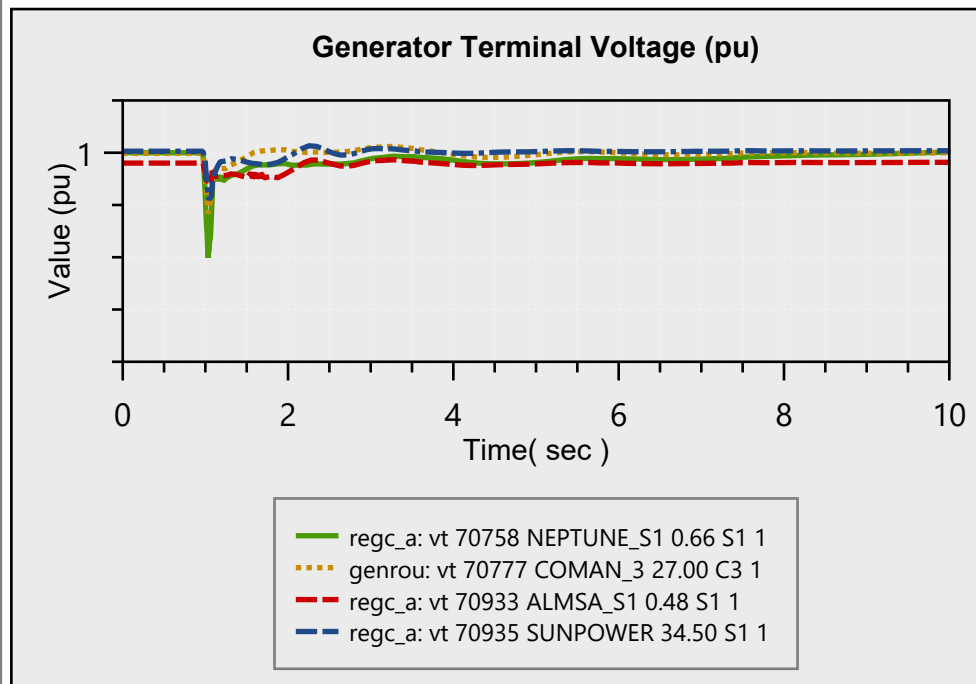
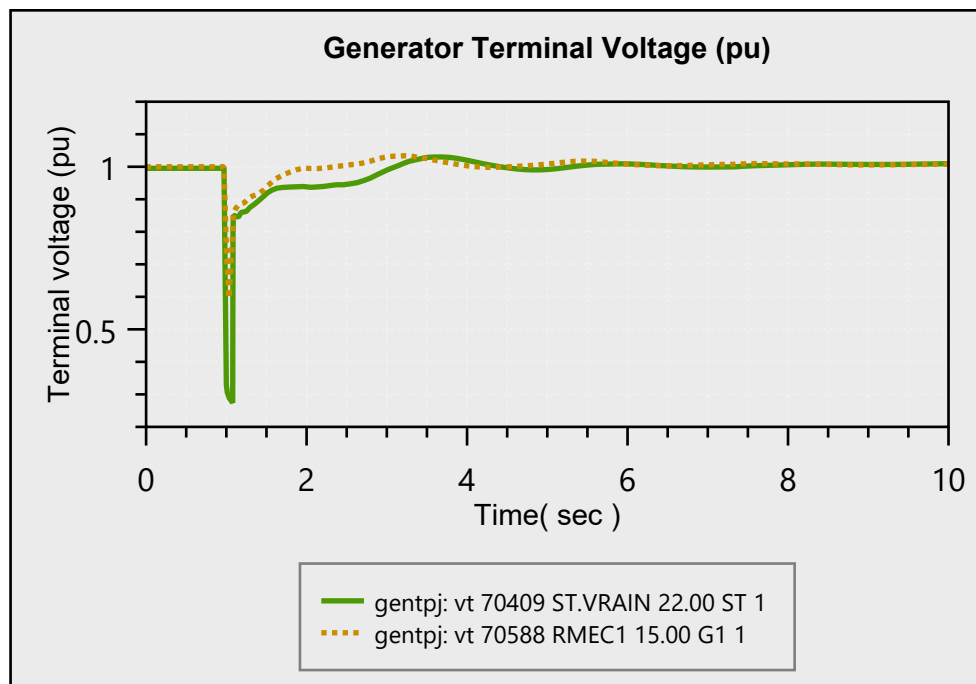
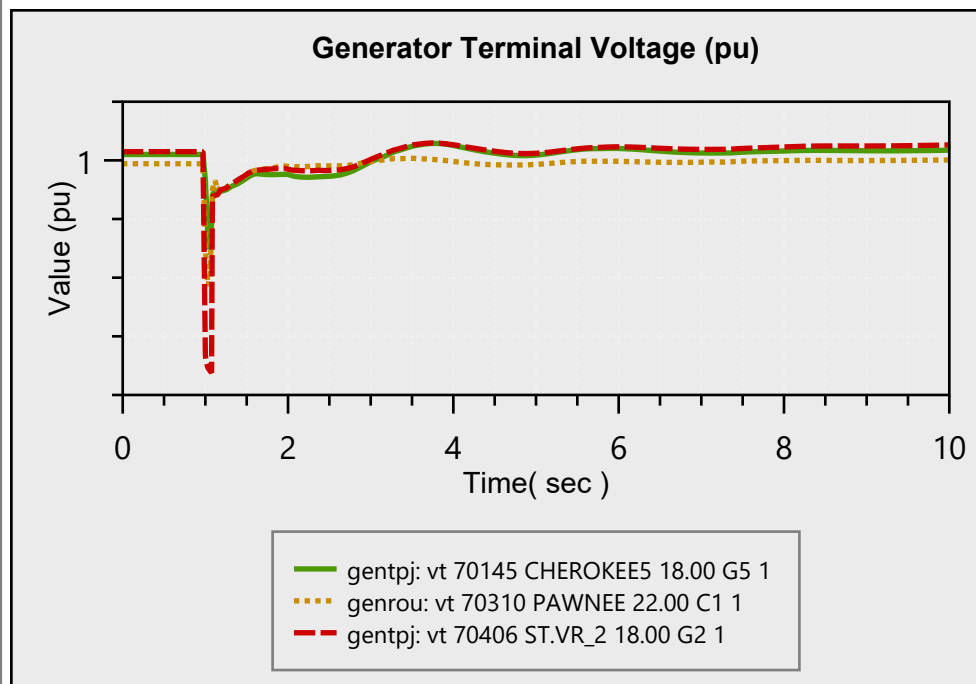
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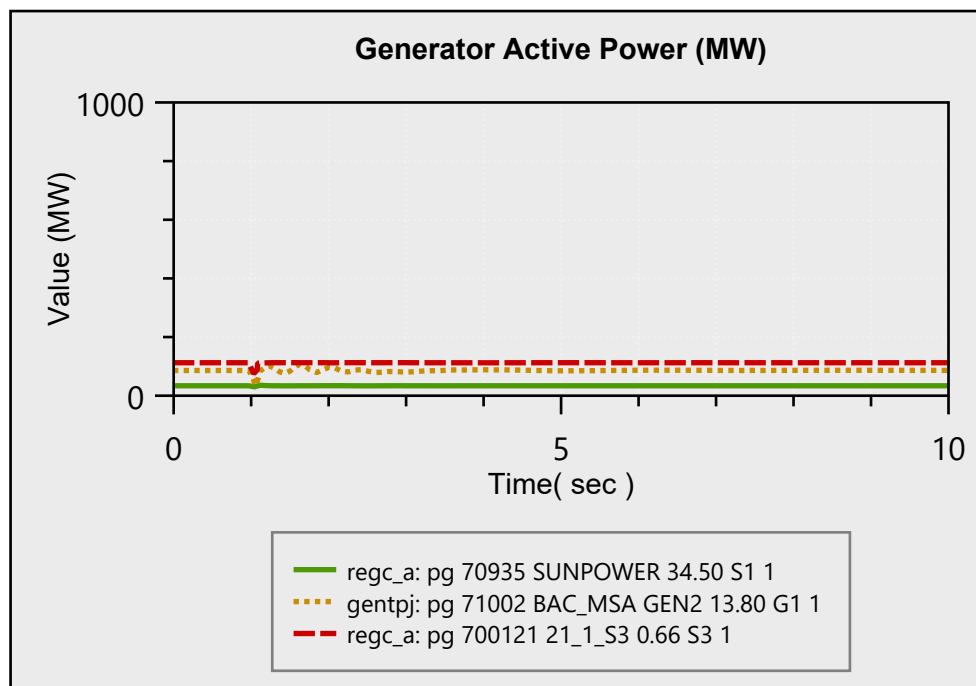
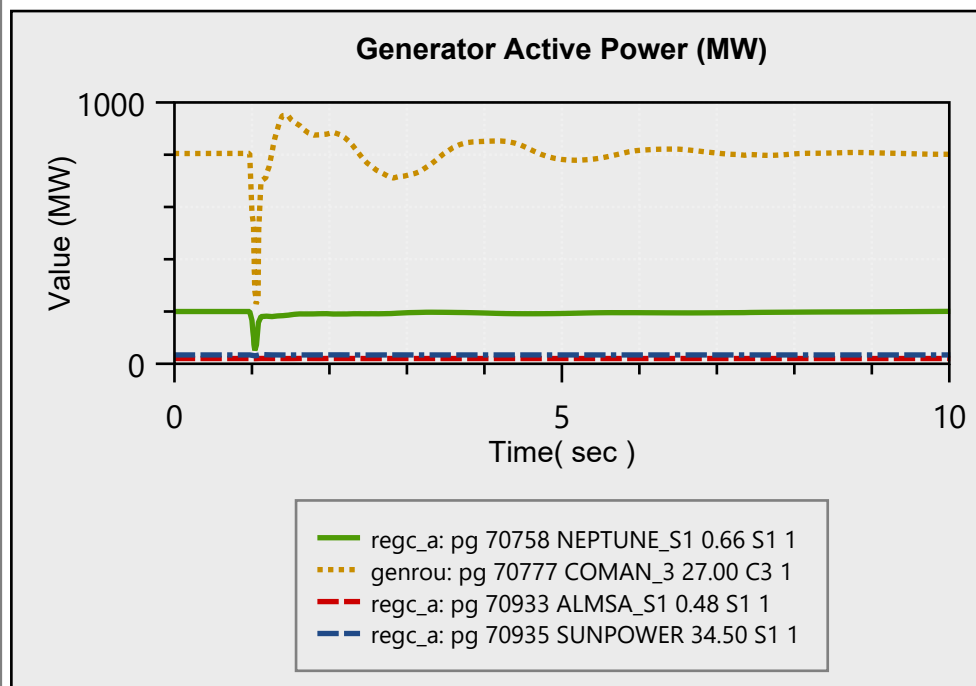
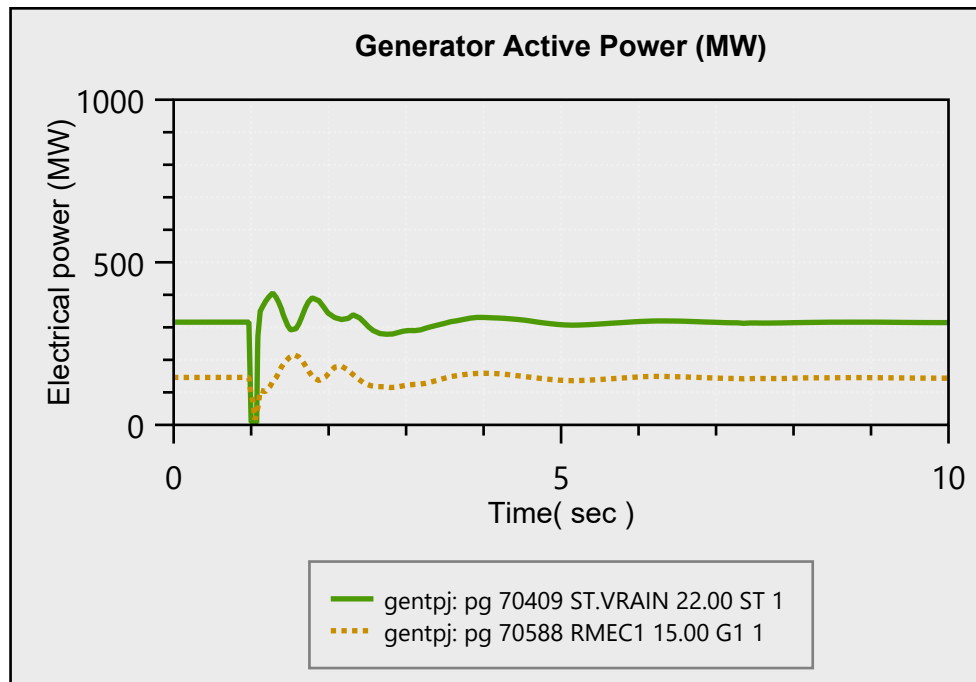
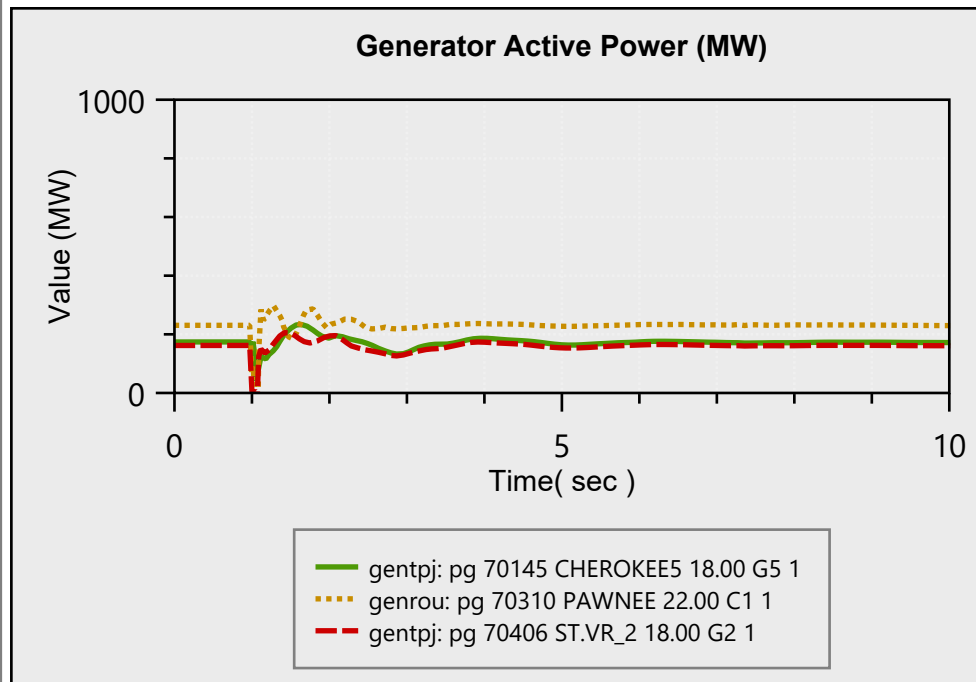
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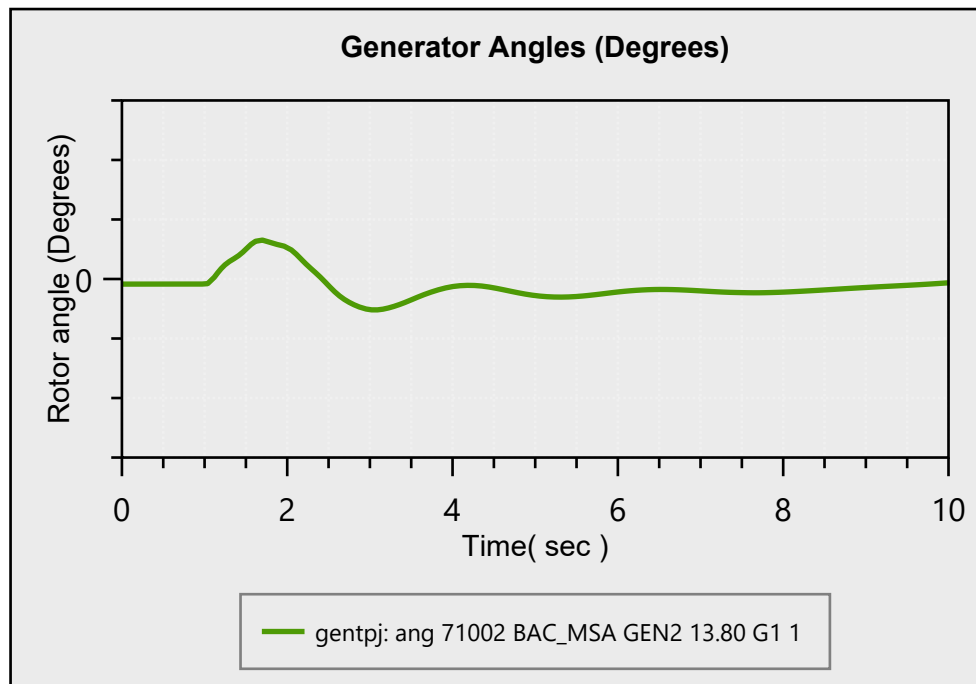
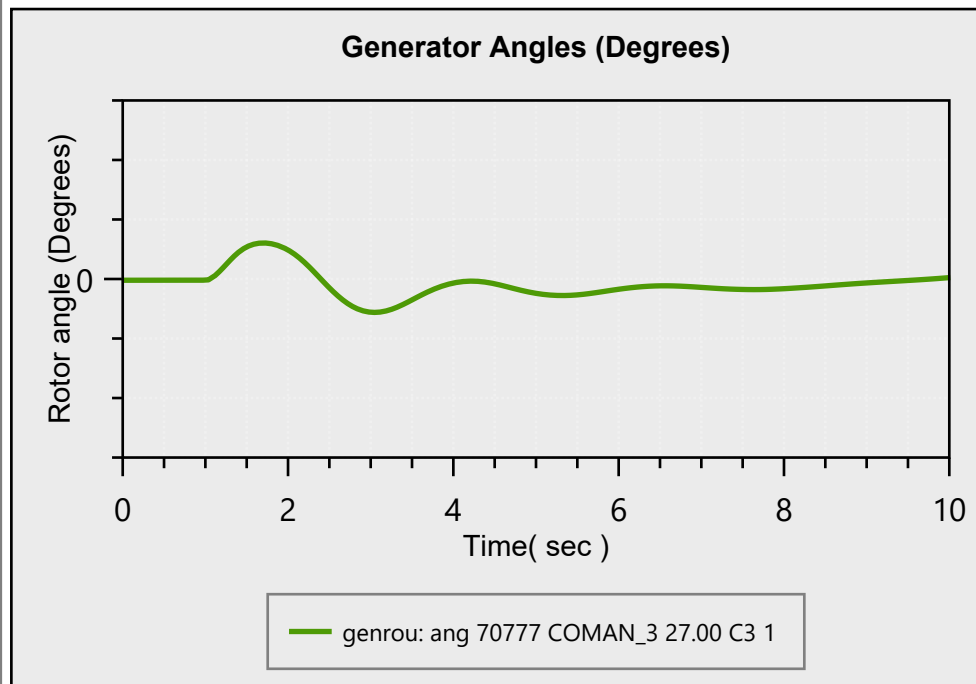
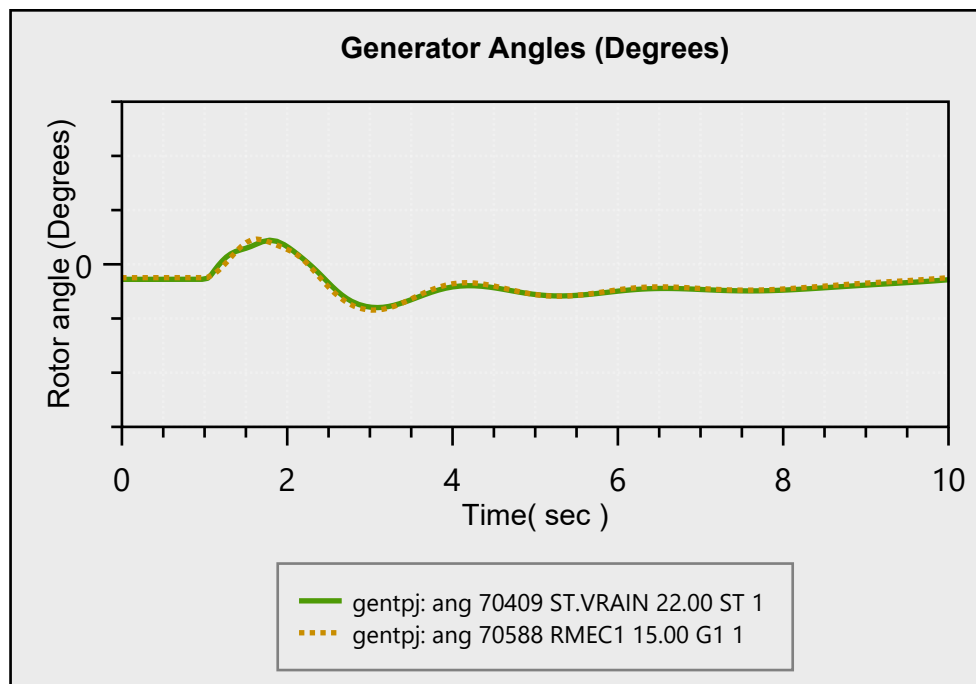
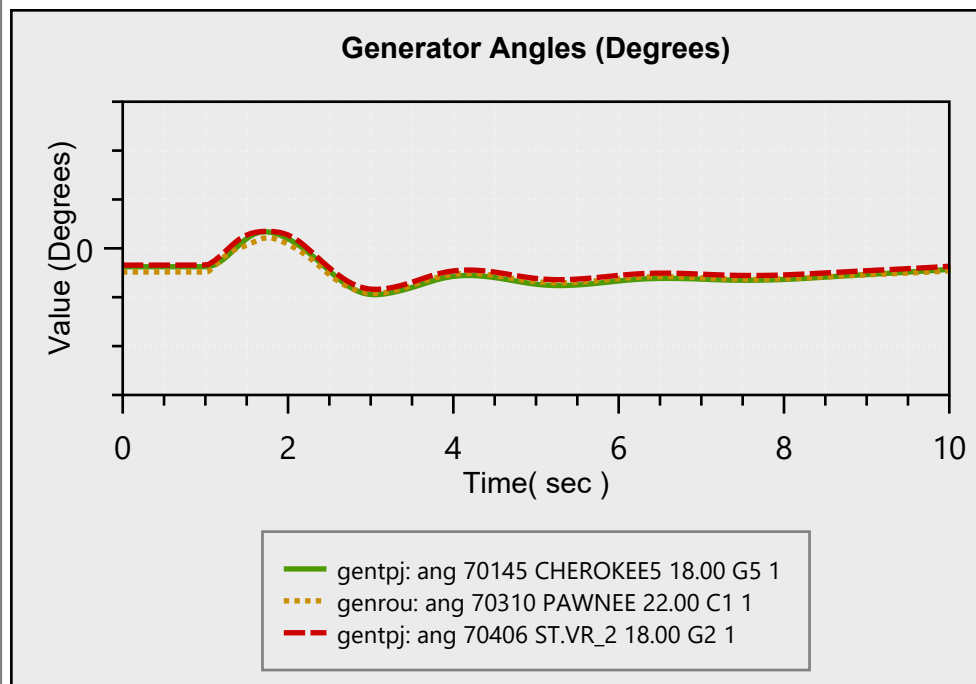
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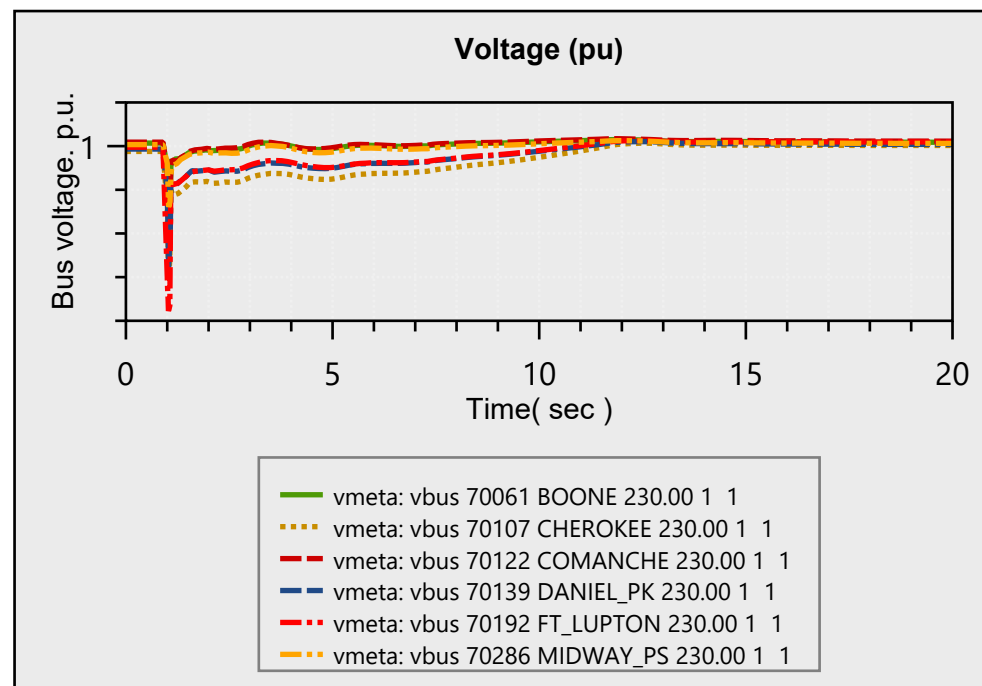
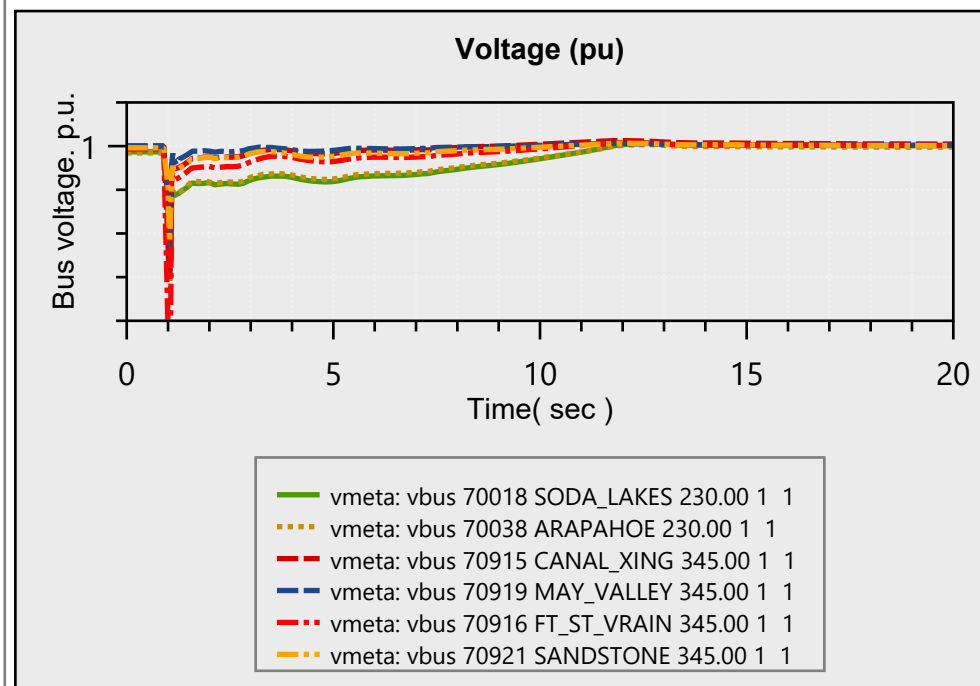
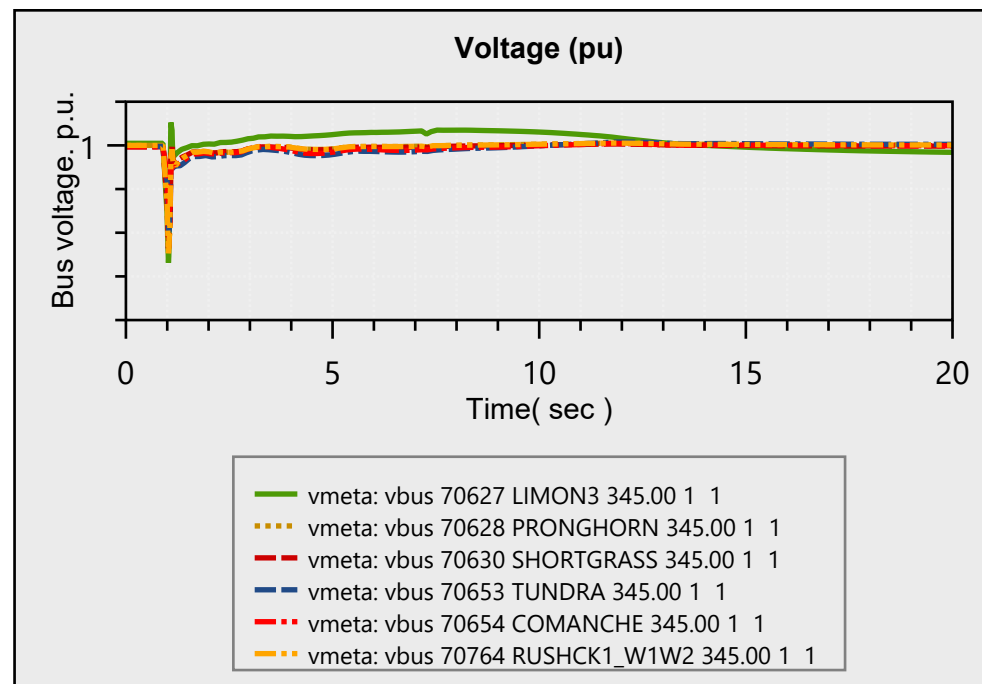
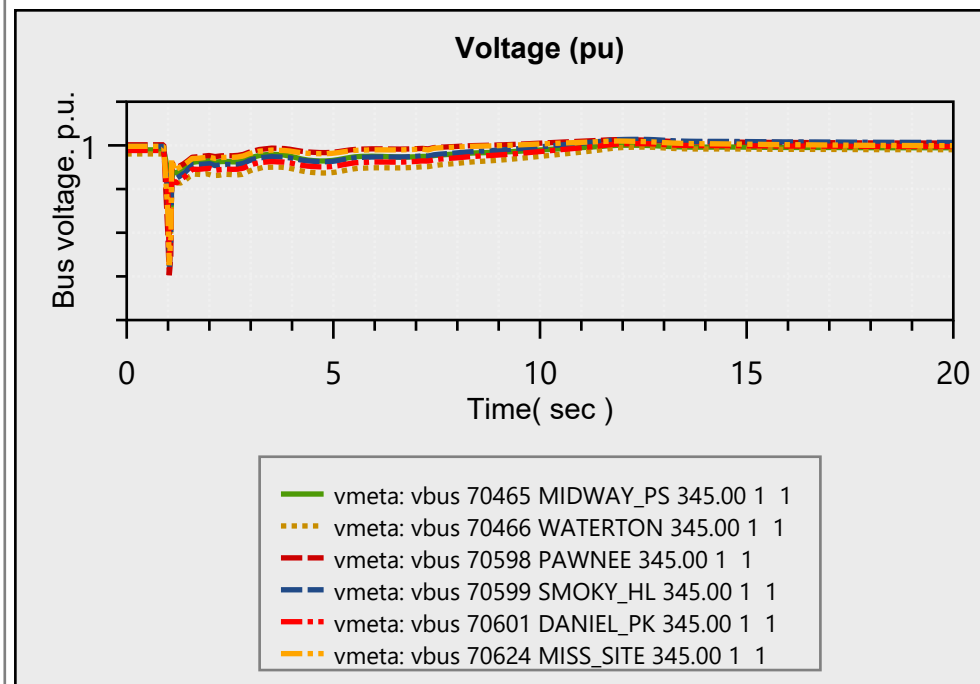
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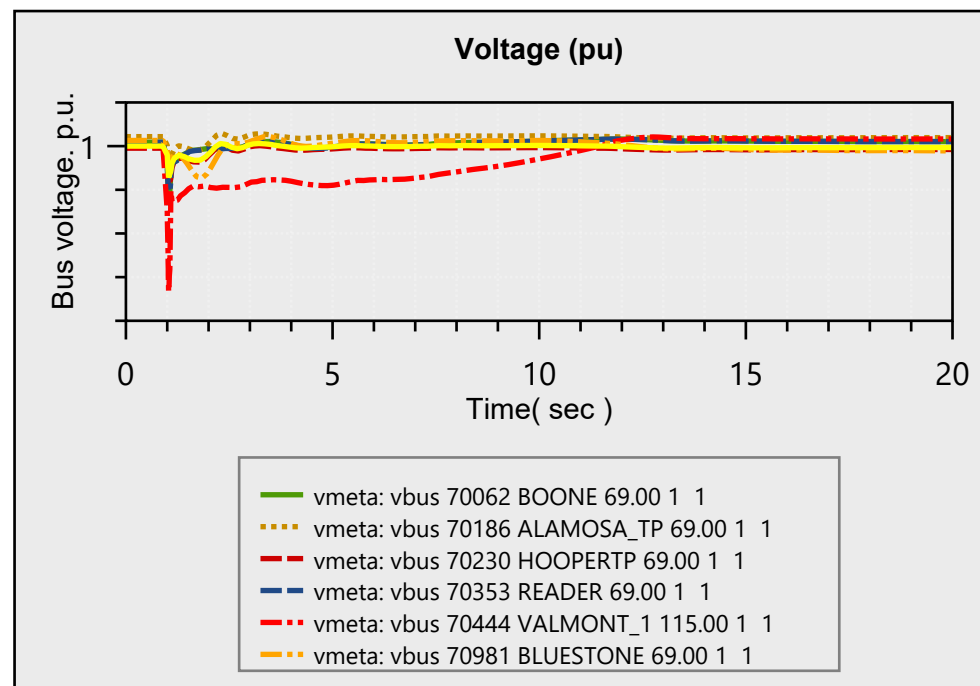
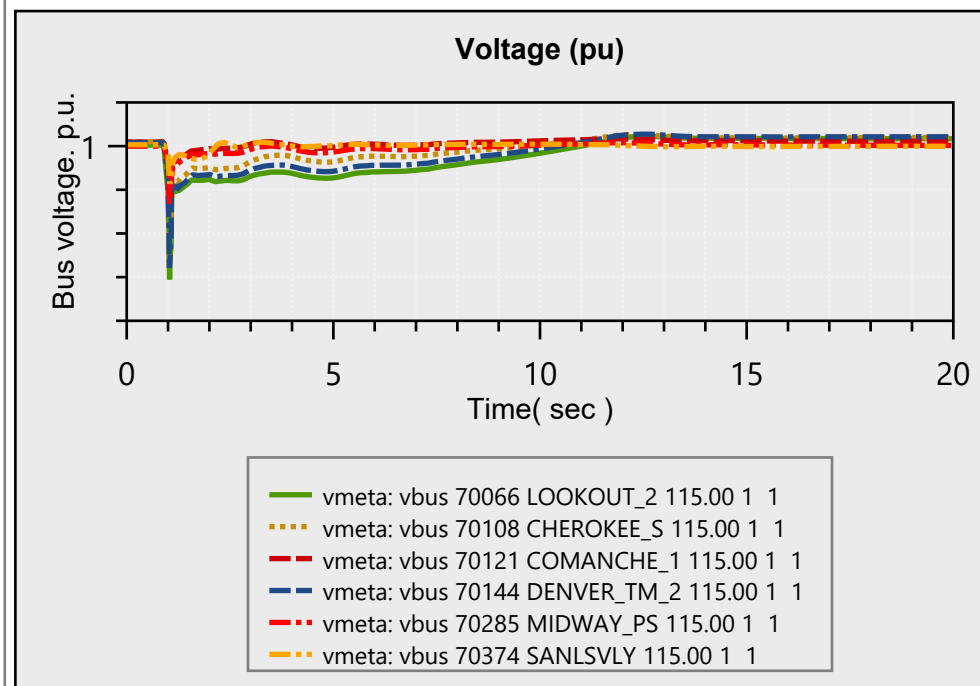
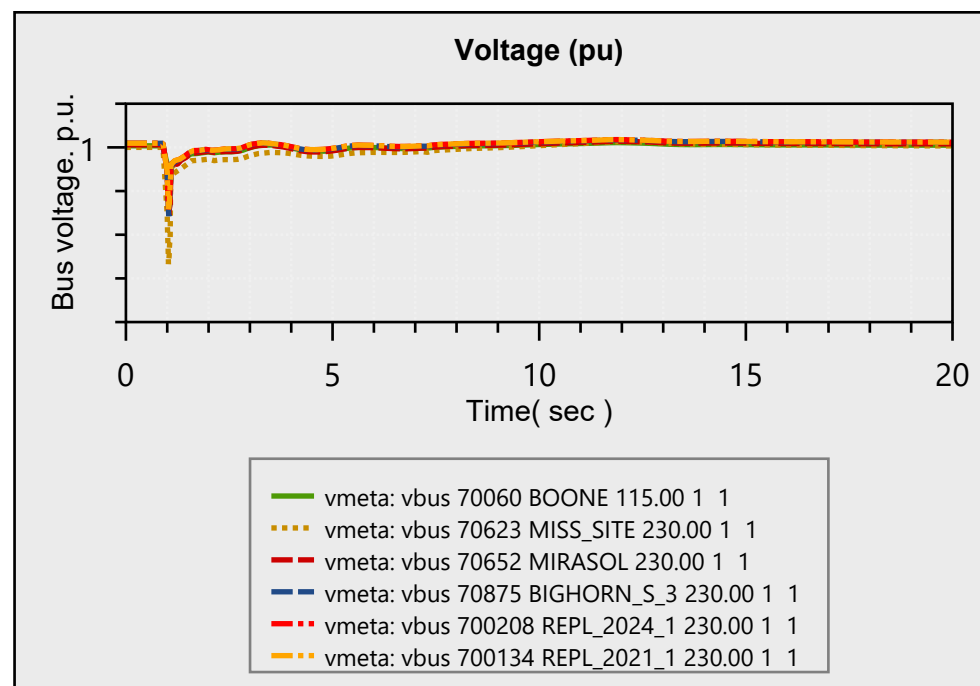
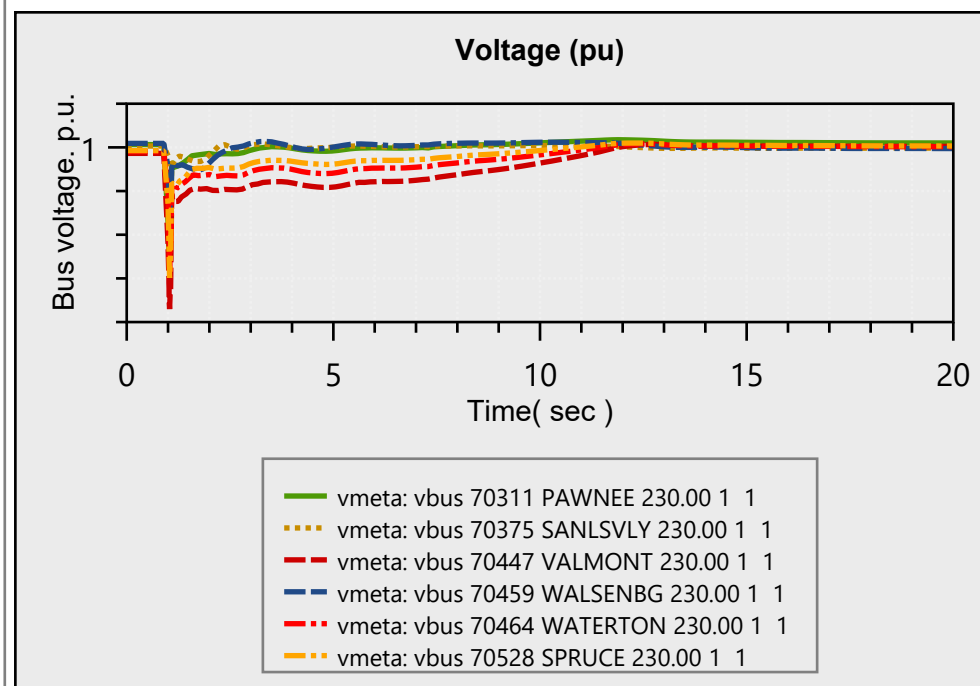
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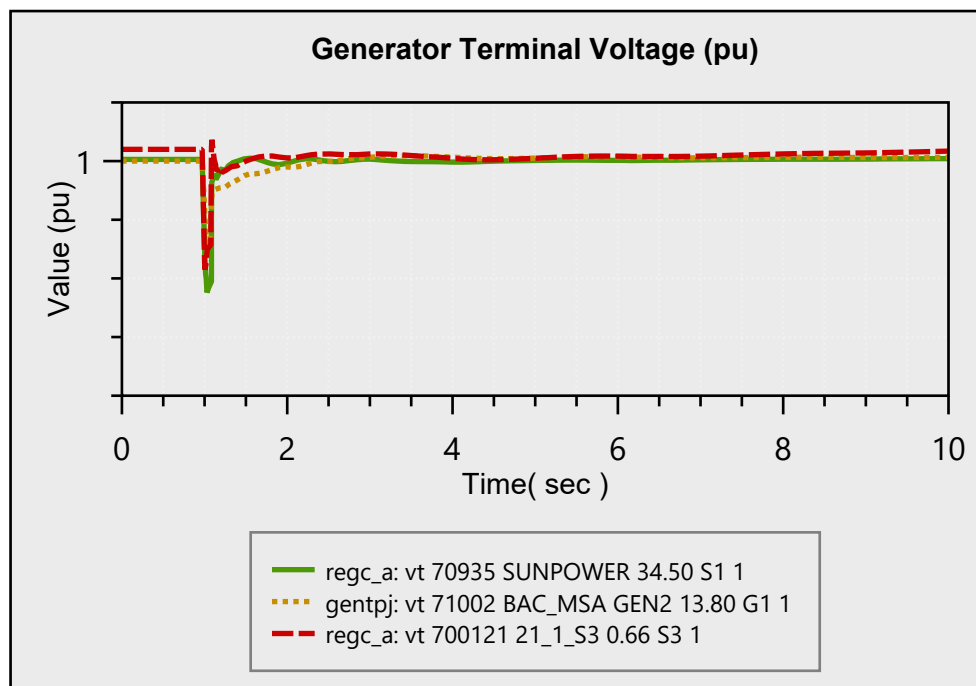
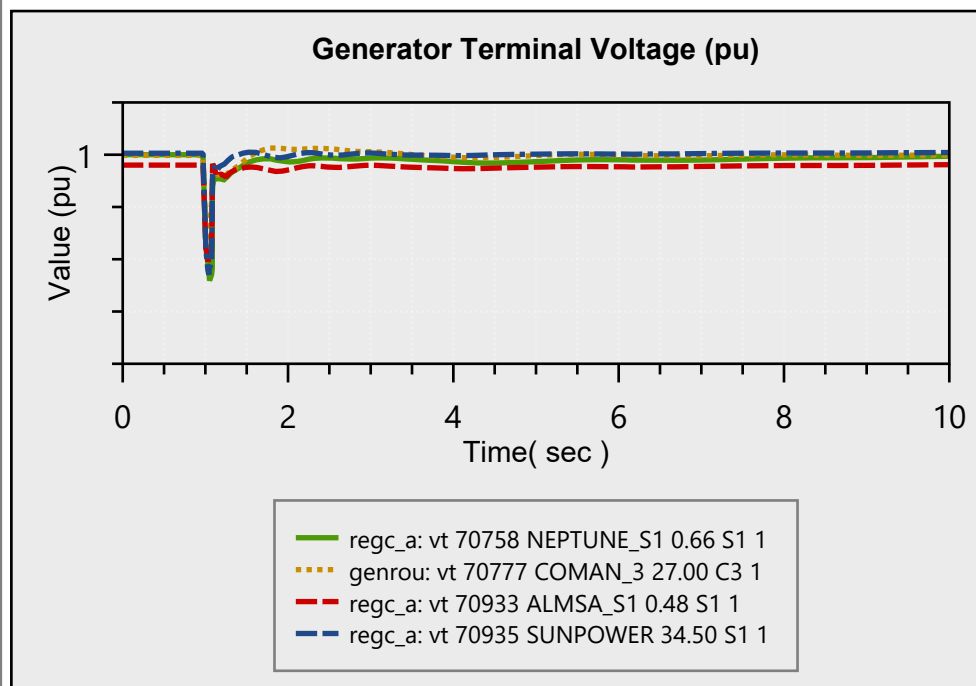
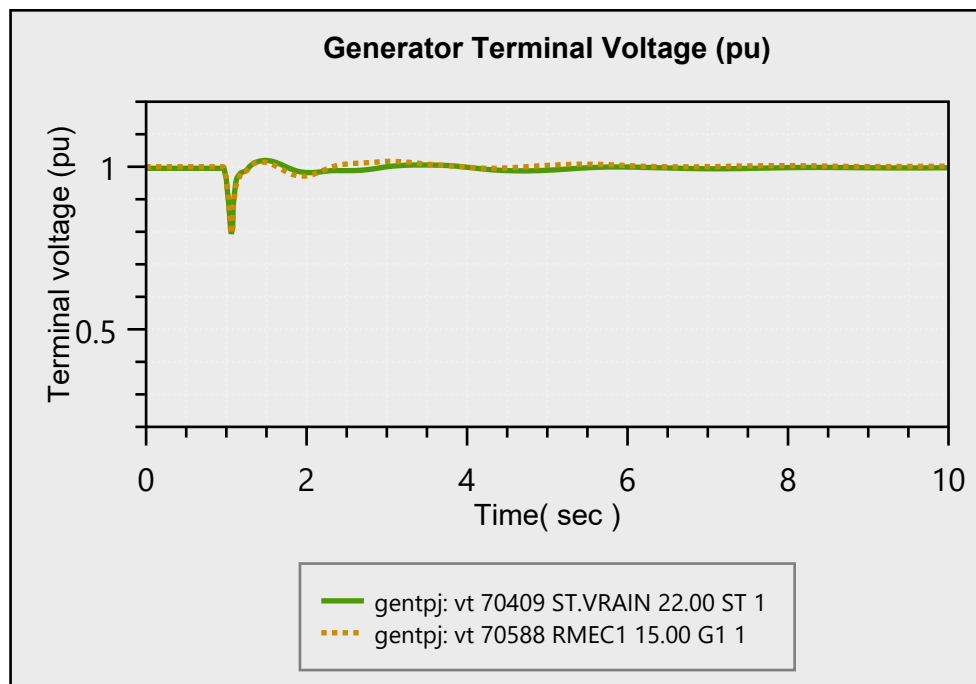
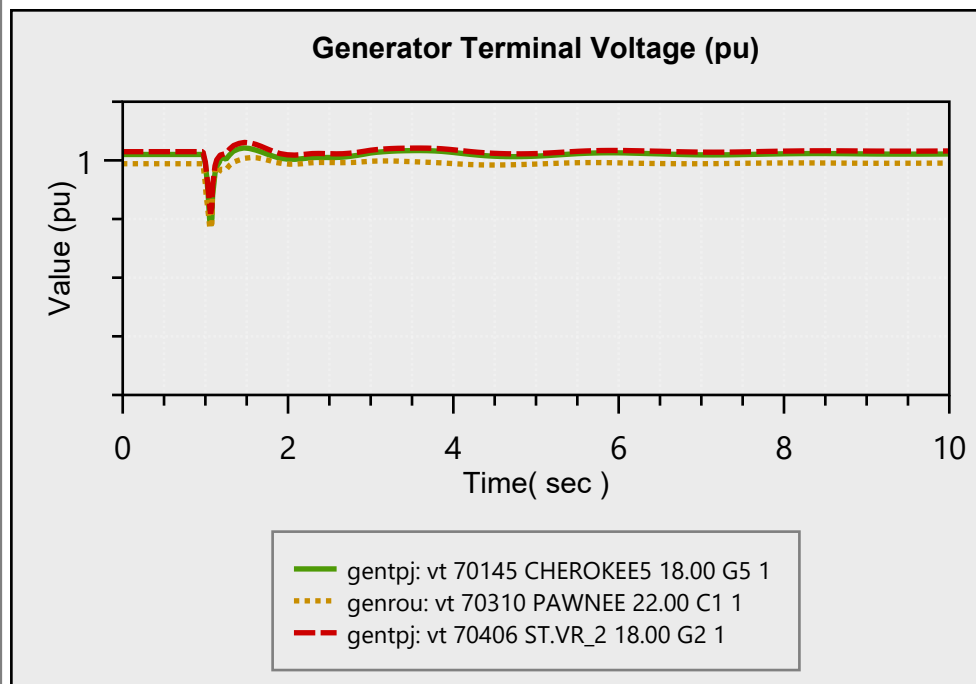
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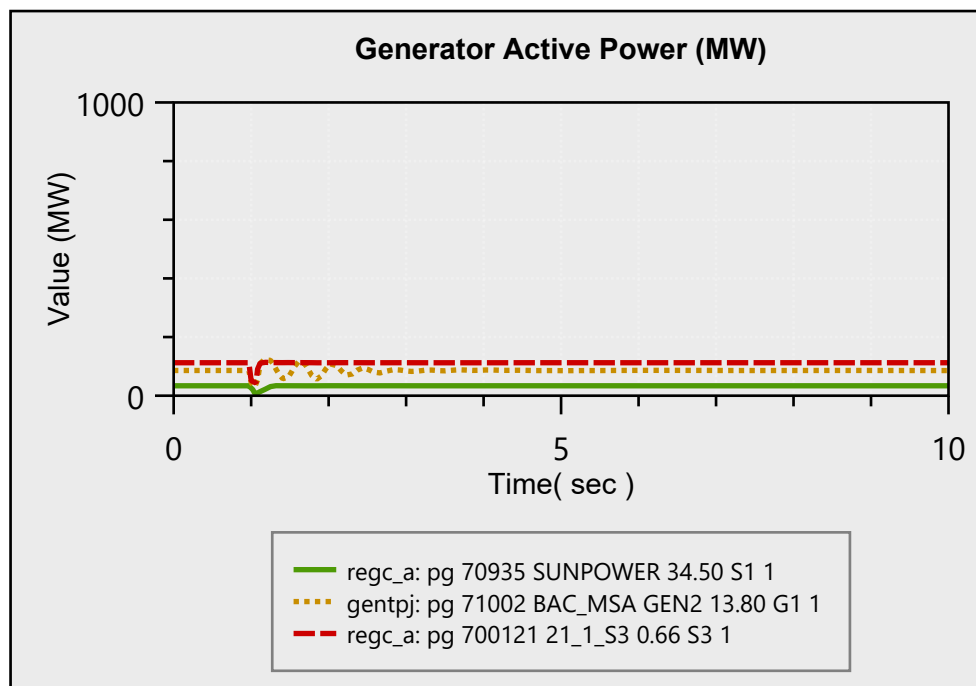
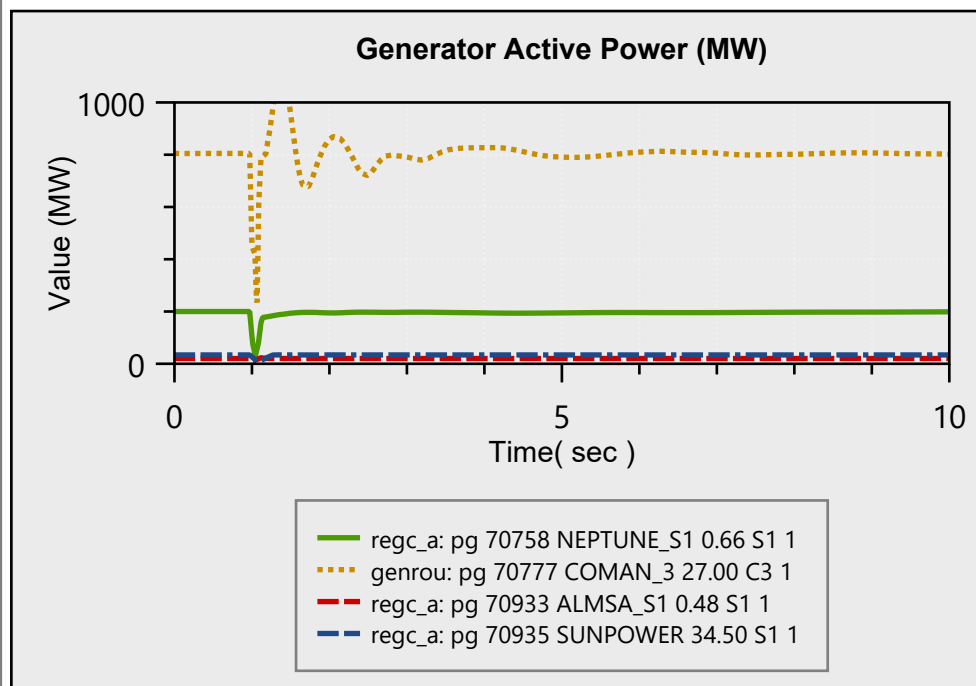
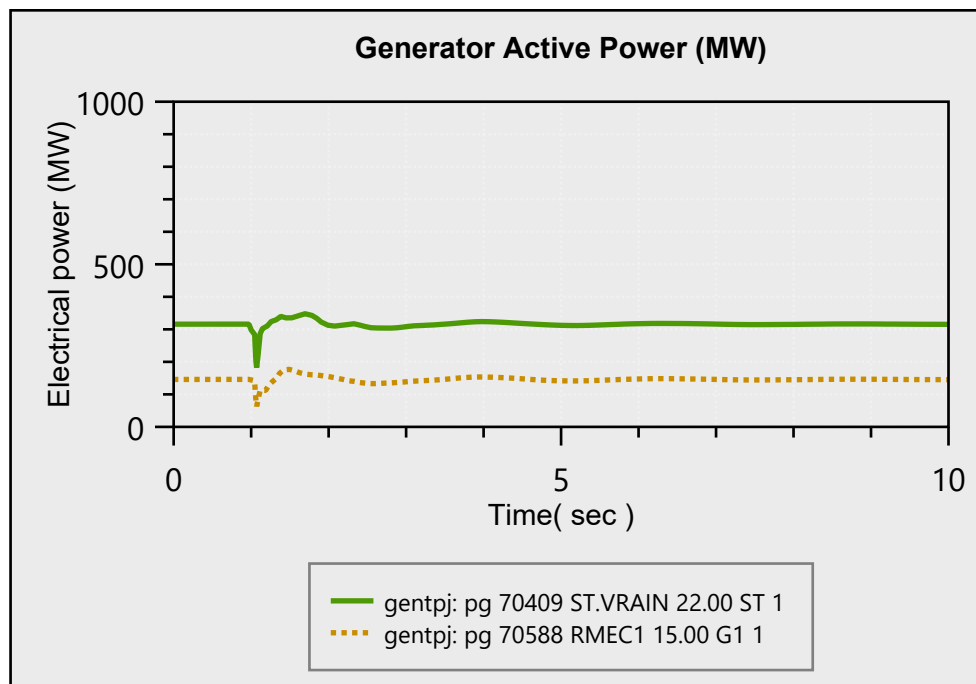
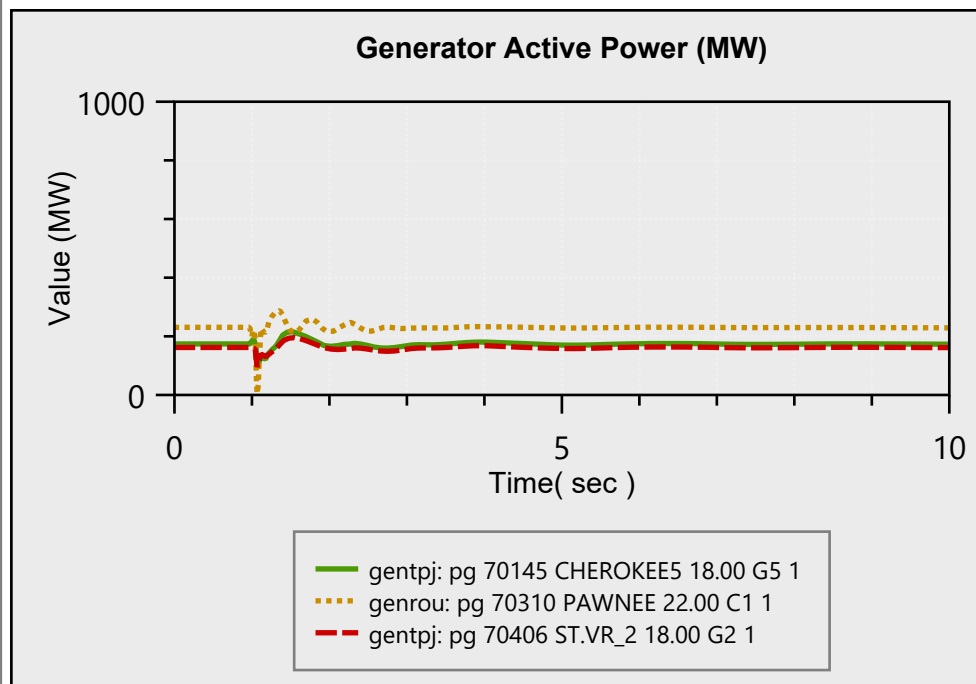
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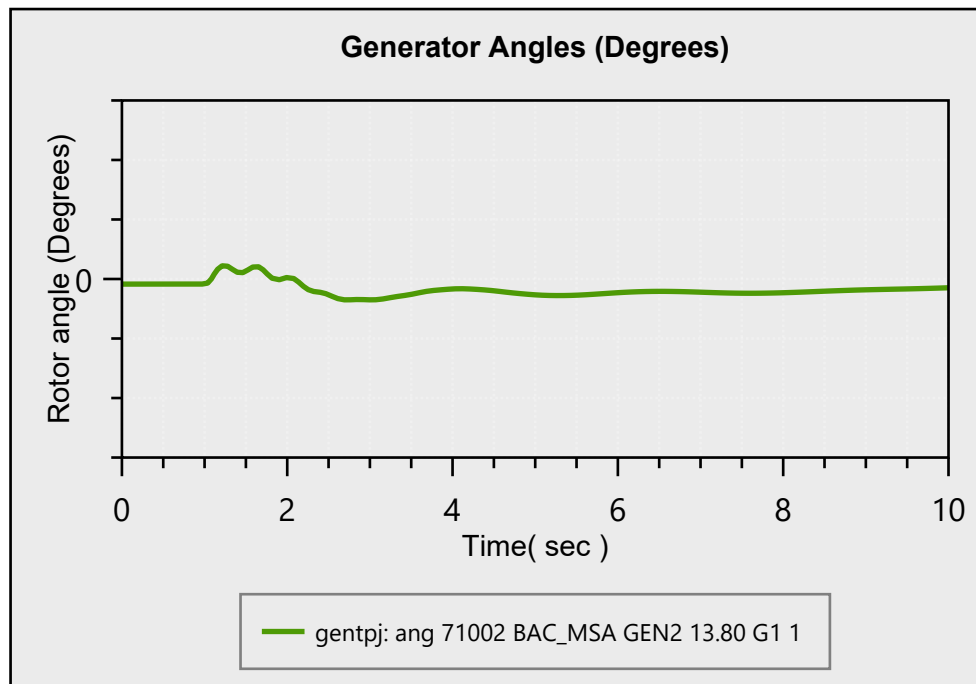
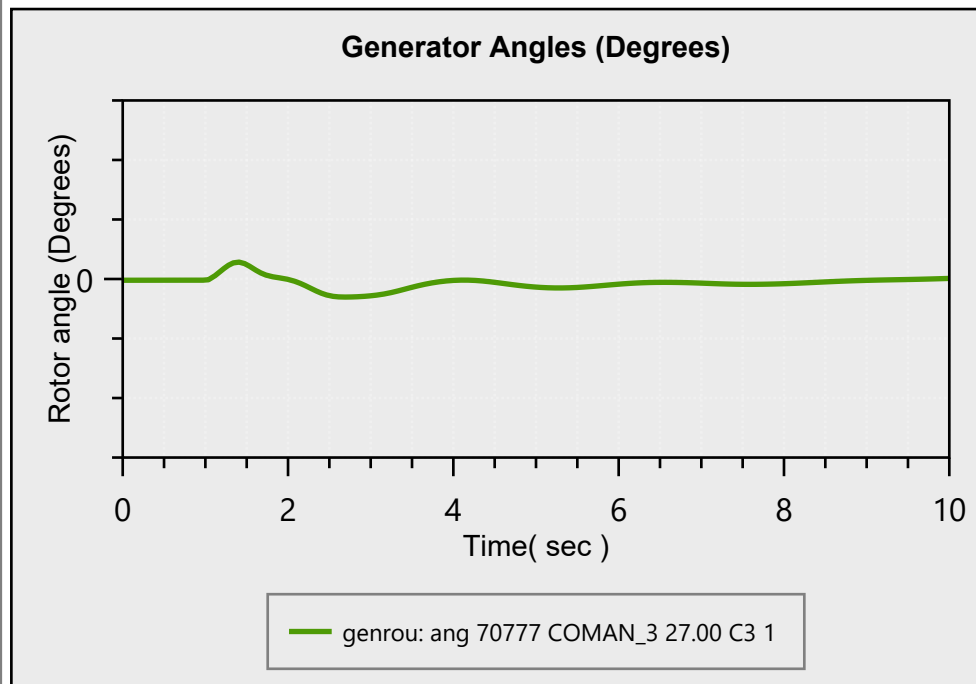
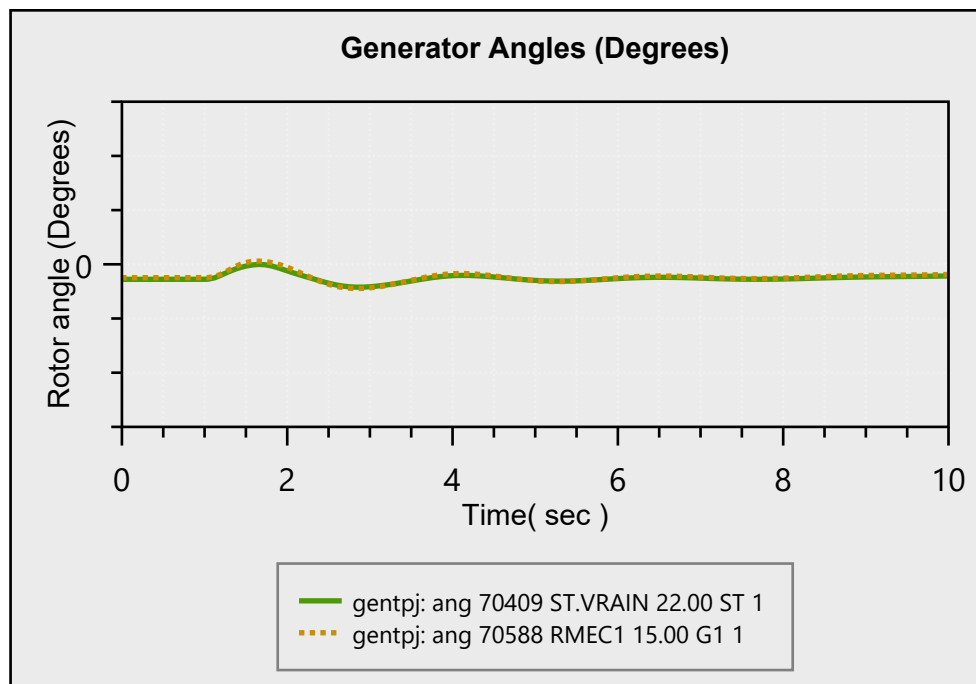
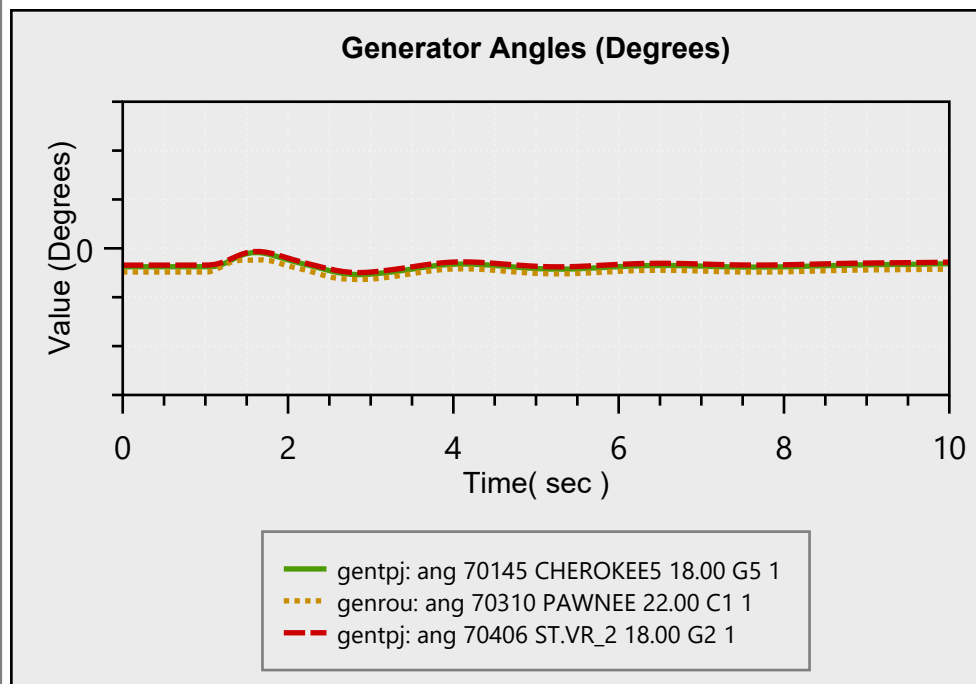
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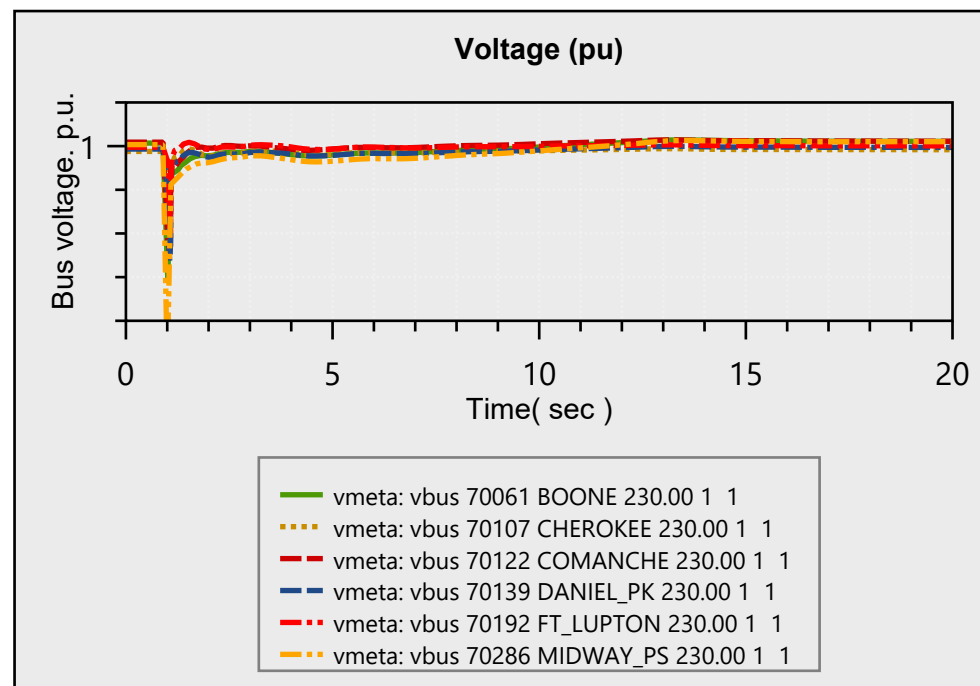
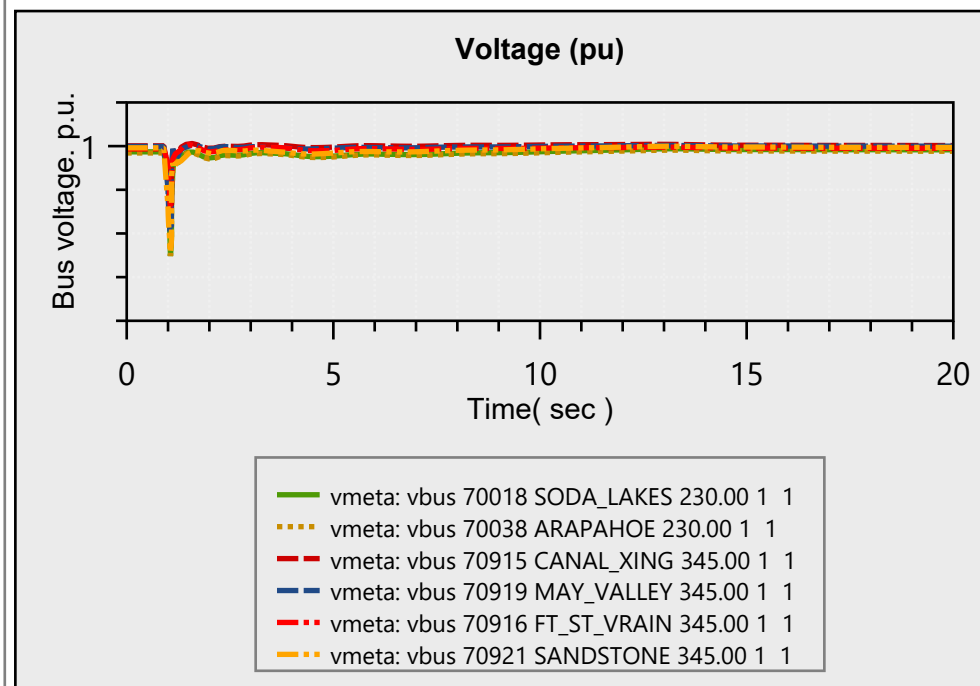
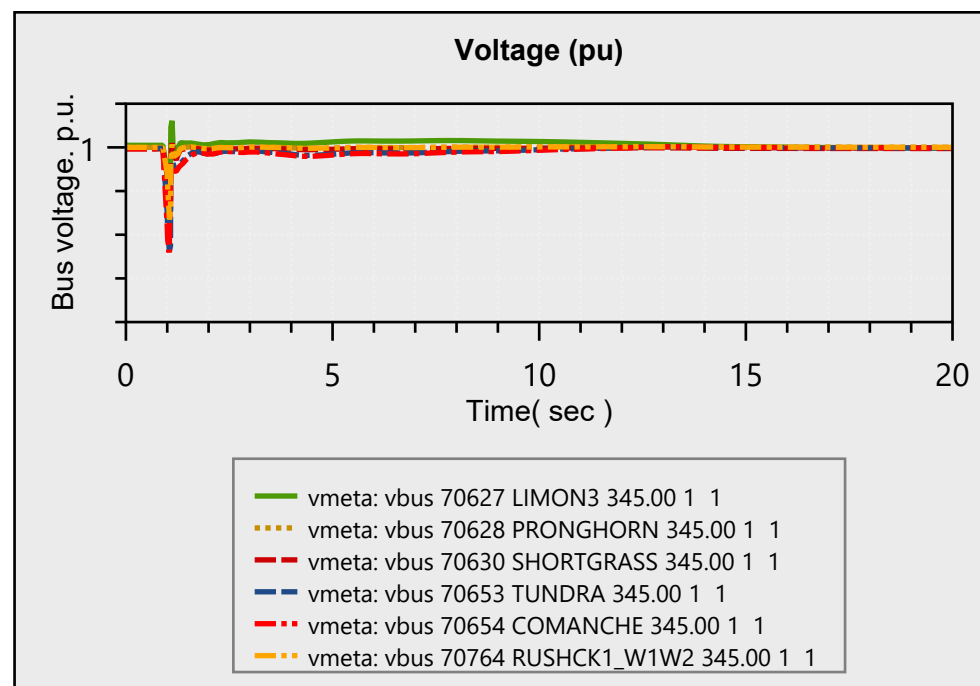
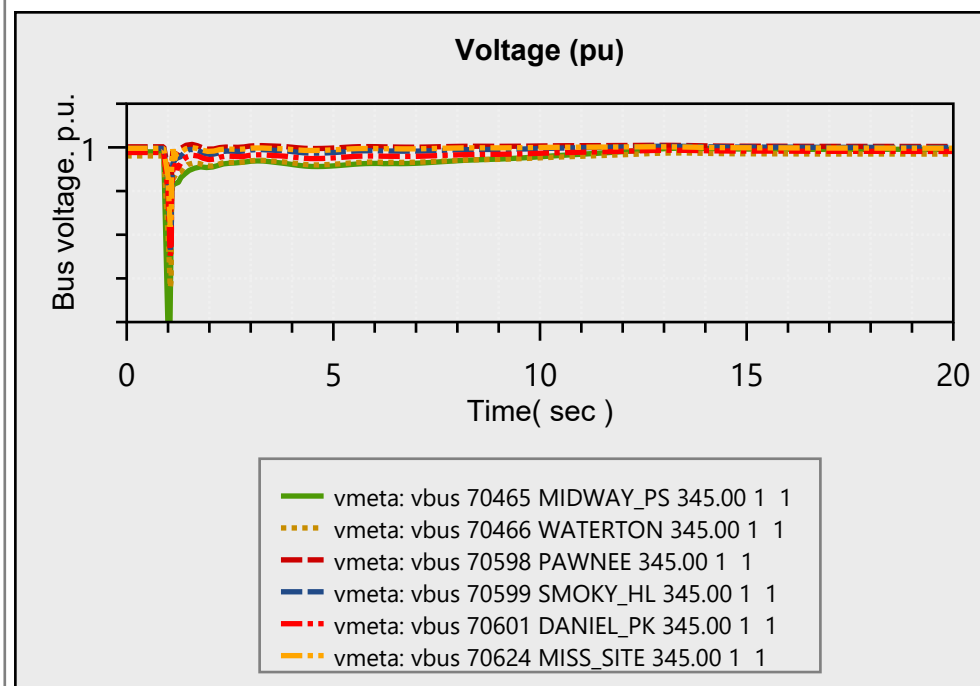
OUTPUTS



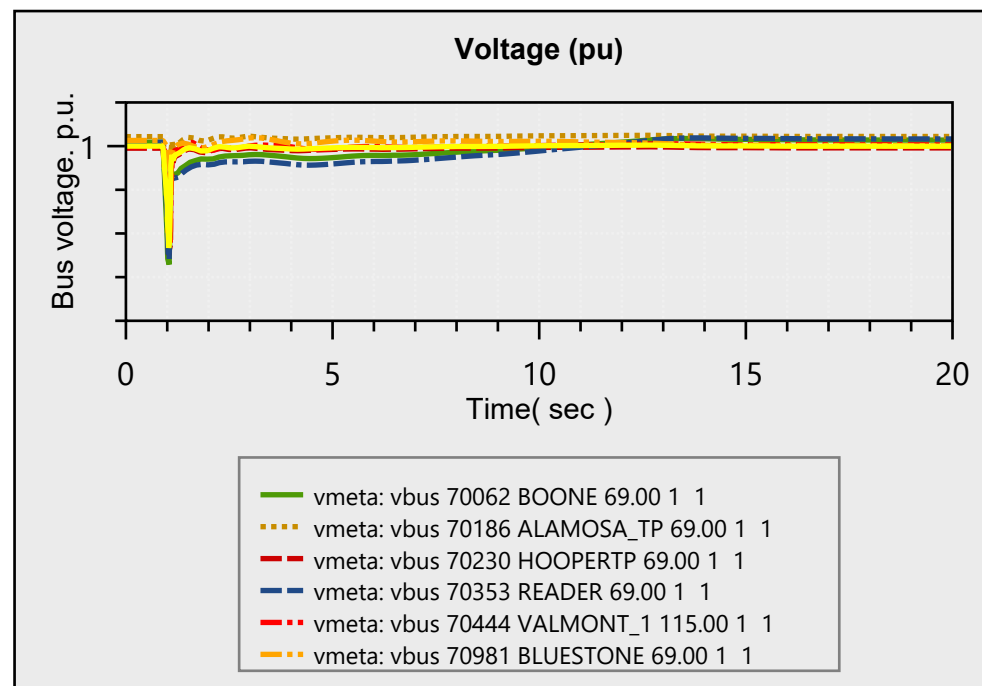
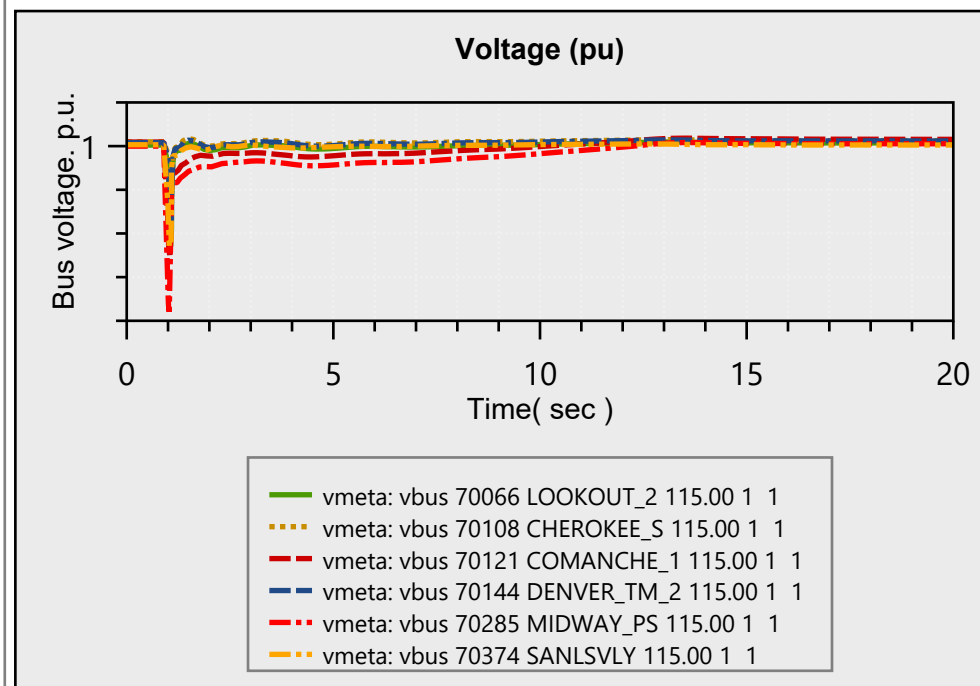
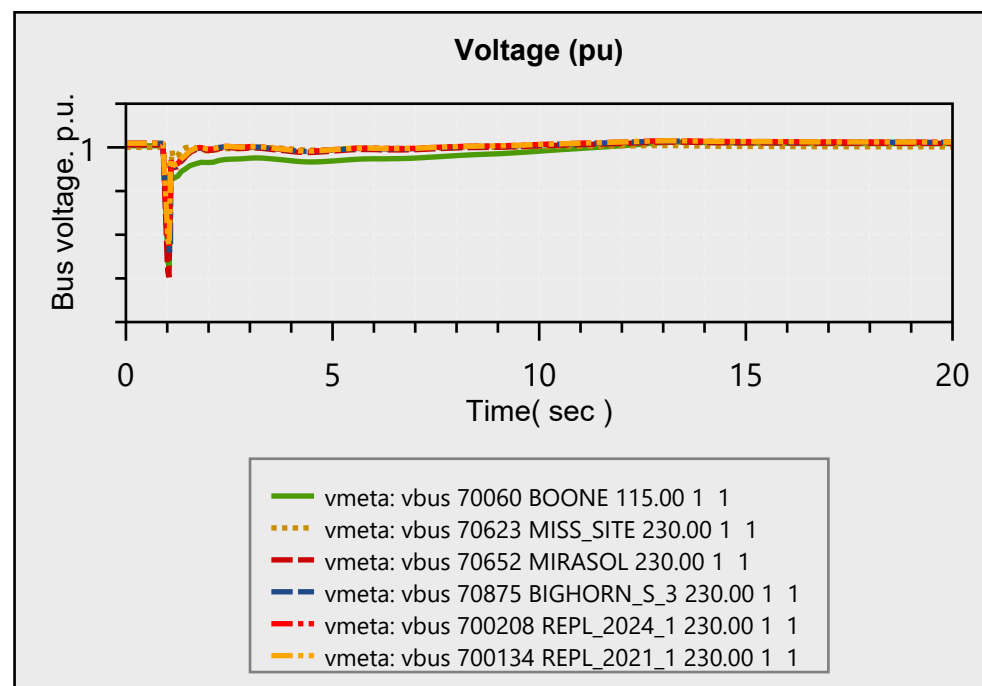
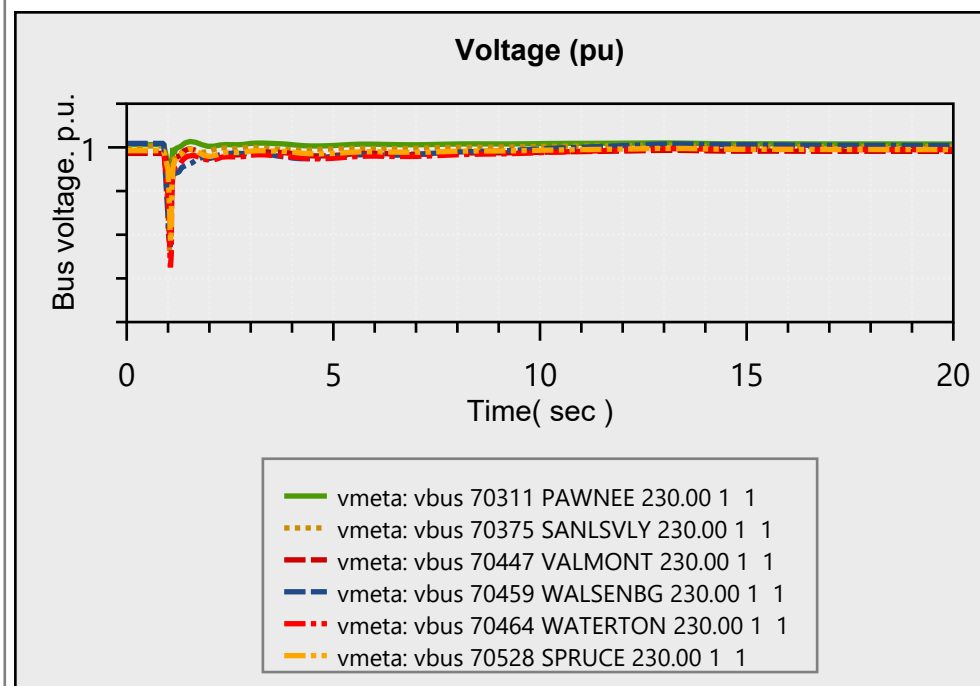
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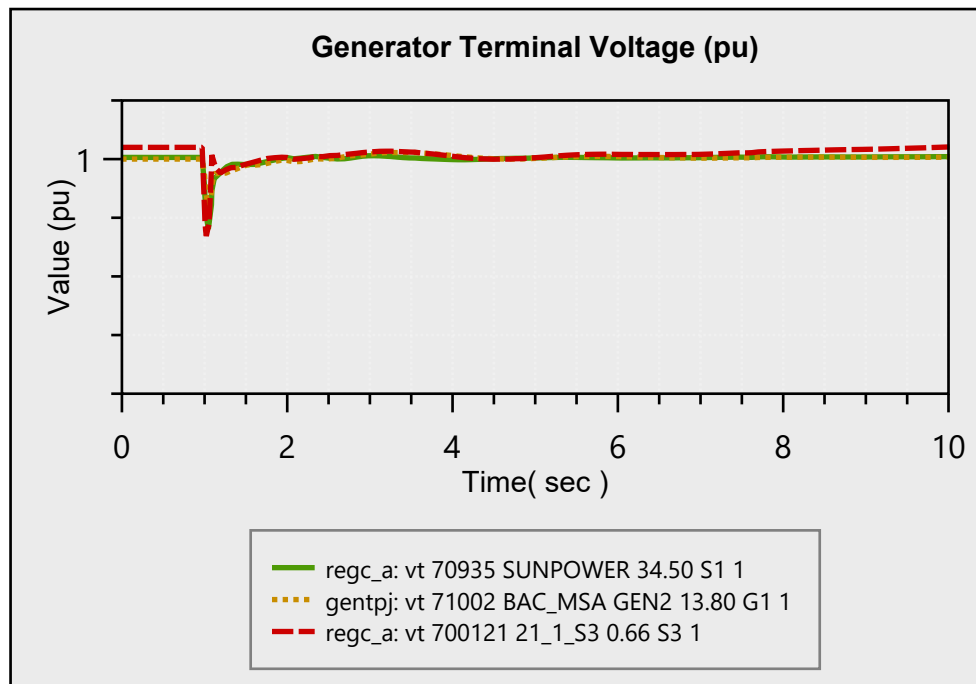
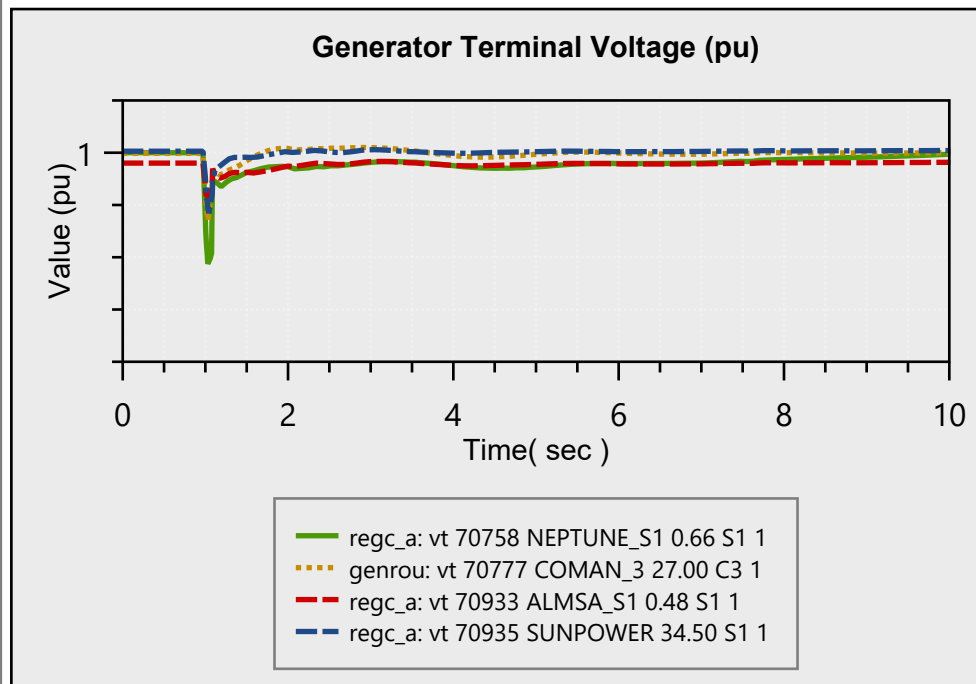
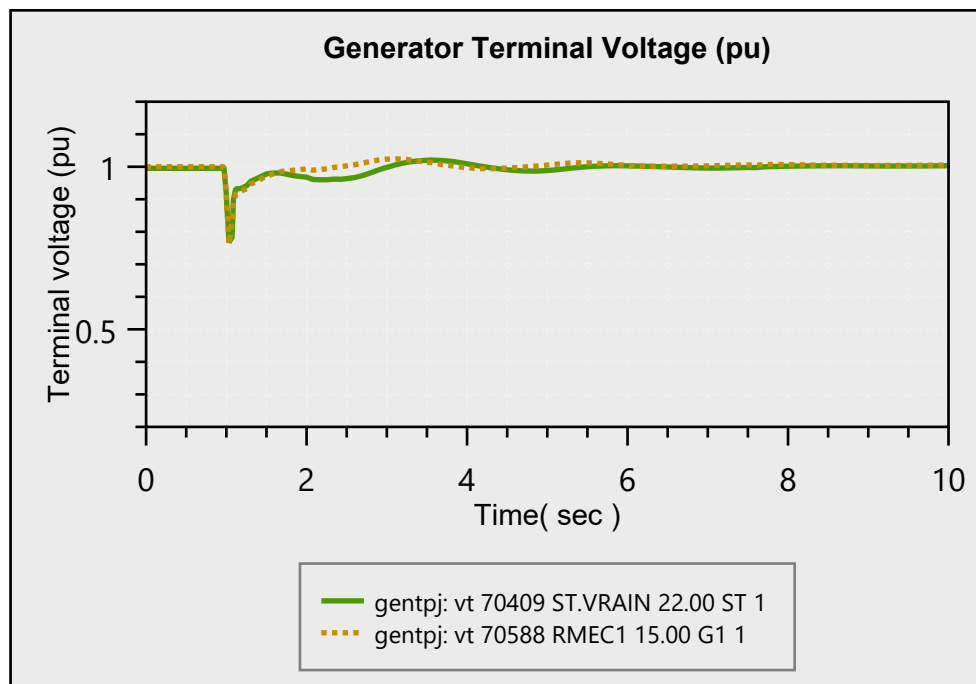
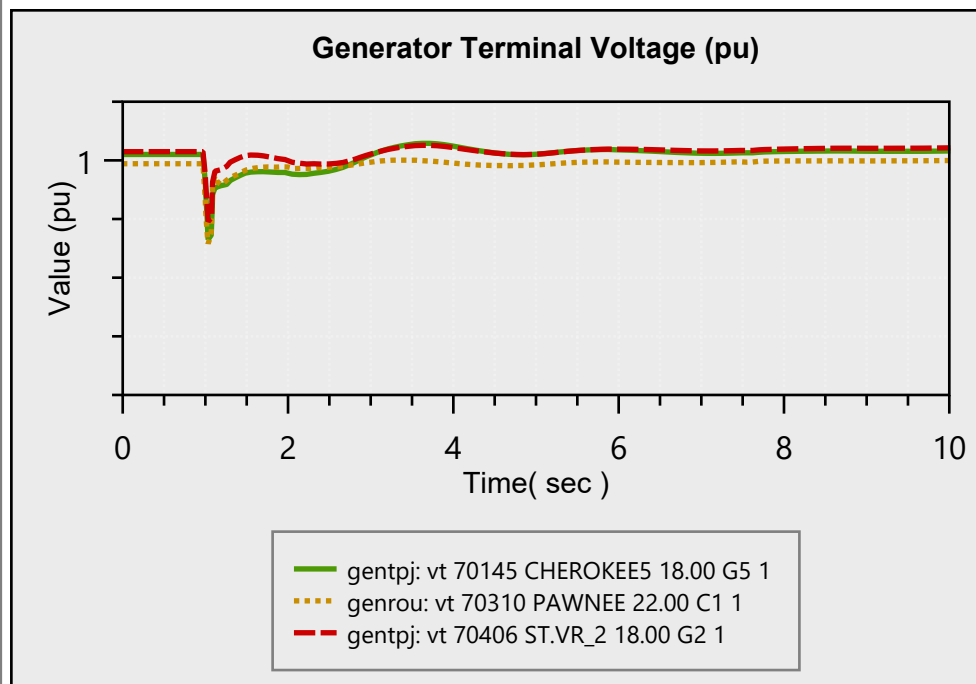
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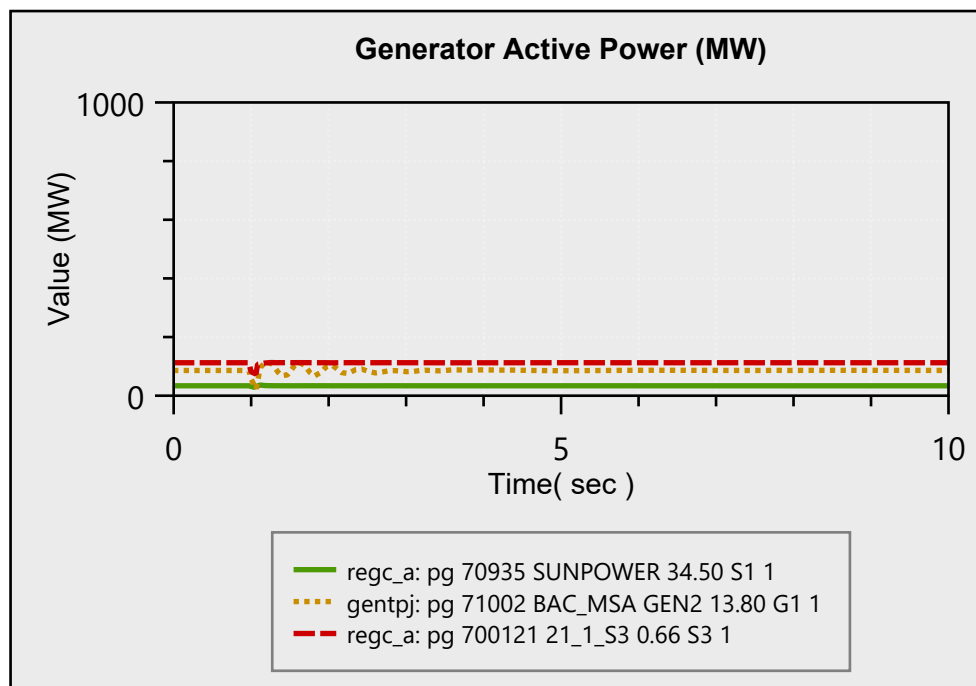
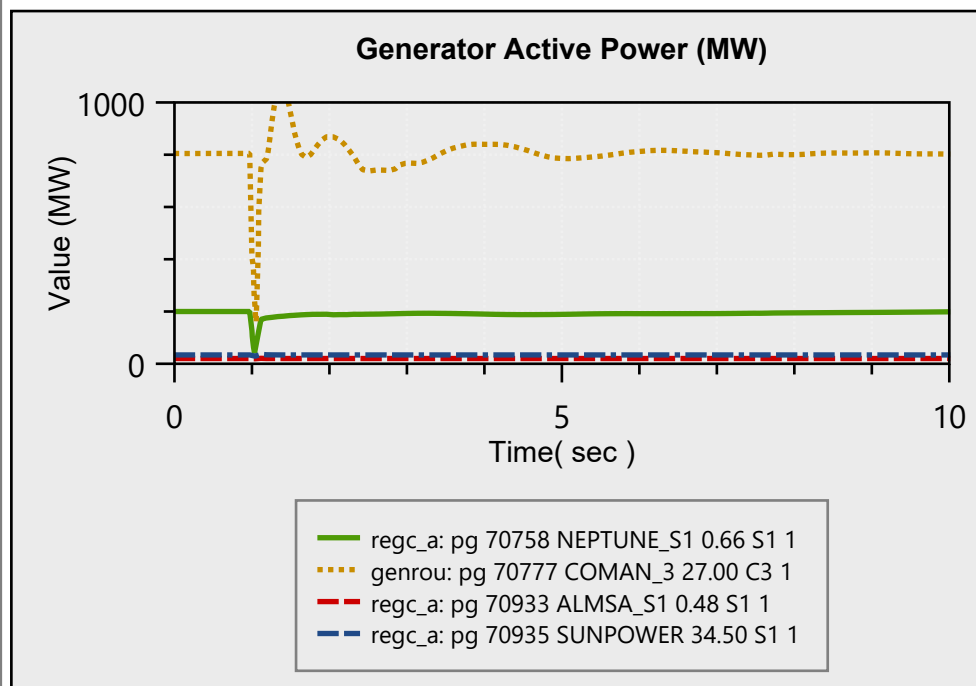
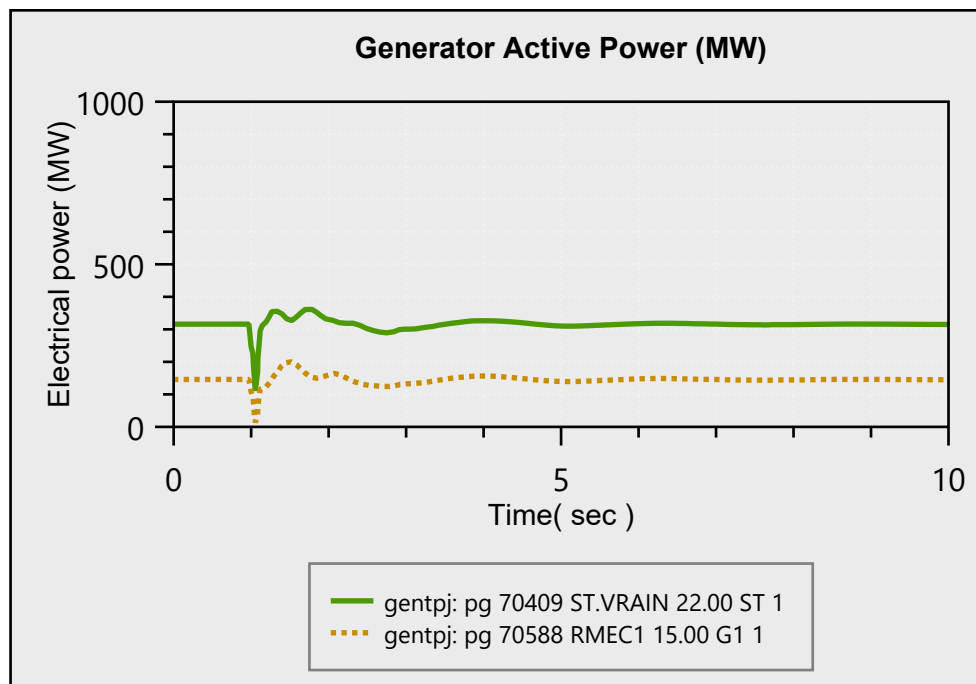
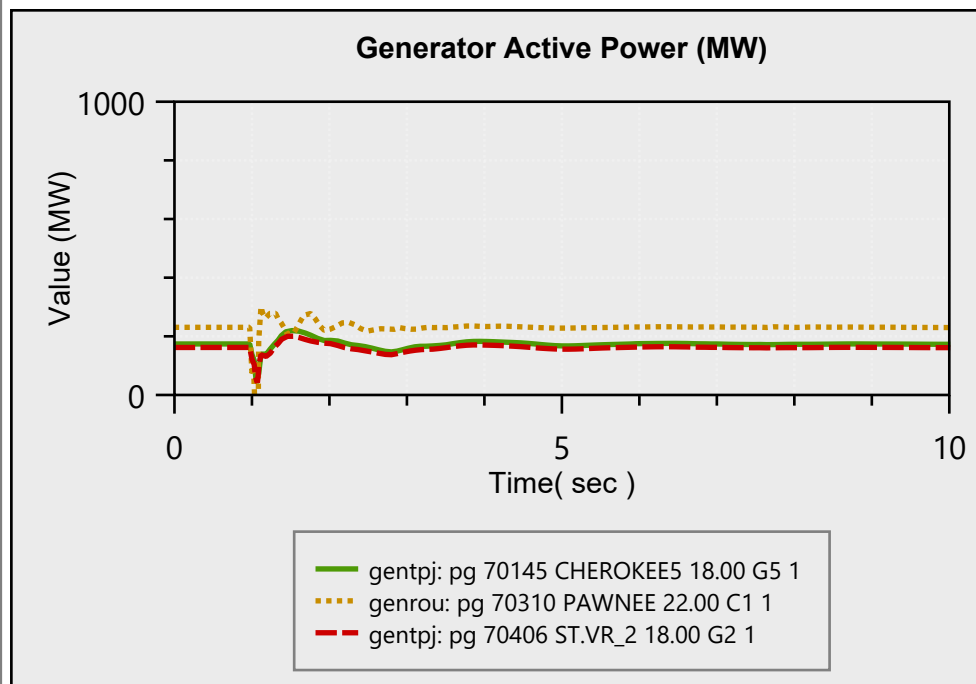
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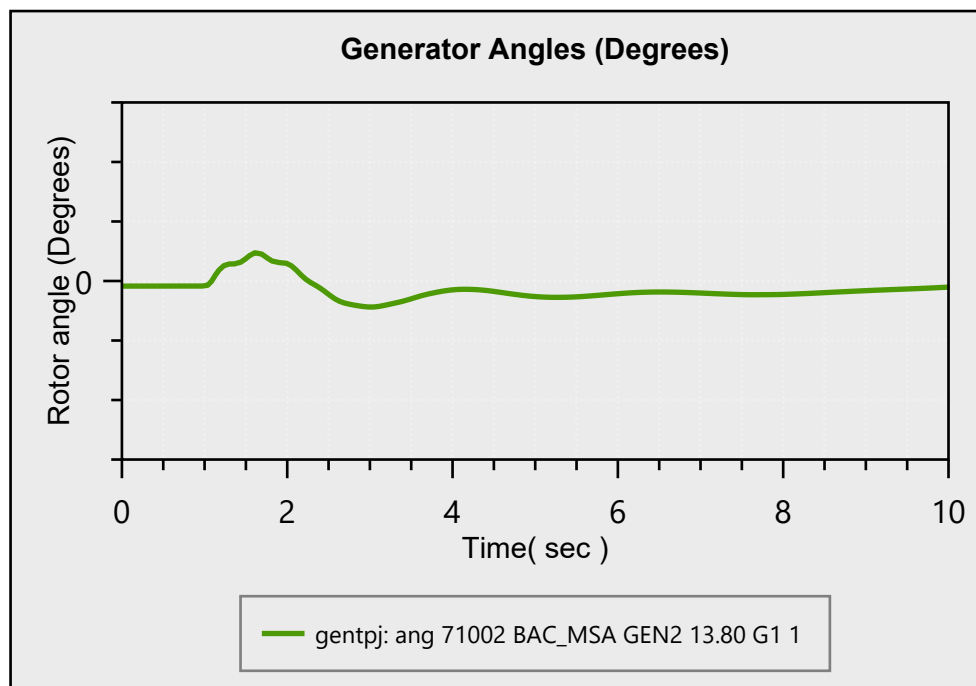
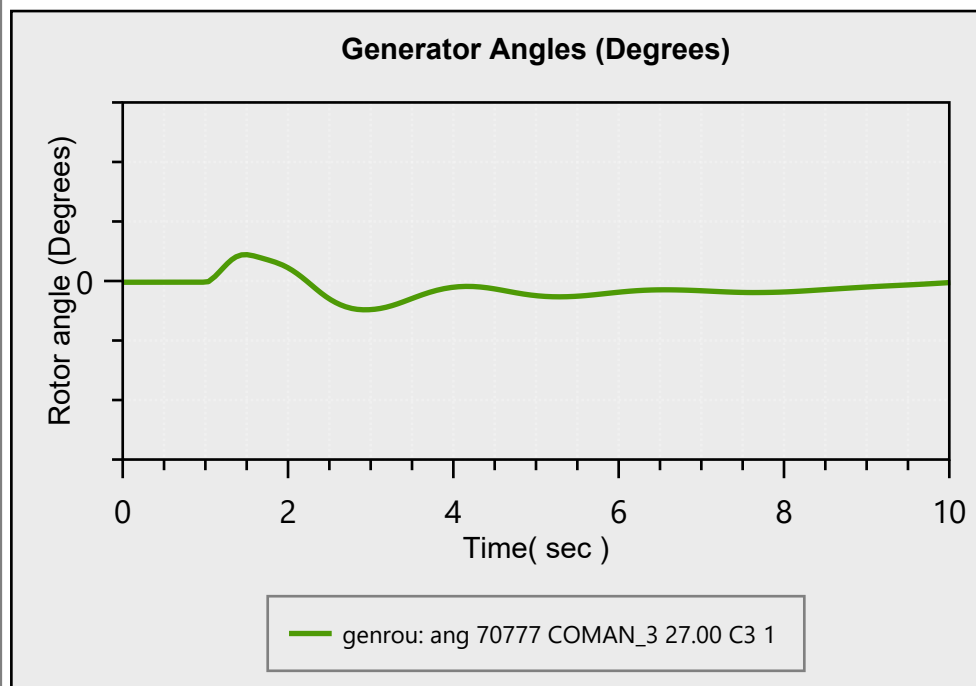
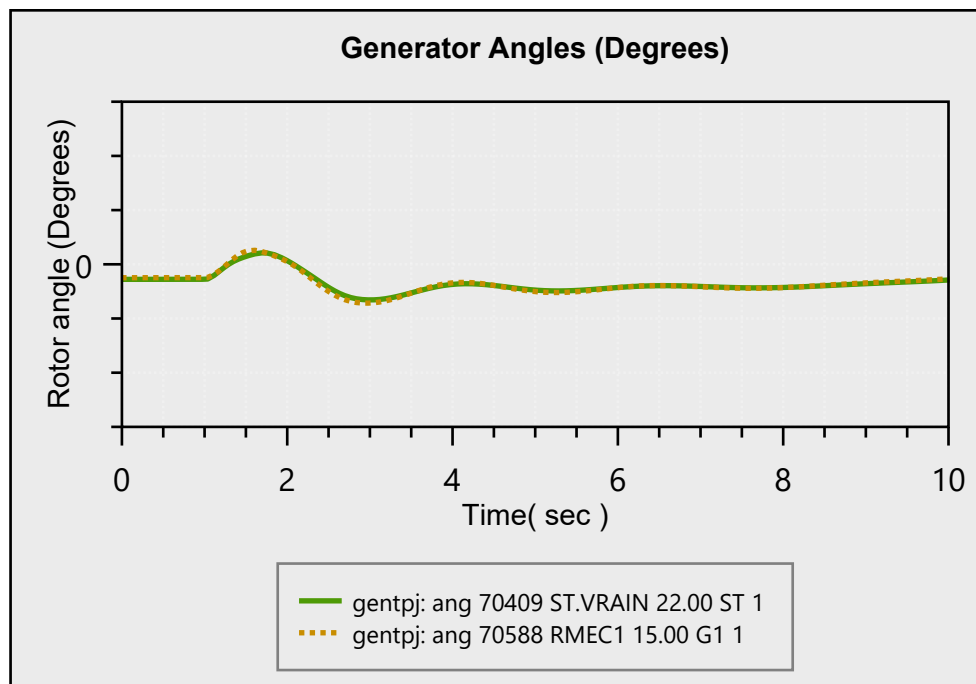
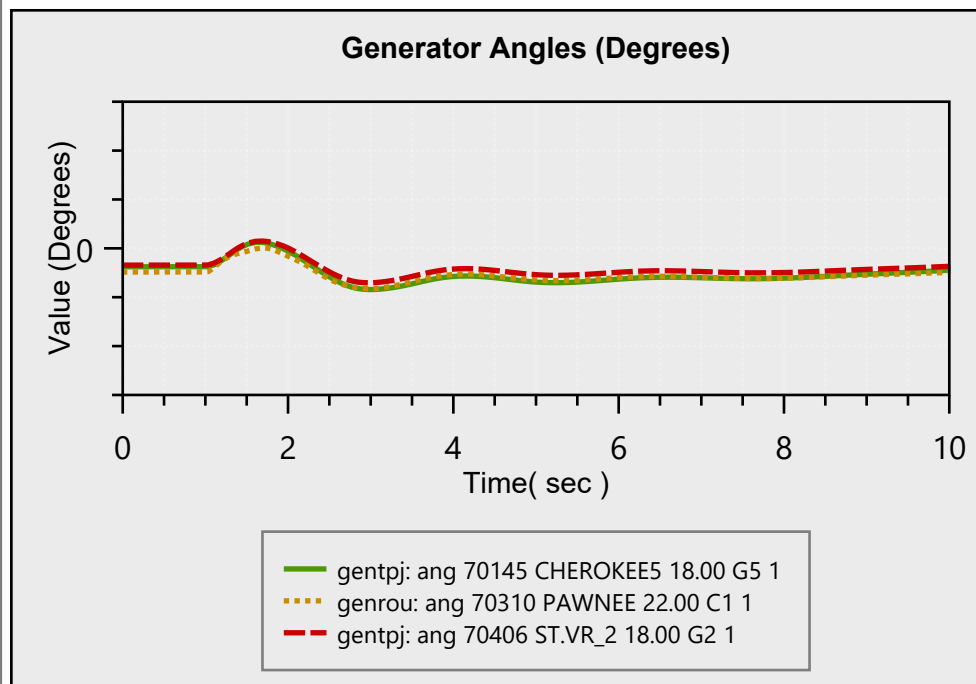
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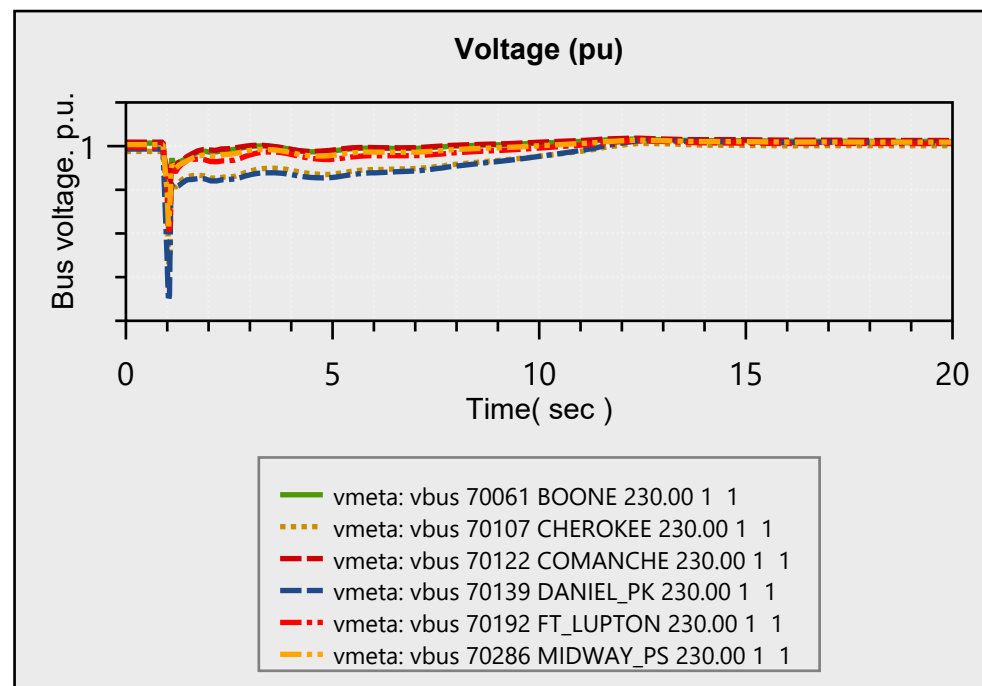
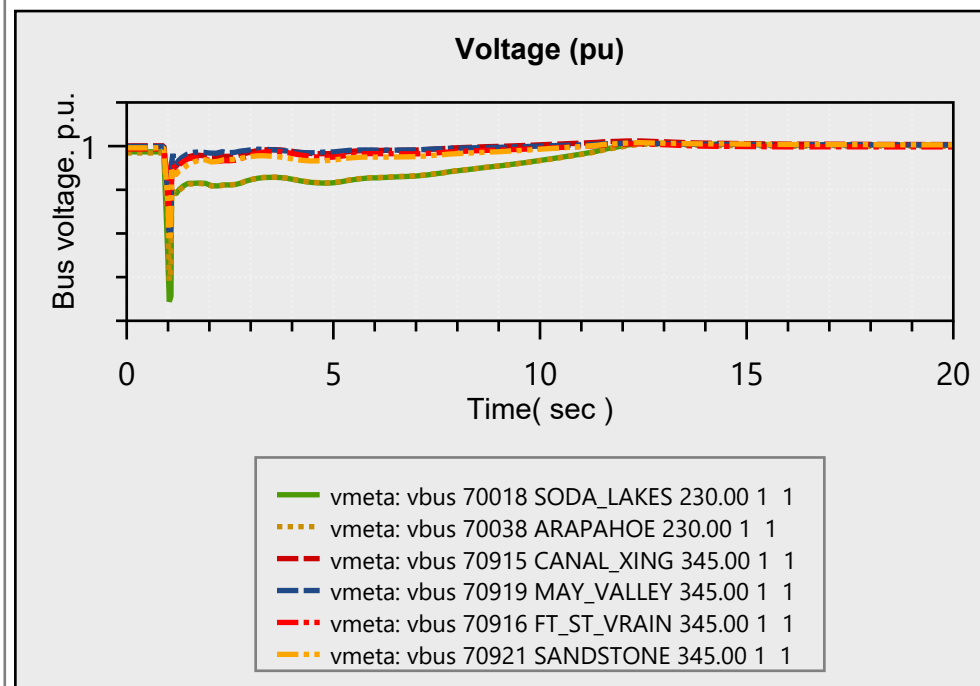
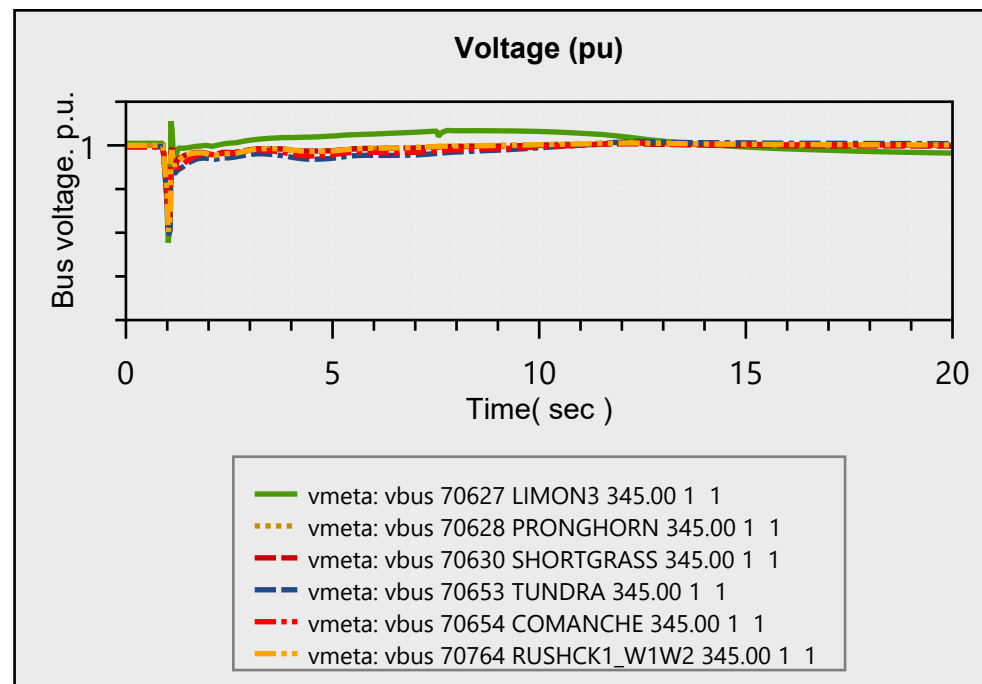
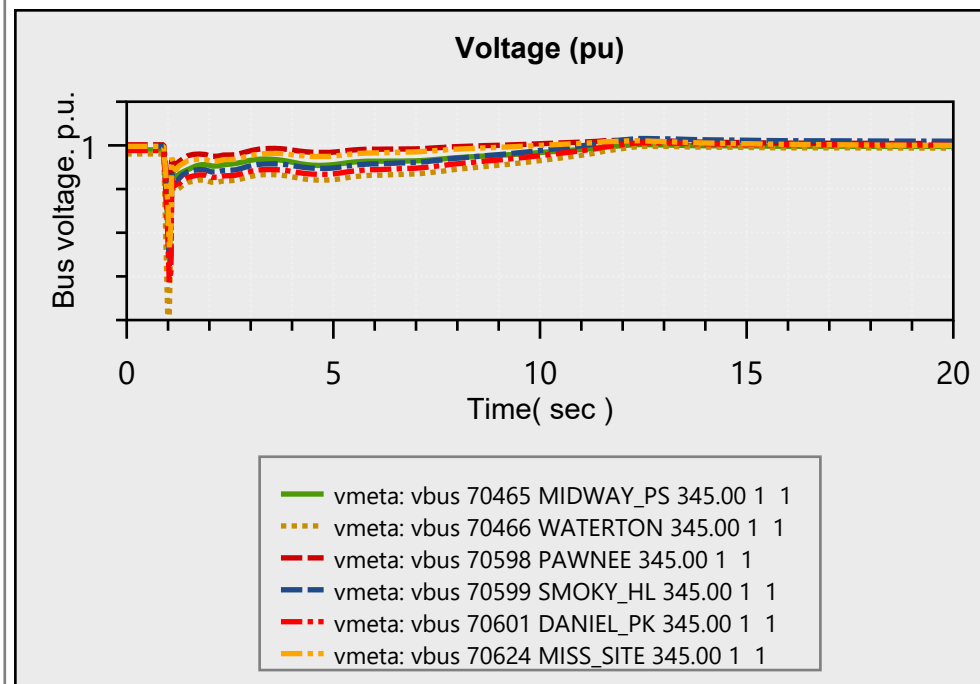
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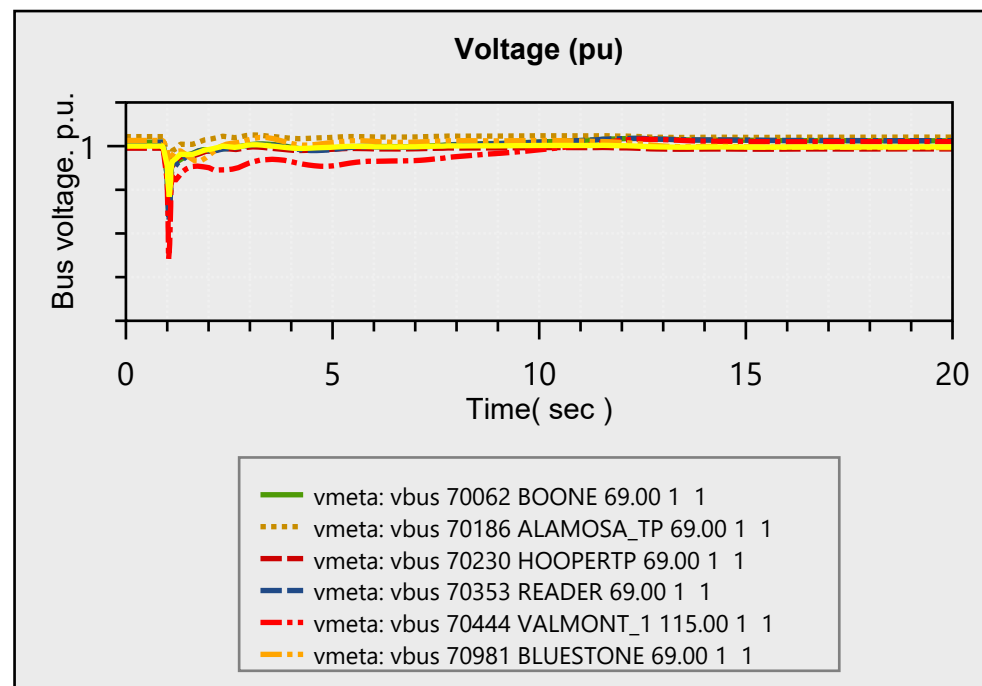
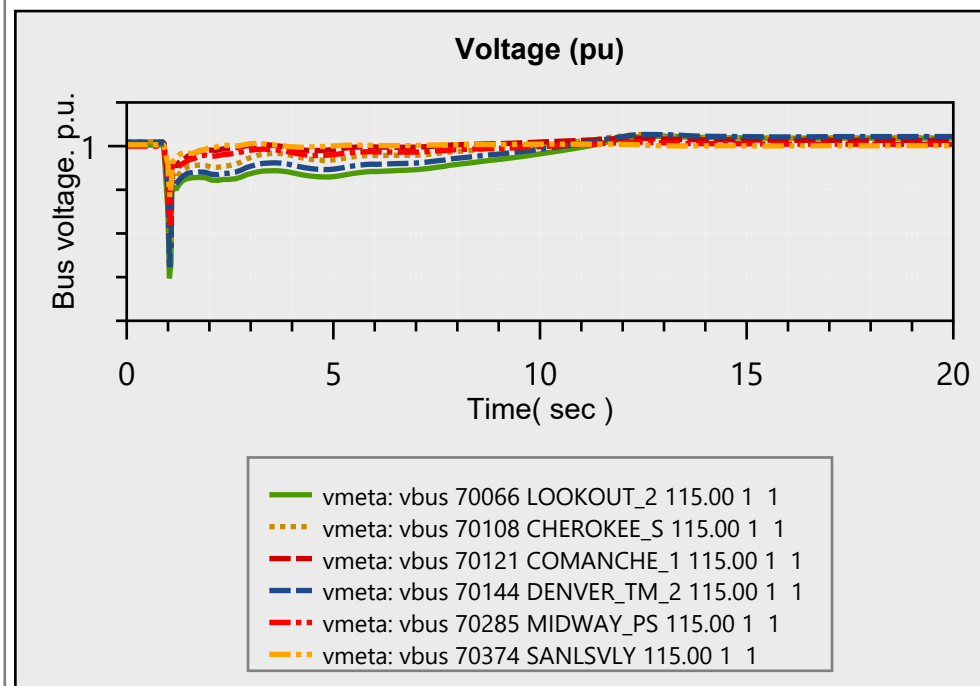
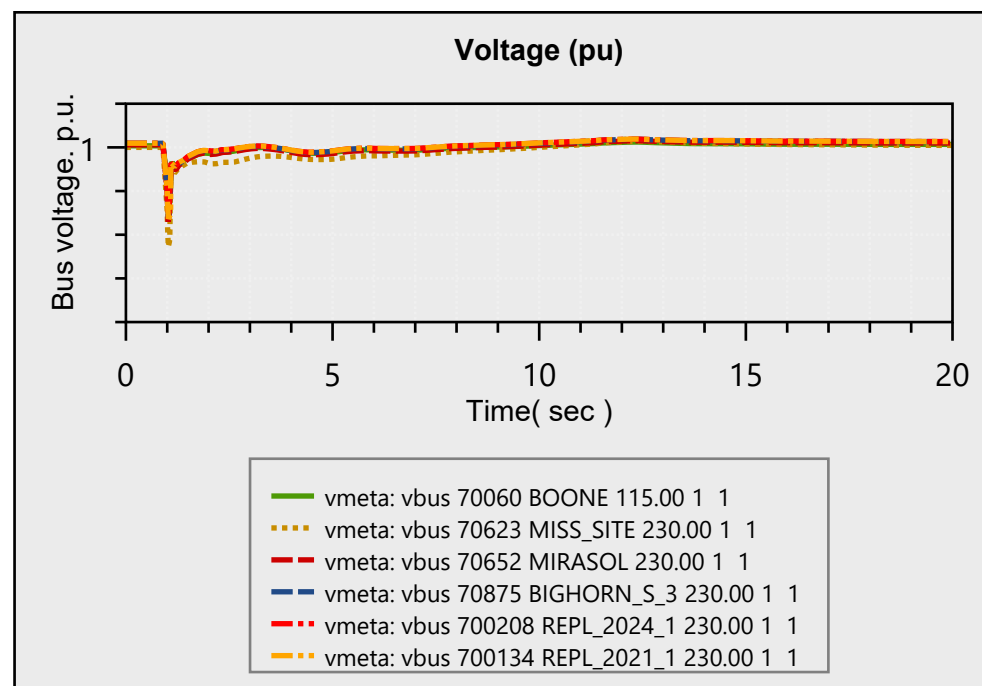
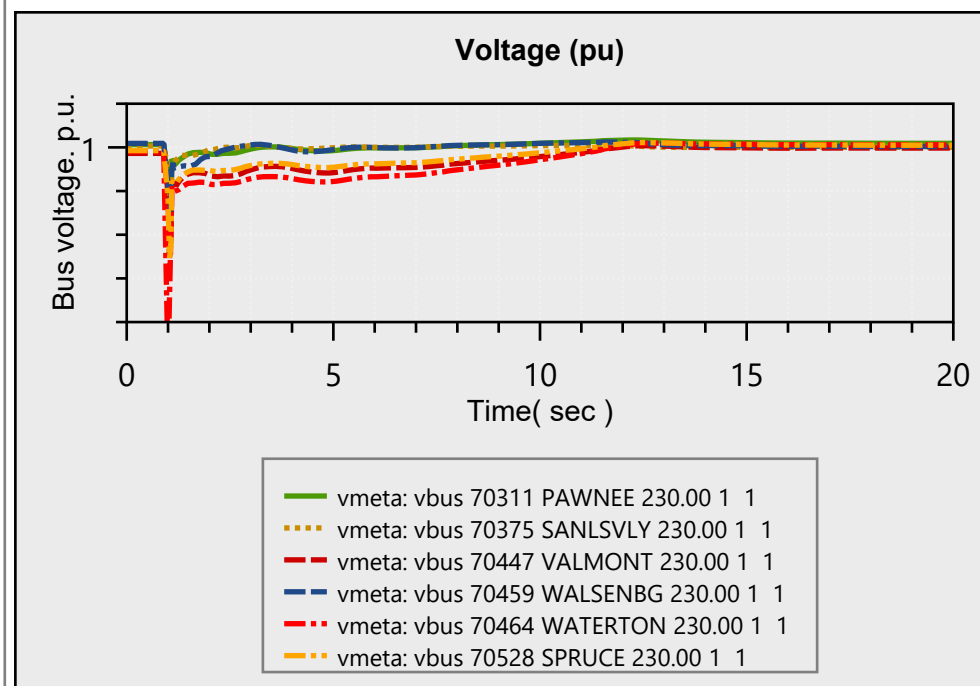
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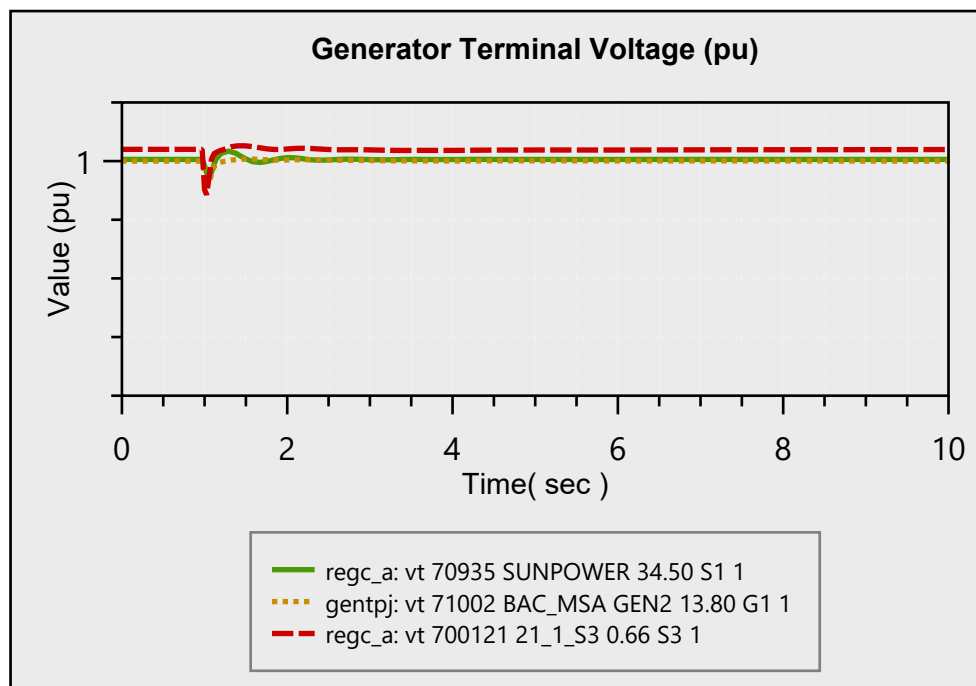
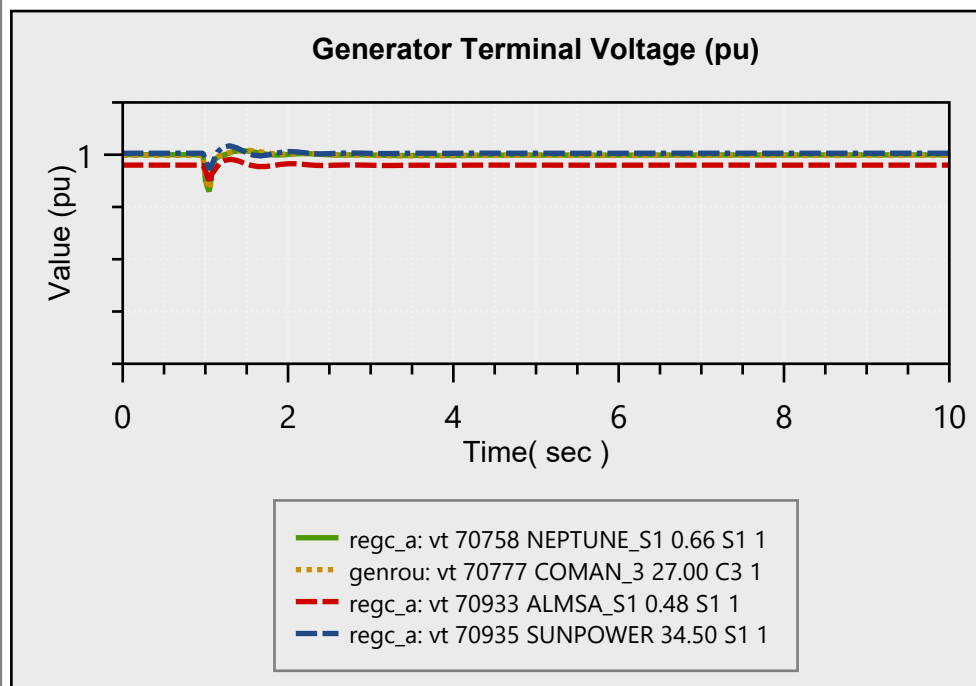
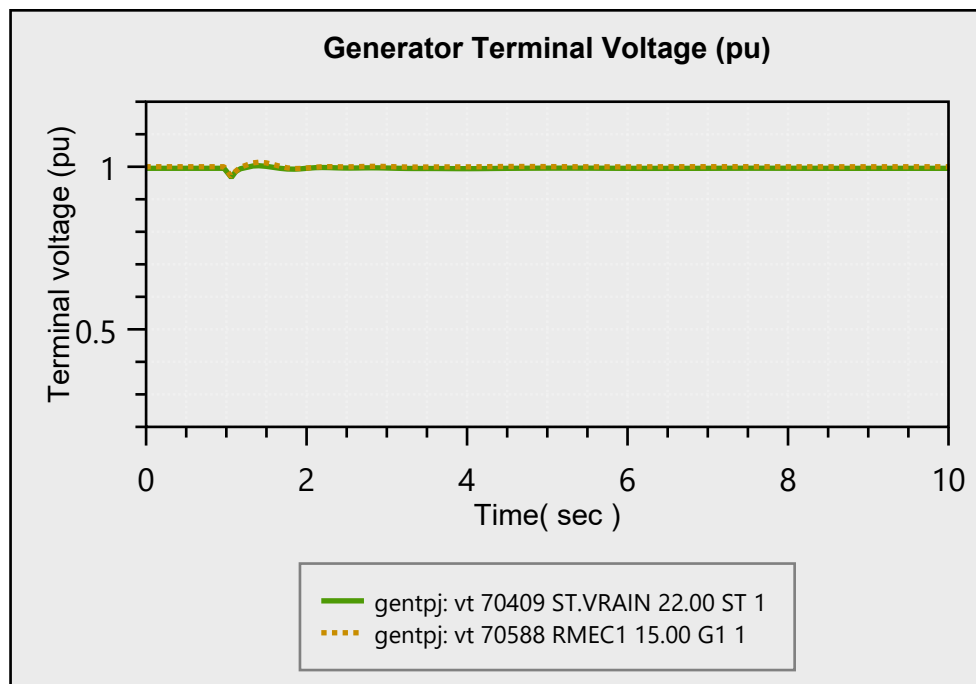
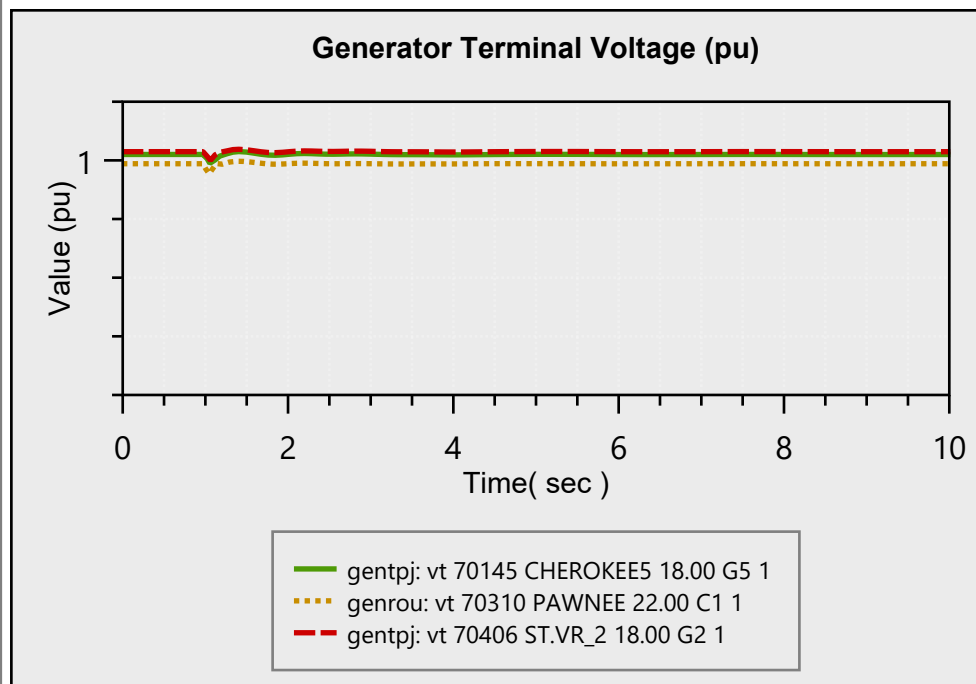
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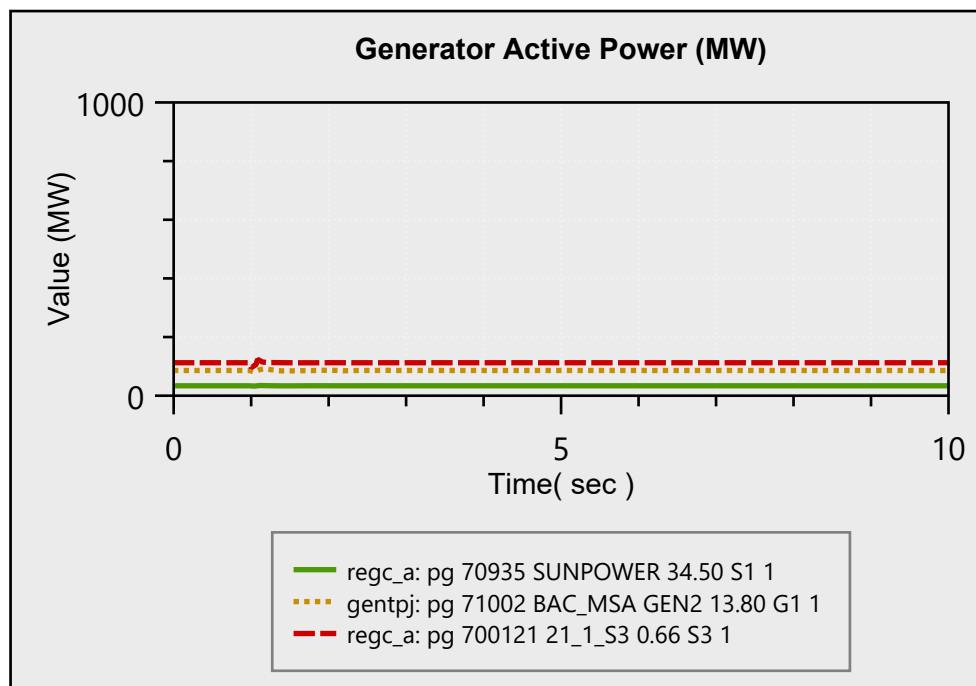
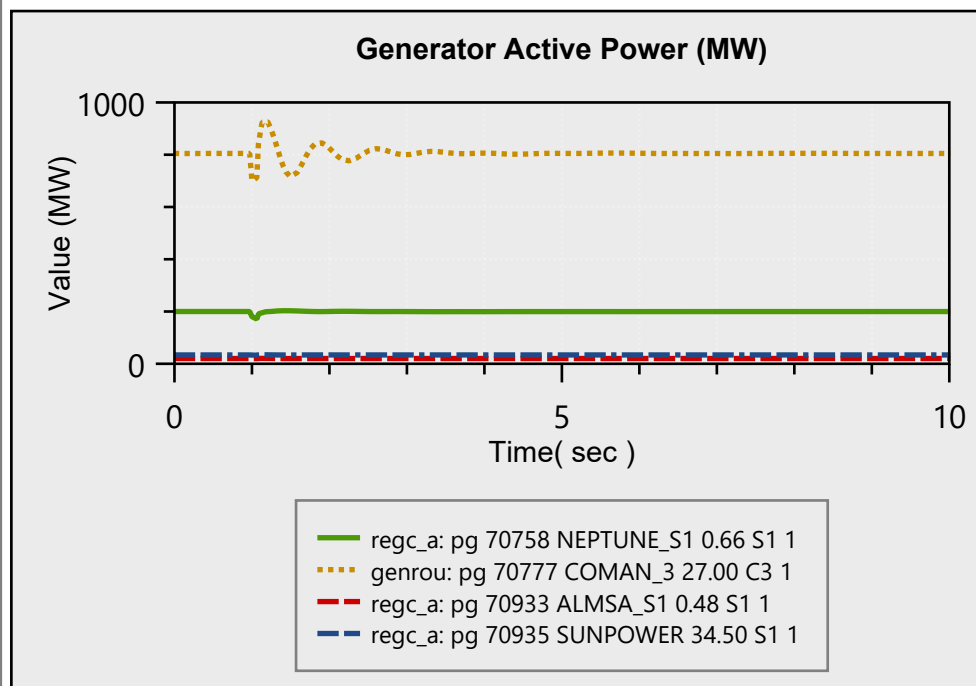
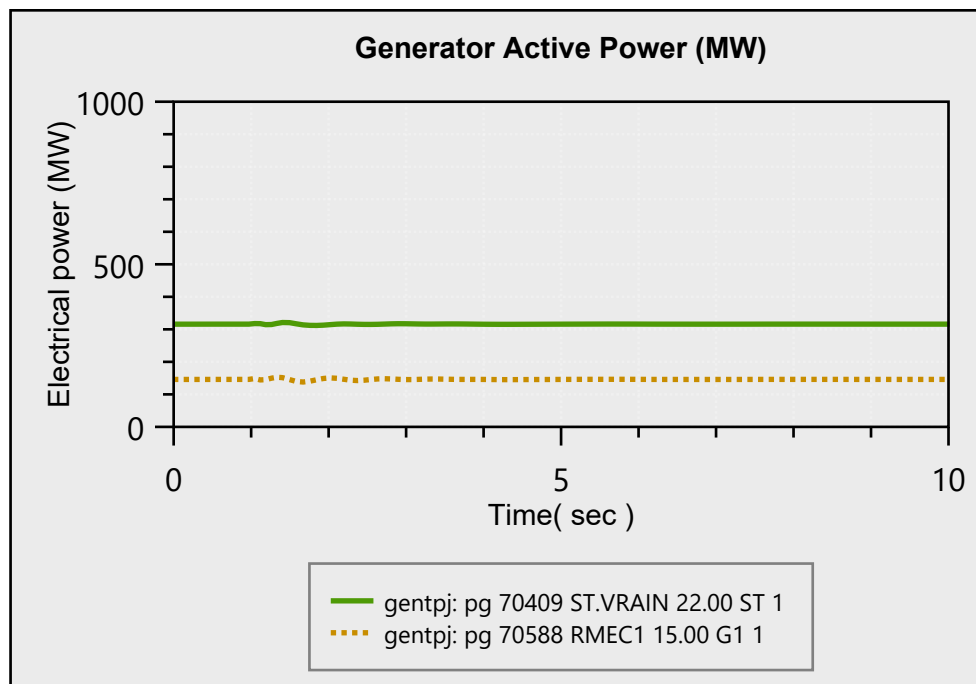
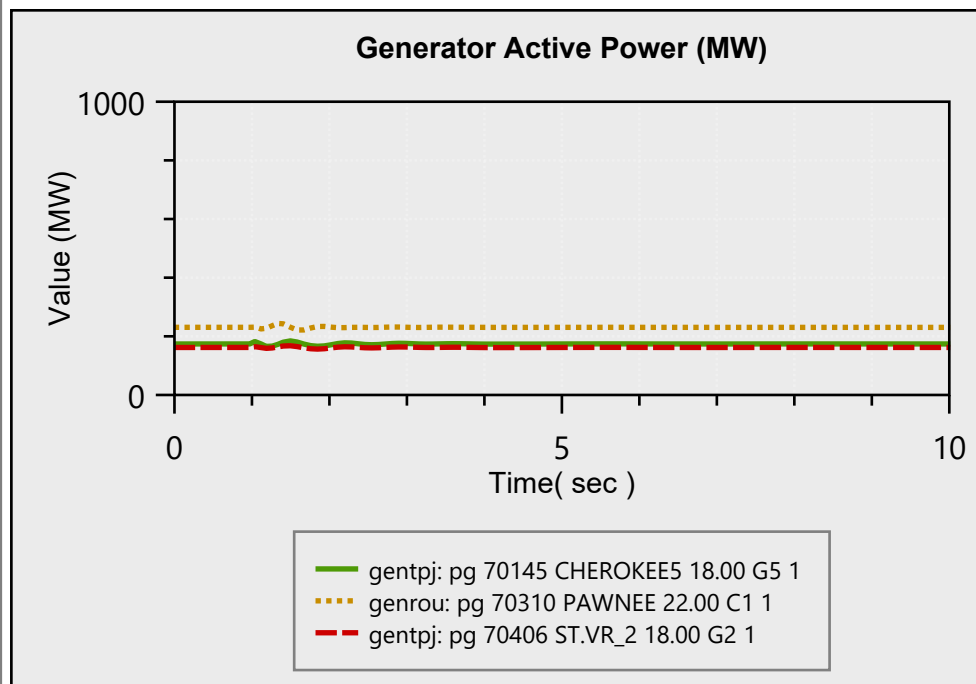
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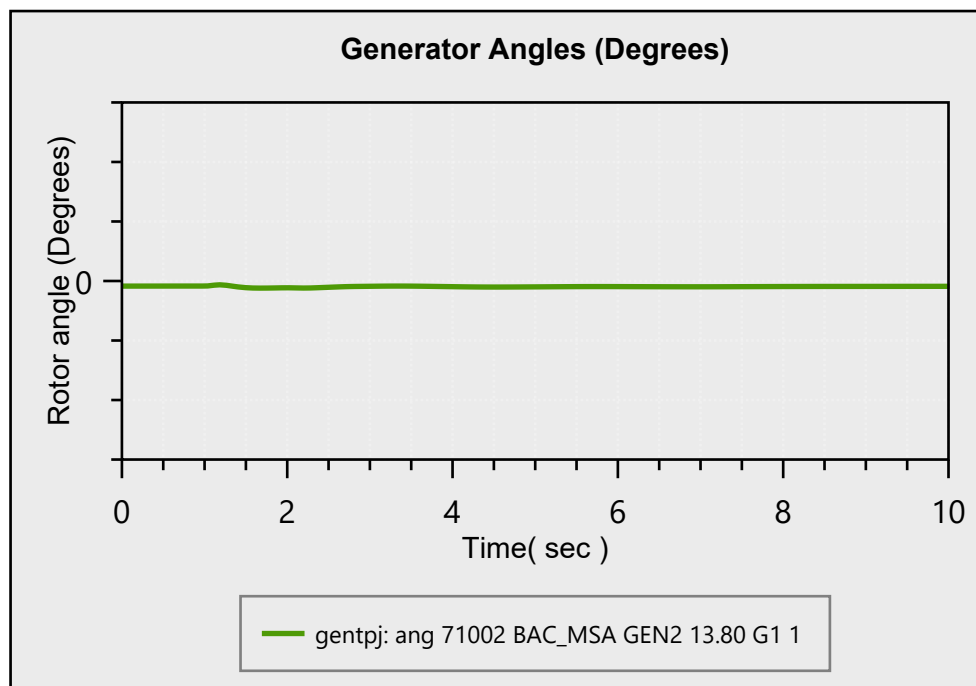
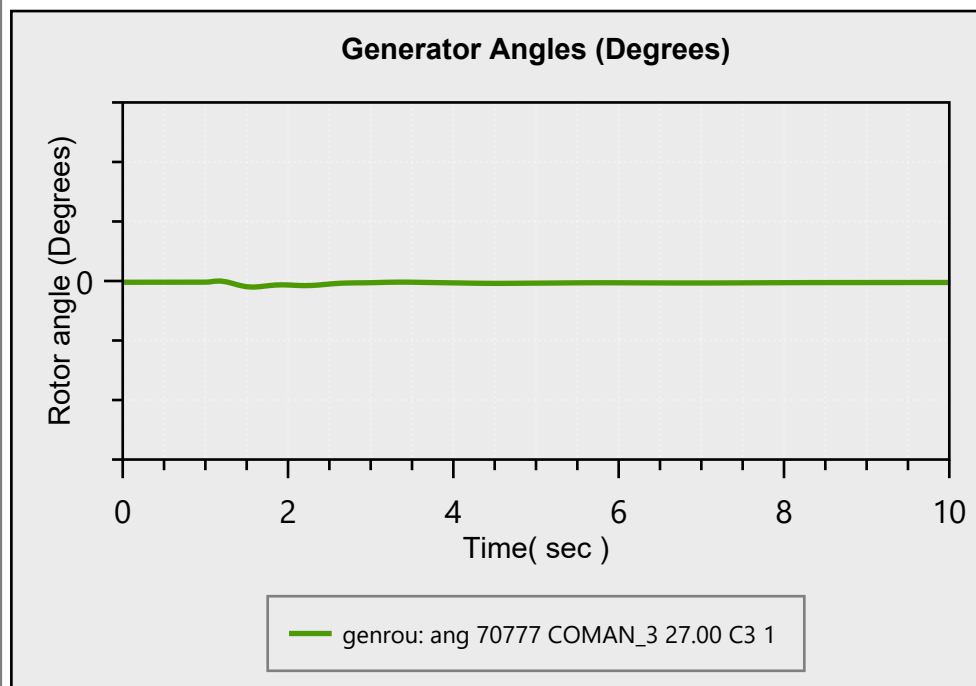
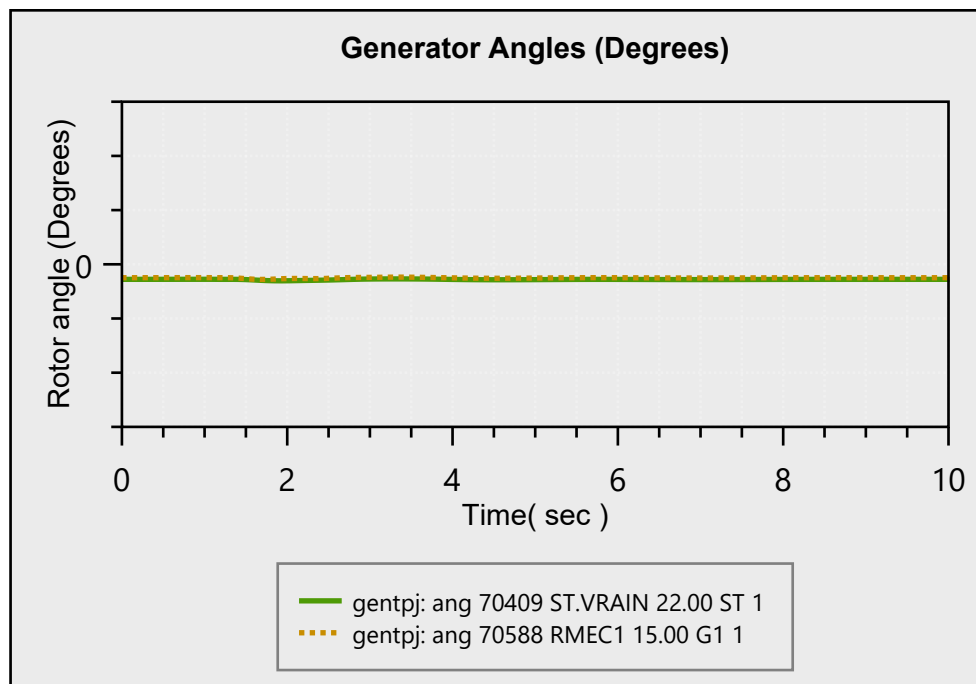
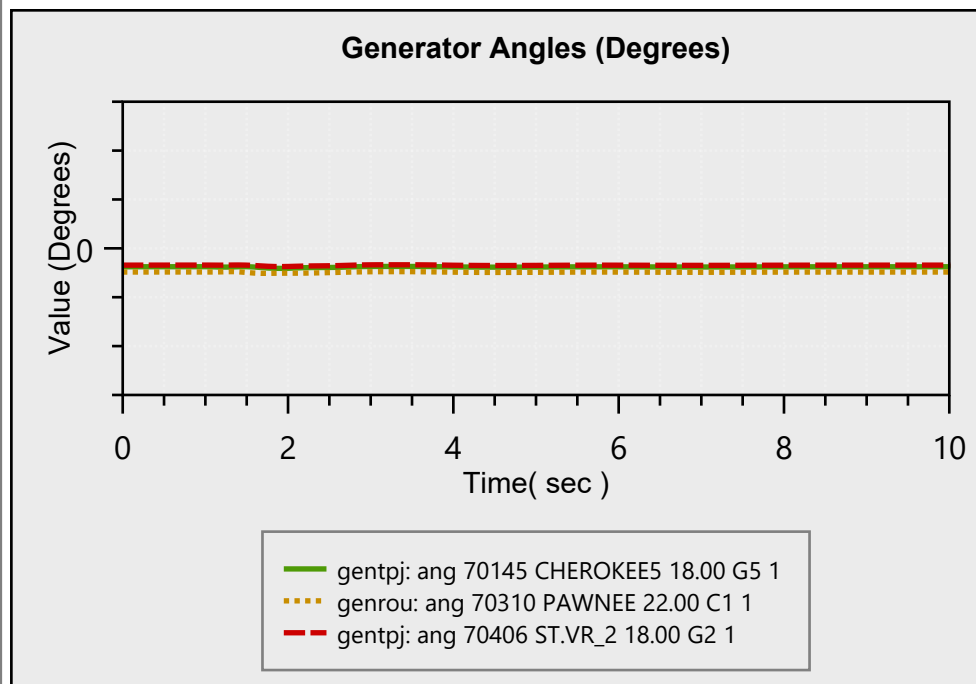
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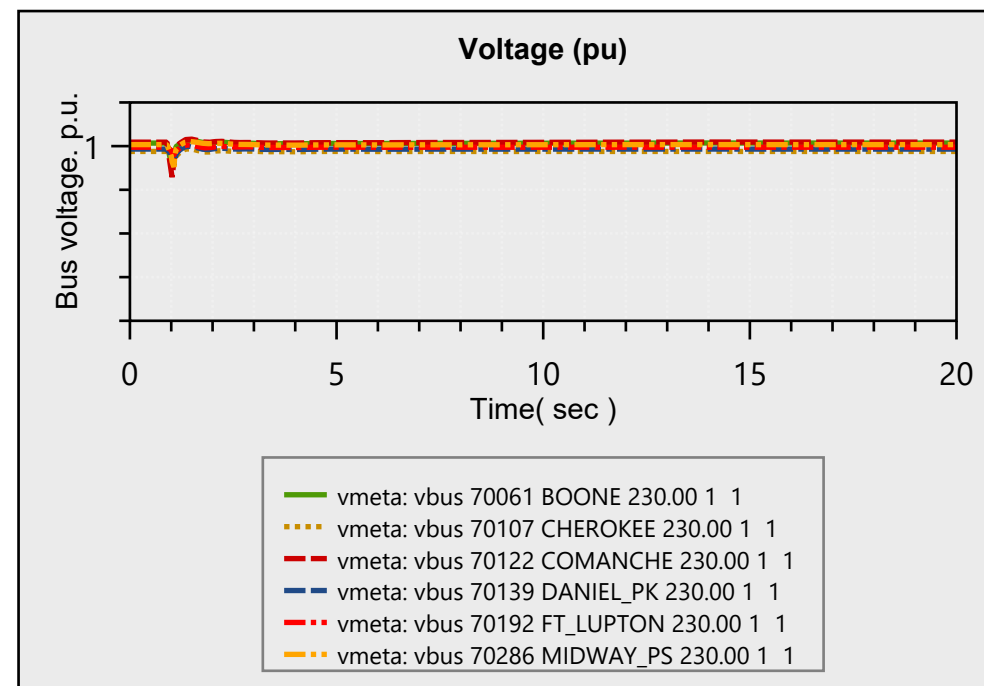
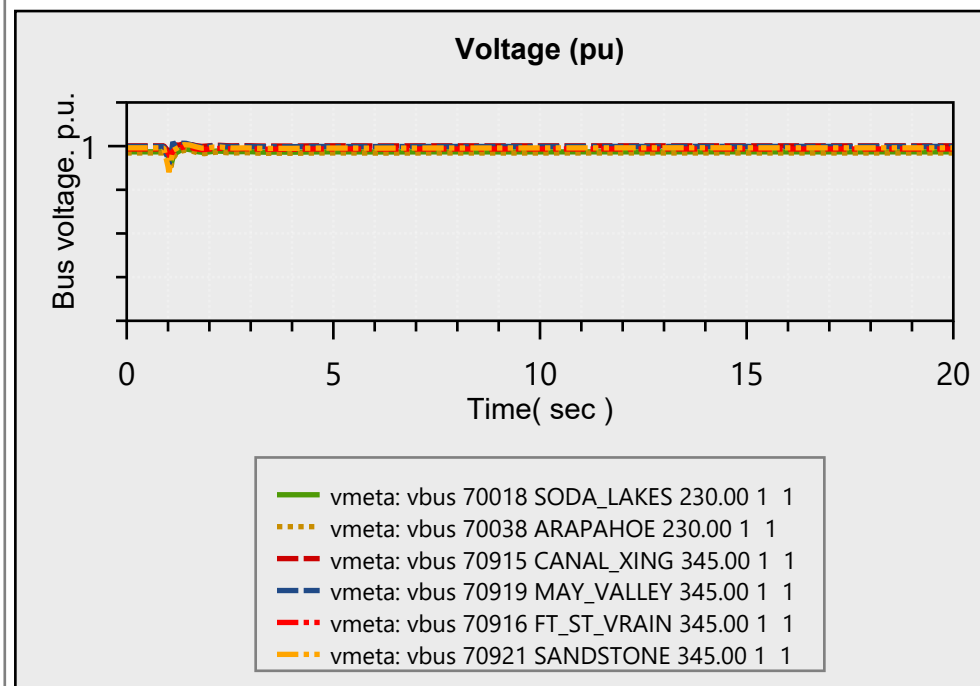
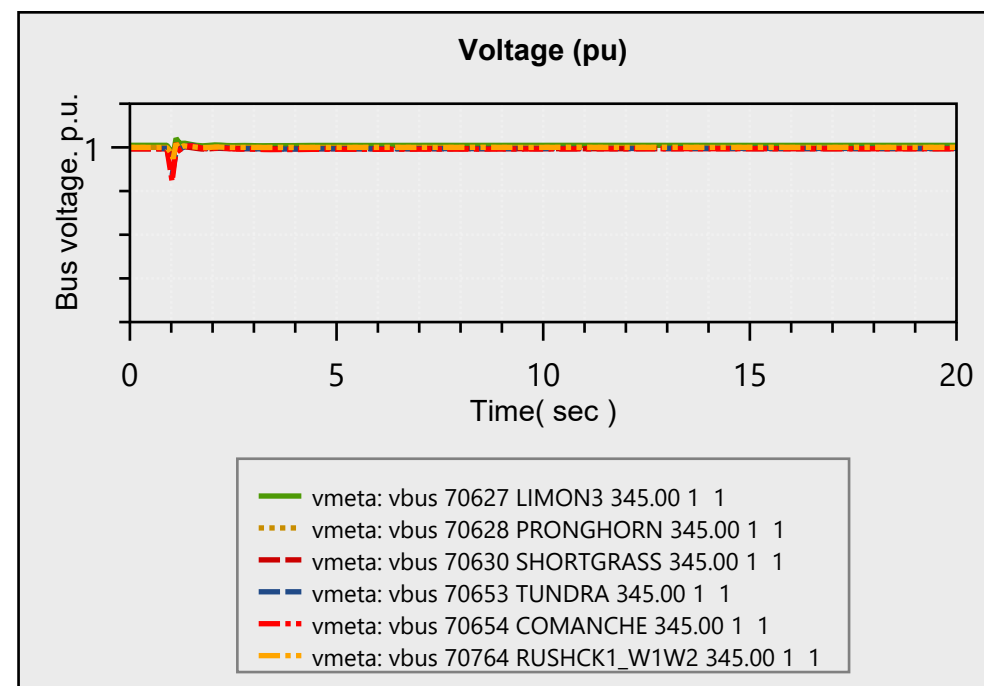
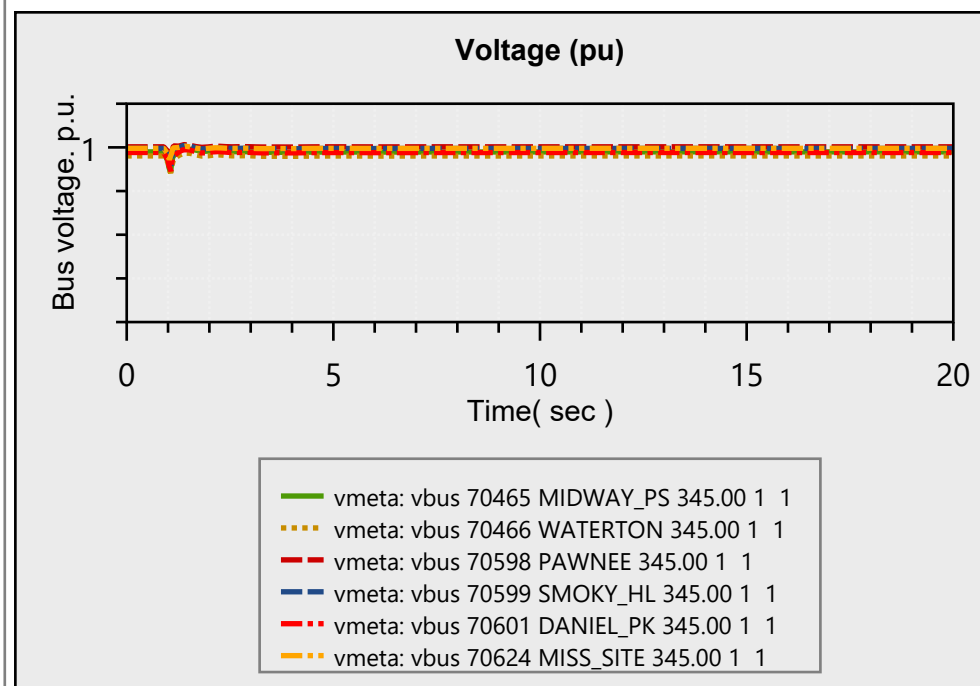
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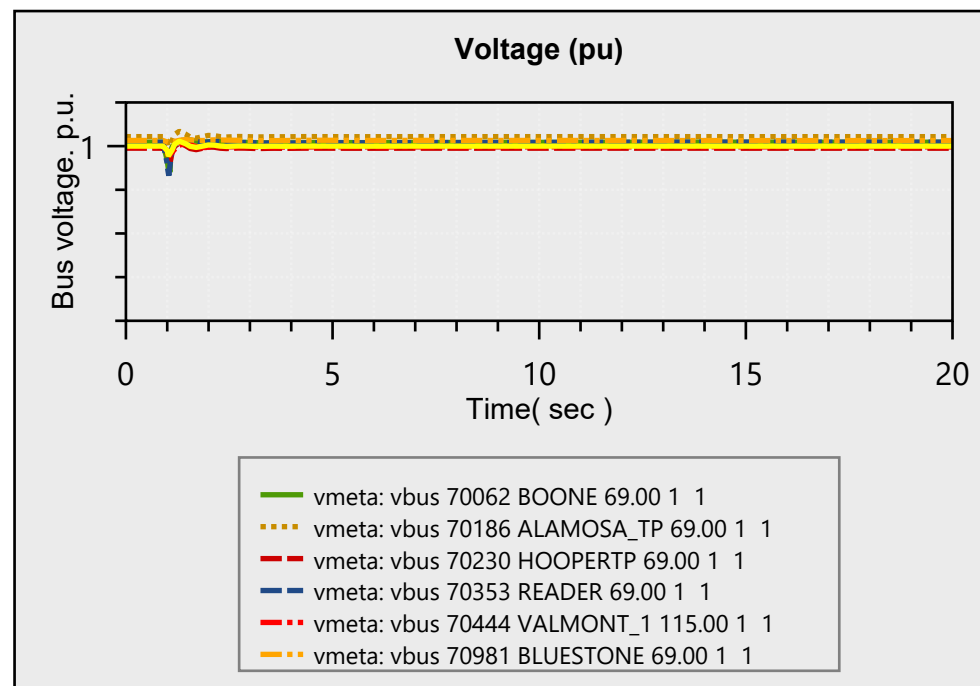
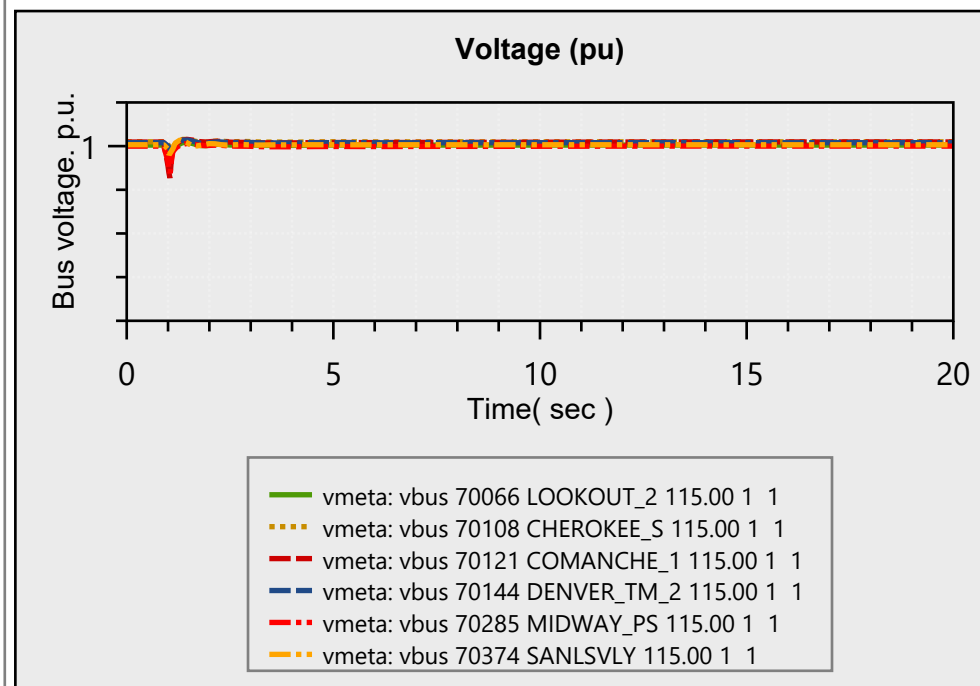
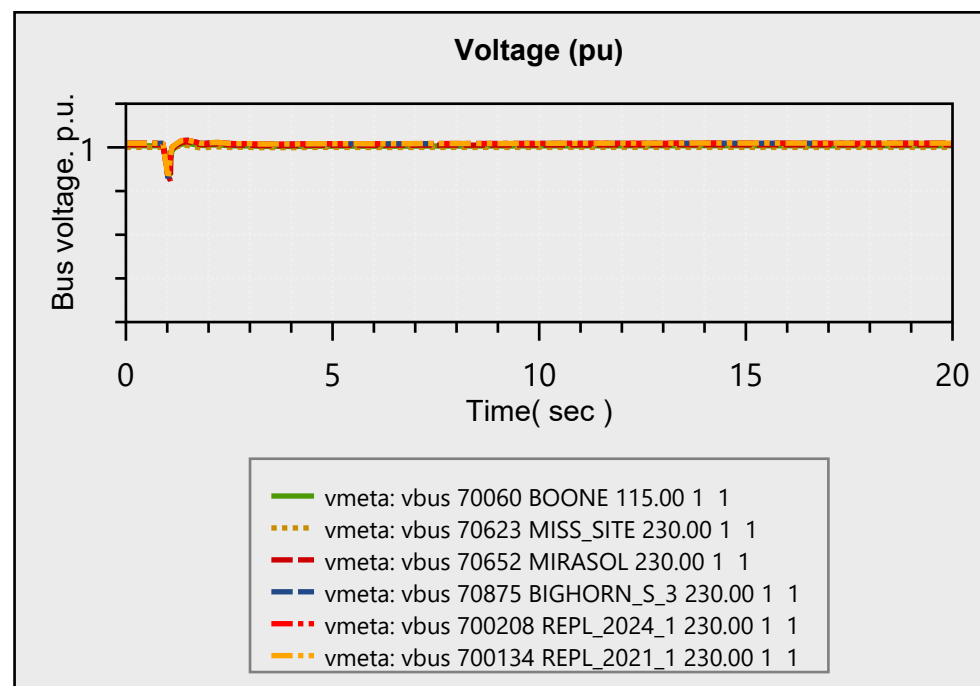
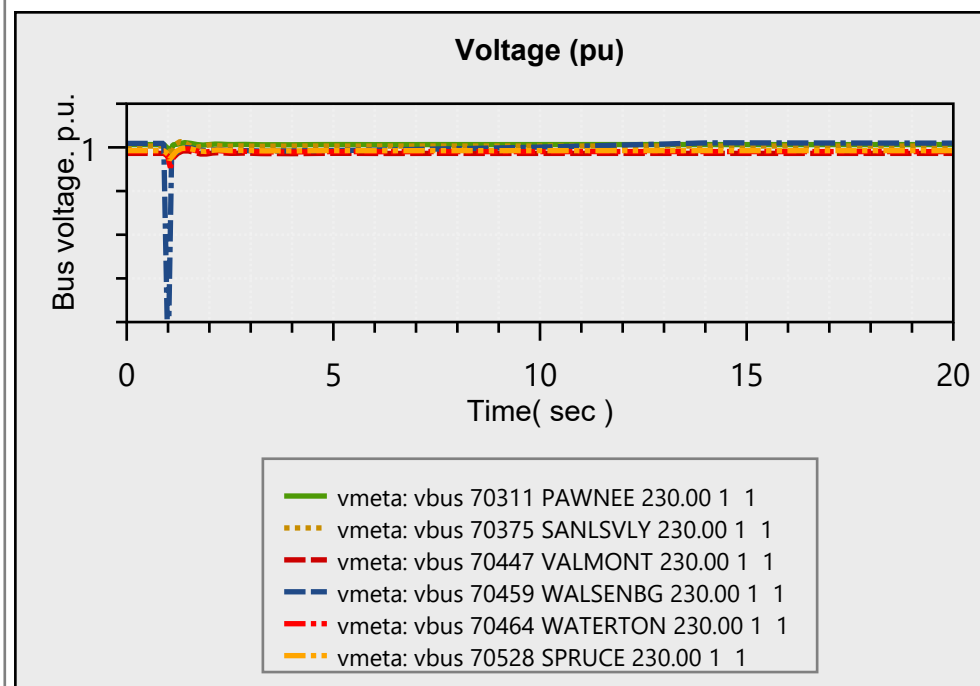
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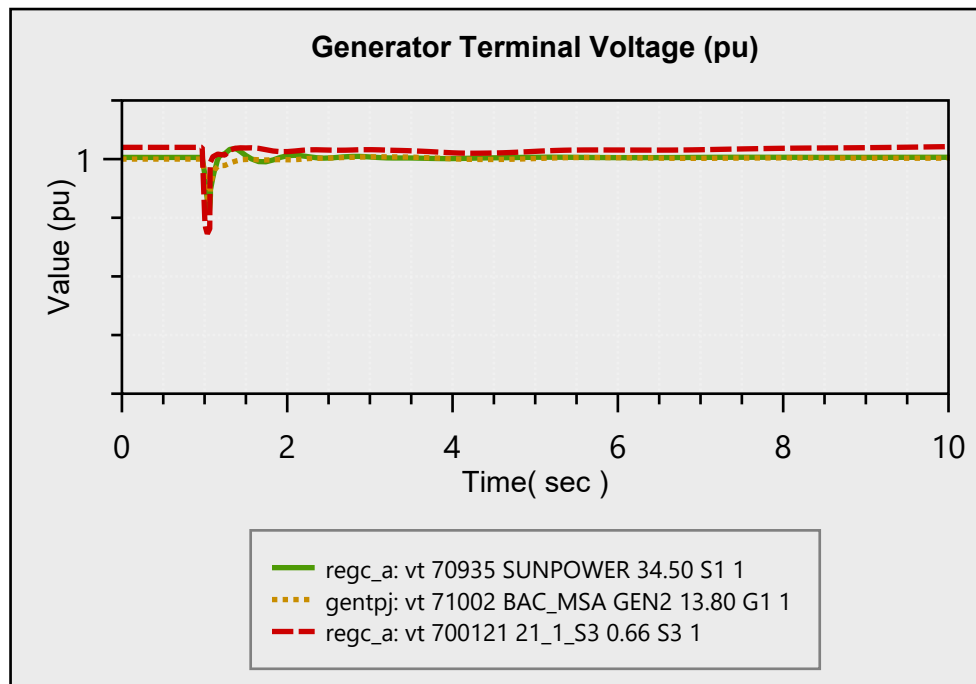
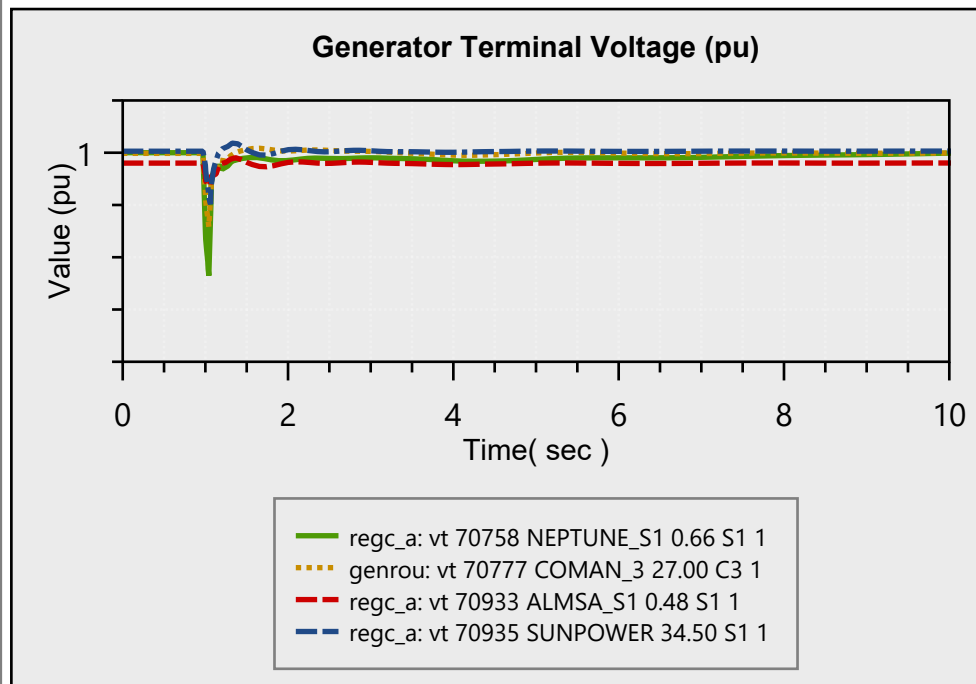
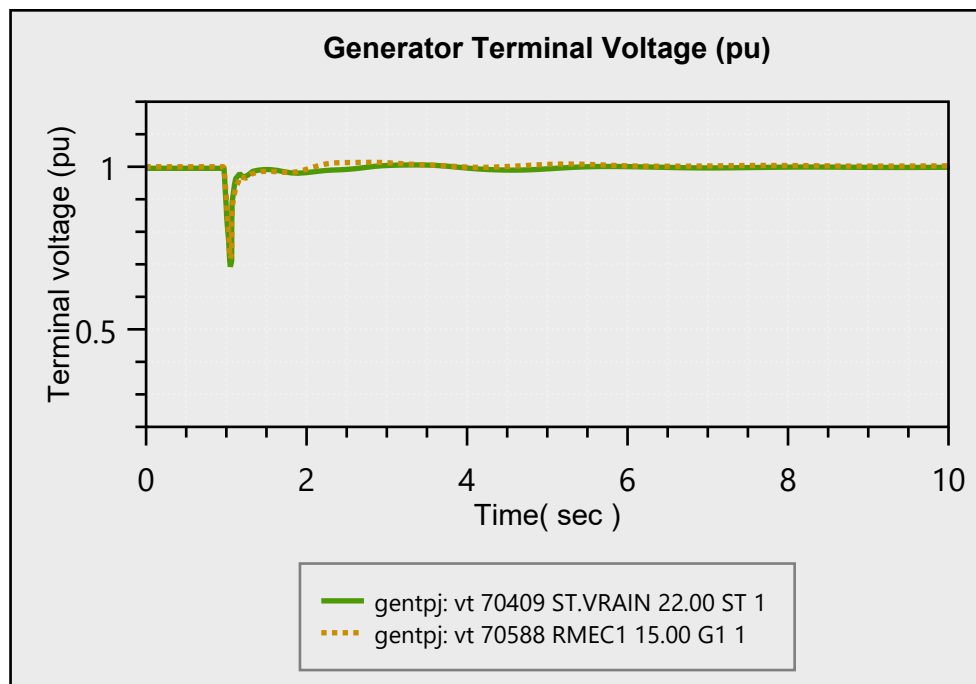
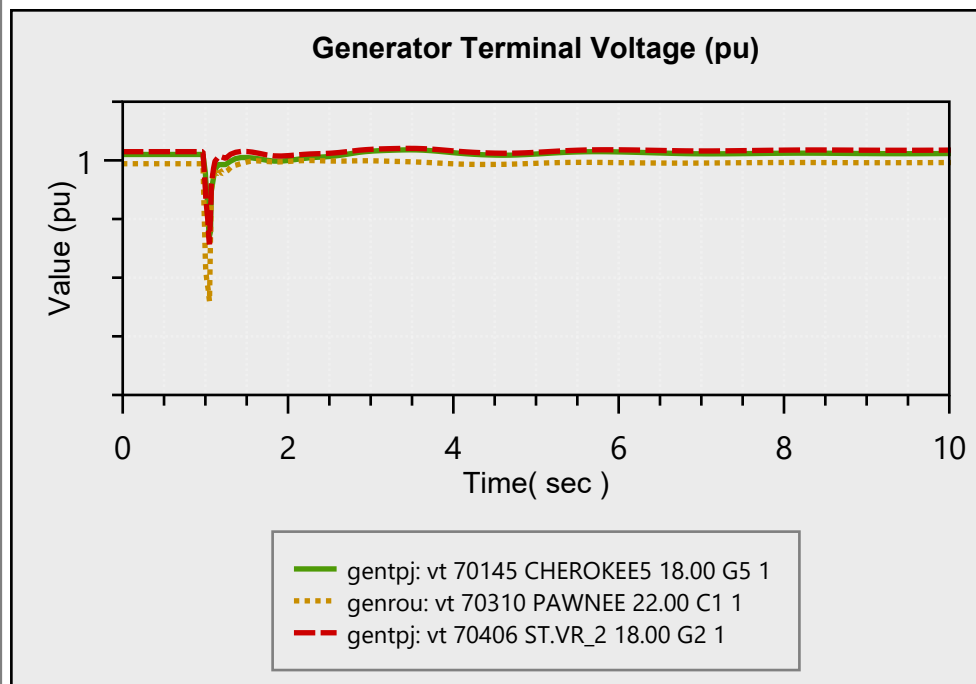
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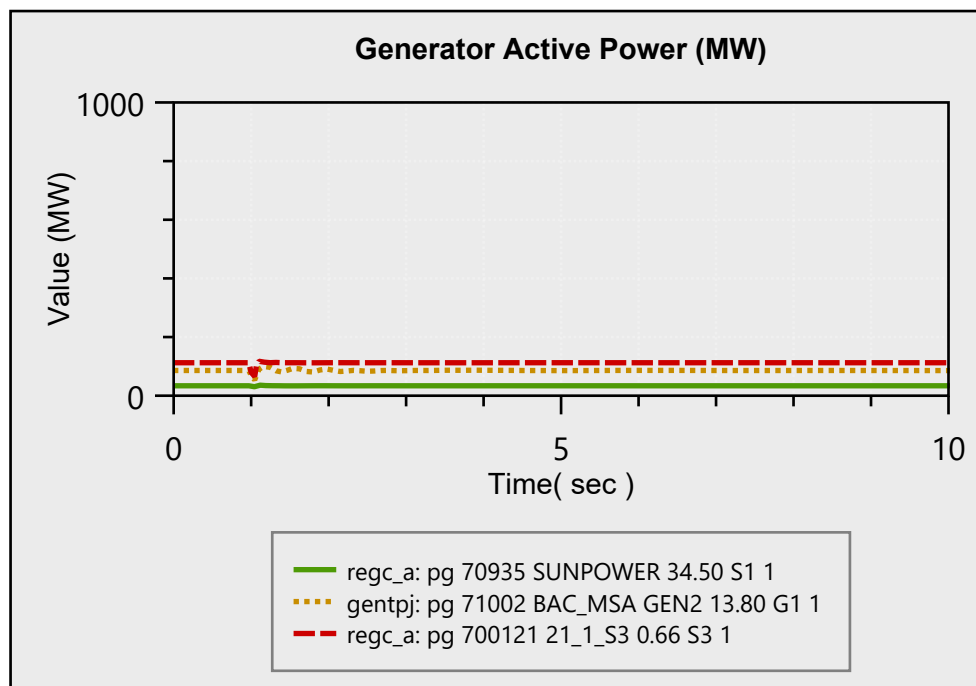
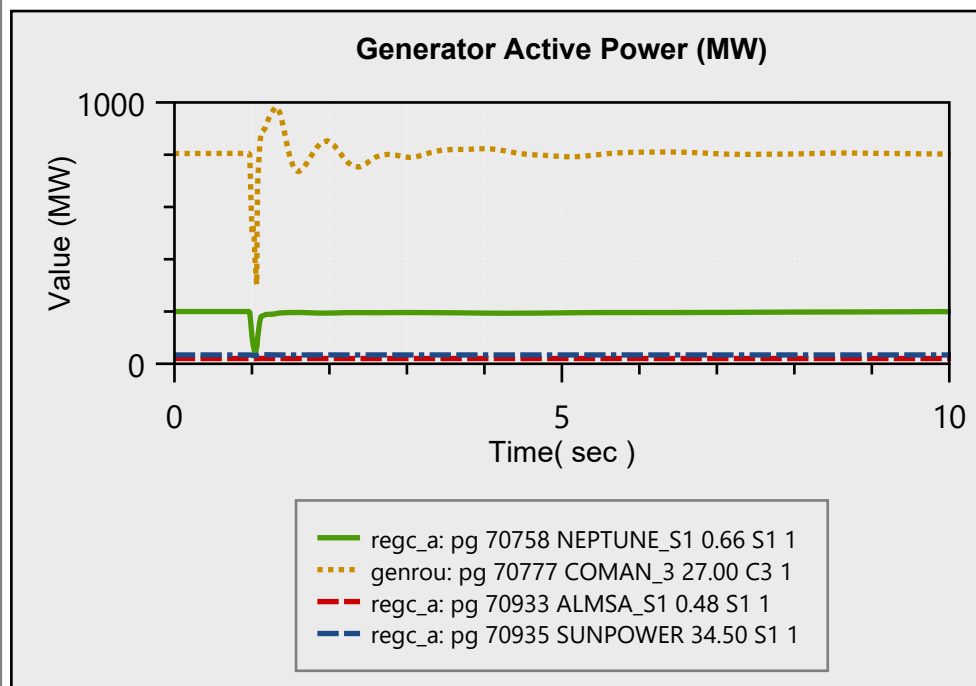
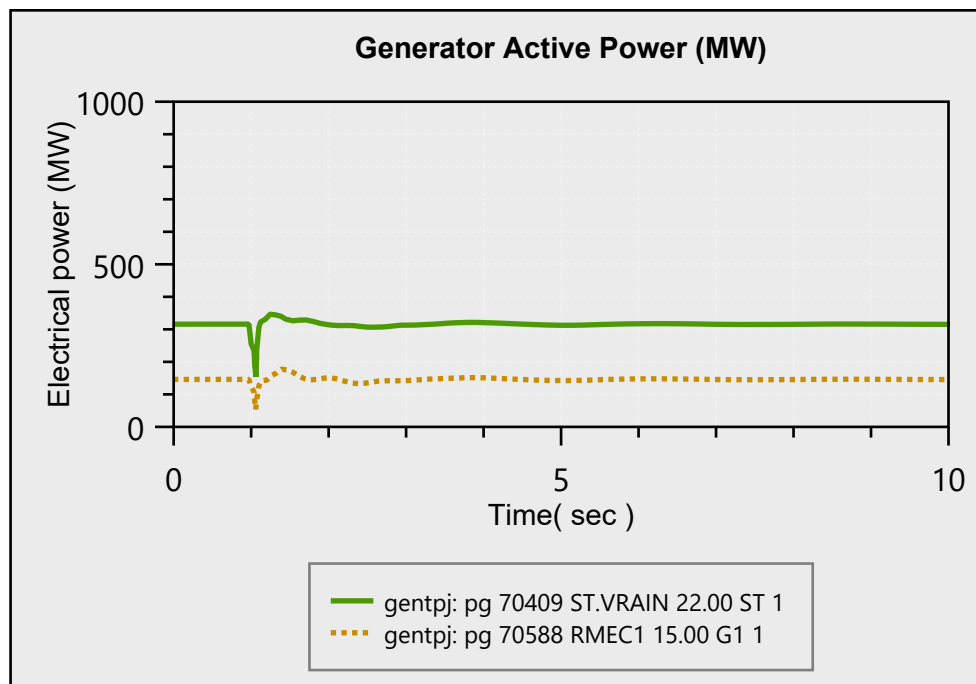
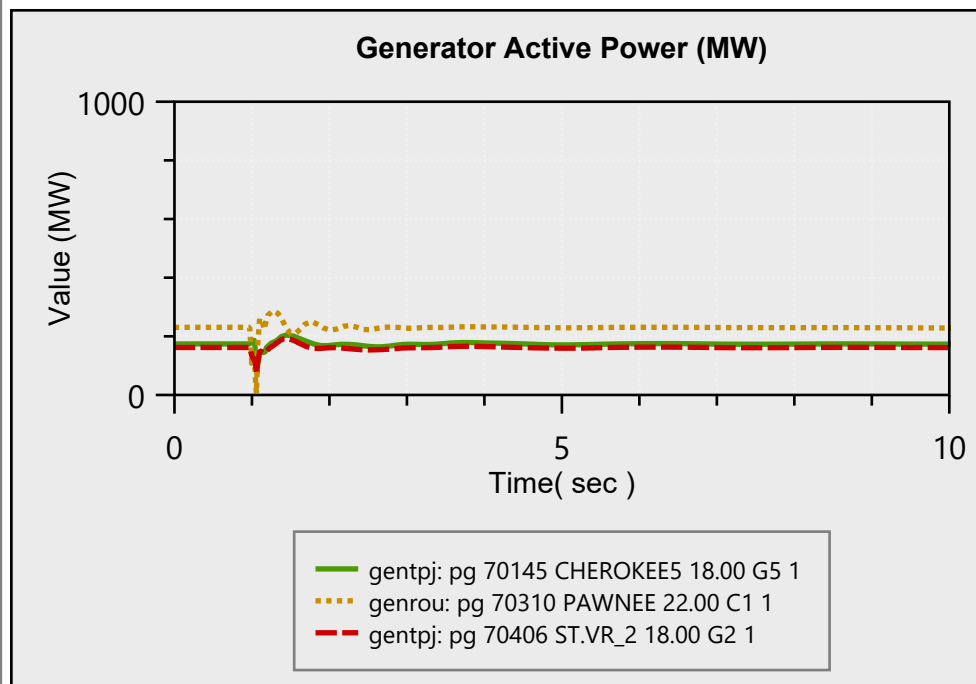
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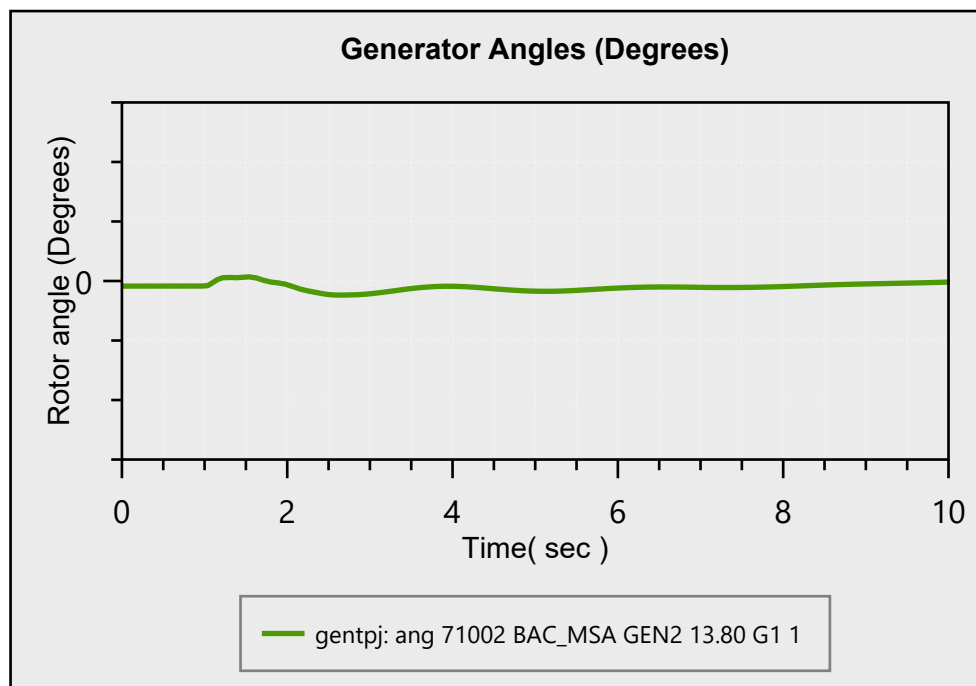
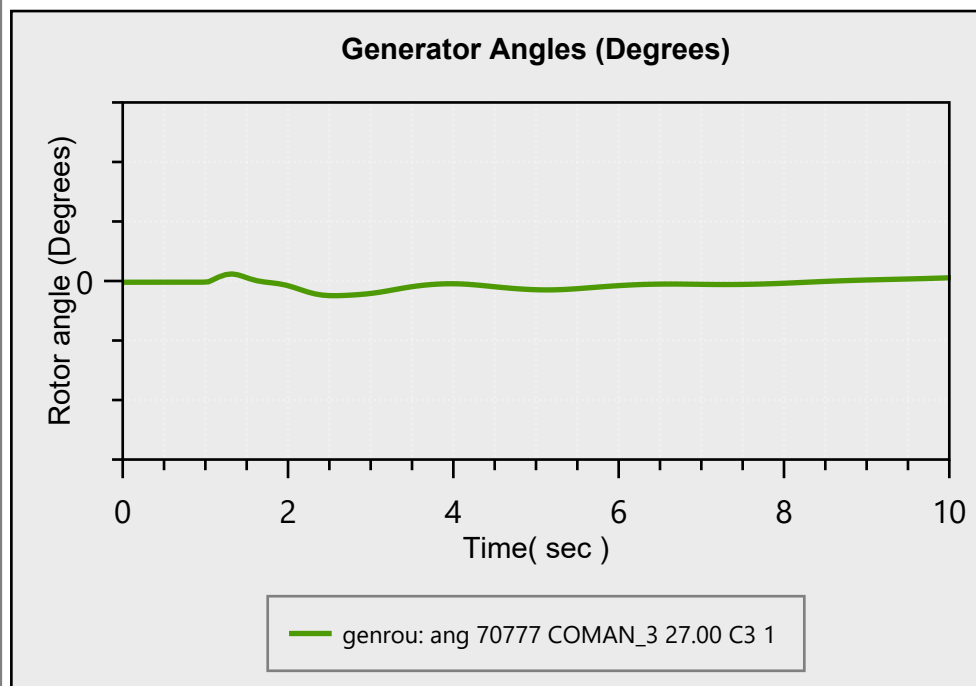
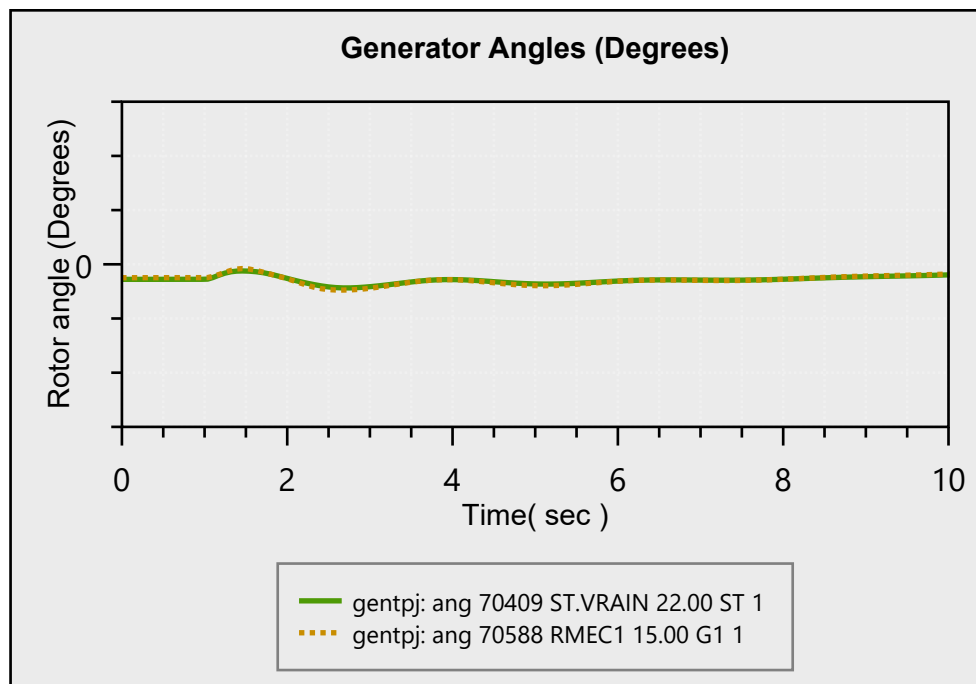
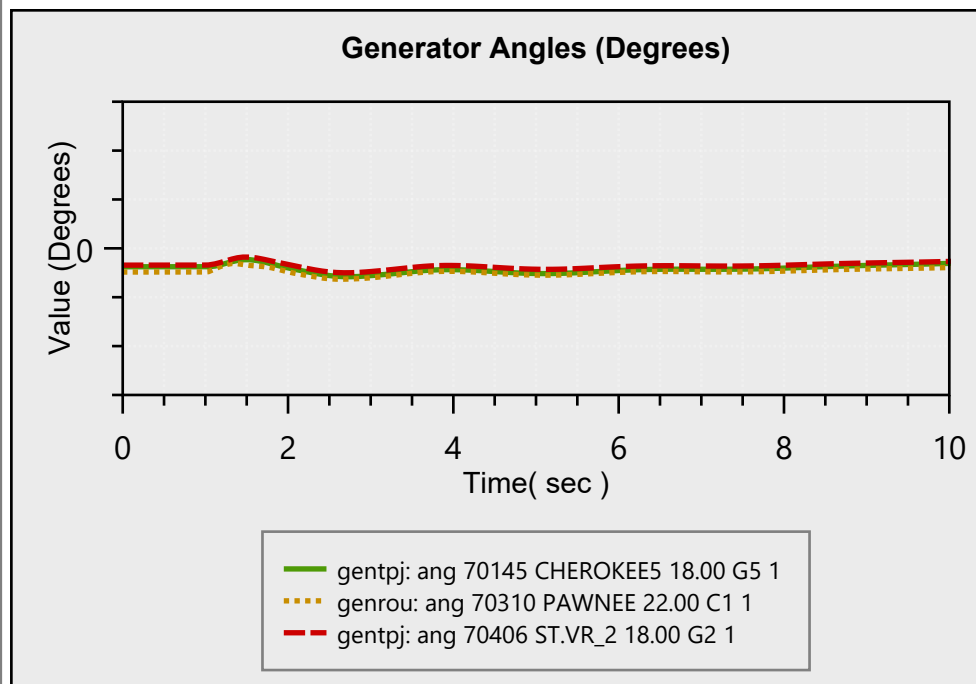
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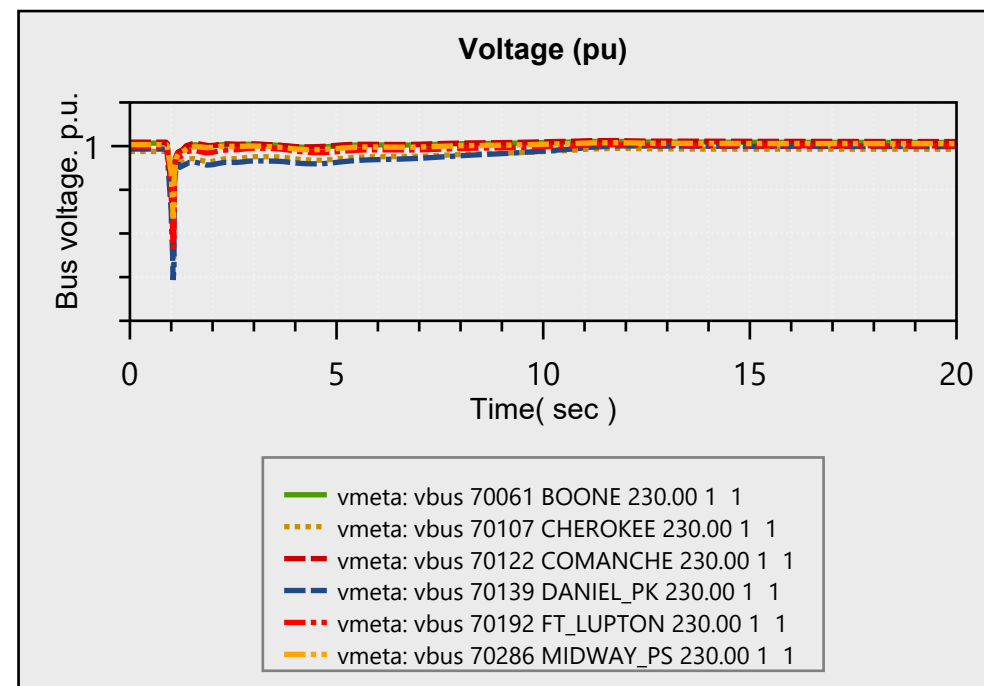
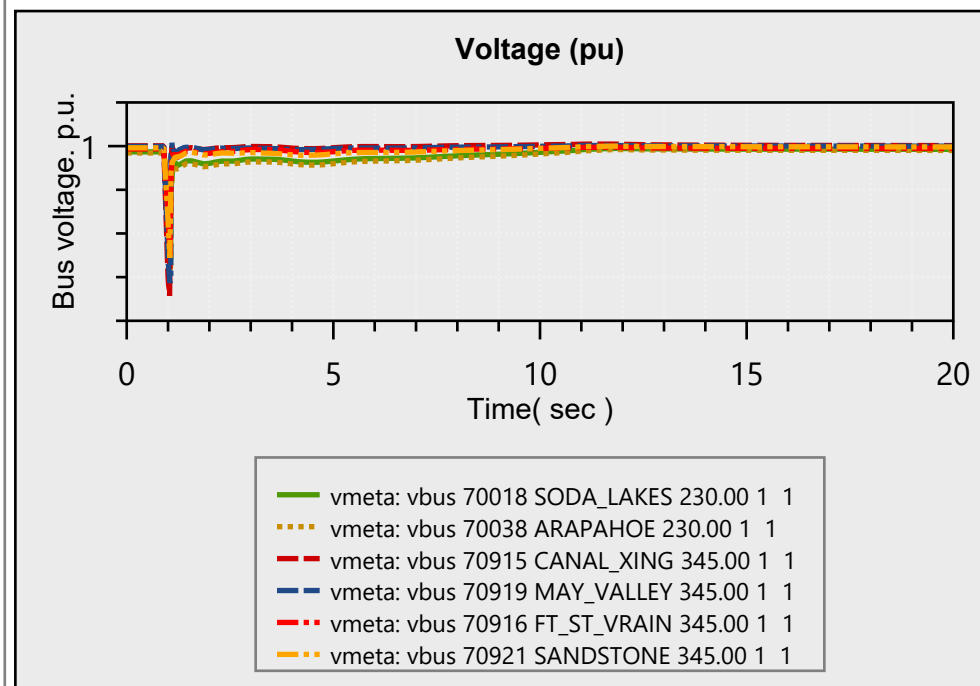
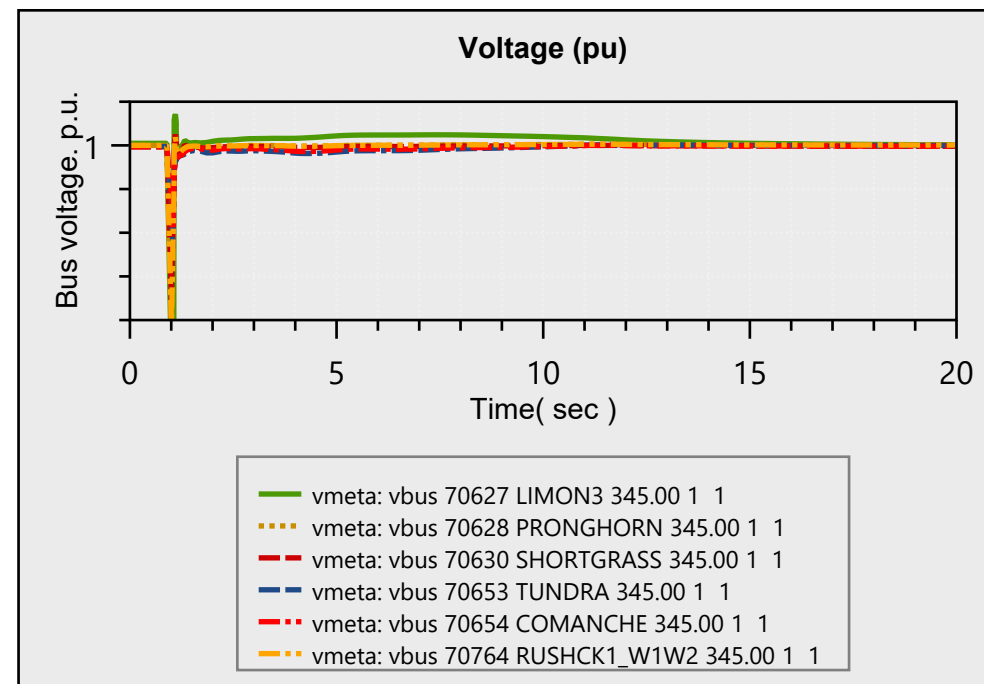
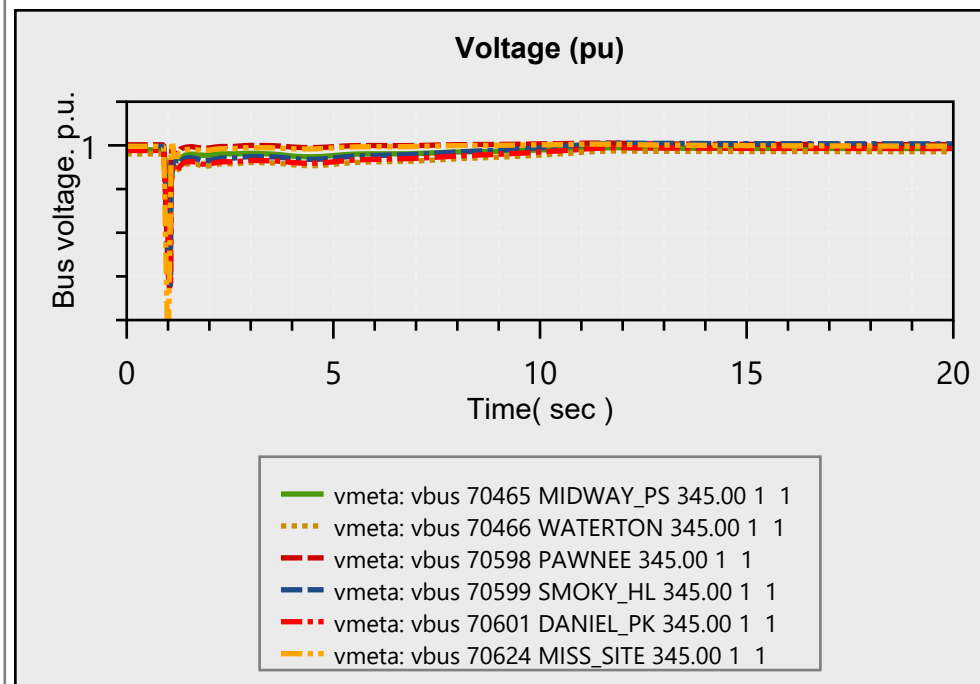
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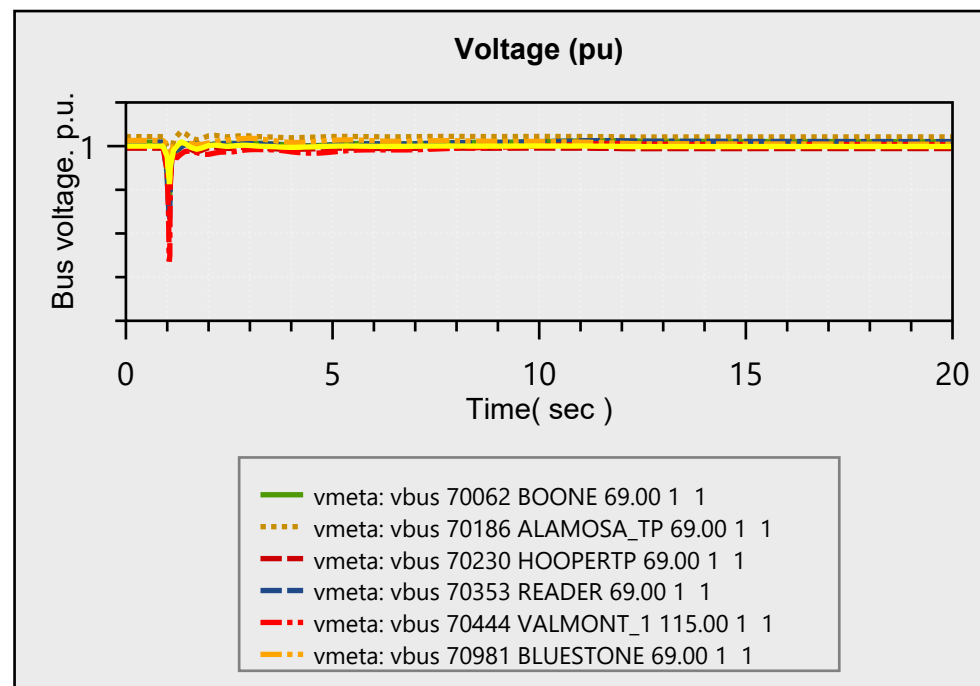
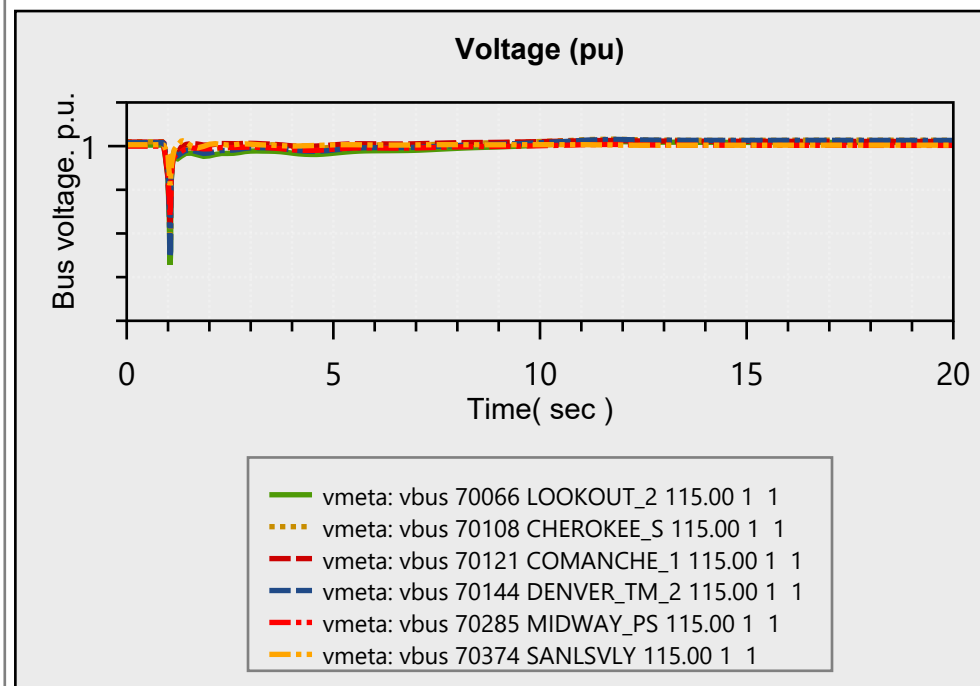
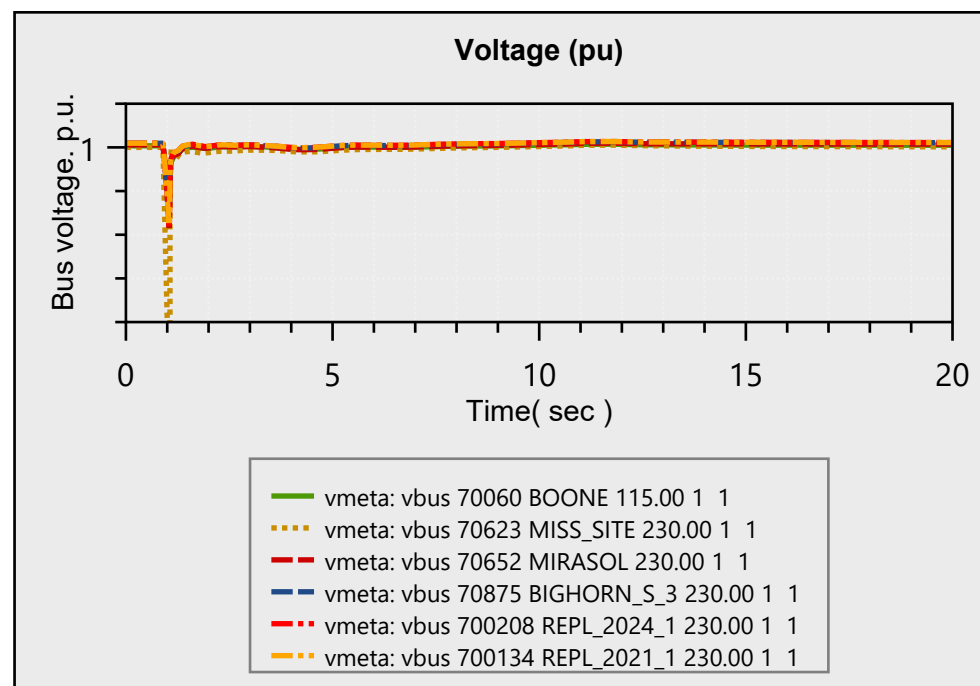
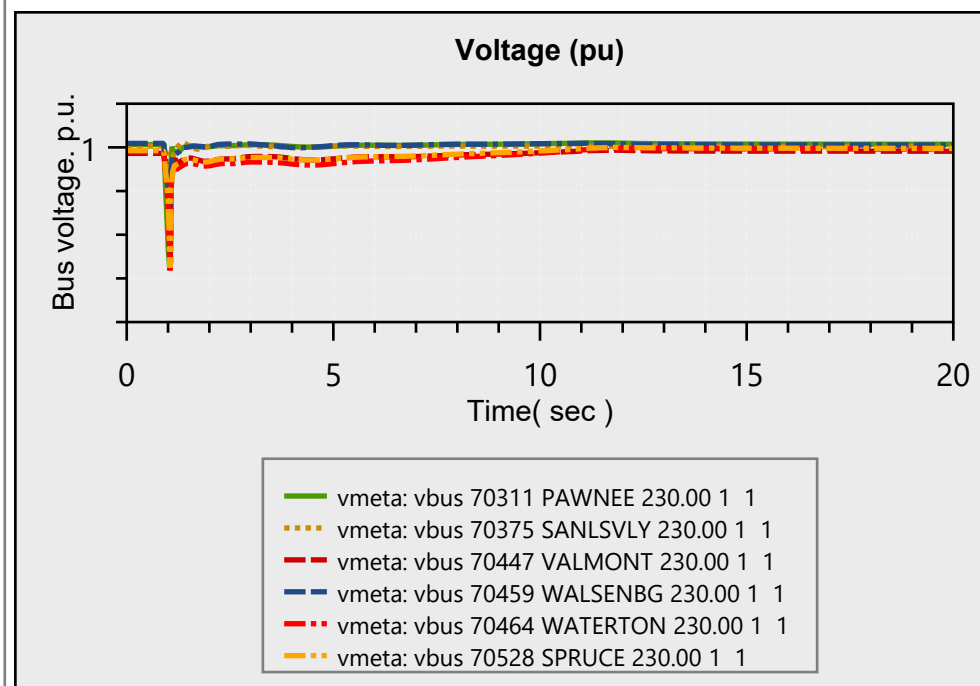
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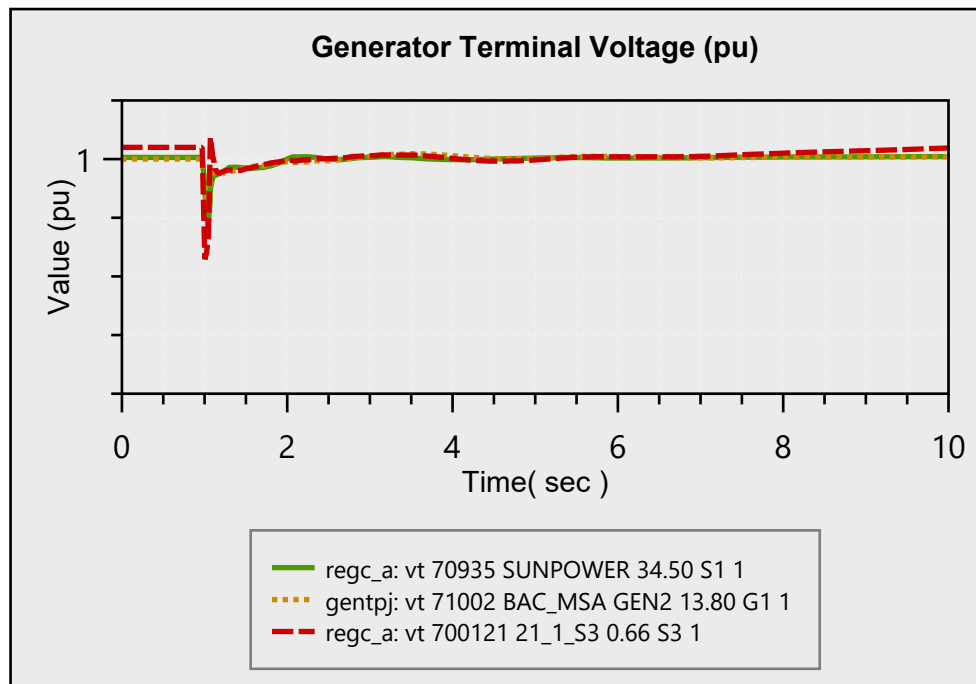
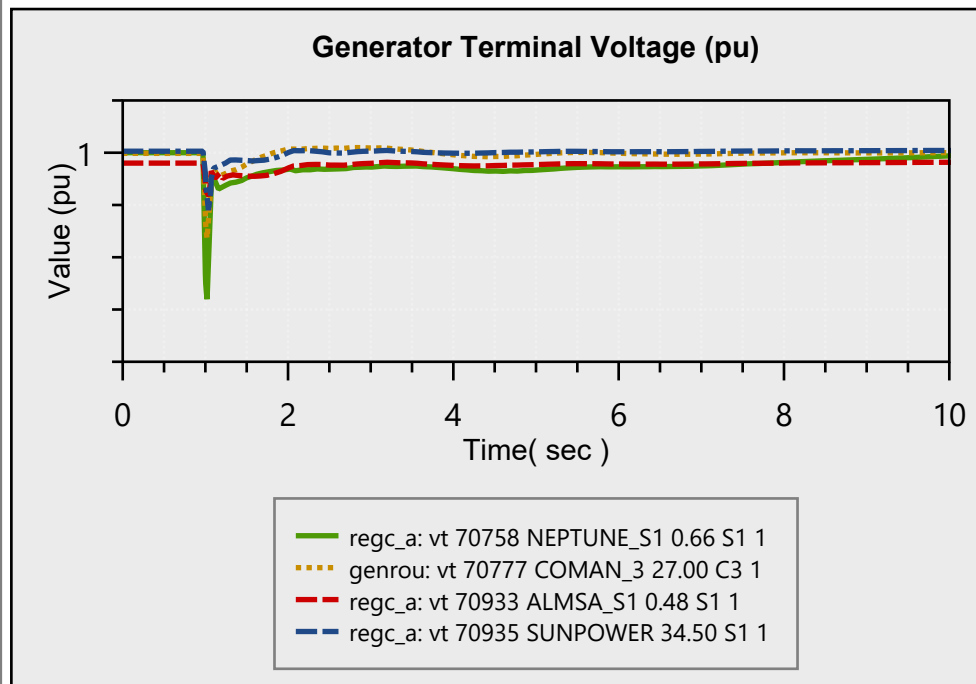
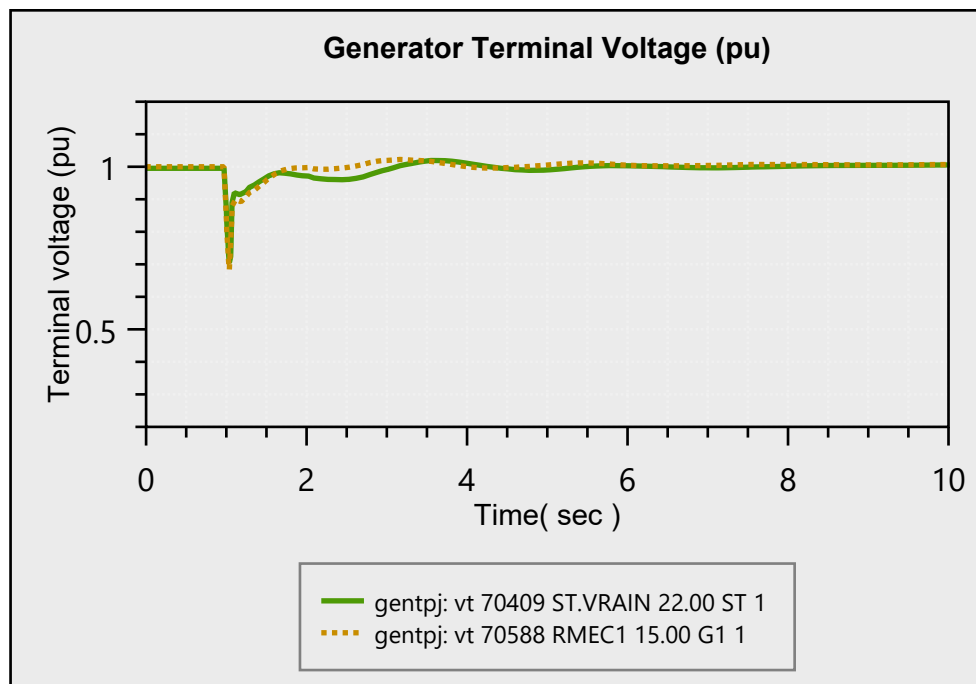
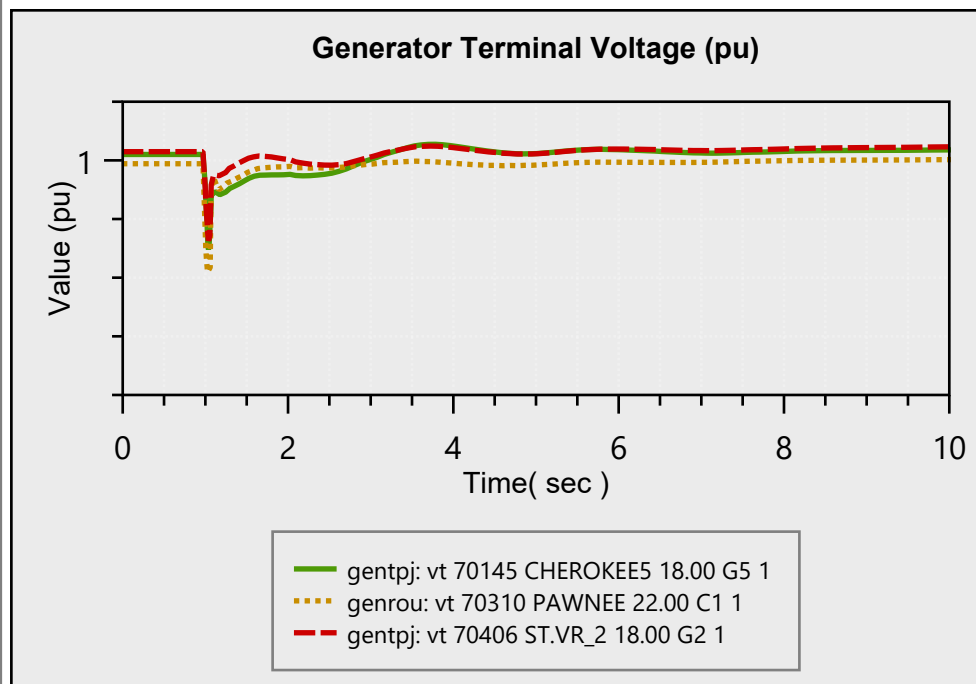
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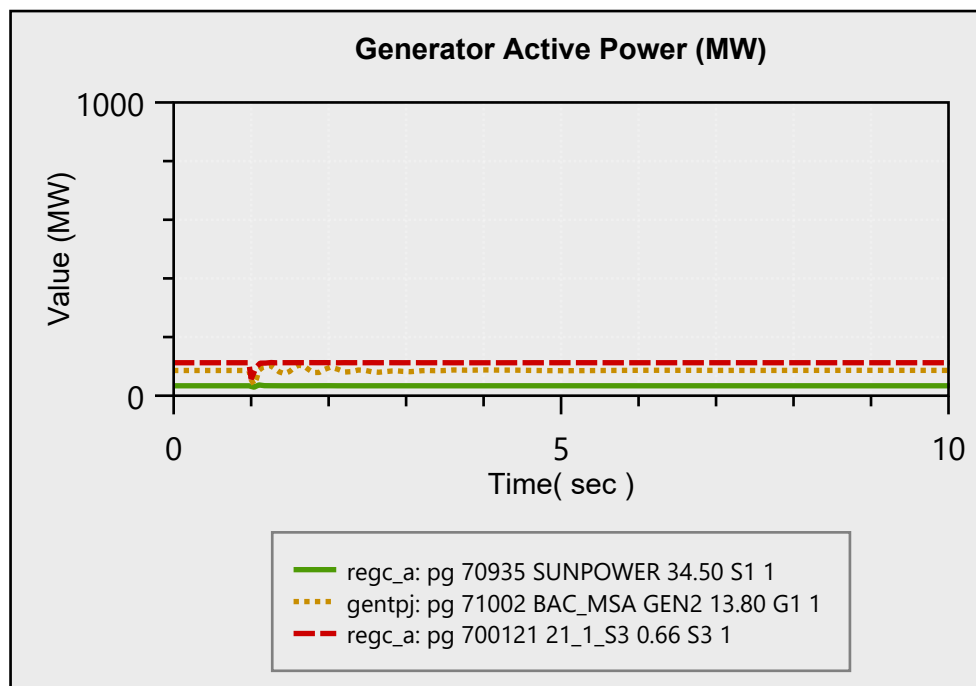
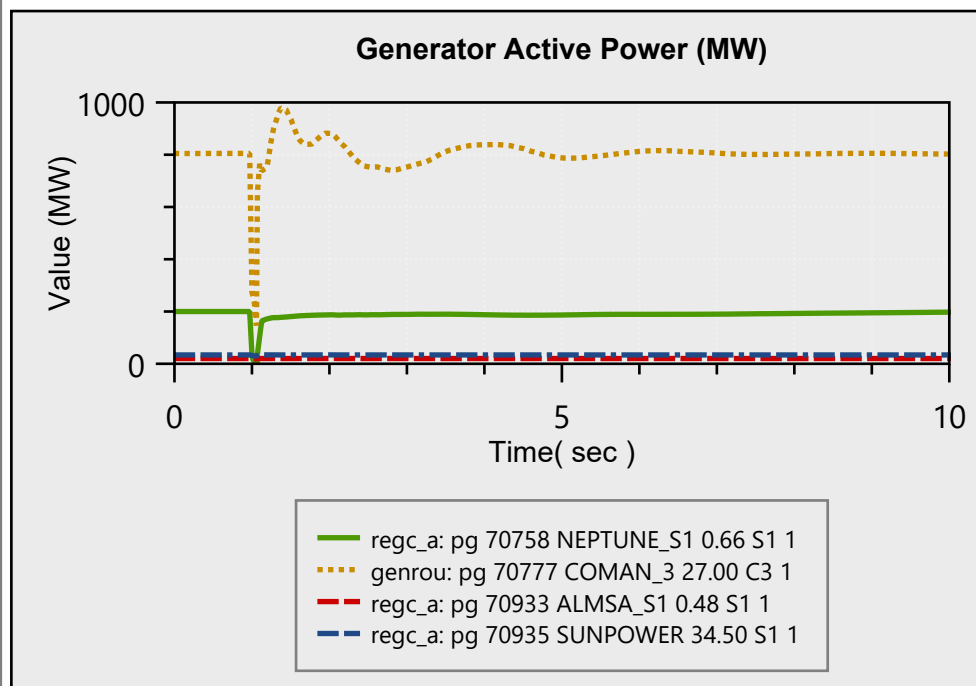
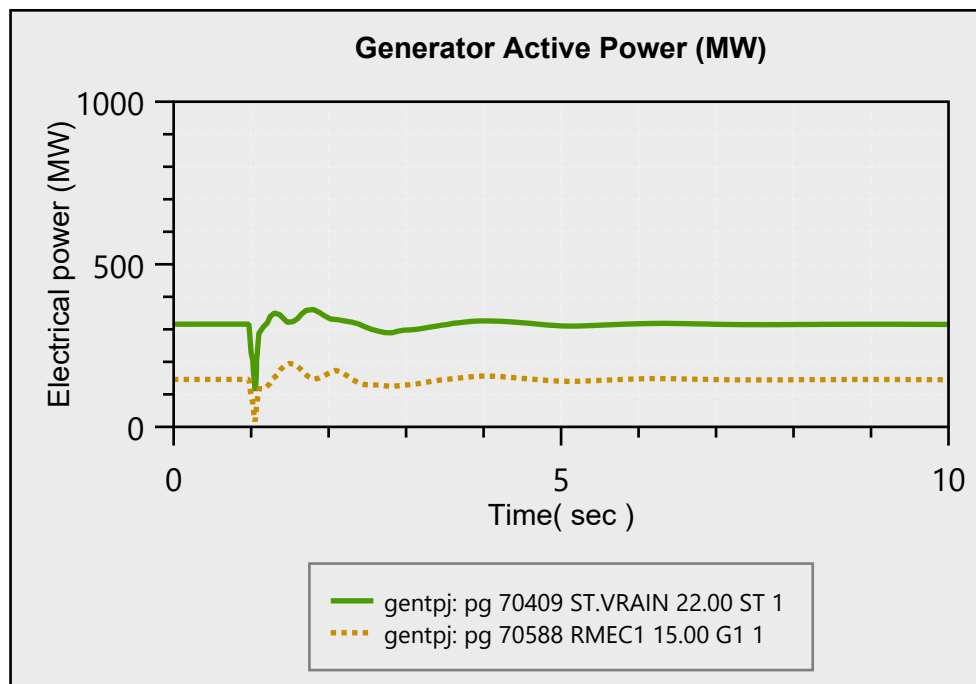
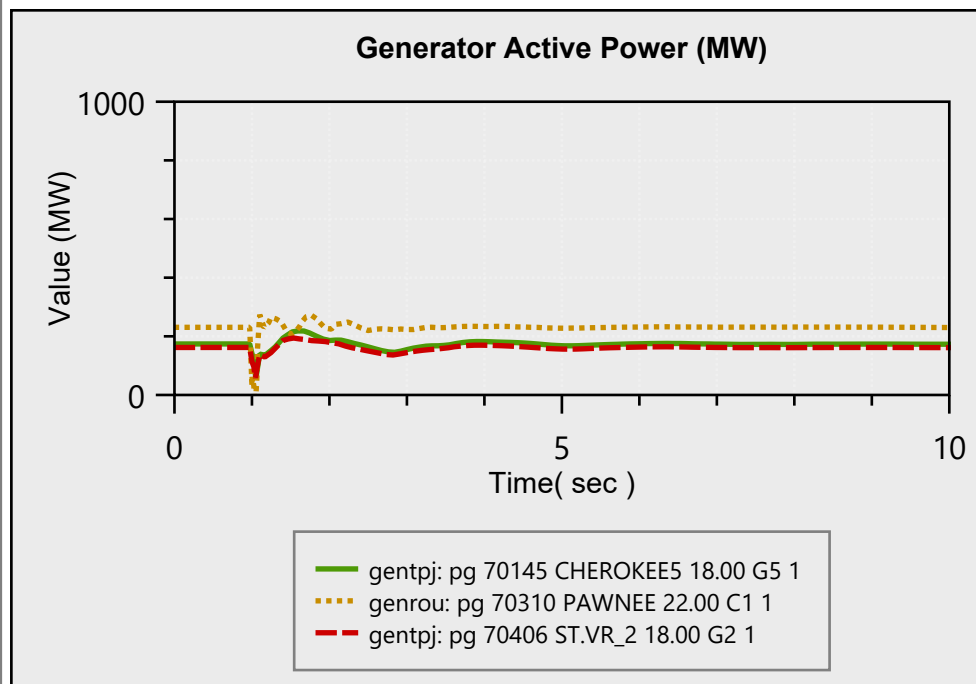
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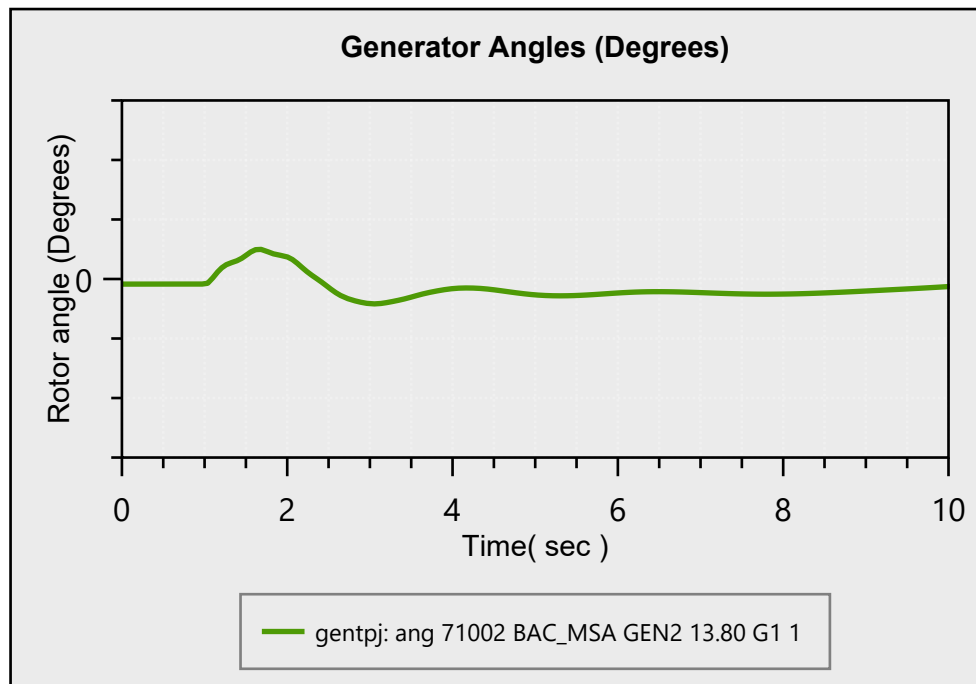
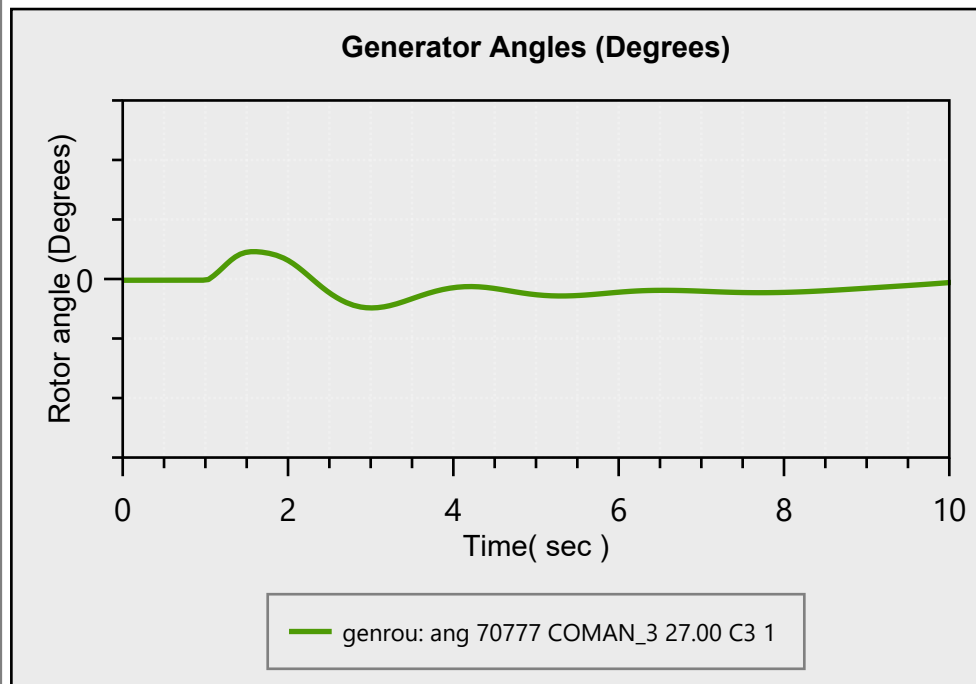
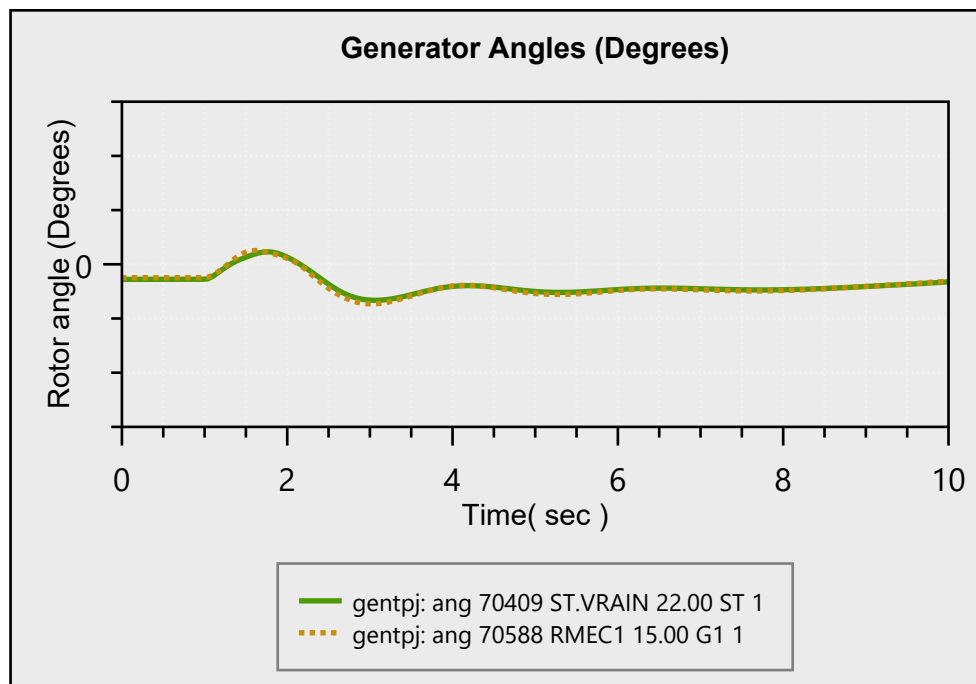
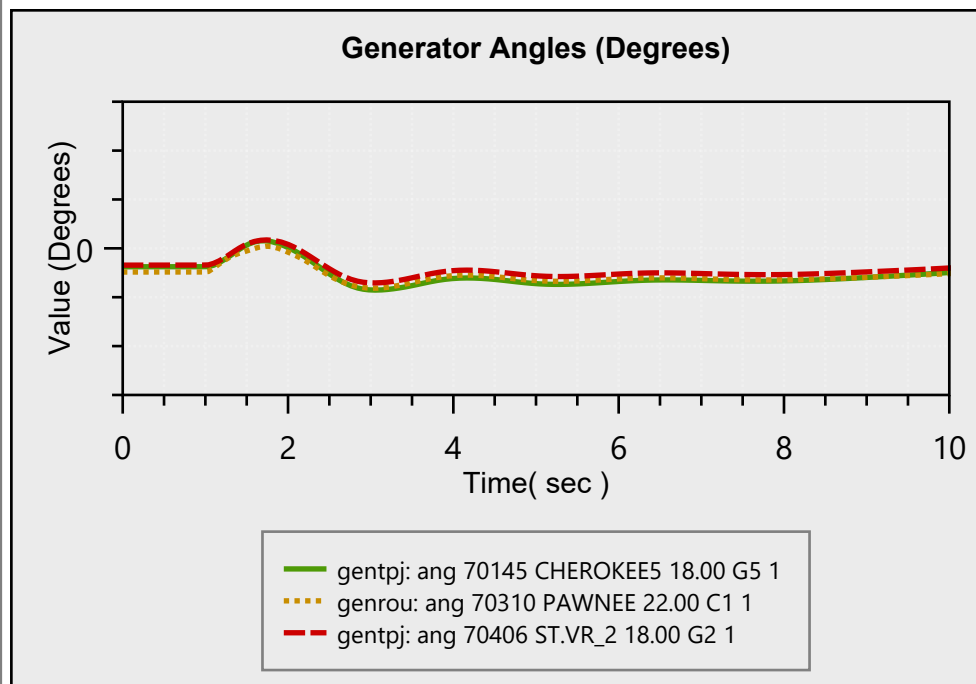
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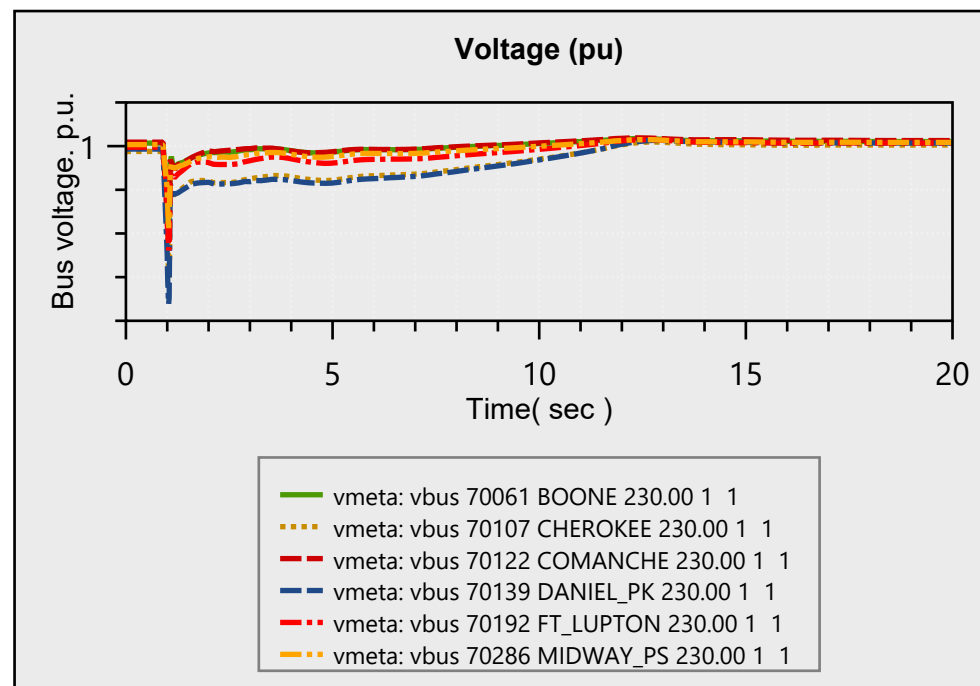
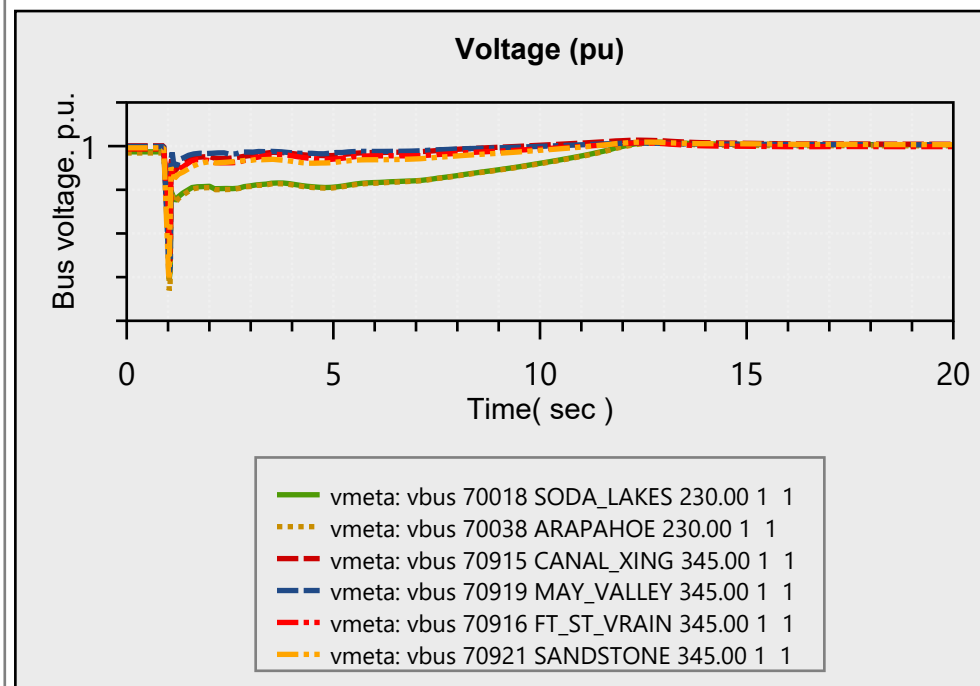
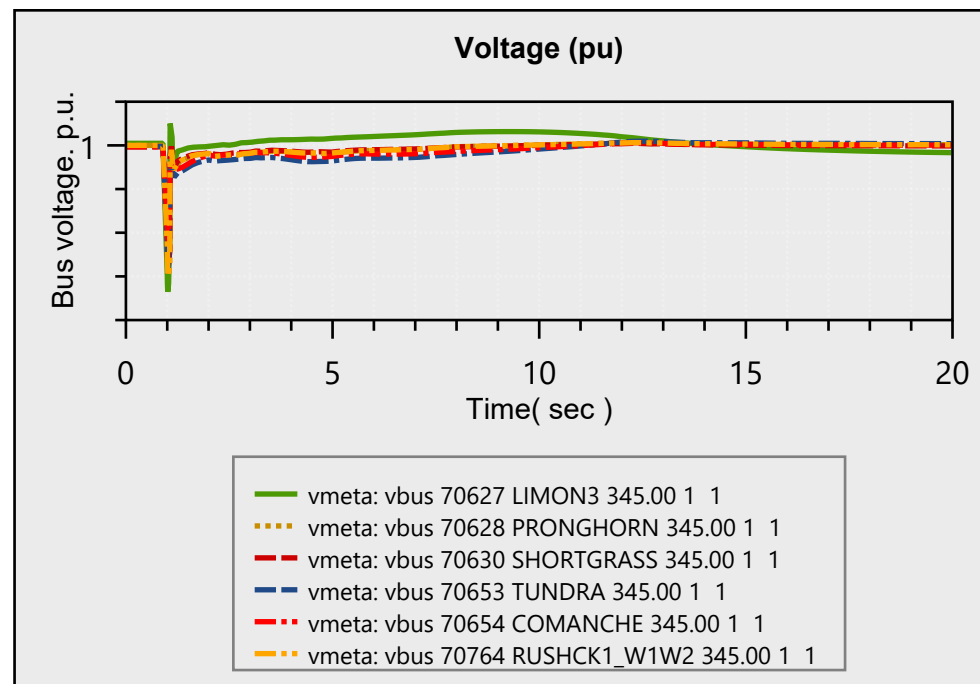
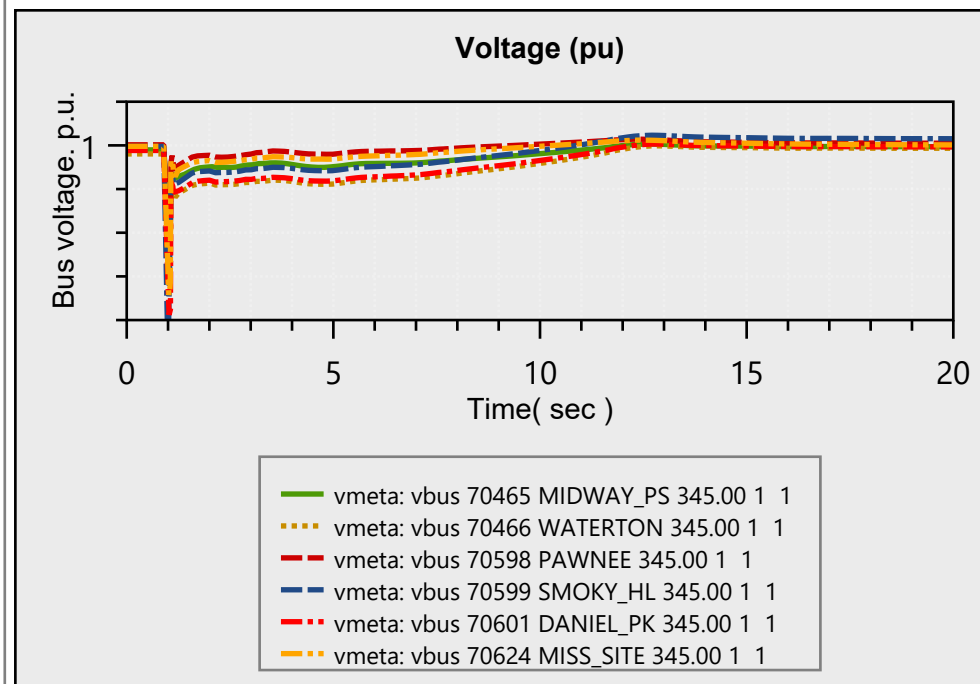
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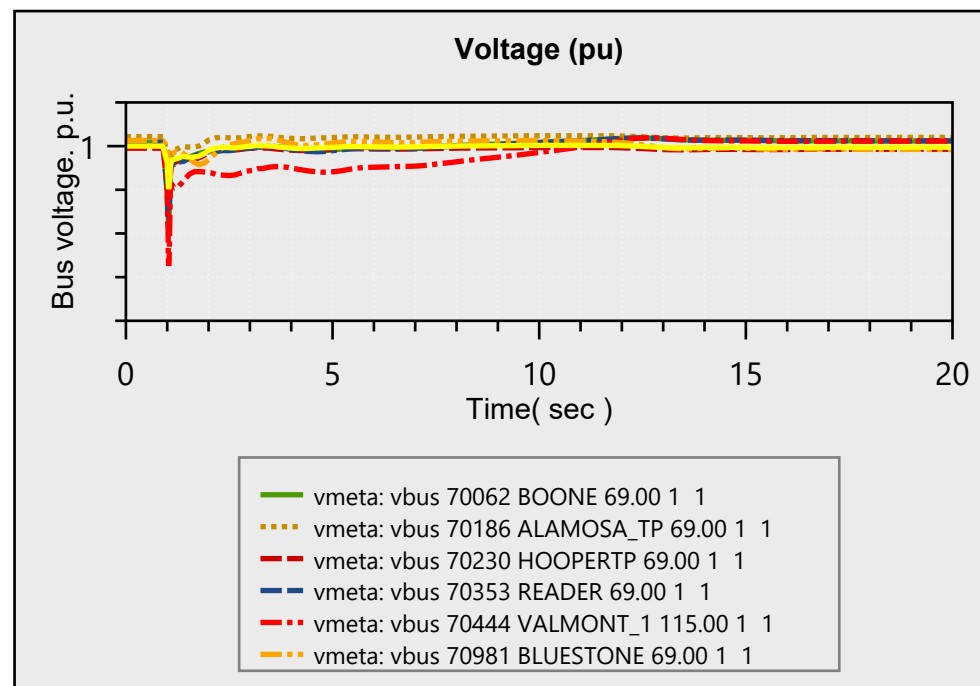
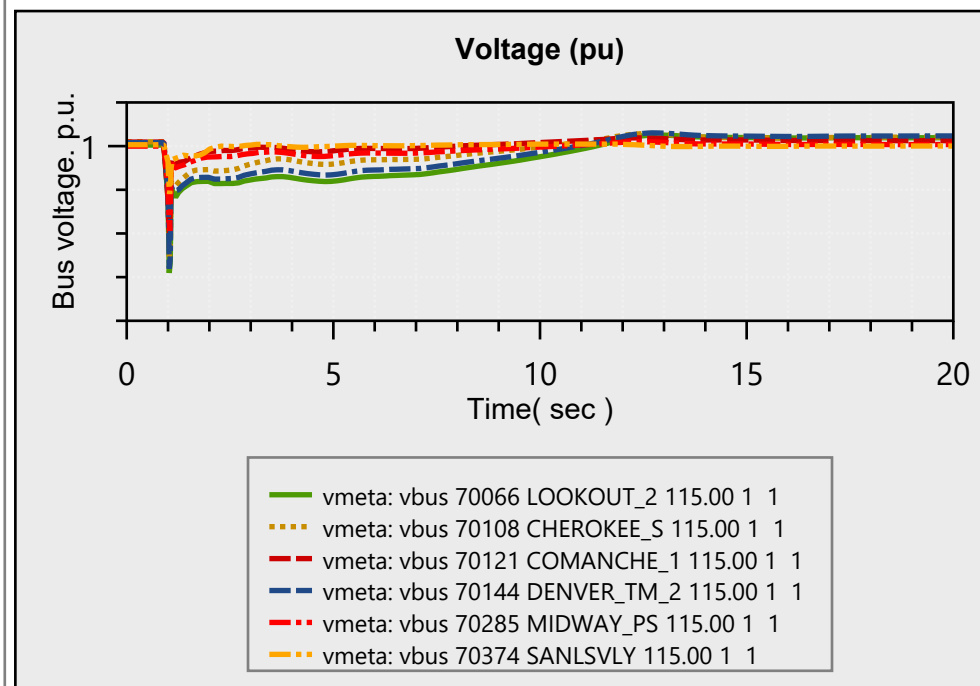
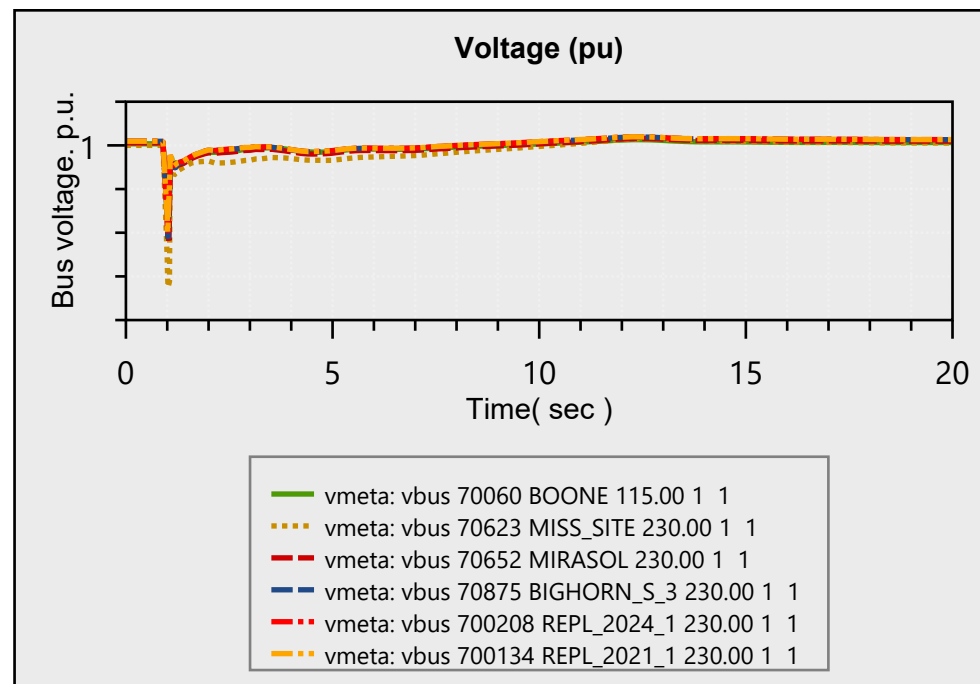
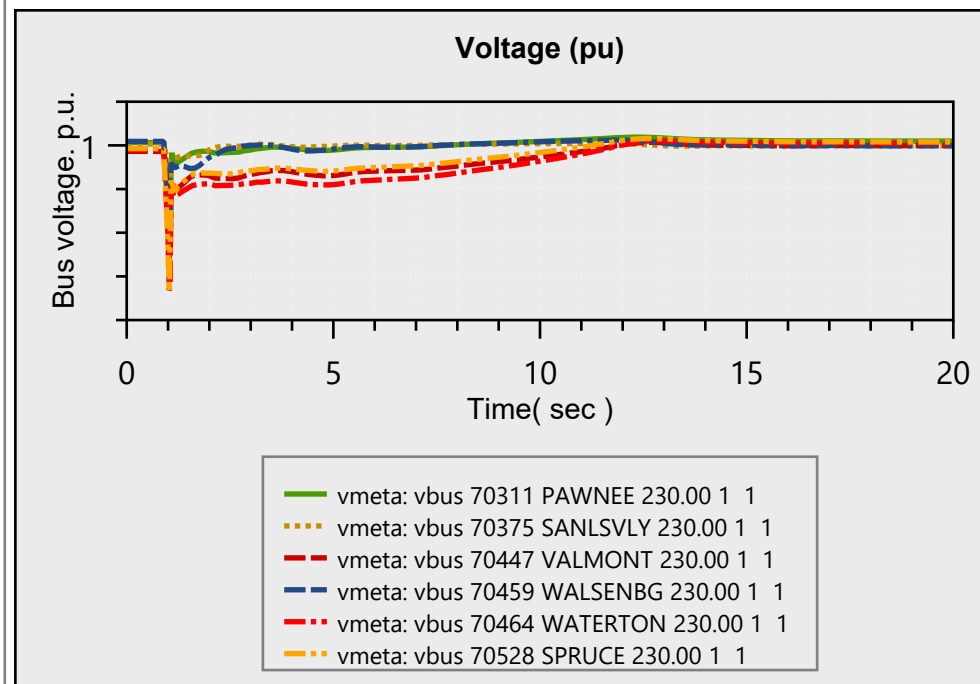
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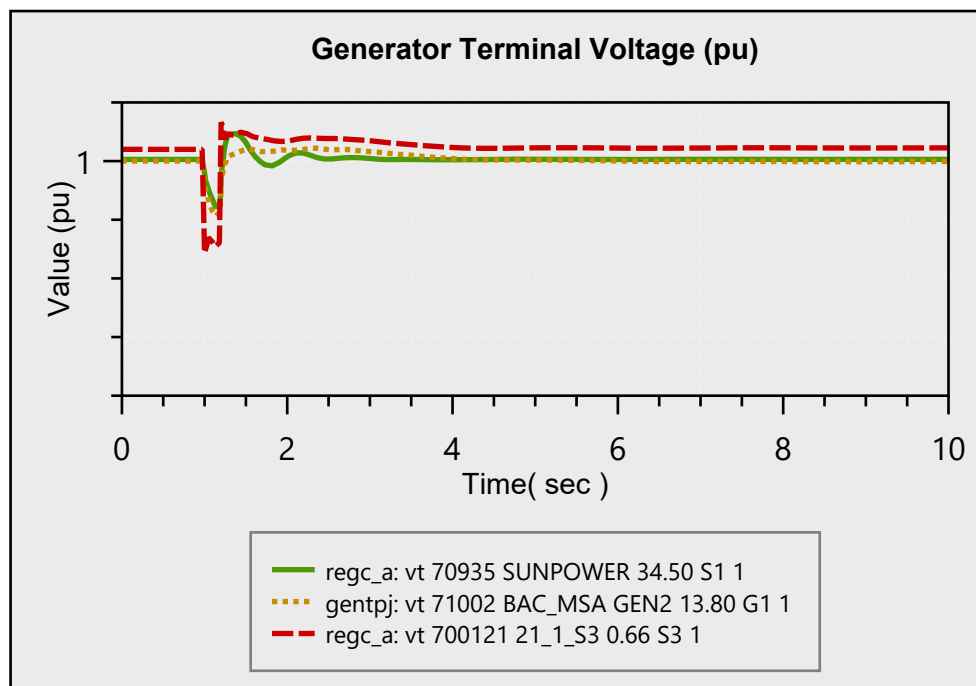
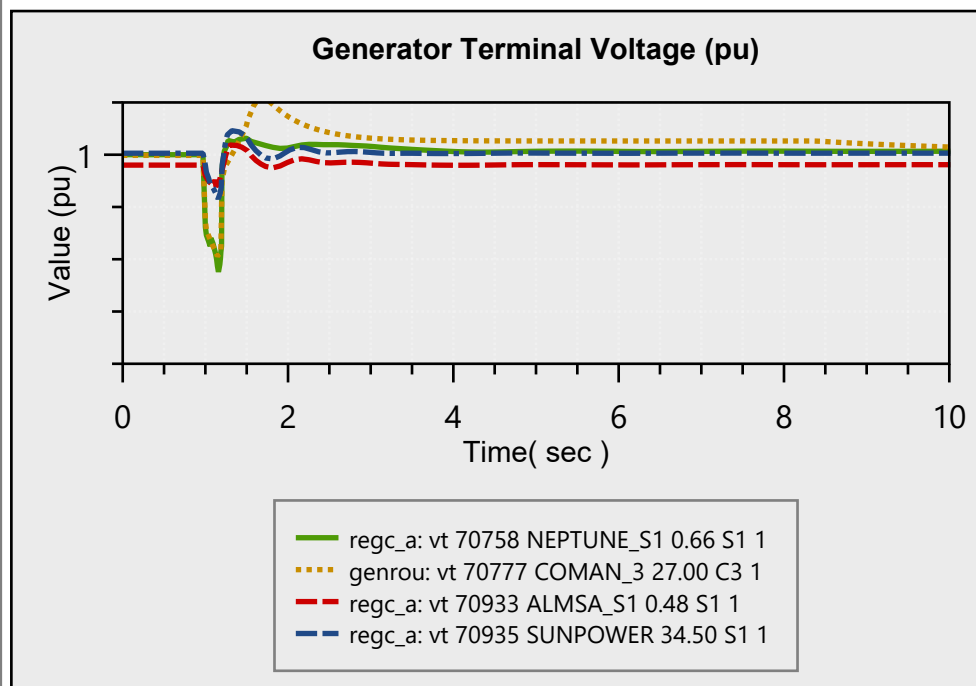
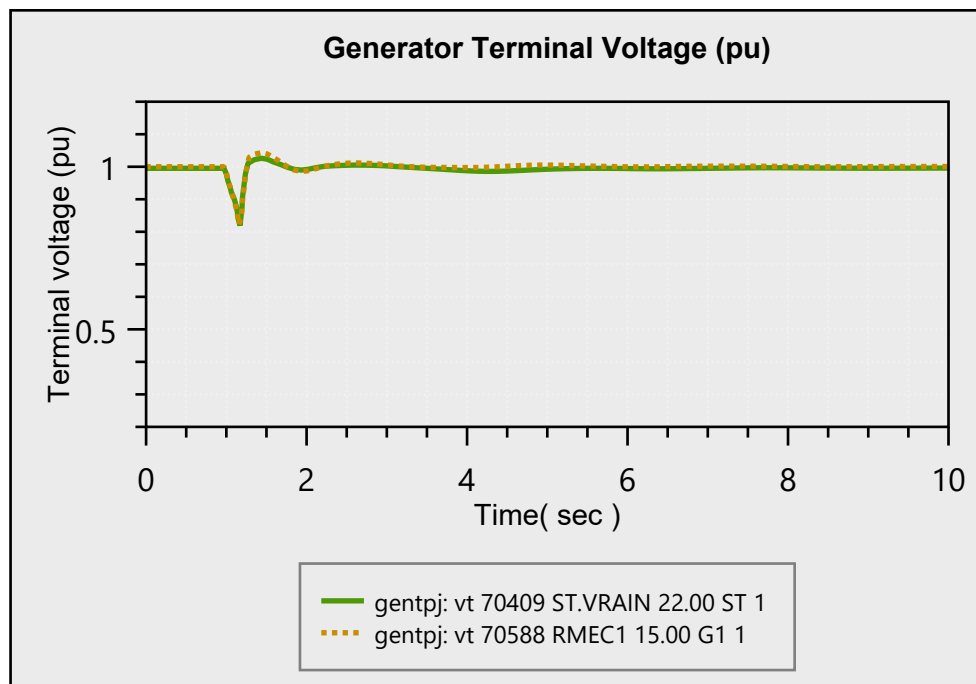
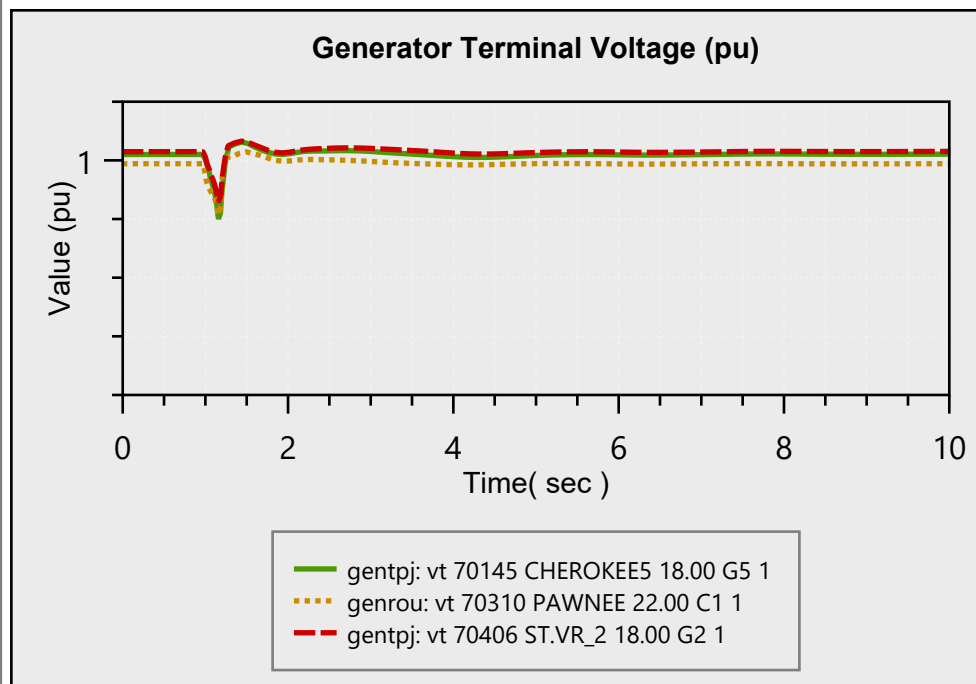
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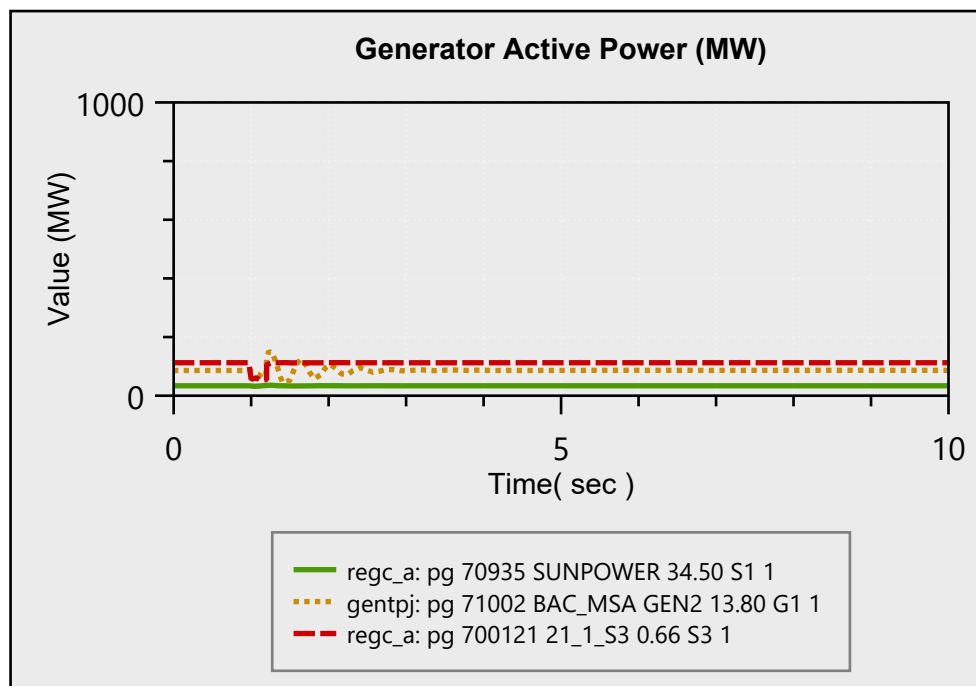
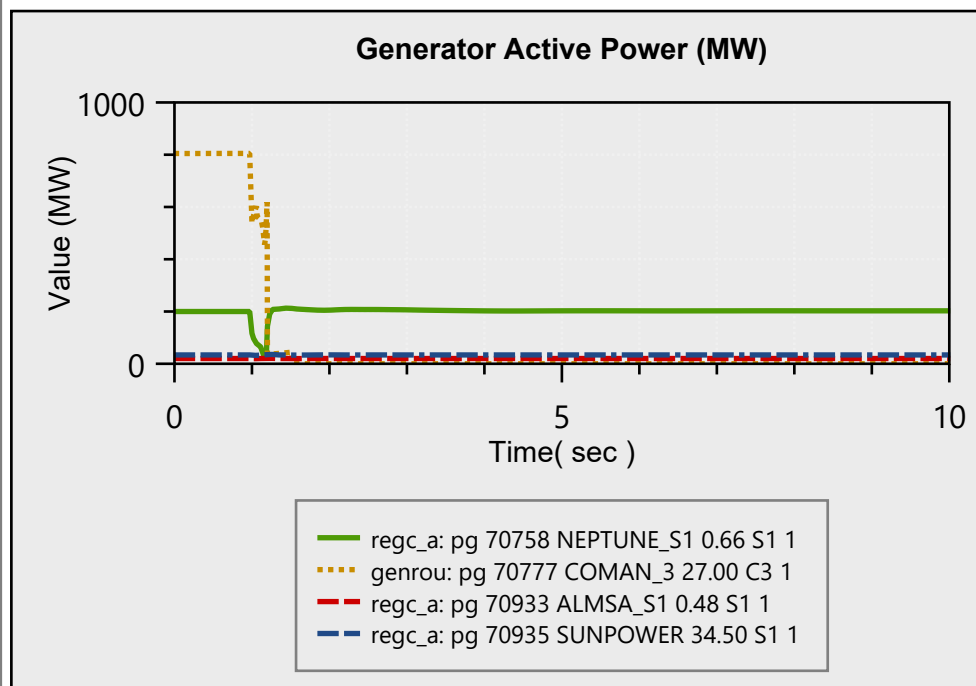
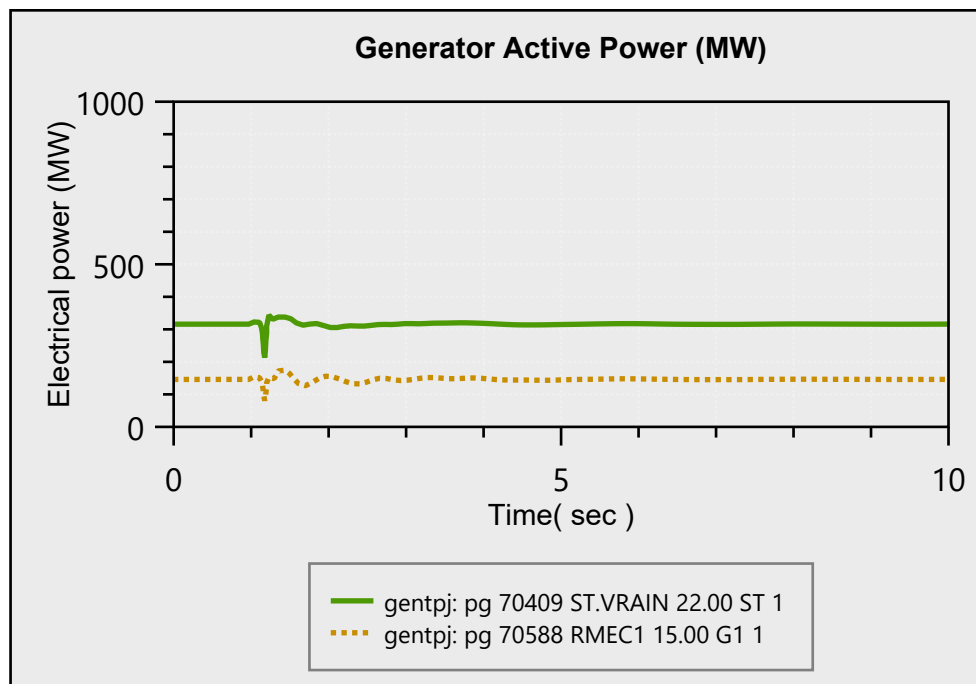
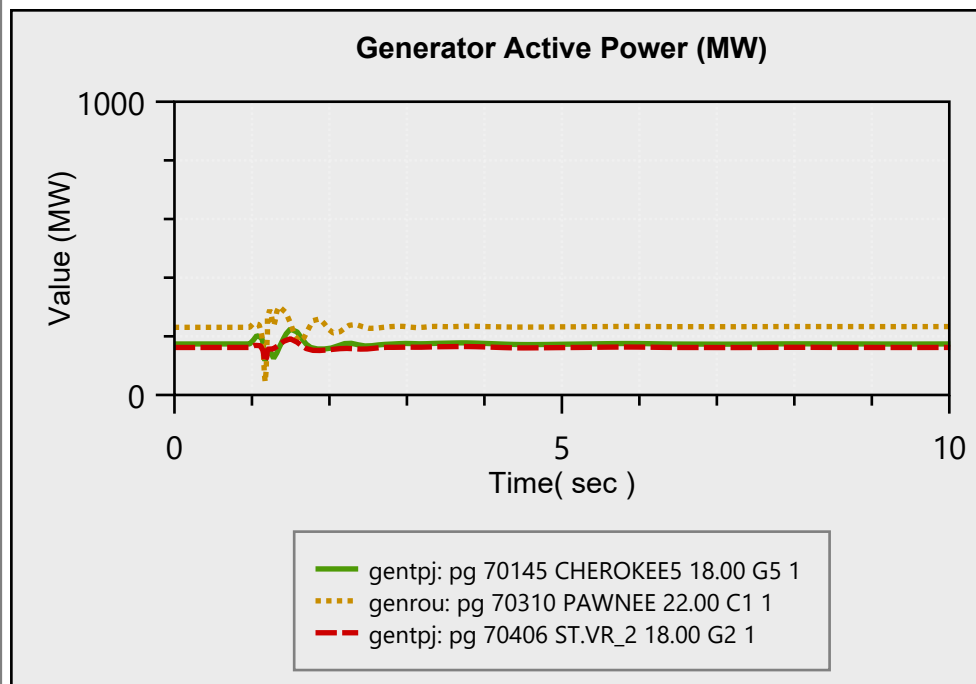
OUTPUTS



OUTPUTS

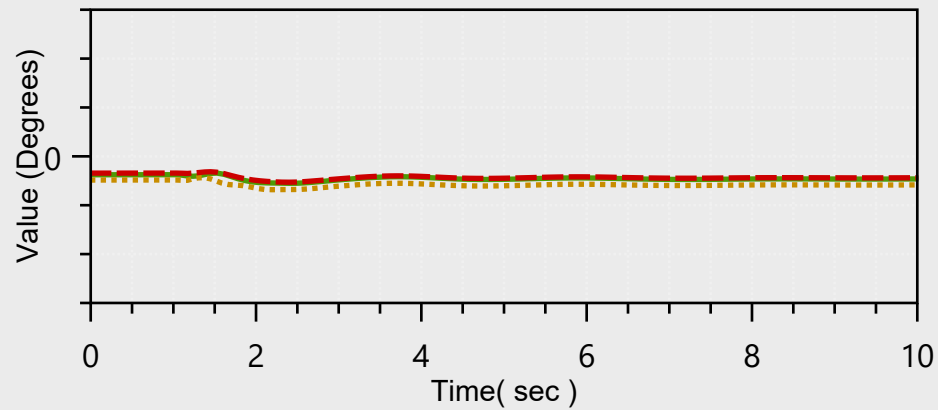


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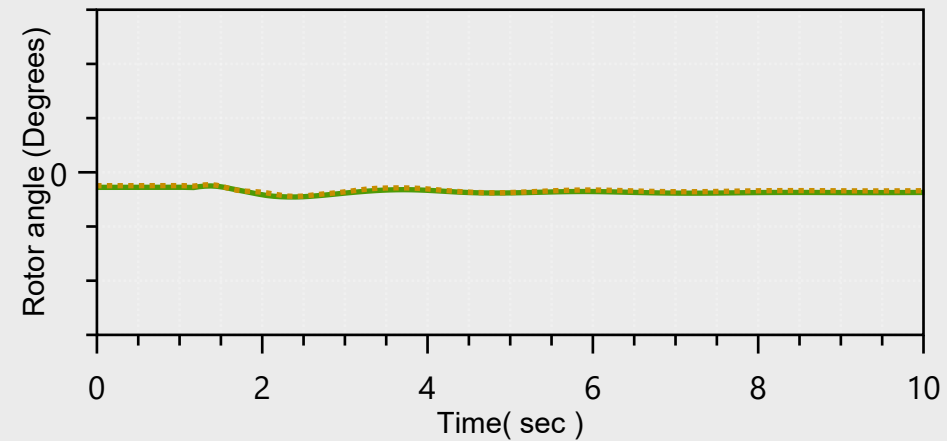


OUTPUTS

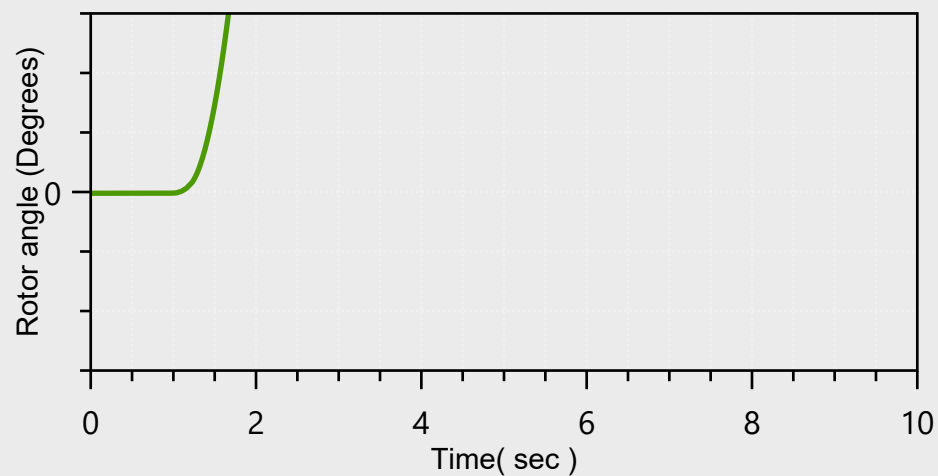
Generator Angles (Degrees)



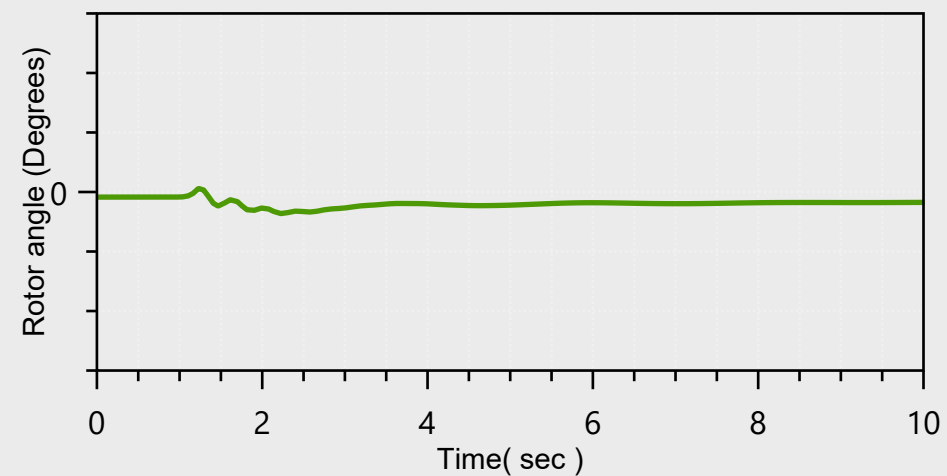
Generator Angles (Degrees)



Generator Angles (Degrees)

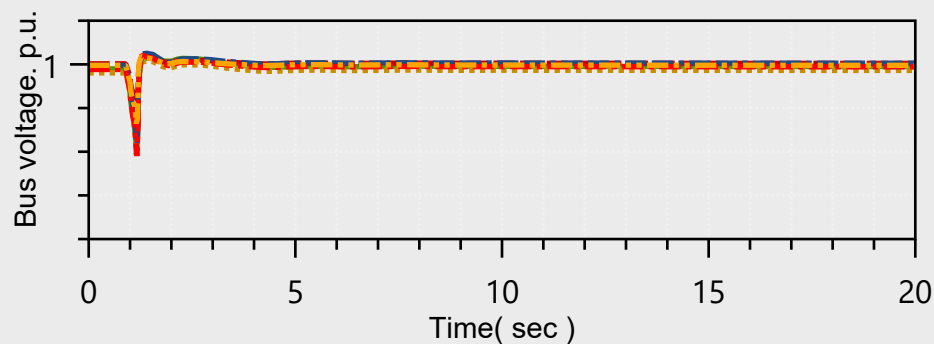


Generator Angles (Degrees)

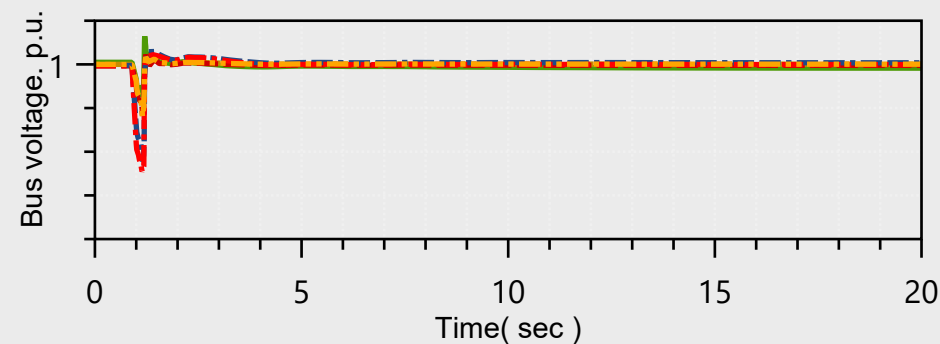


OUTPUTS

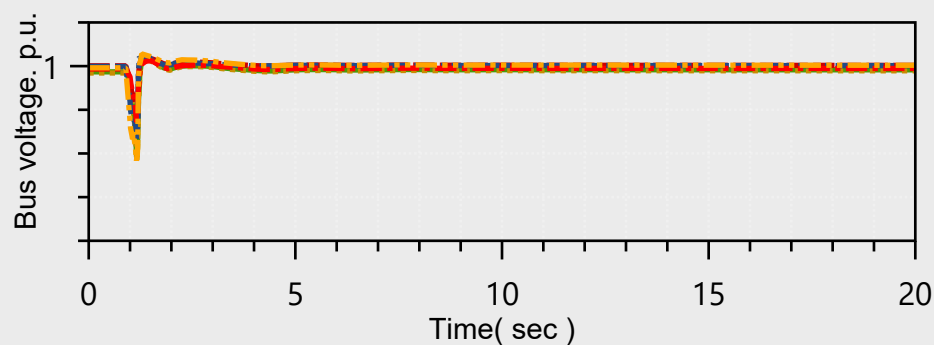
Voltage (pu)



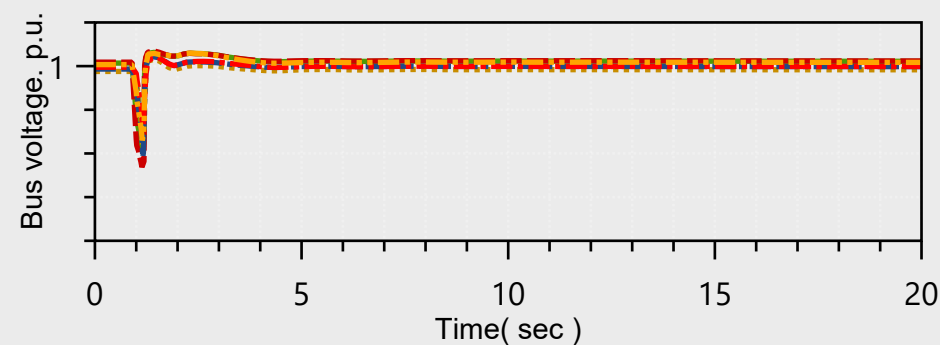
Voltage (pu)



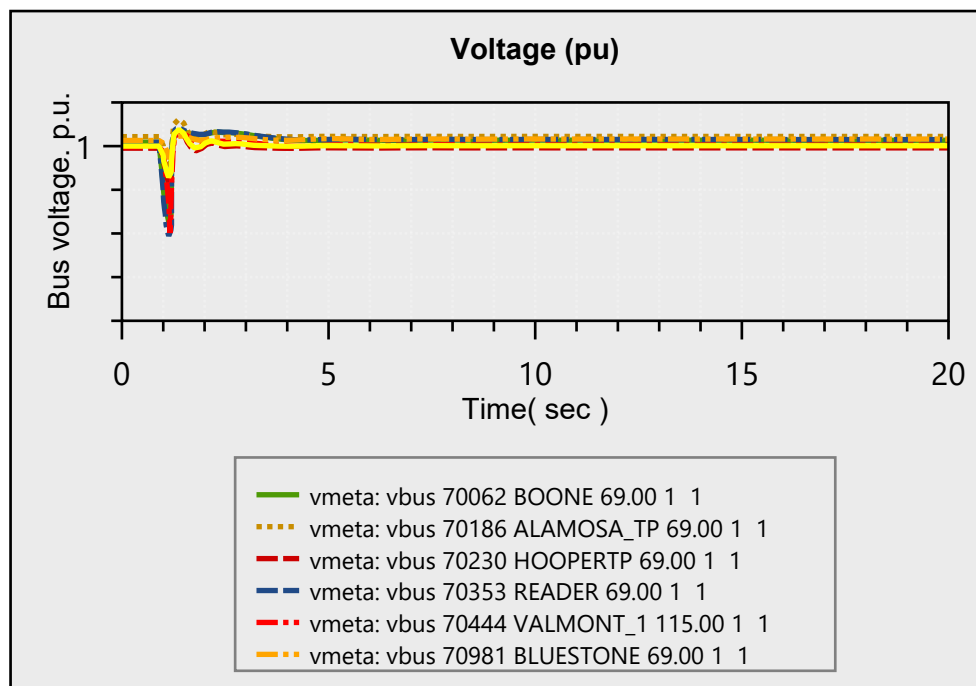
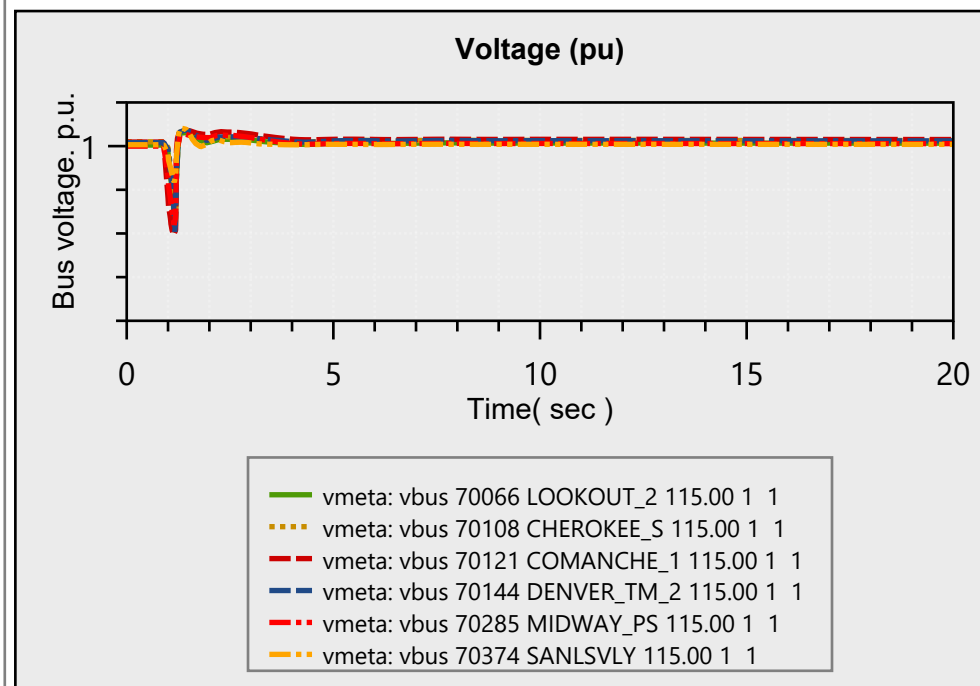
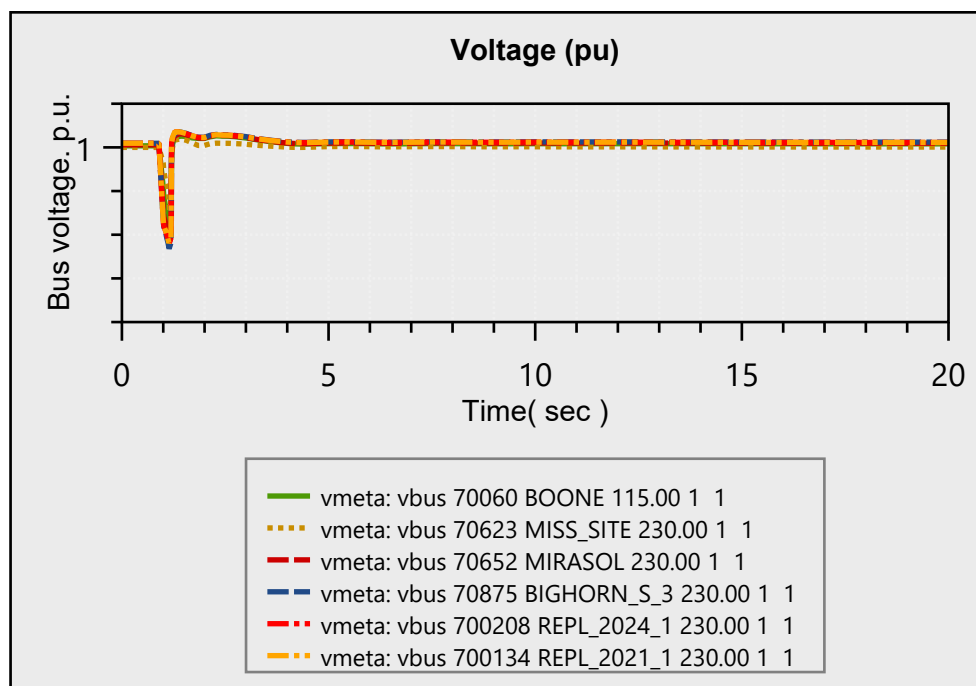
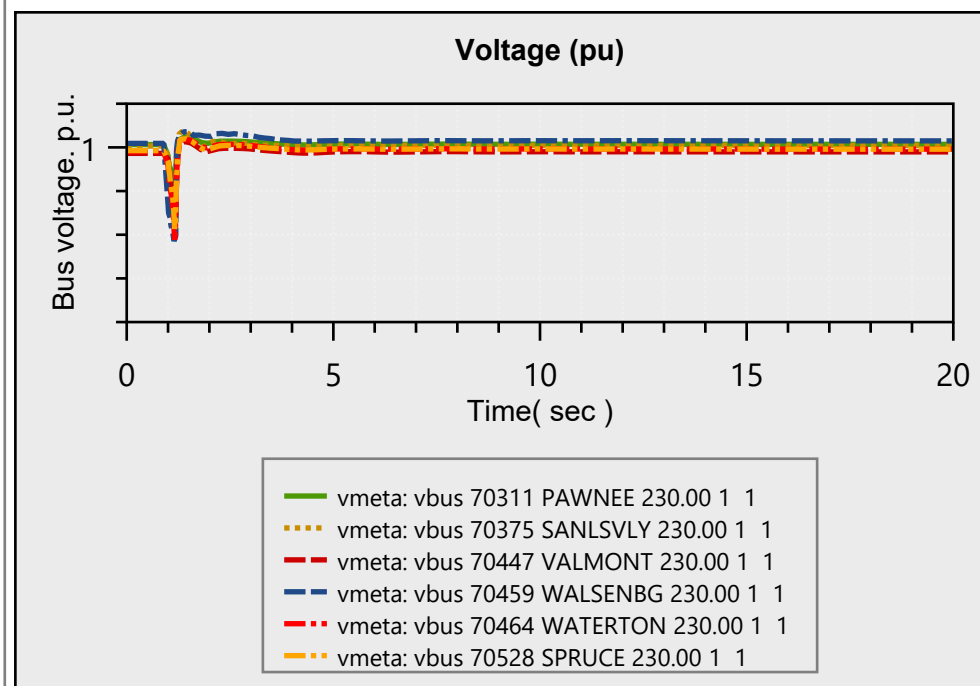
Voltage (pu)



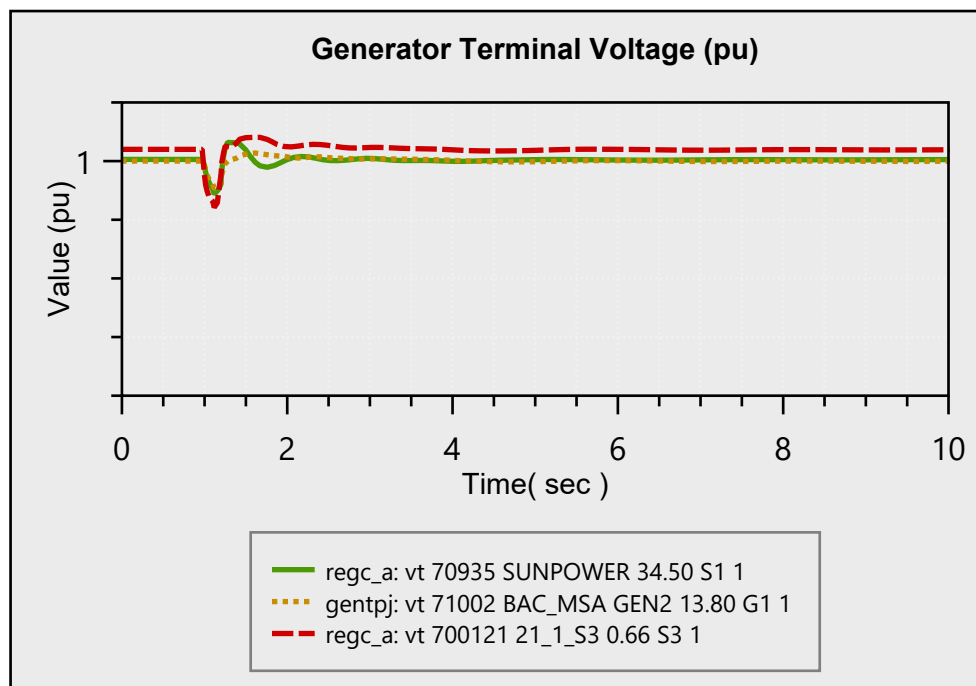
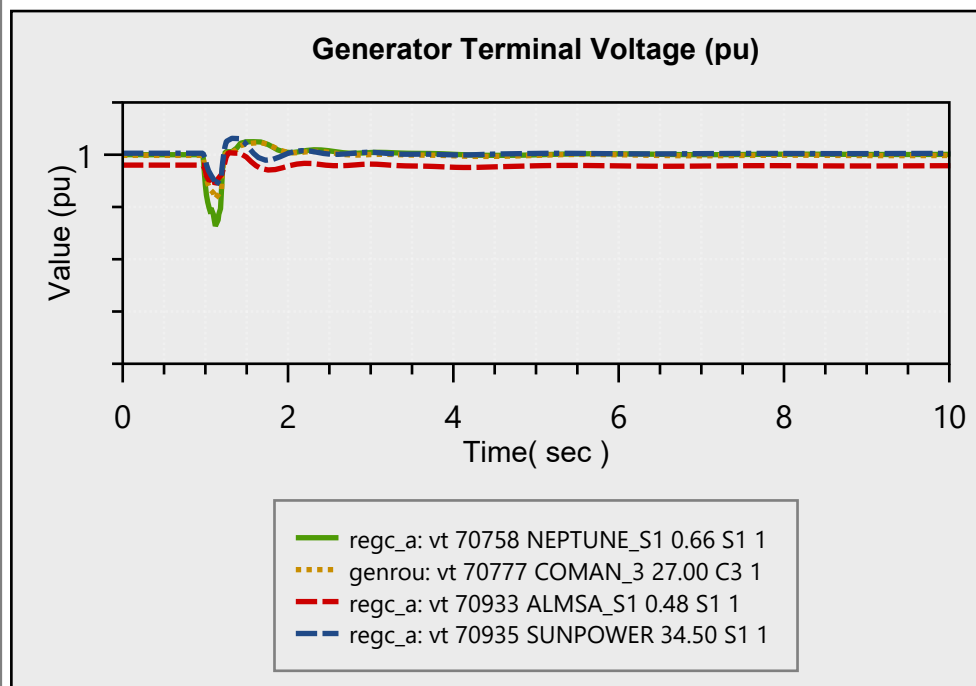
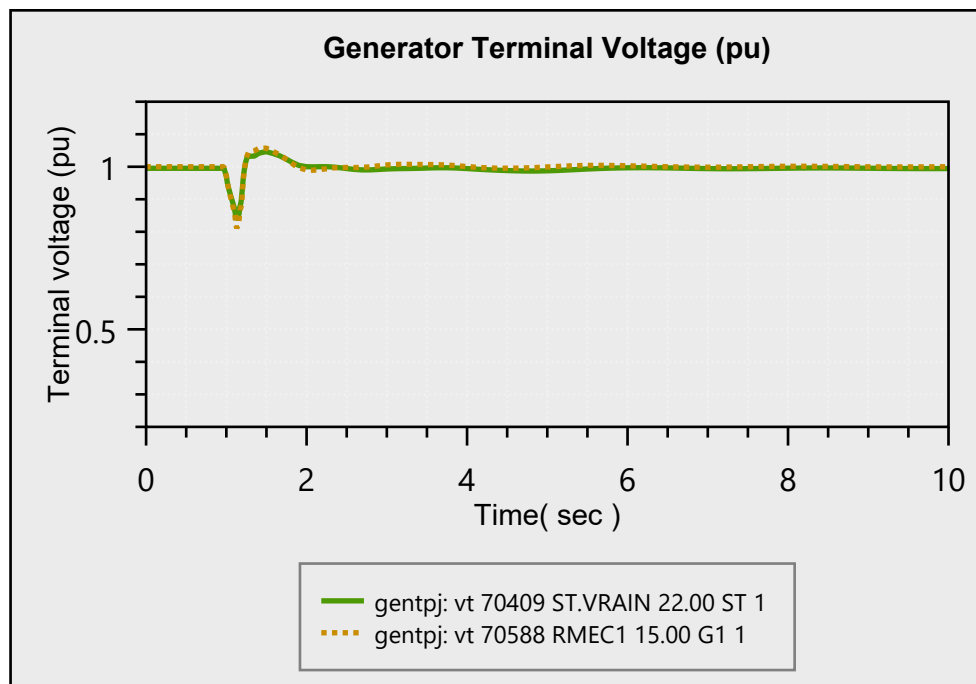
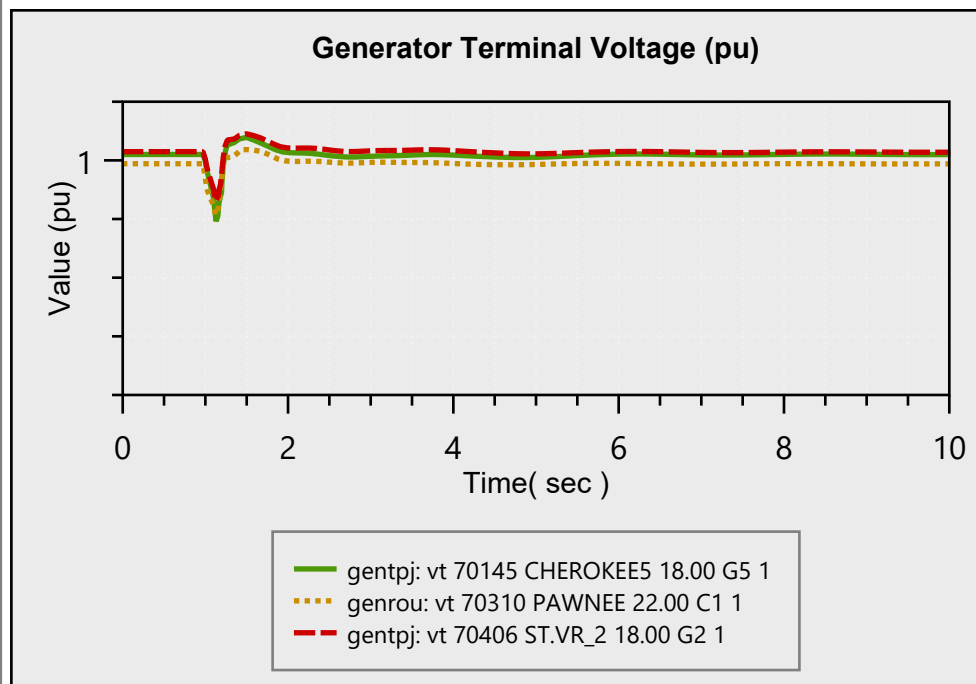
Voltage (pu)



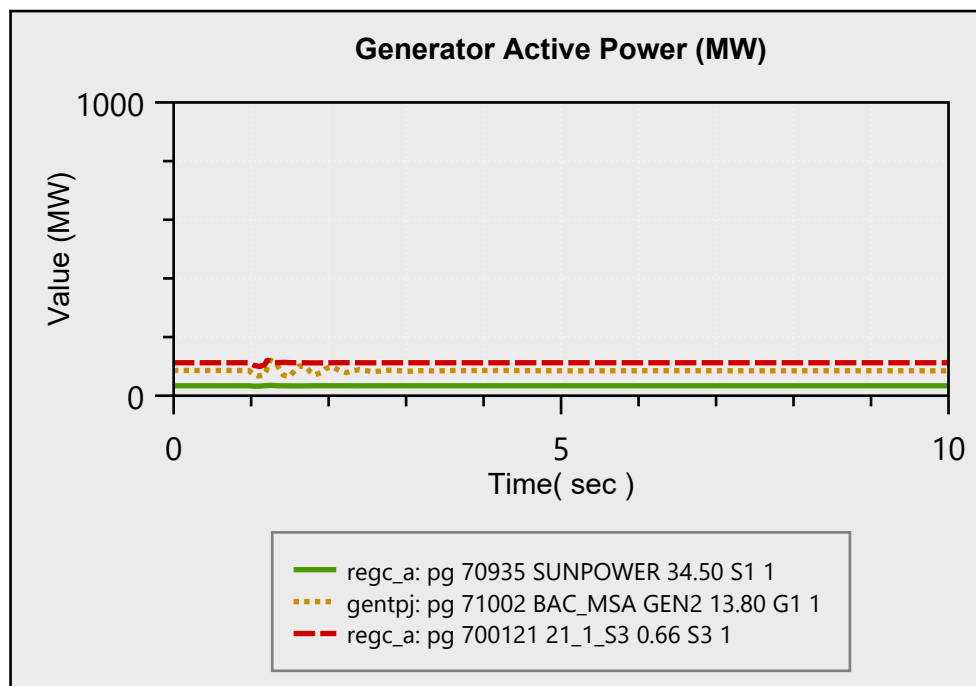
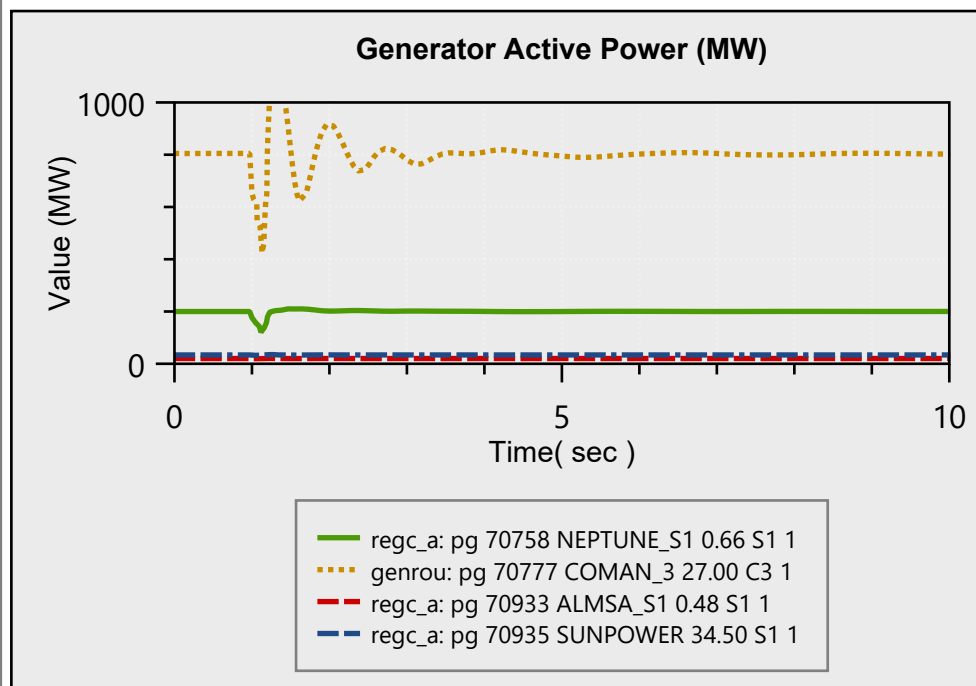
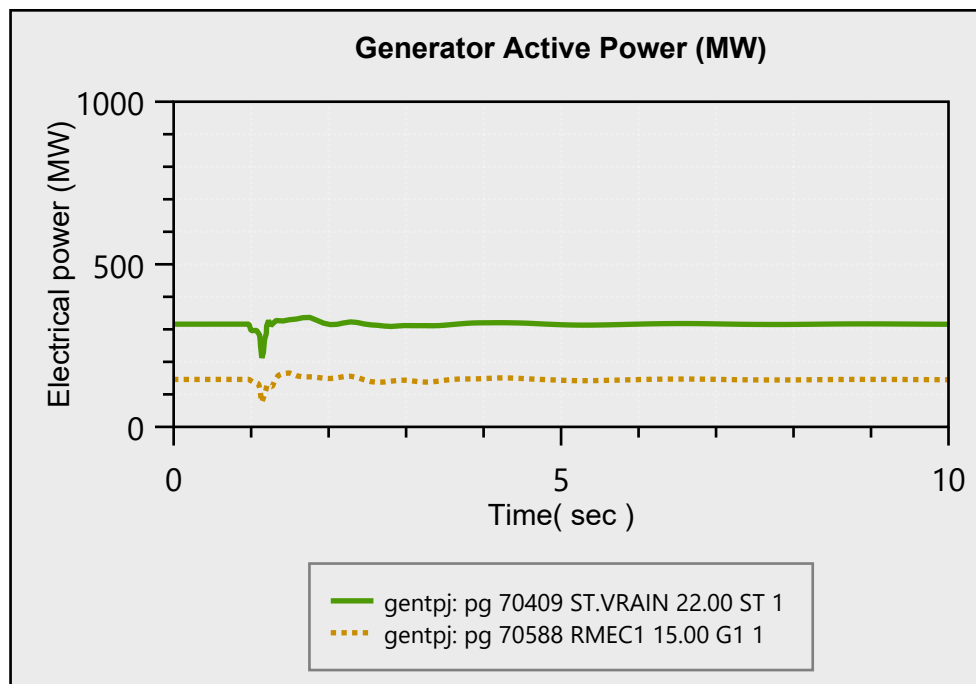
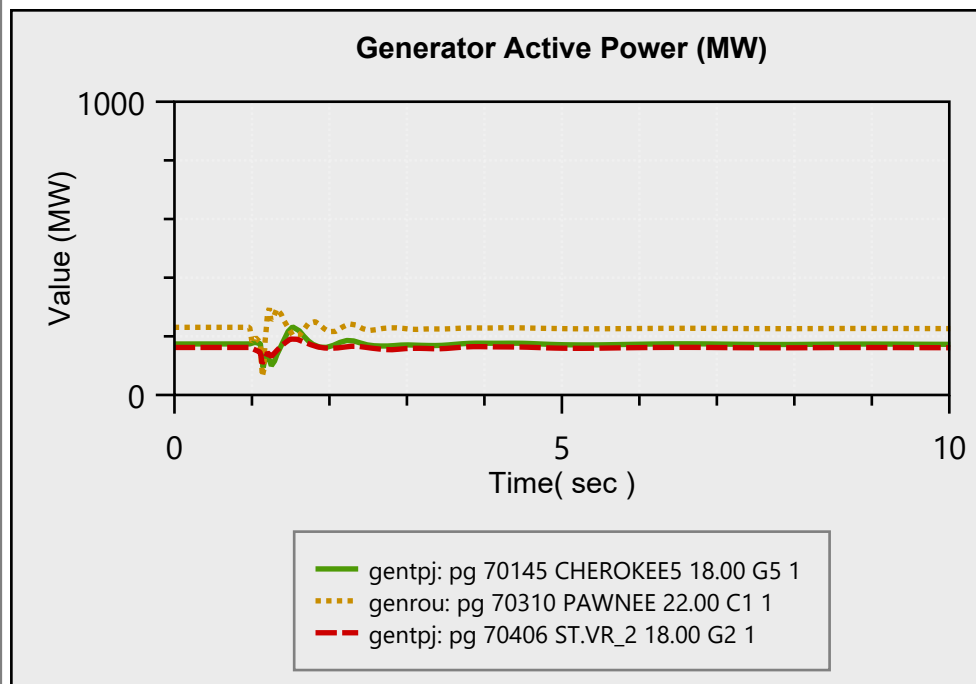
OUTPUTS



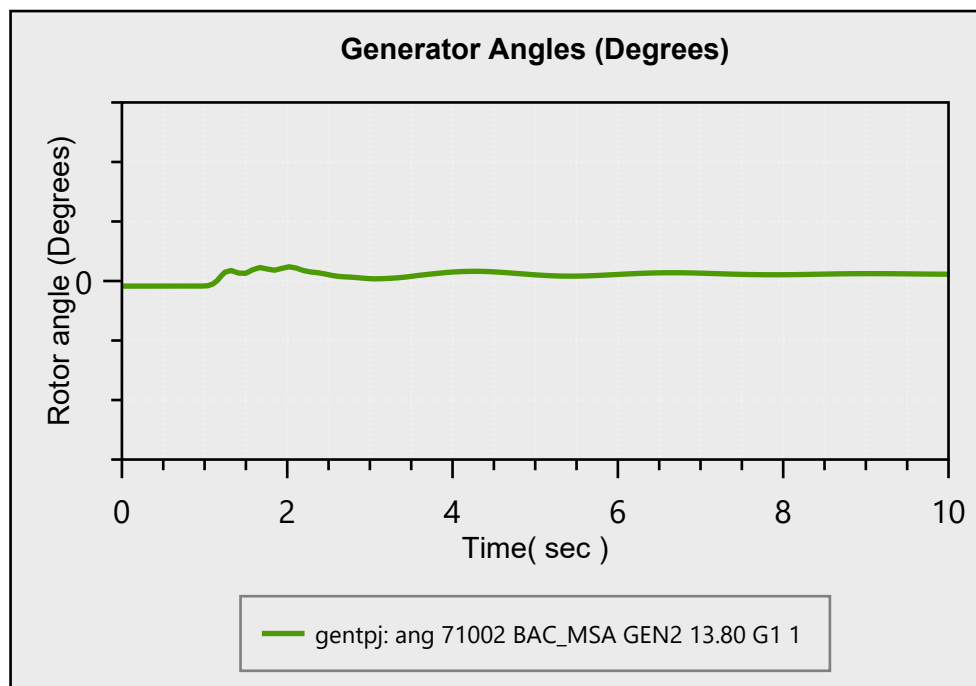
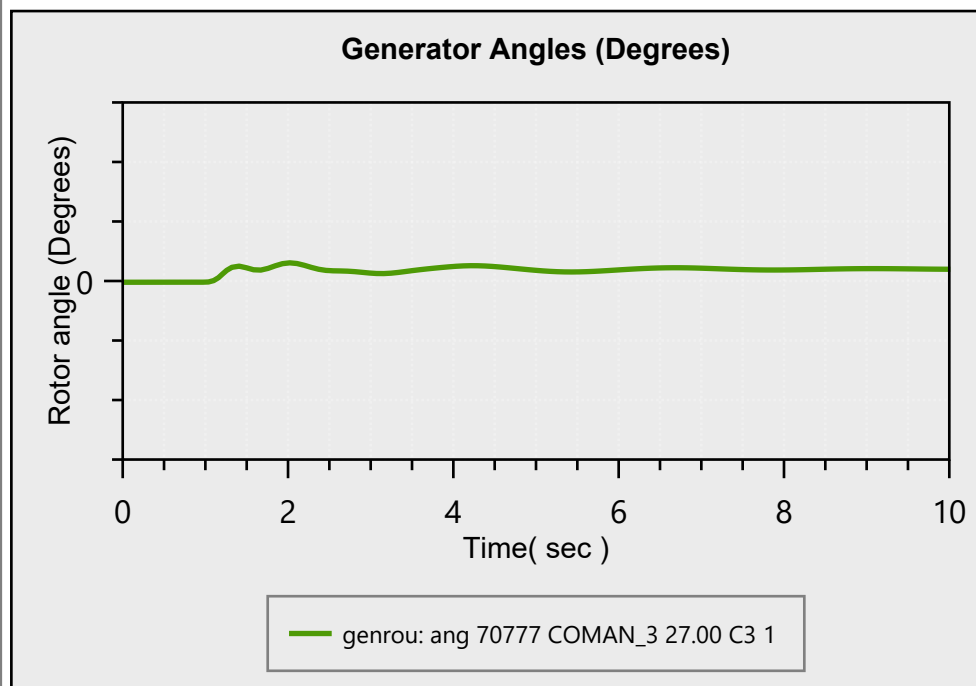
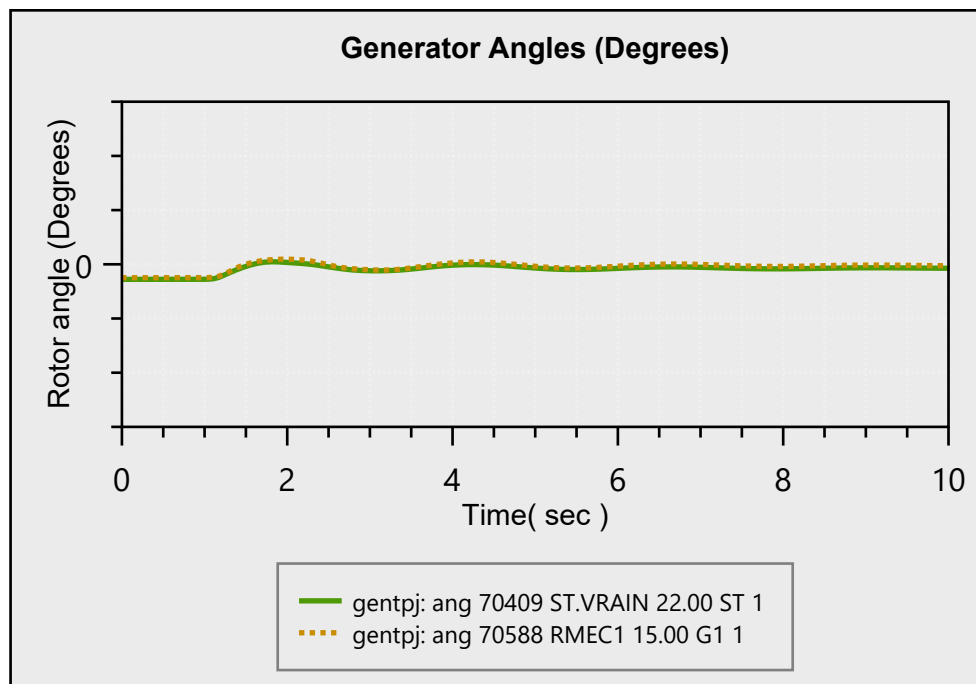
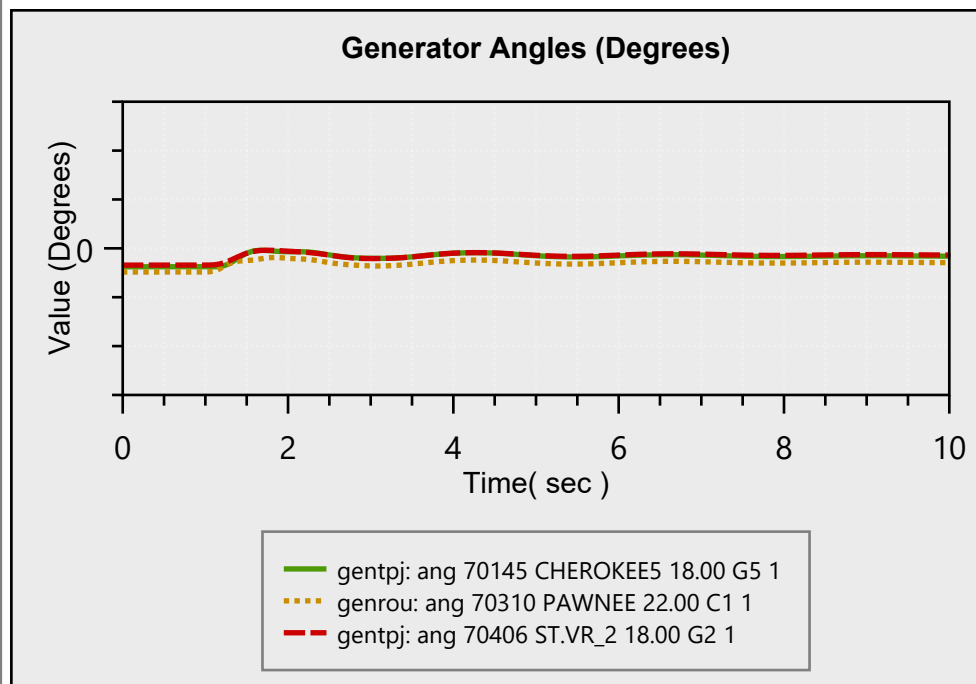
OUTPUTS



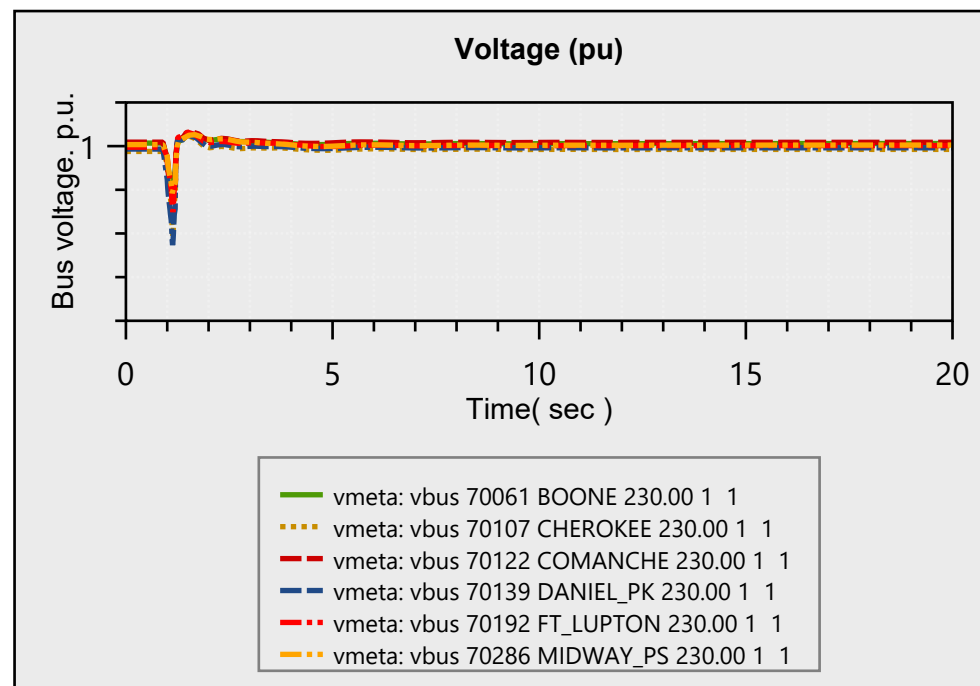
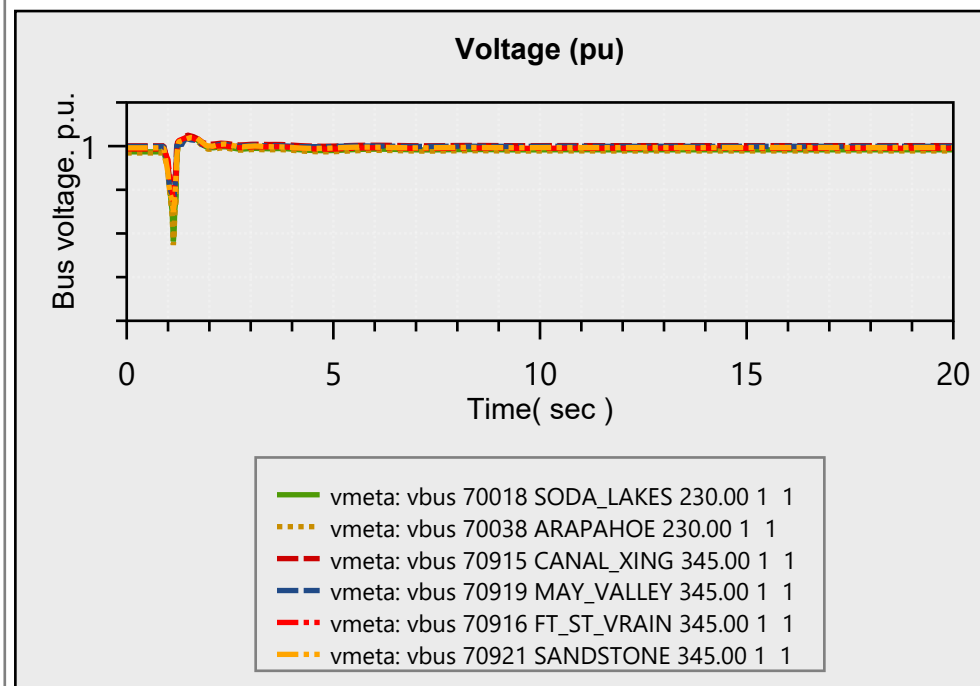
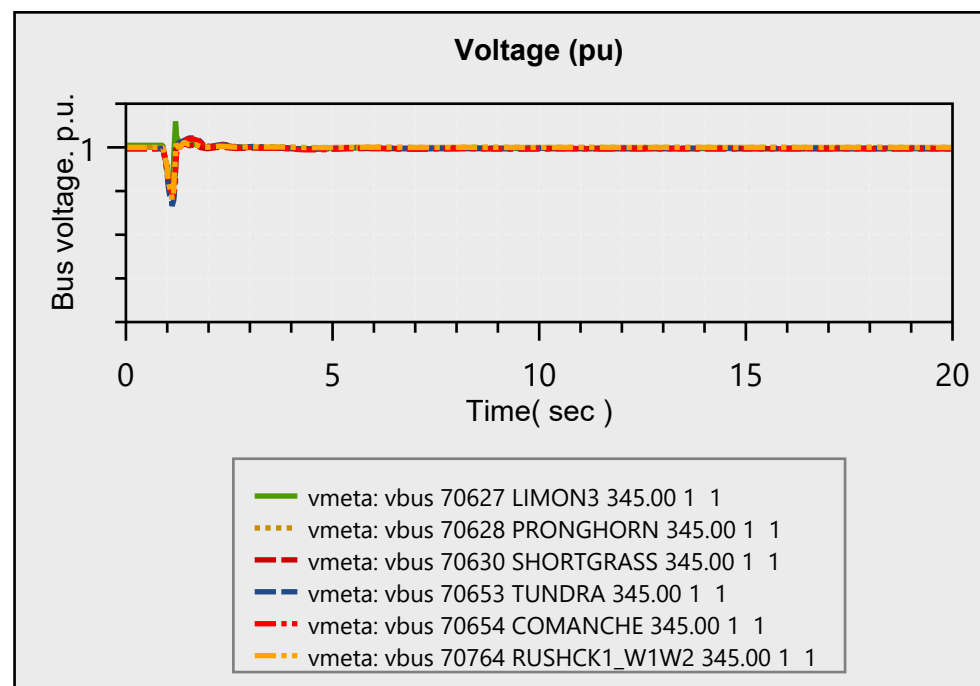
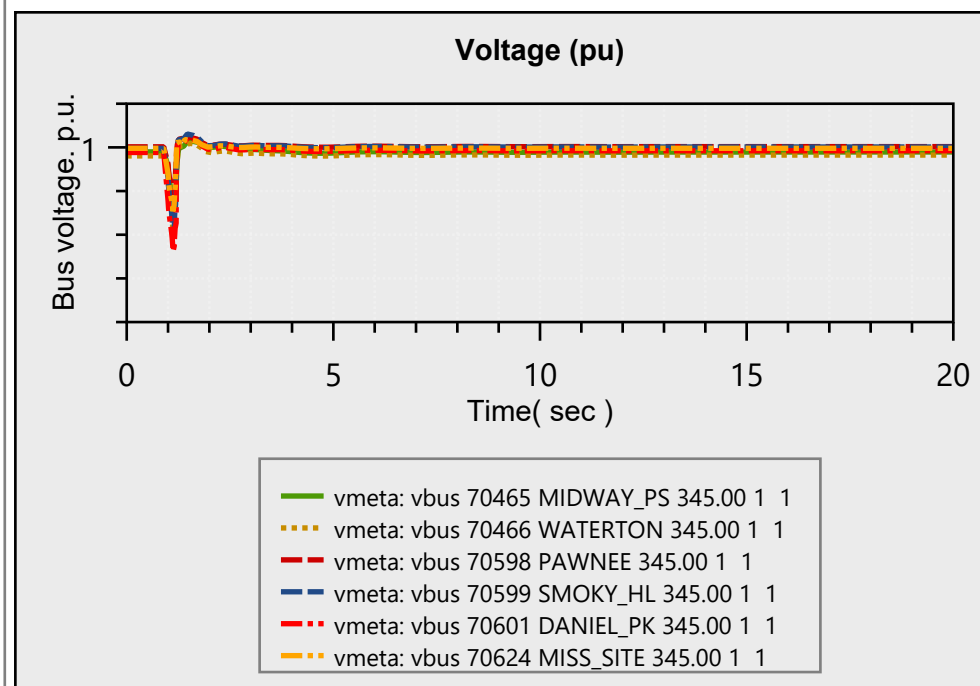
OUTPUTS



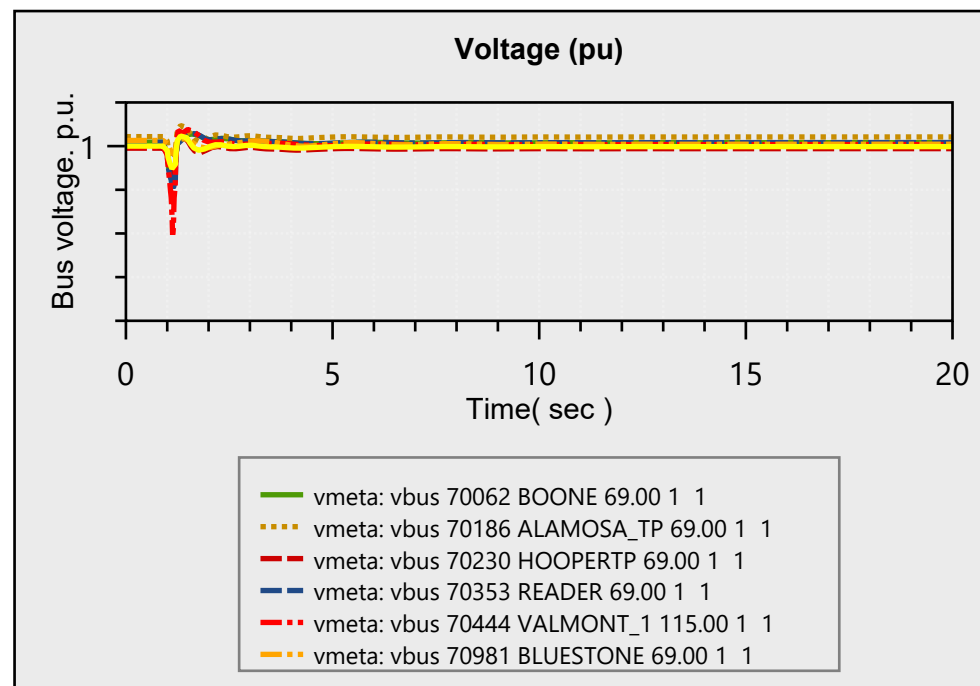
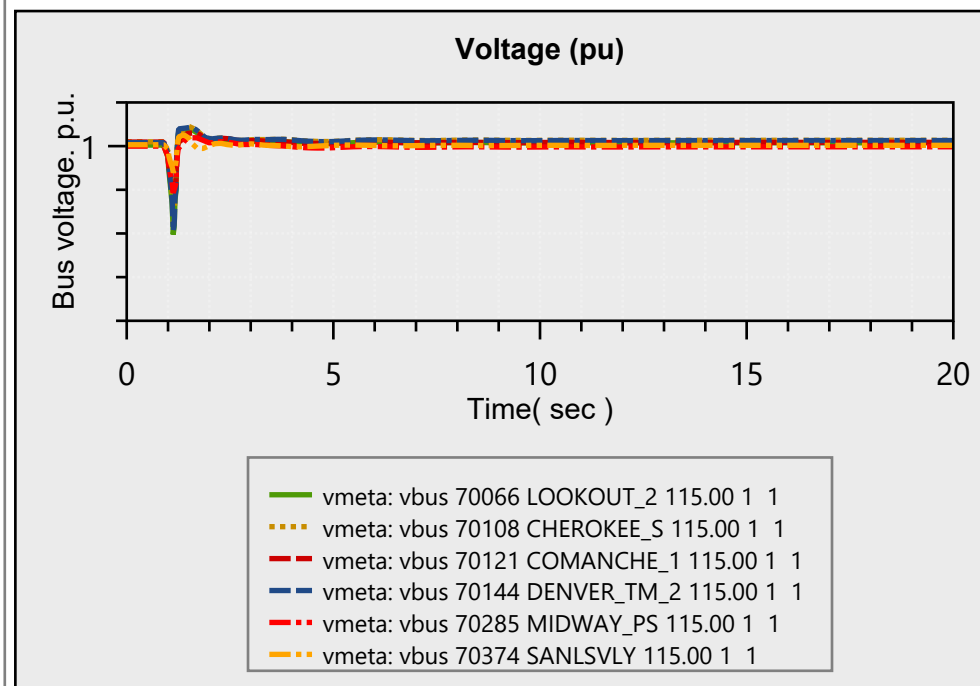
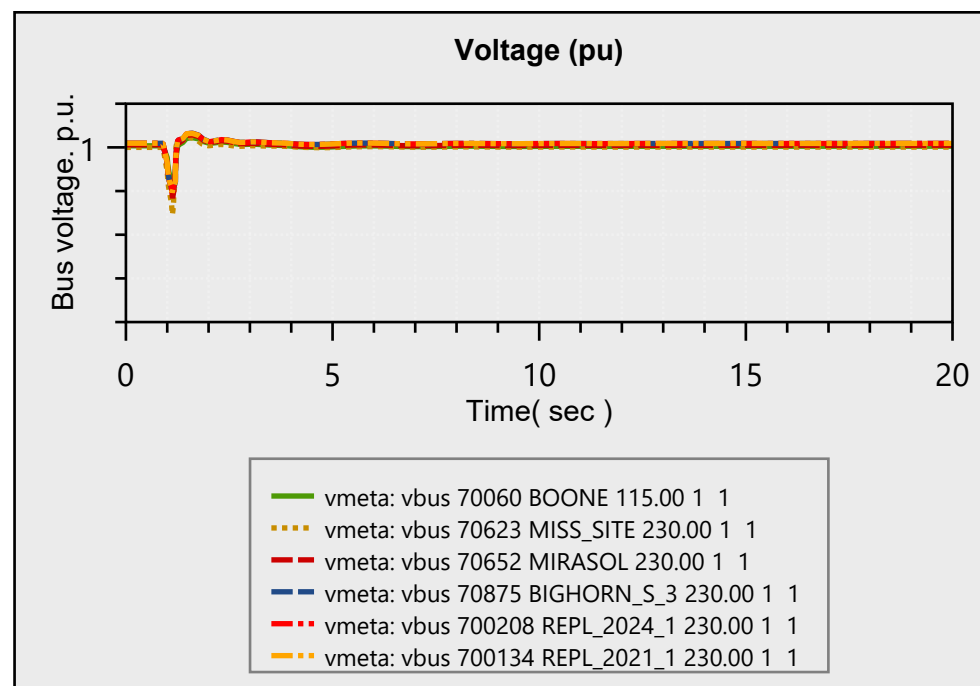
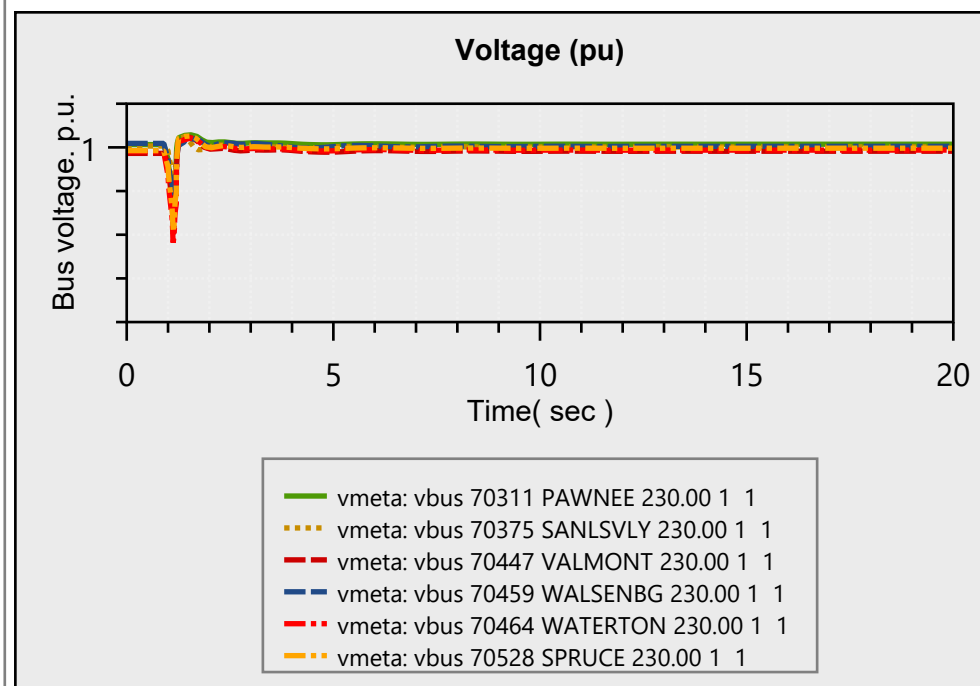
OUTPUTS



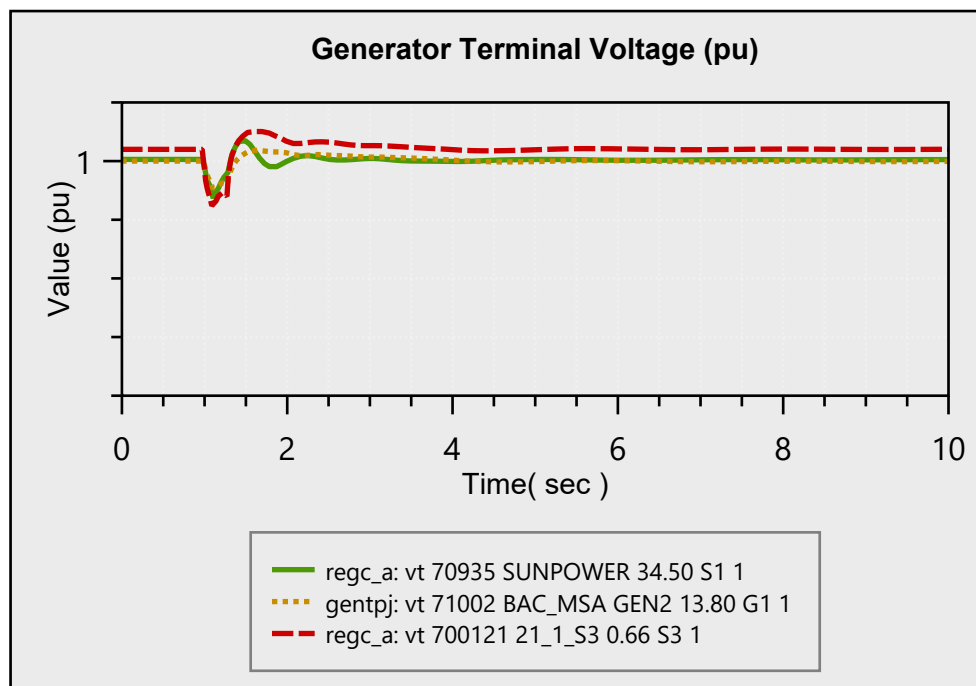
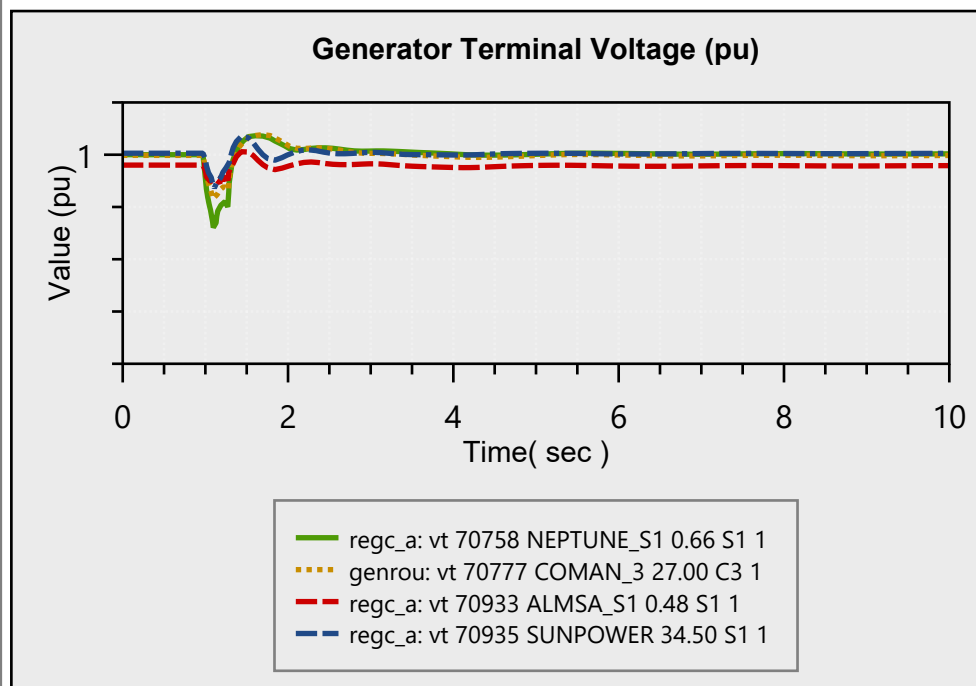
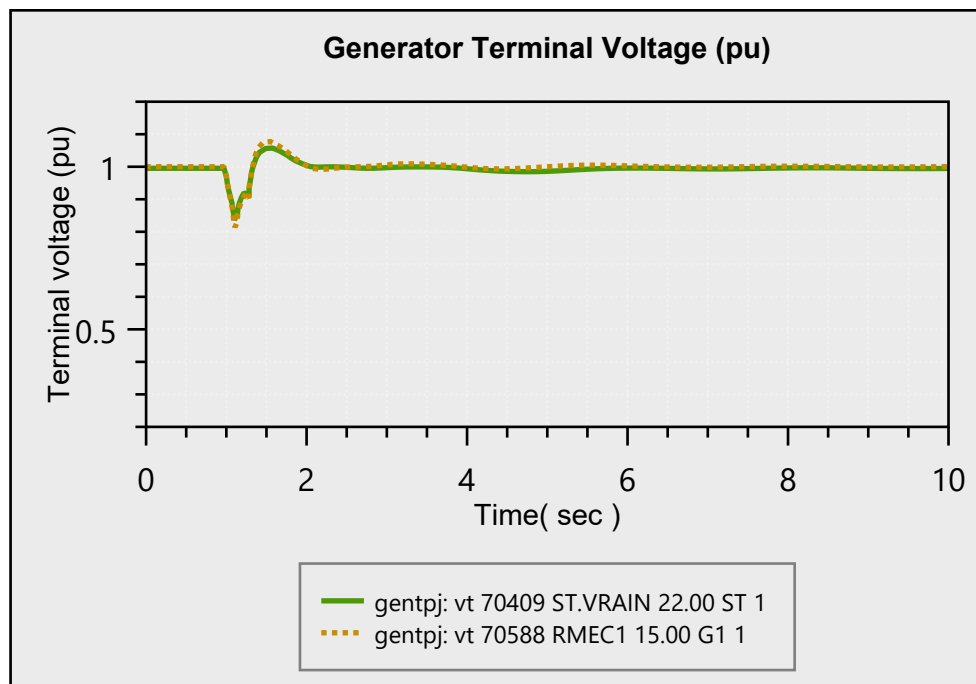
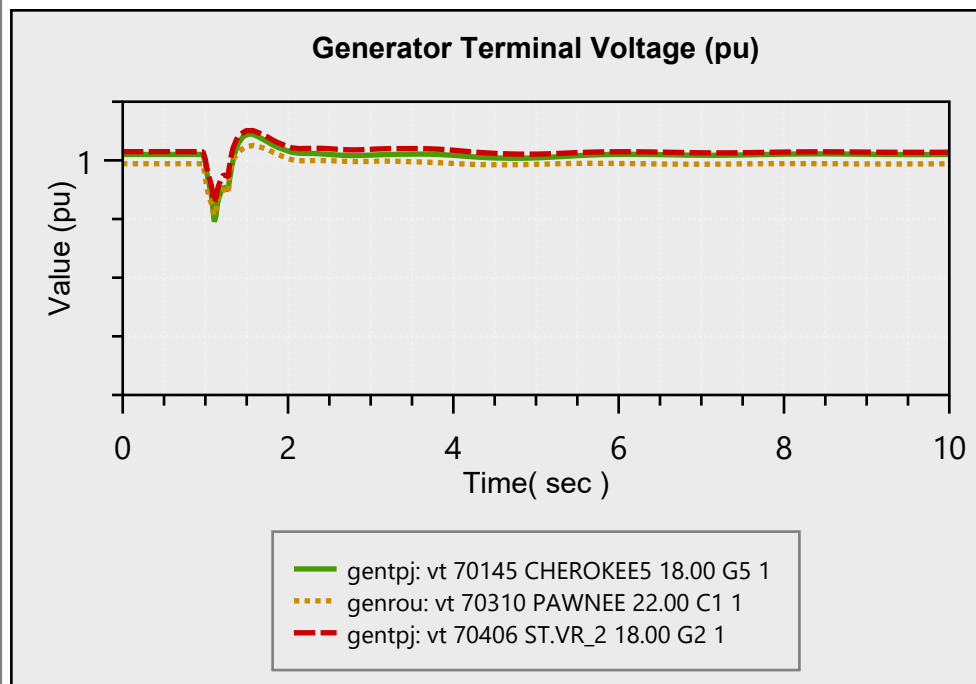
OUTPUTS



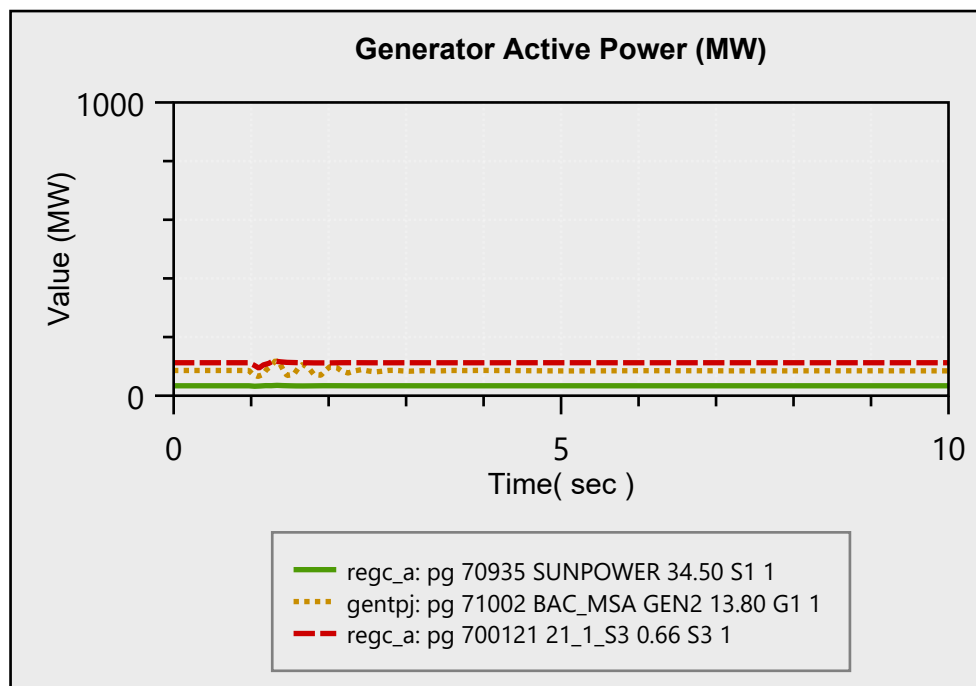
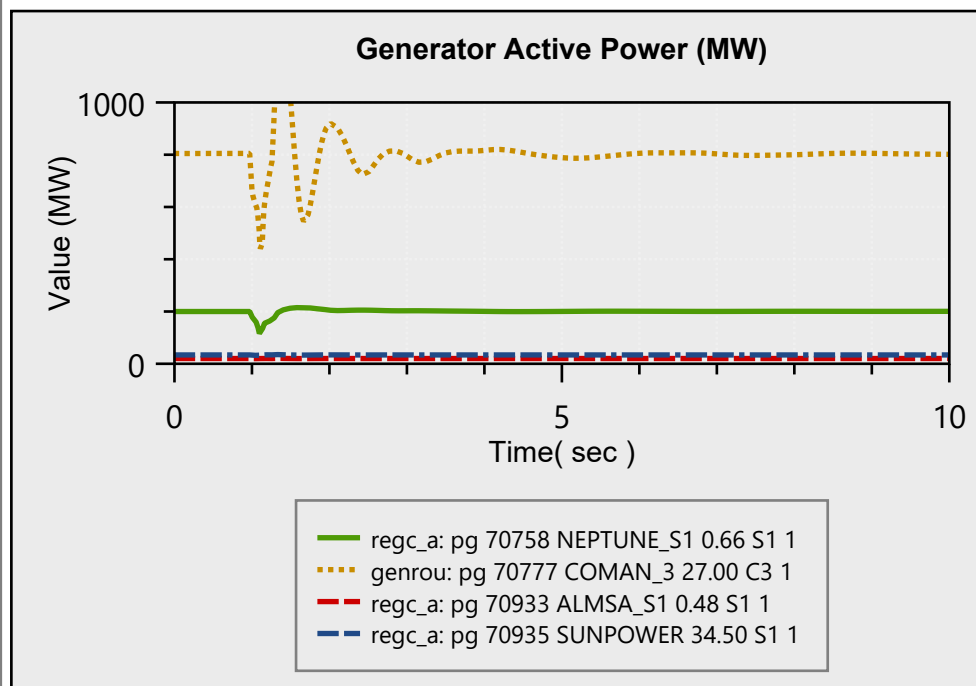
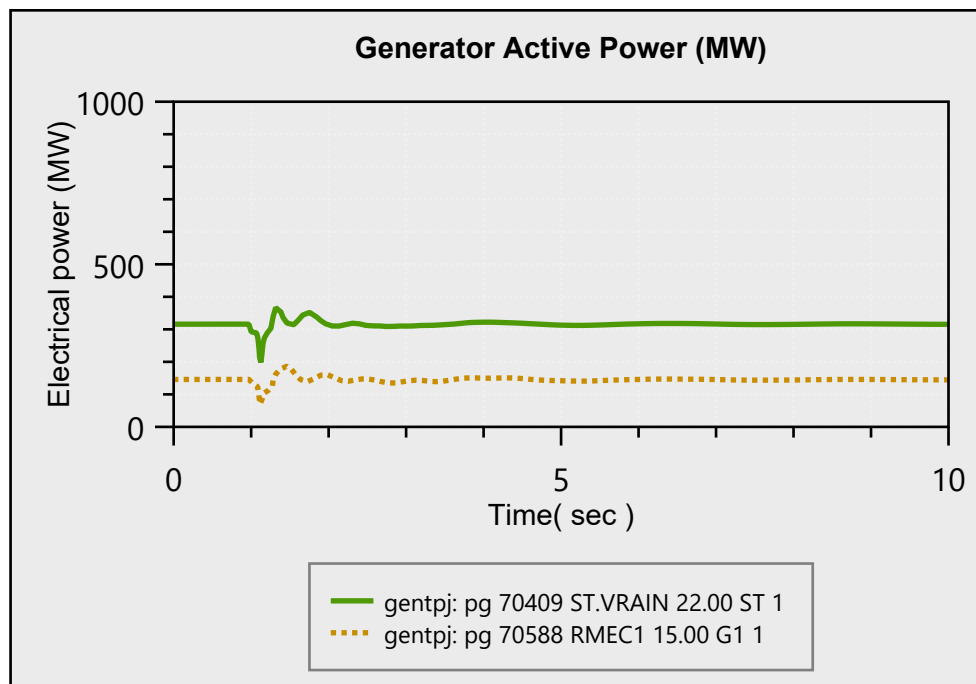
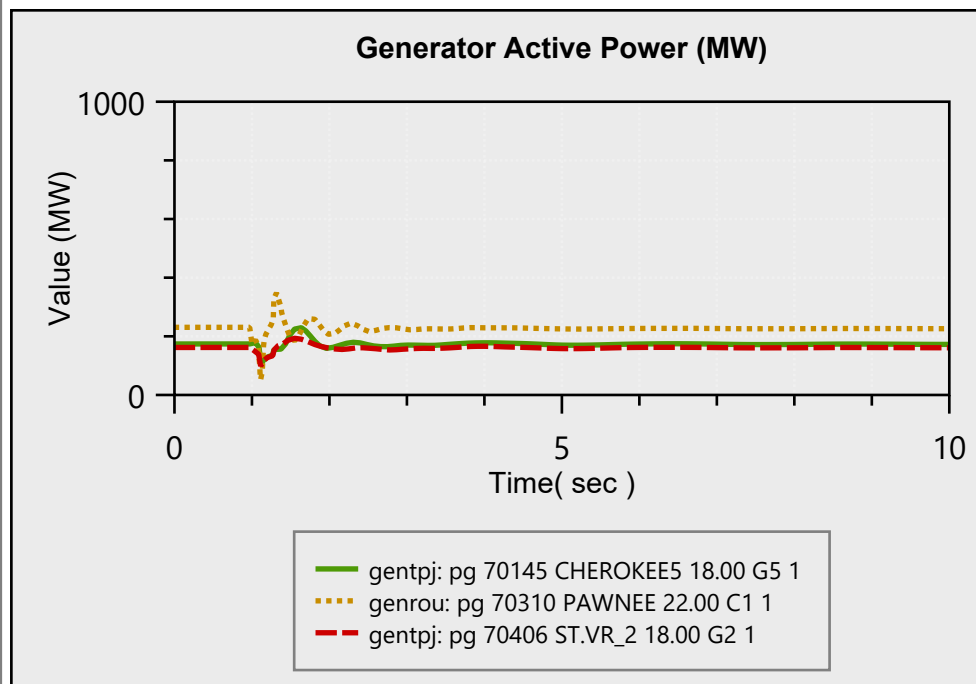
OUTPUTS



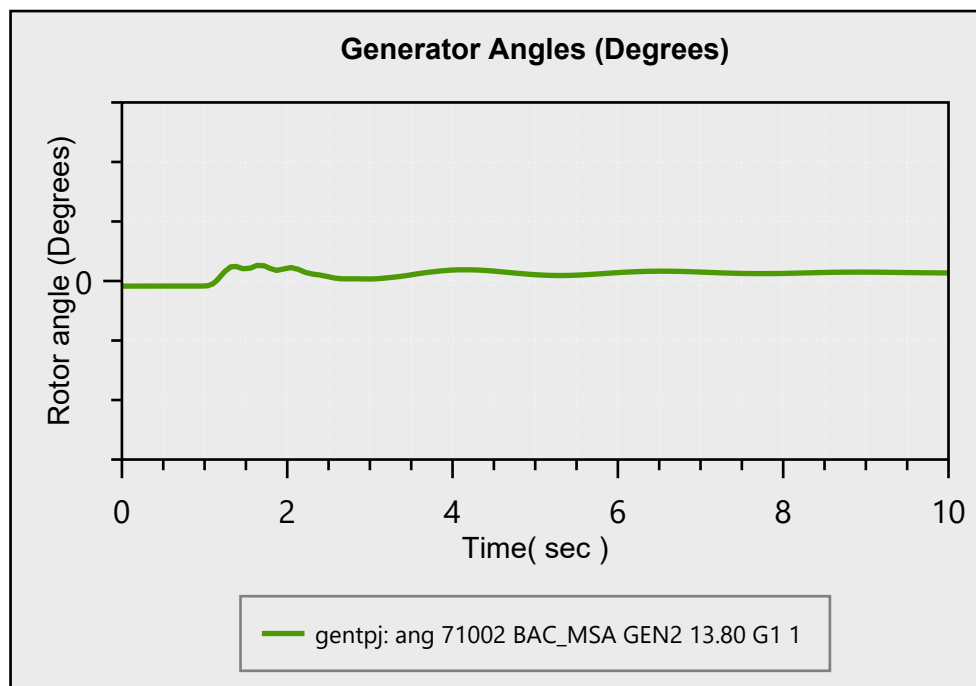
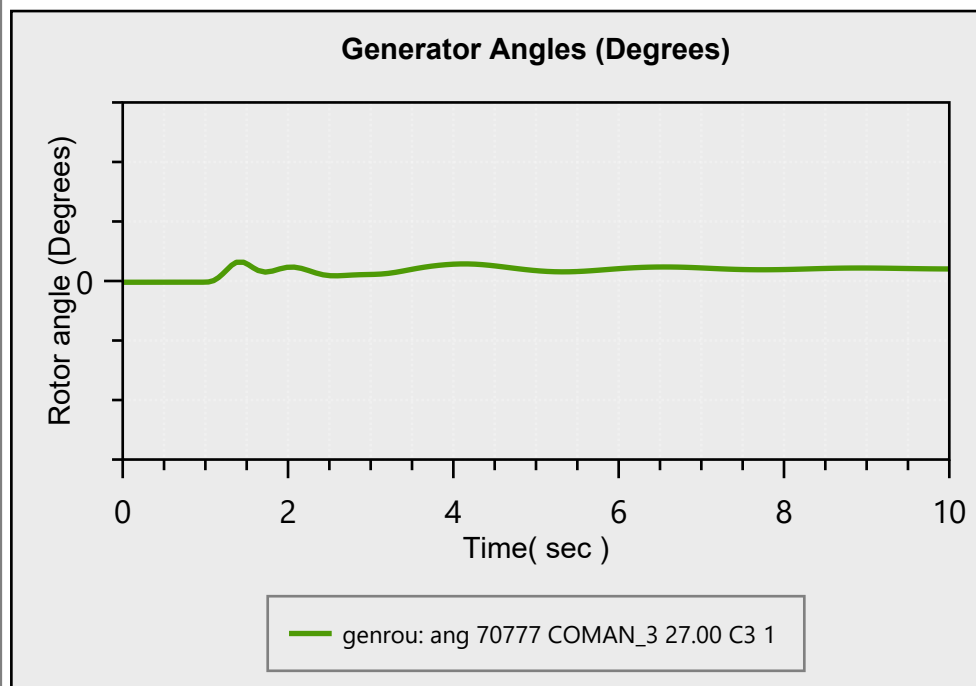
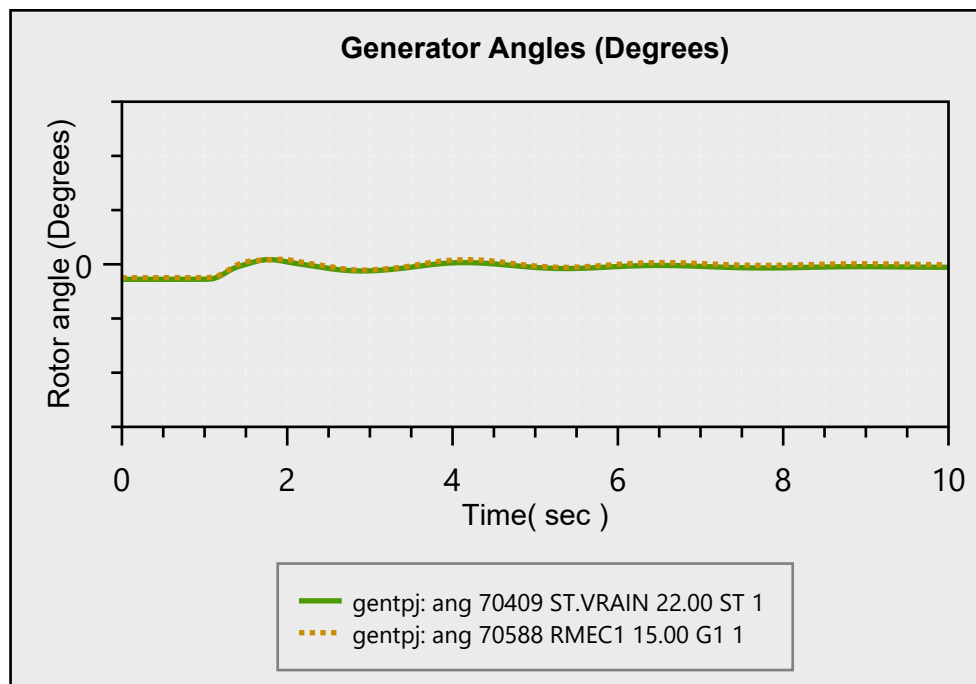
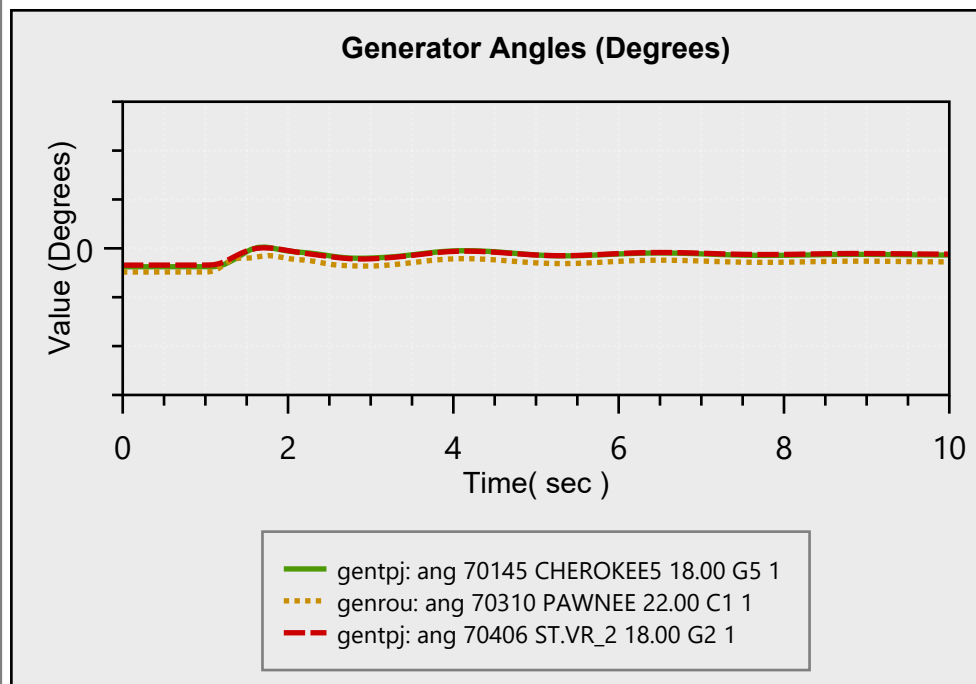
OUTPUTS



OUTPUTS

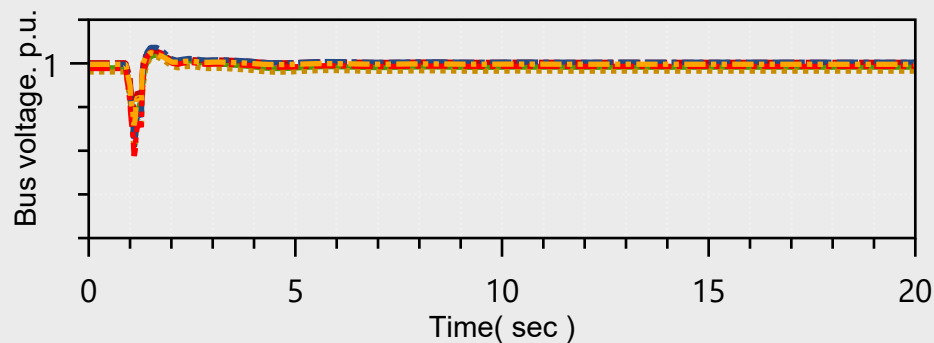


OUTPUTS



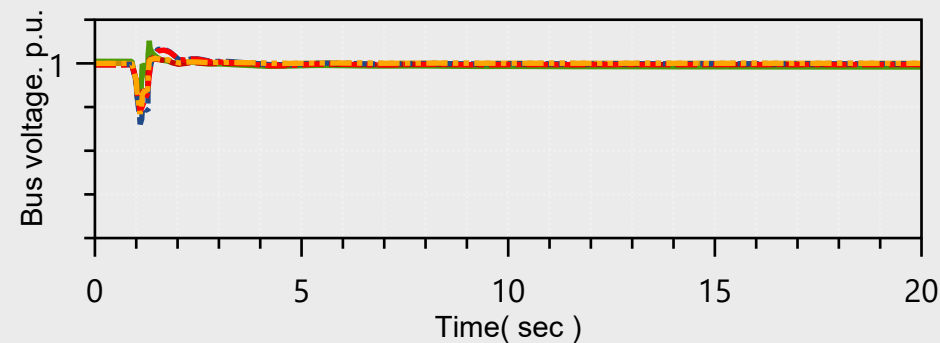
OUTPUTS

Voltage (pu)



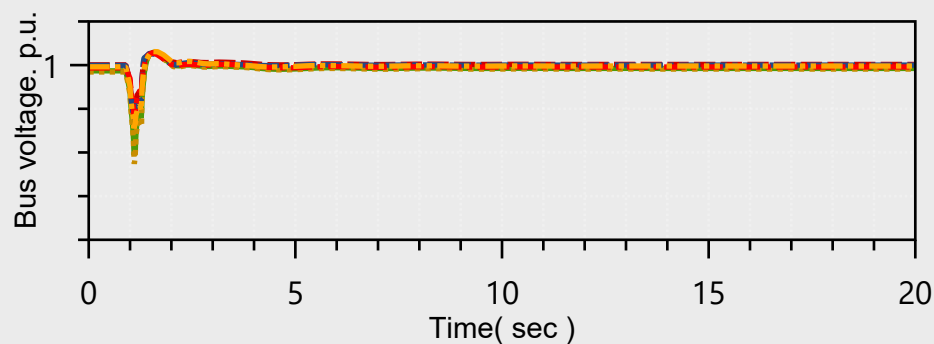
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 vmeta: vbus 70466 WATERTON 345.00 1 1
 vmeta: vbus 70598 PAWNEE 345.00 1 1
 vmeta: vbus 70599 SMOKY_HL 345.00 1 1
 vmeta: vbus 70601 DANIEL_PK 345.00 1 1
 vmeta: vbus 70624 MISS_SITE 345.00 1 1

Voltage (pu)



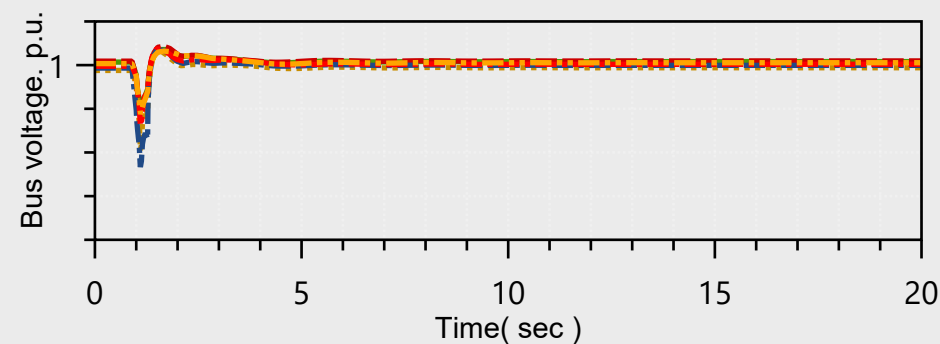
vmeta: vbus 70627 LIMON3 345.00 1 1
 vmeta: vbus 70628 PRONGHORN 345.00 1 1
 vmeta: vbus 70630 SHORTGRASS 345.00 1 1
 vmeta: vbus 70653 TUNDRA 345.00 1 1
 vmeta: vbus 70654 COMANCHE 345.00 1 1
 vmeta: vbus 70764 RUSHCK1_W1W2 345.00 1 1

Voltage (pu)



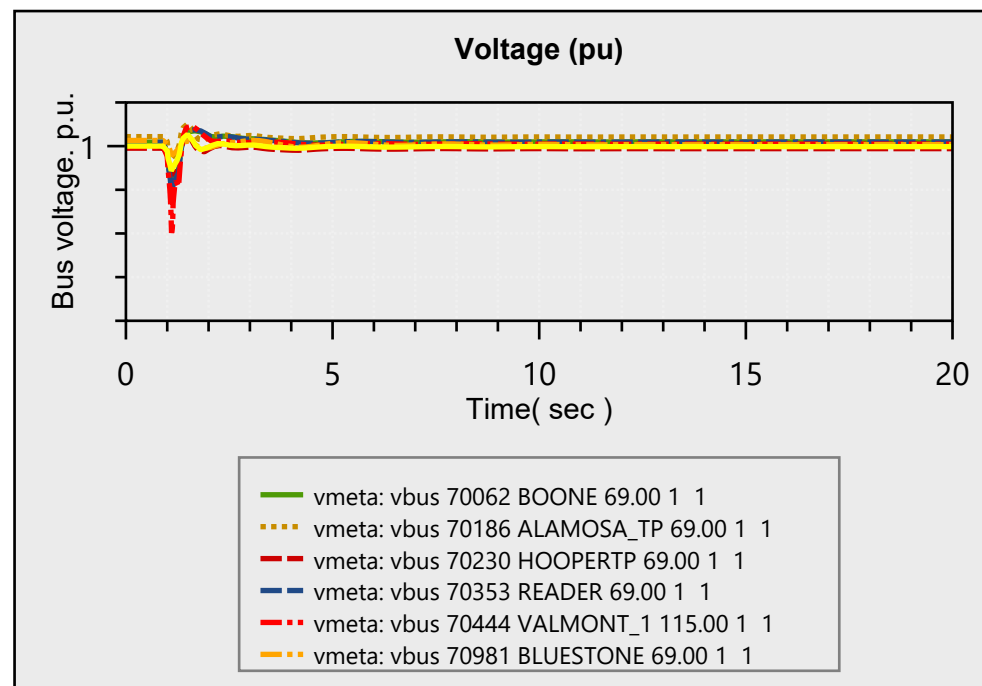
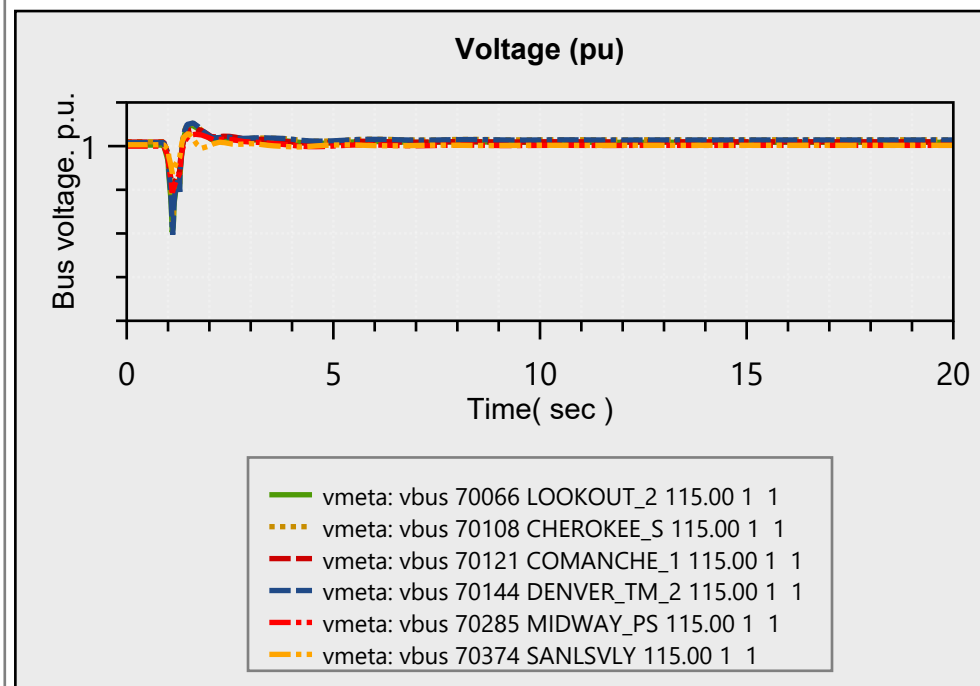
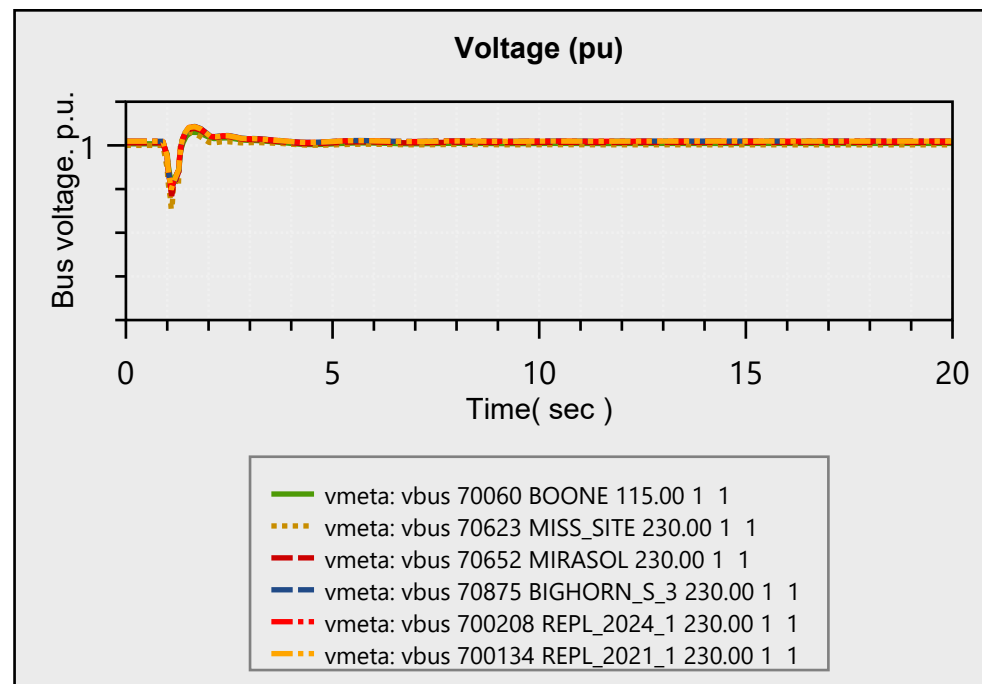
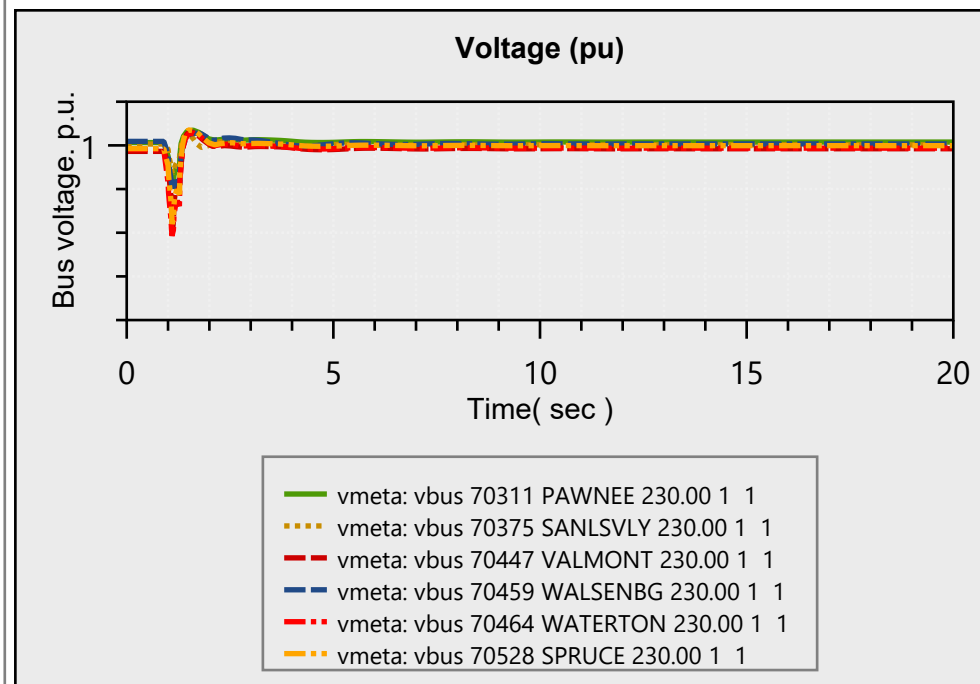
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 vmeta: vbus 70038 ARAPAHOE 230.00 1 1
 vmeta: vbus 70915 CANAL_XING 345.00 1 1
 vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
 vmeta: vbus 70916 FT_ST_VRAIN 345.00 1 1
 vmeta: vbus 70921 SANDSTONE 345.00 1 1

Voltage (pu)

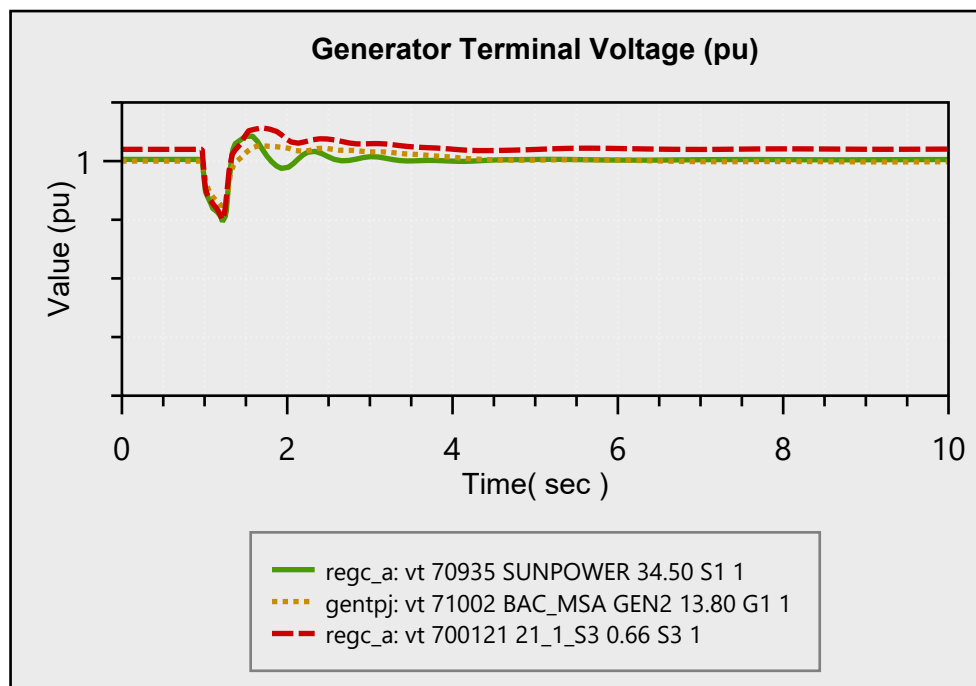
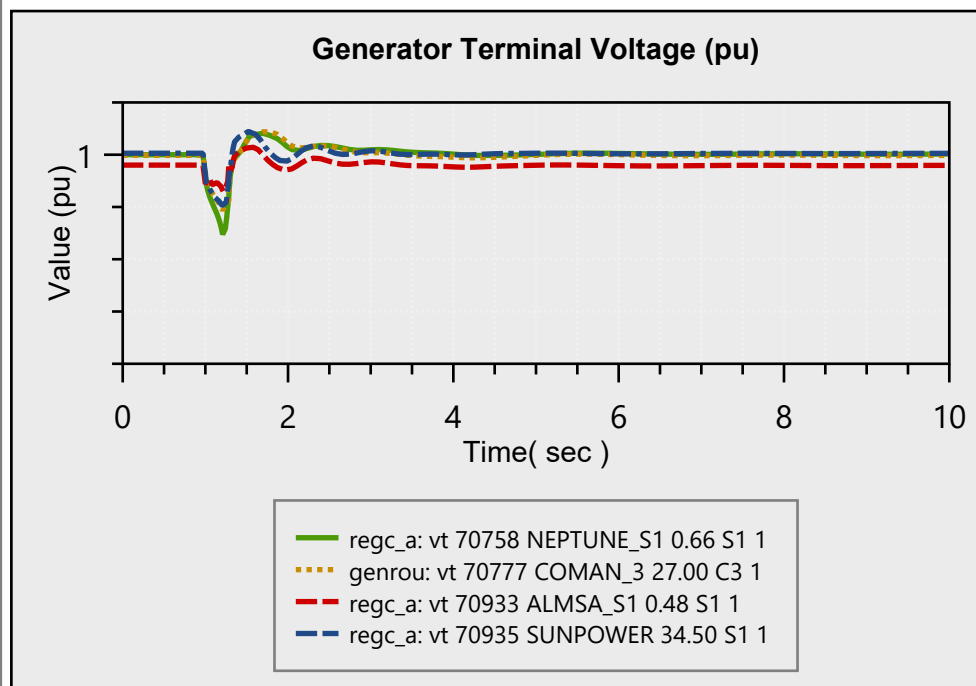
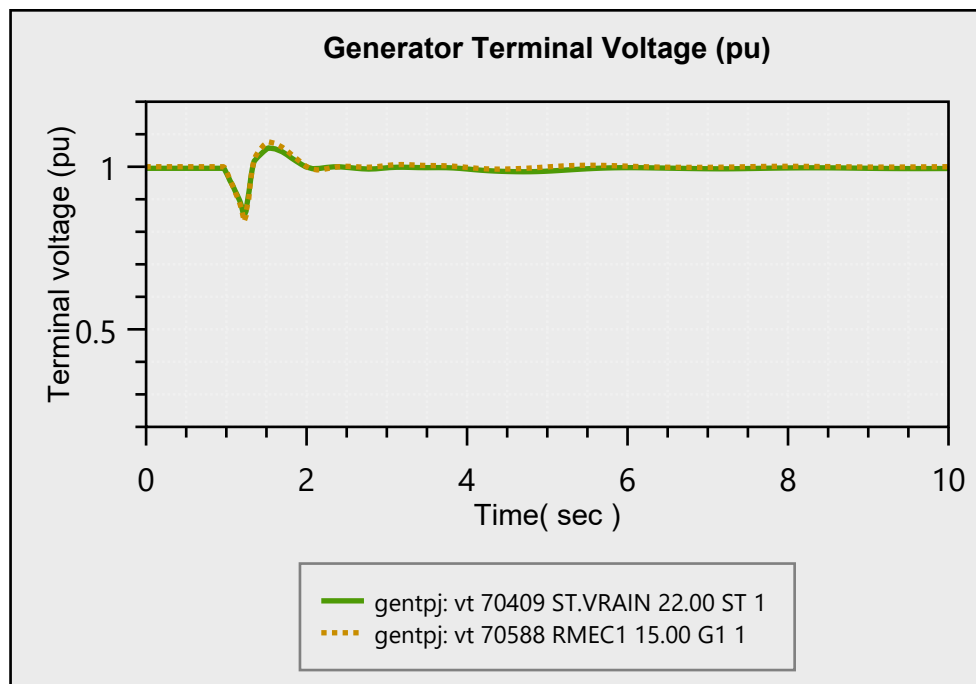
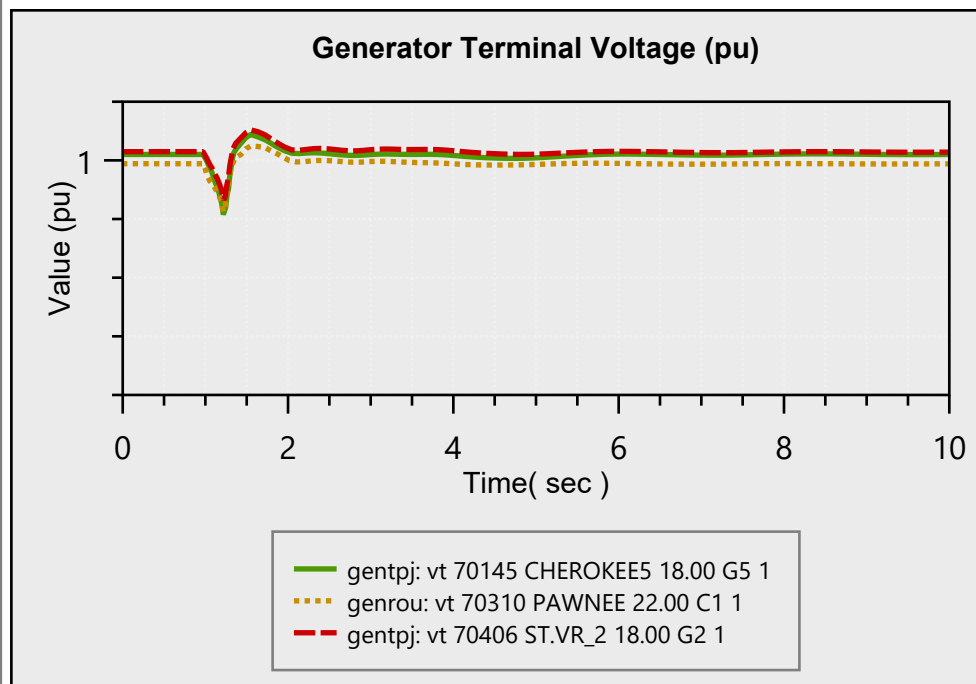


vmeta: vbus 70061 BOONE 230.00 1 1
 vmeta: vbus 70107 CHEROKEE 230.00 1 1
 vmeta: vbus 70122 COMANCHE 230.00 1 1
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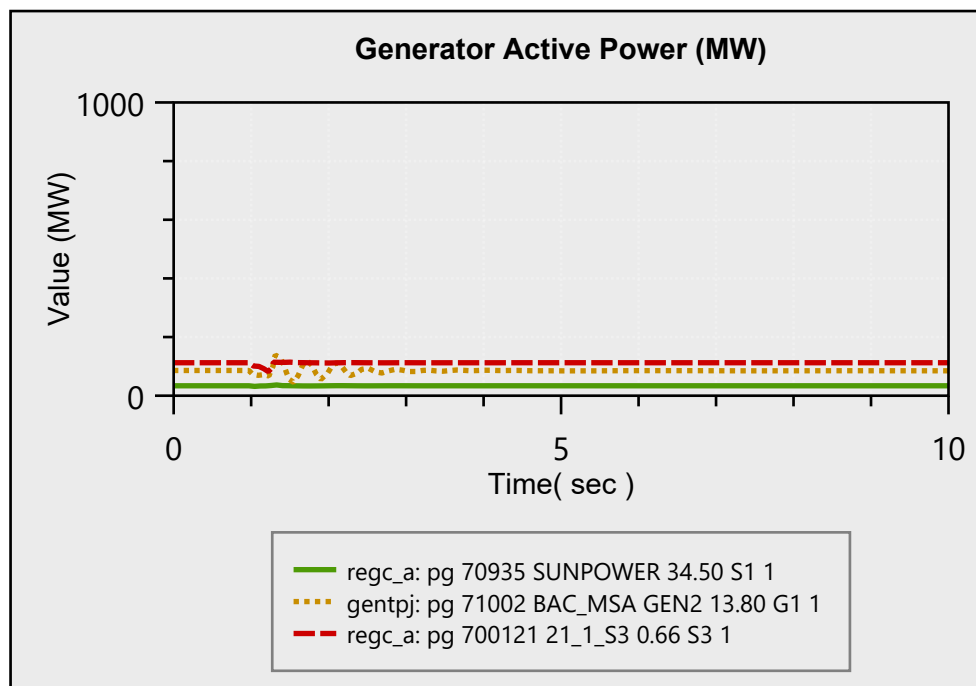
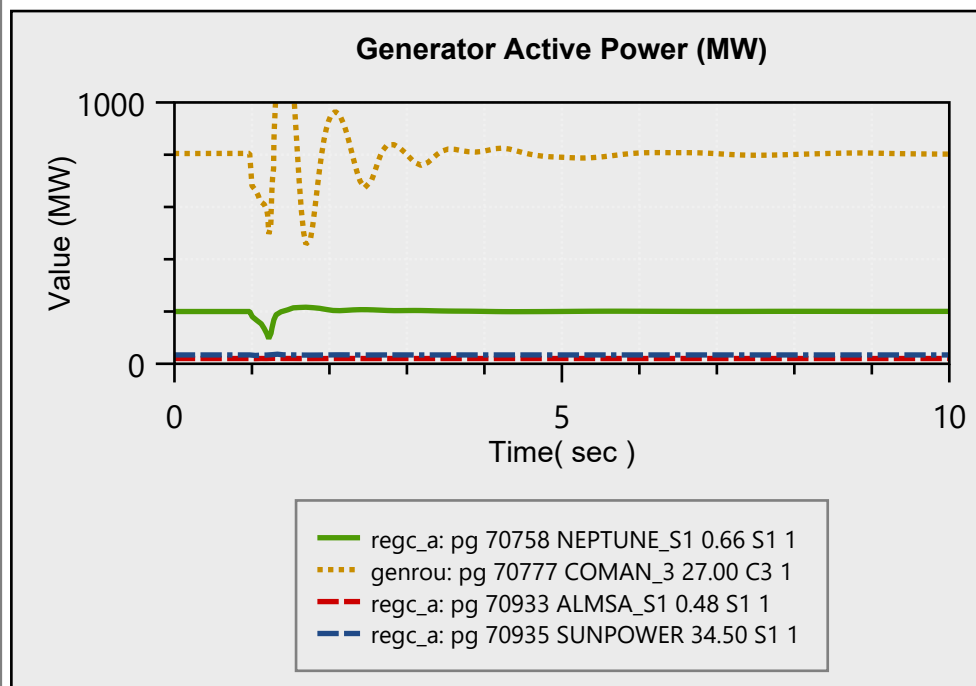
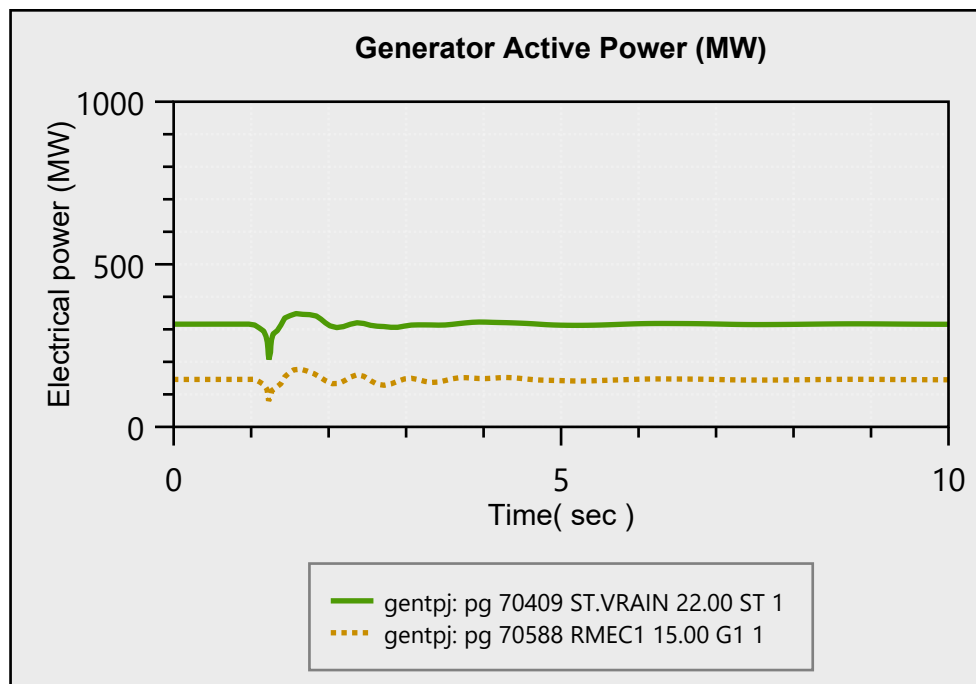
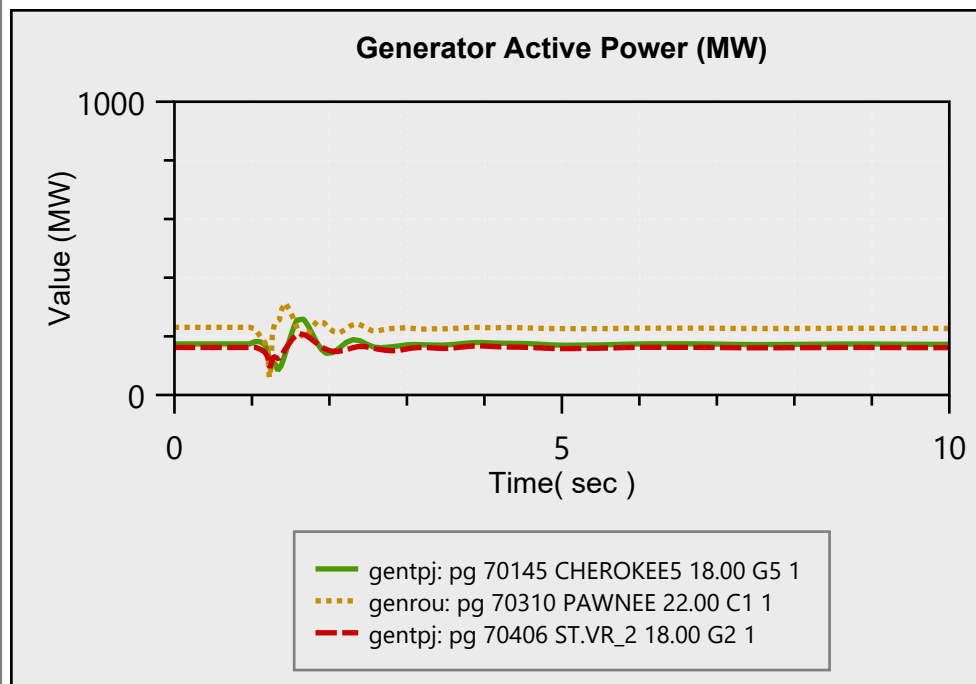
OUTPUTS



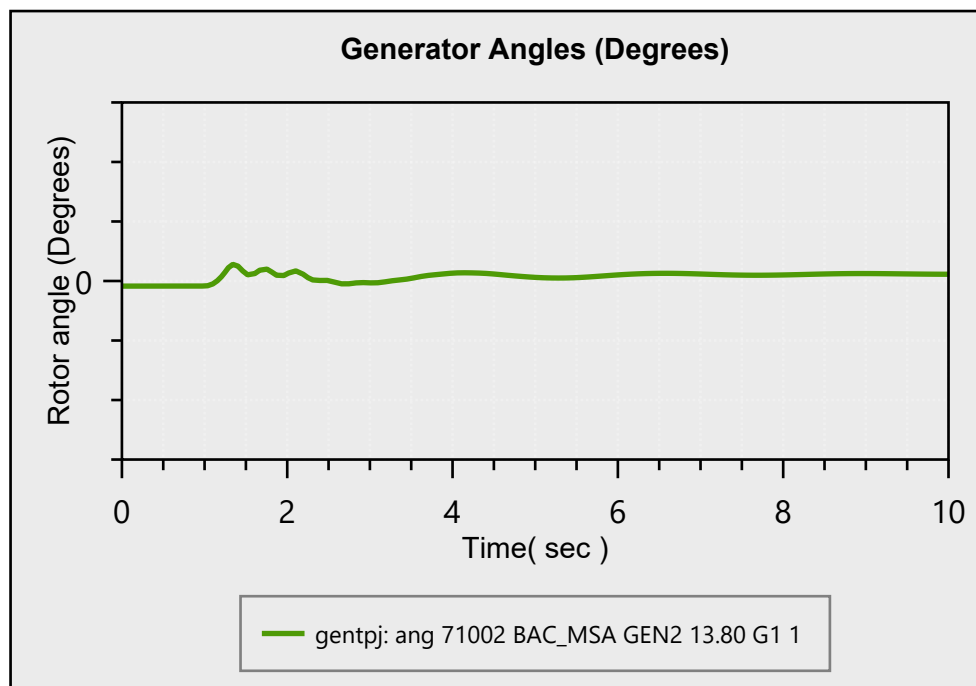
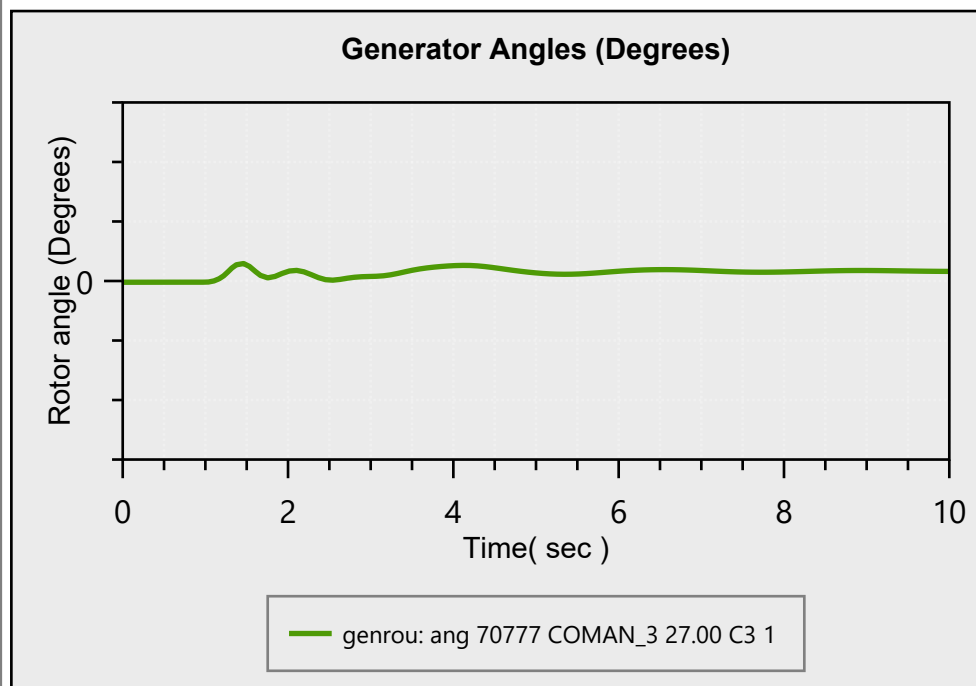
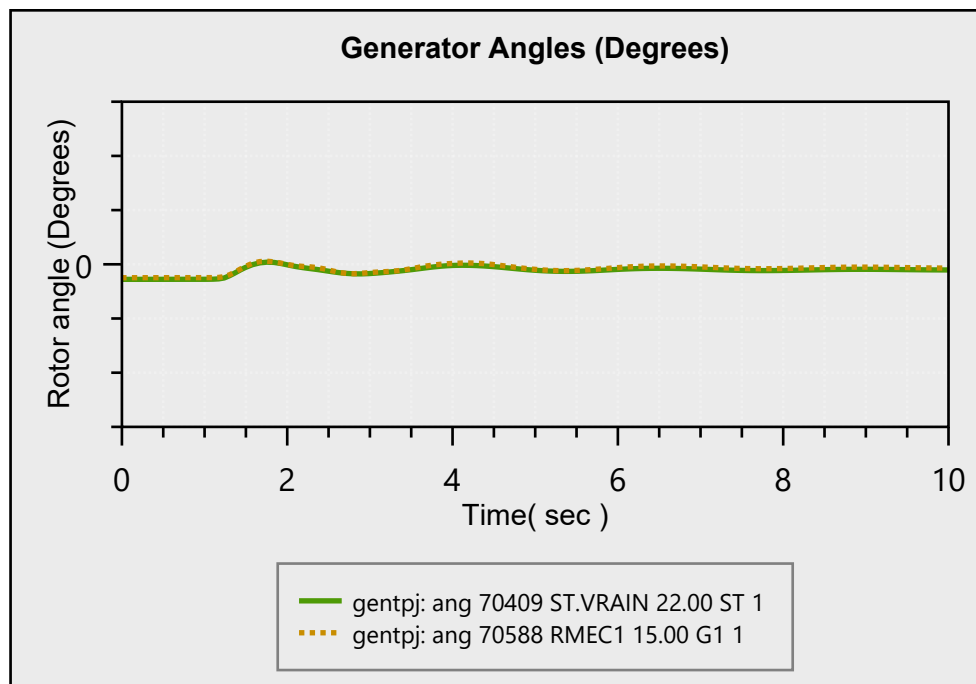
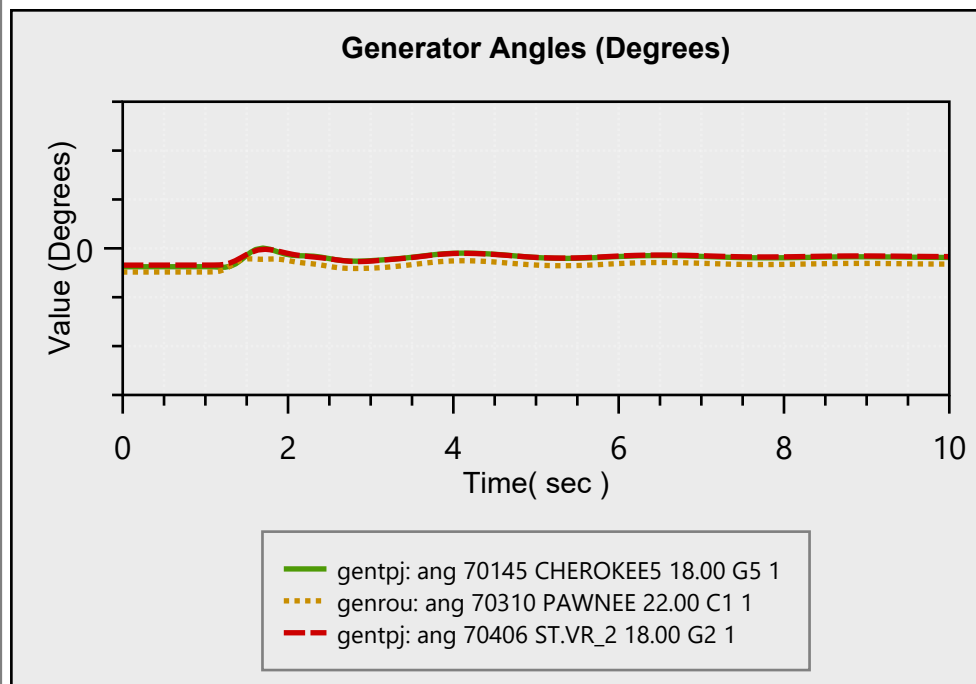
OUTPUTS



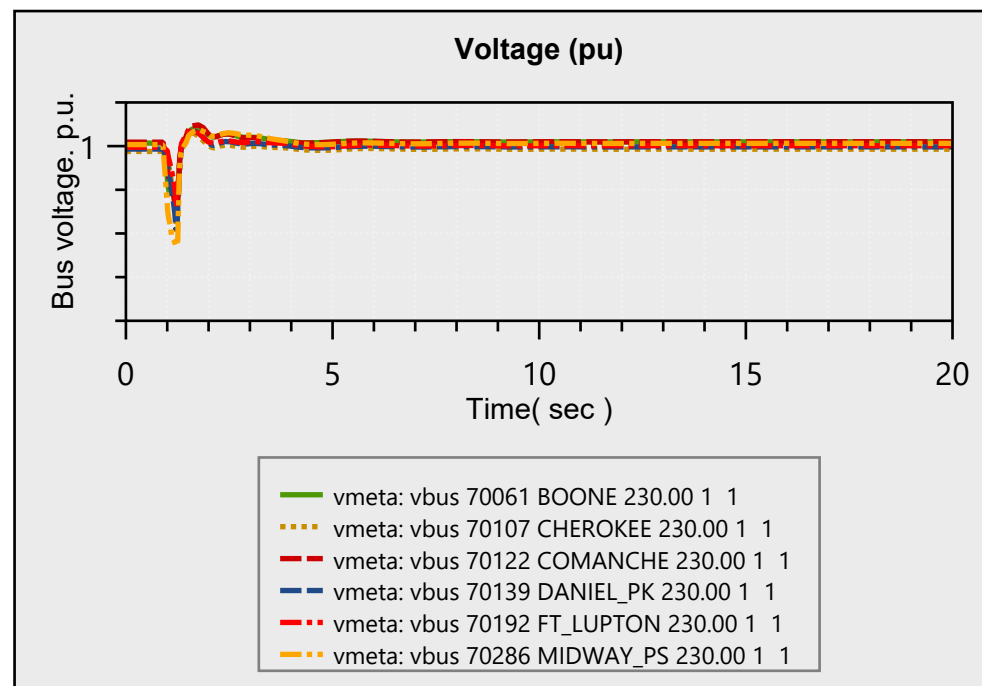
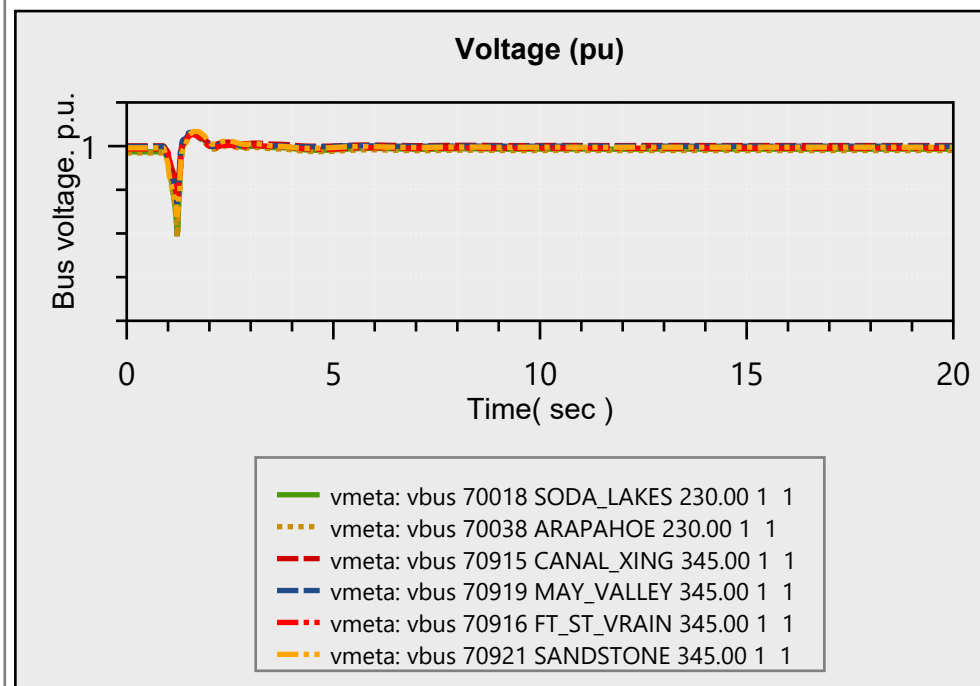
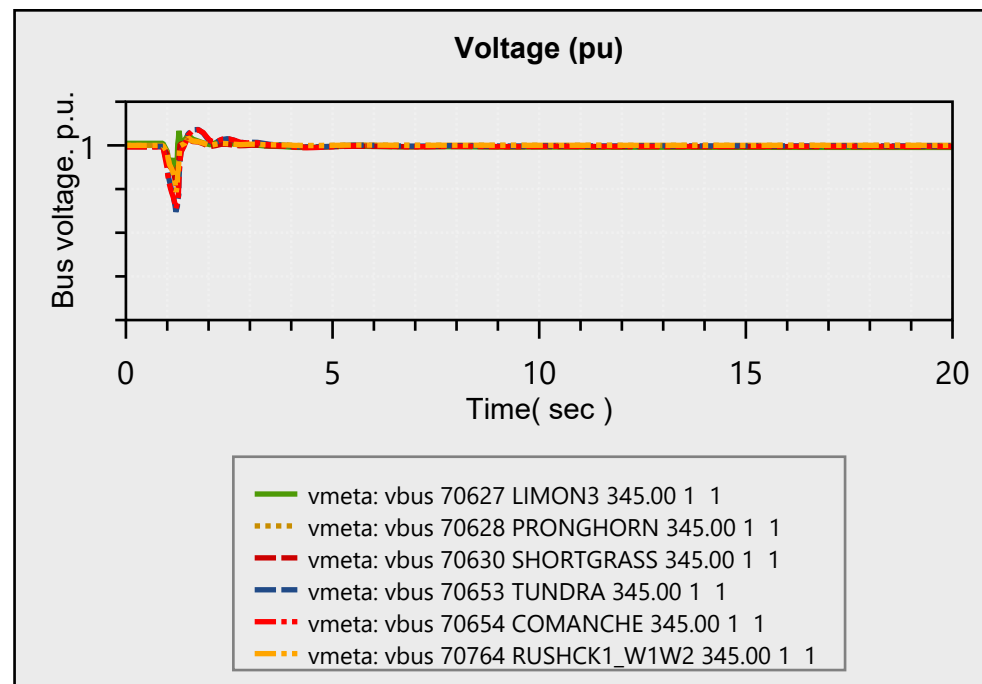
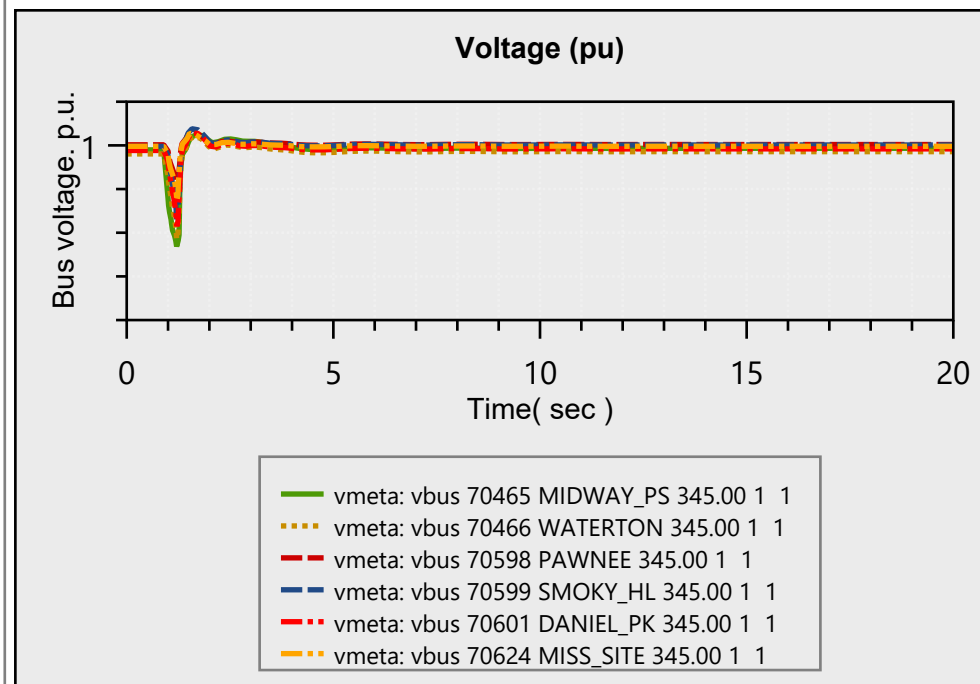
OUTPUTS



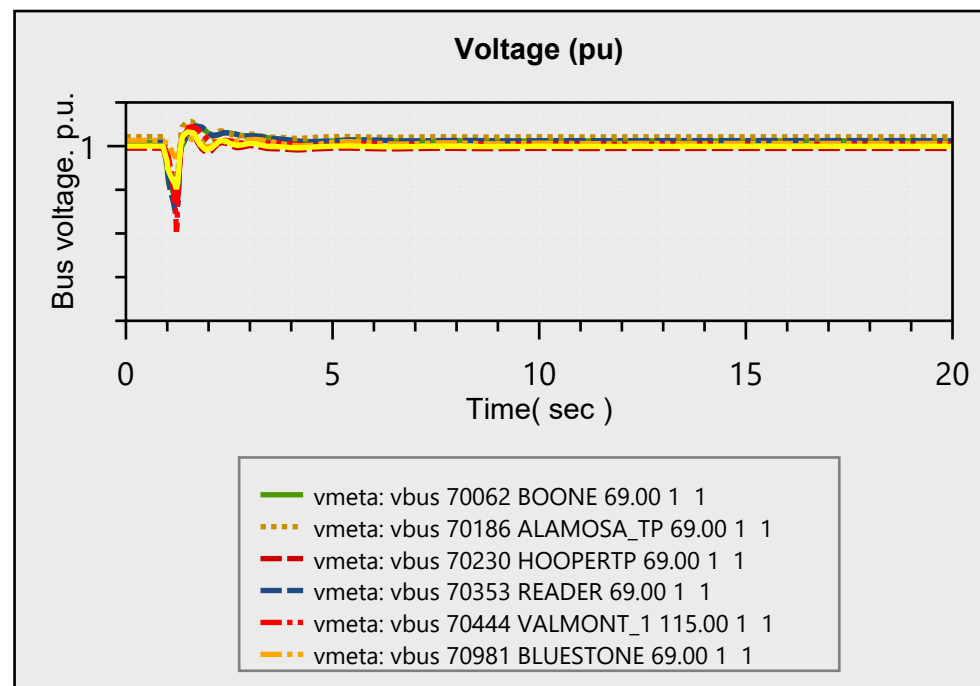
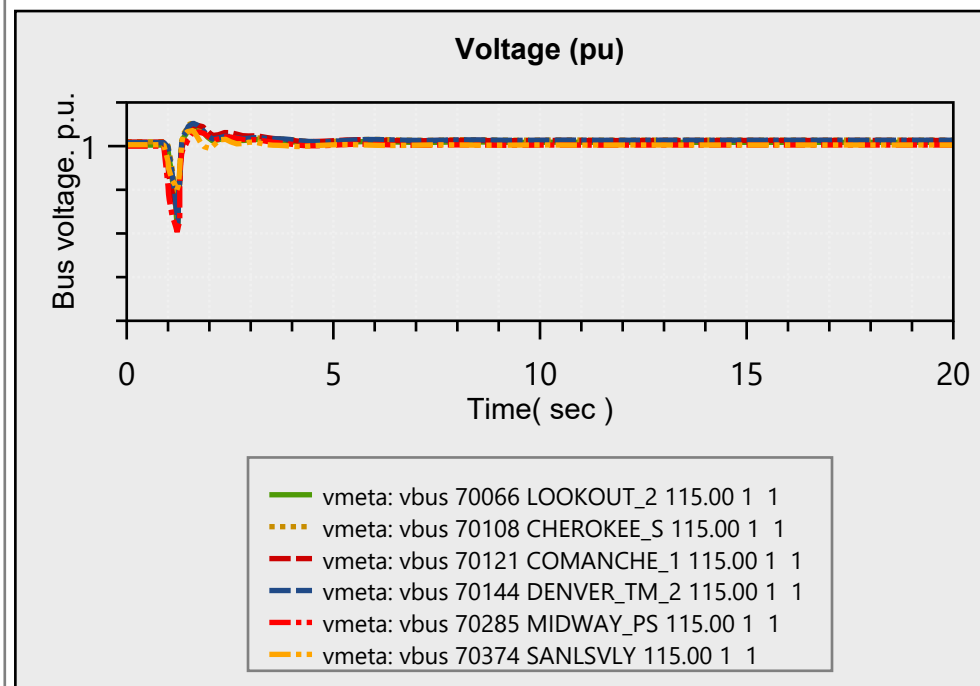
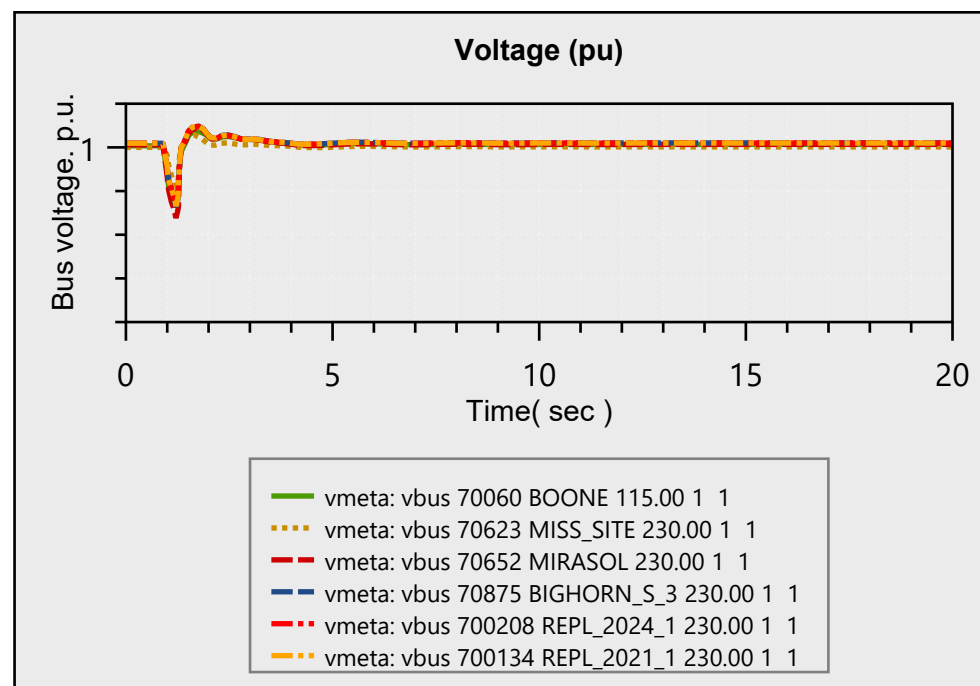
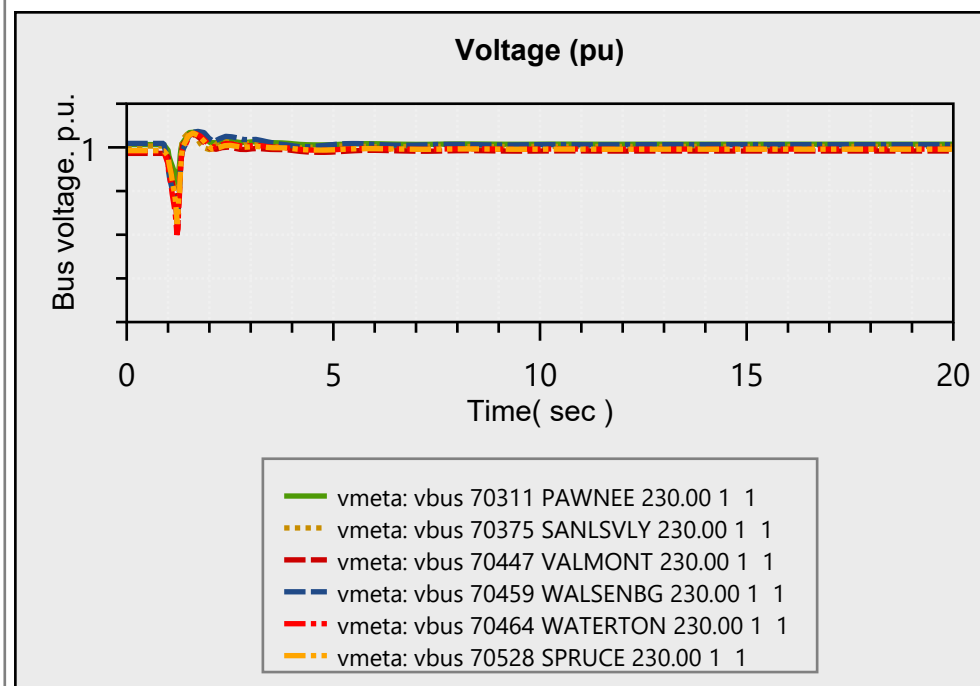
OUTPUTS



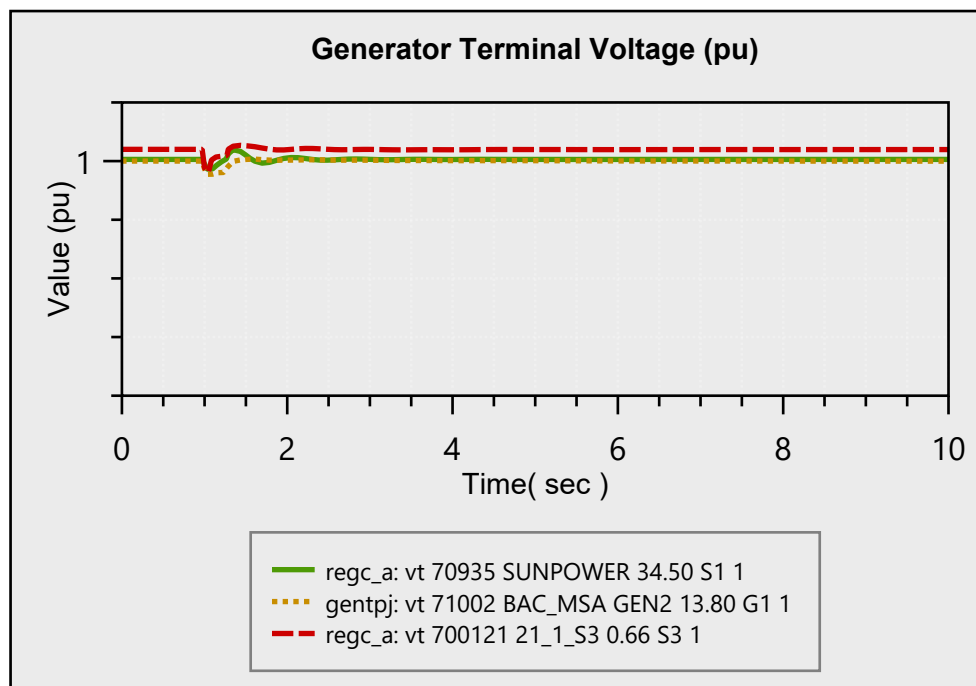
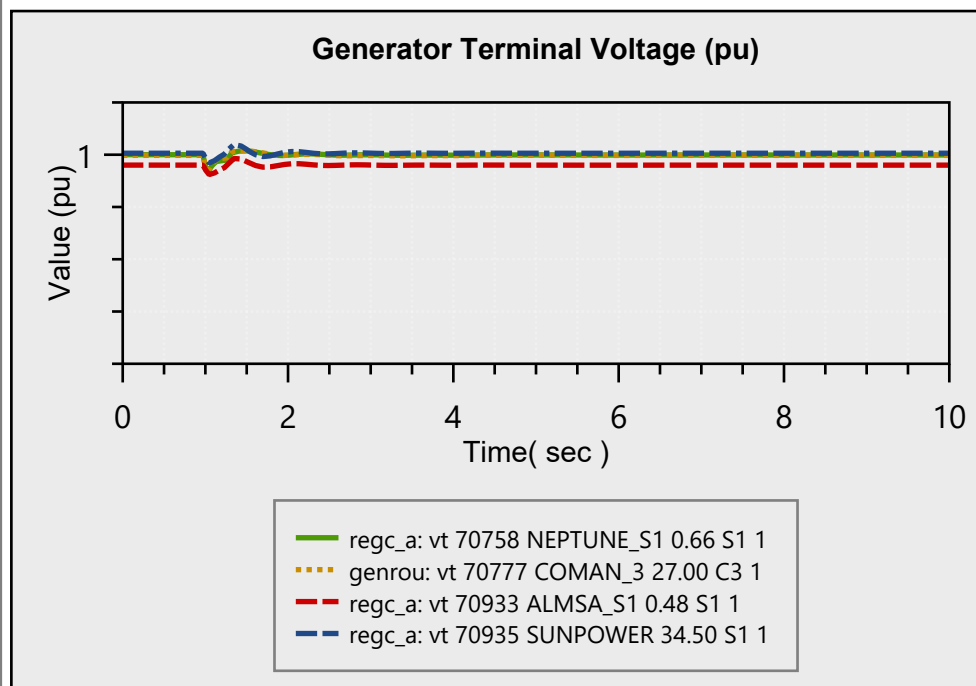
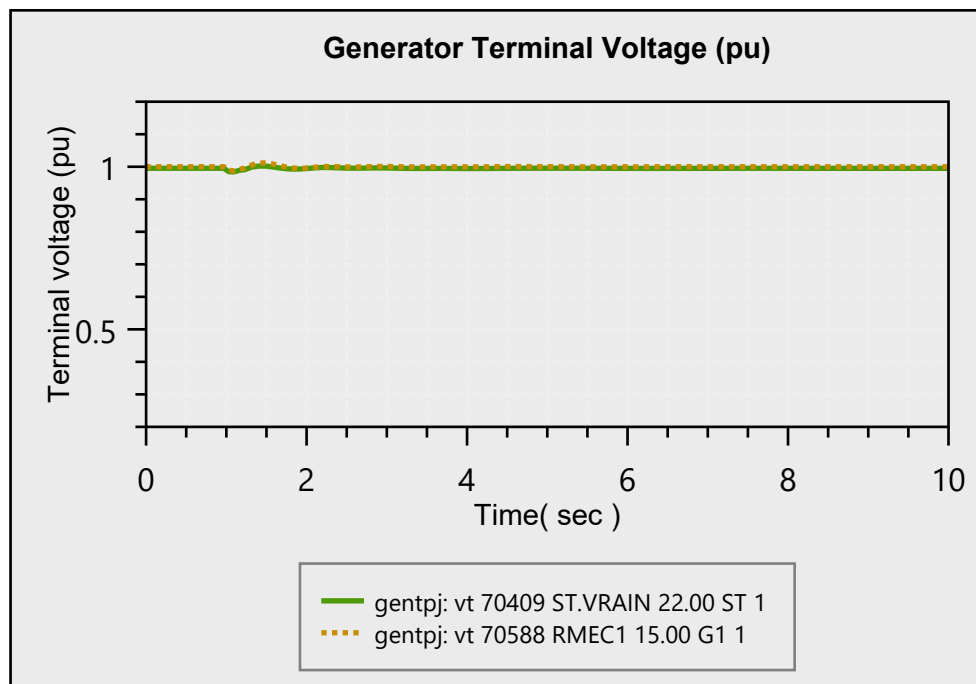
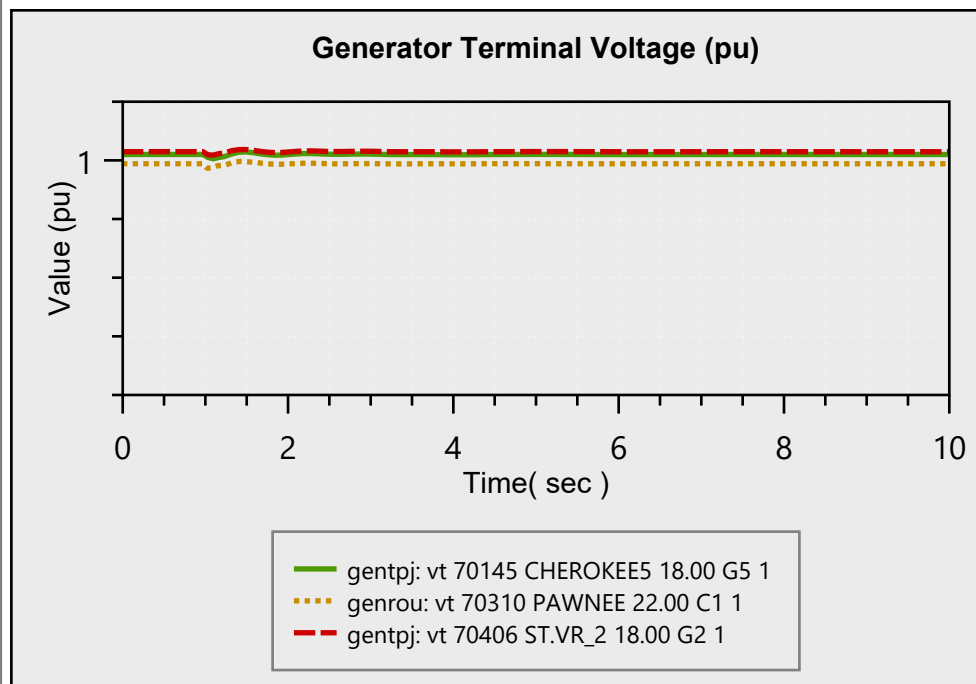
OUTPUTS



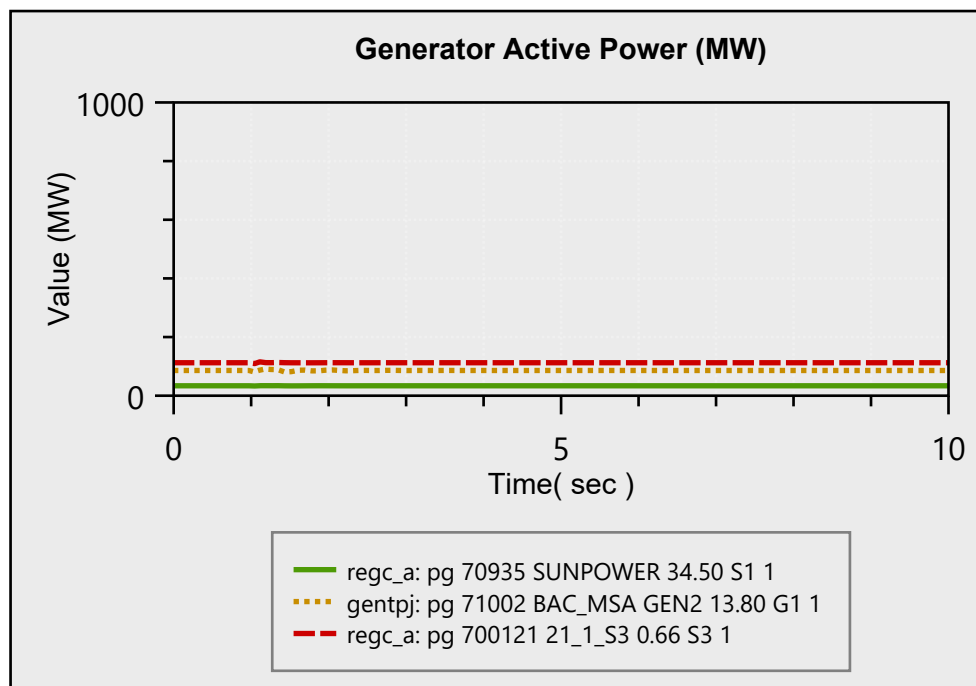
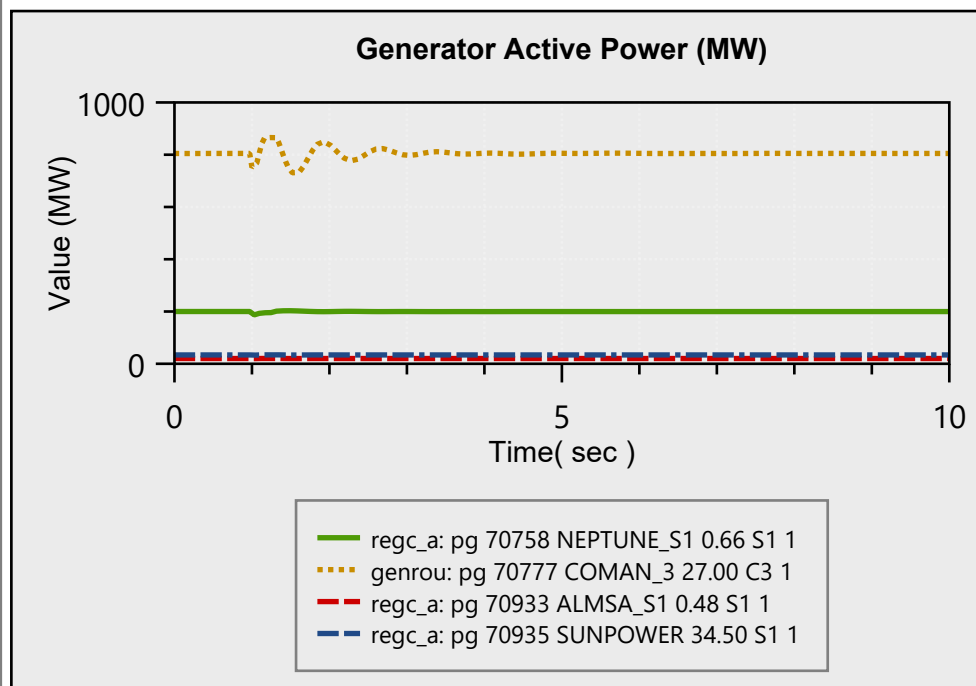
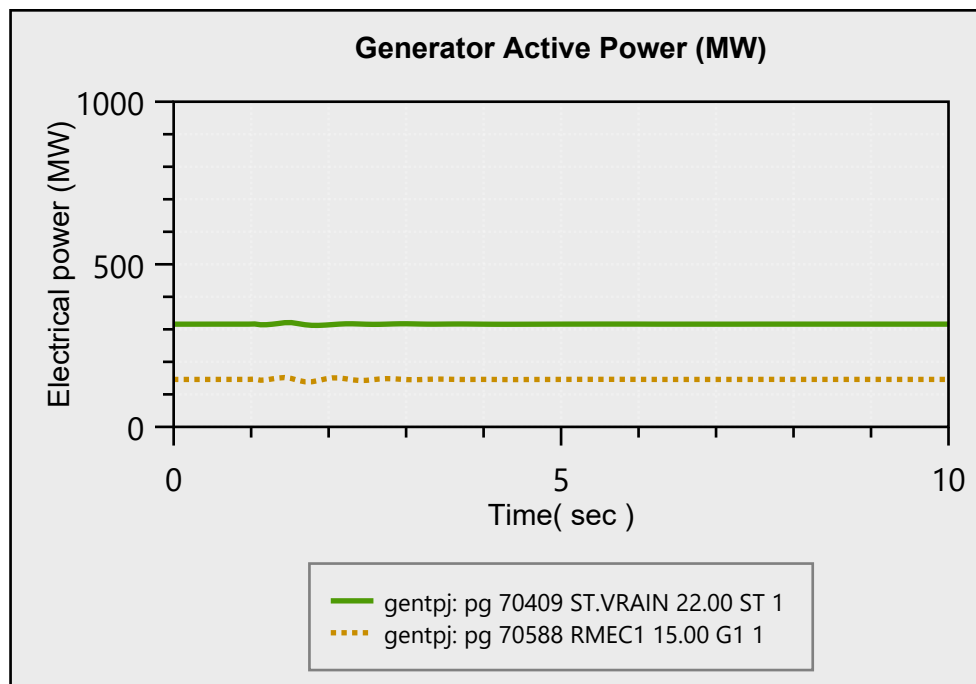
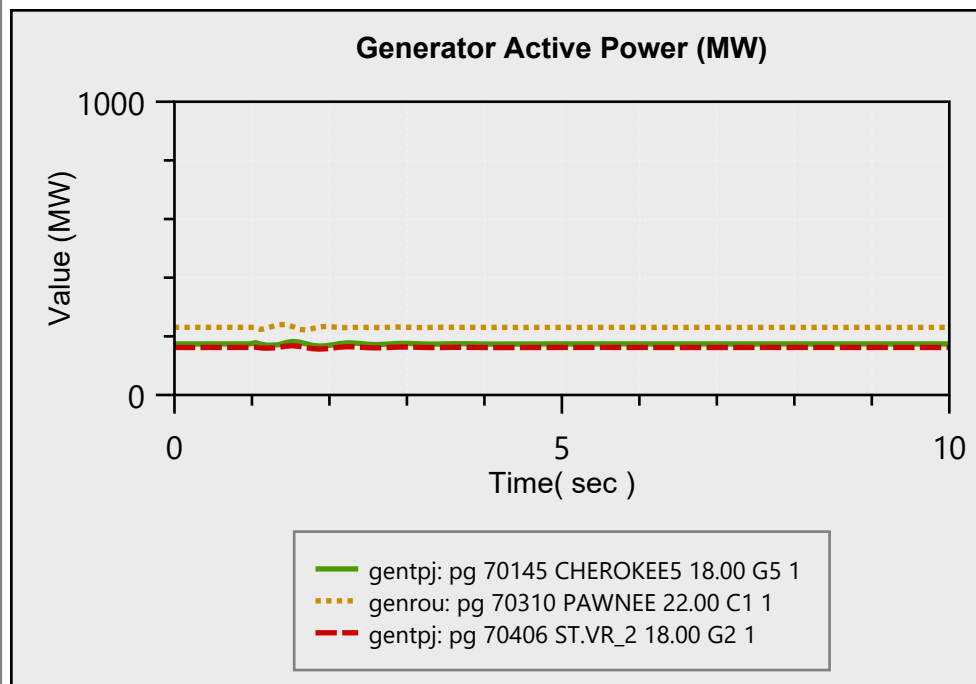
OUTPUTS



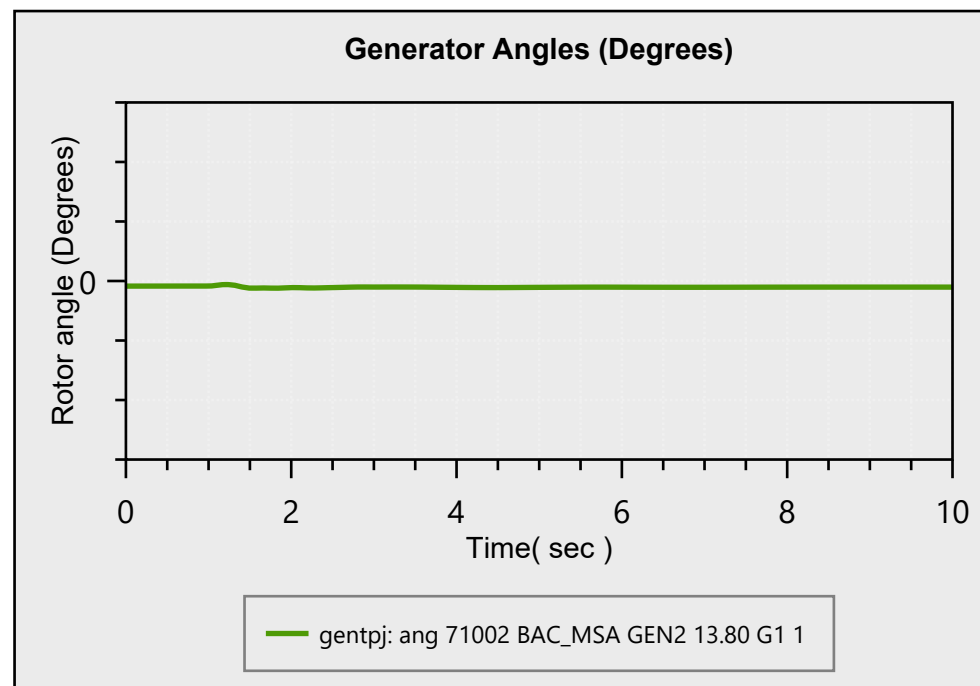
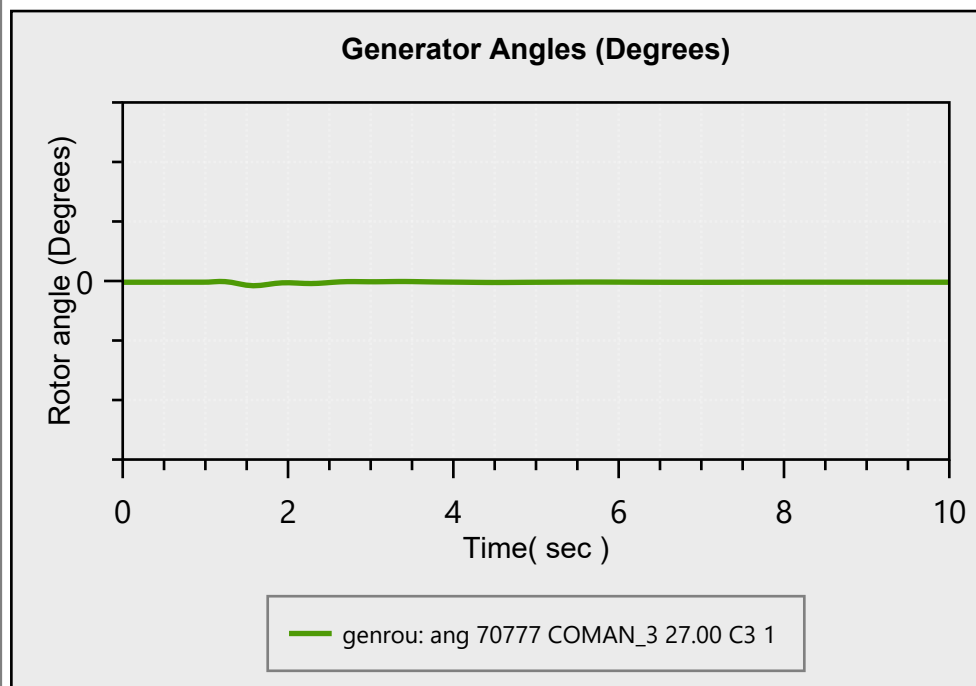
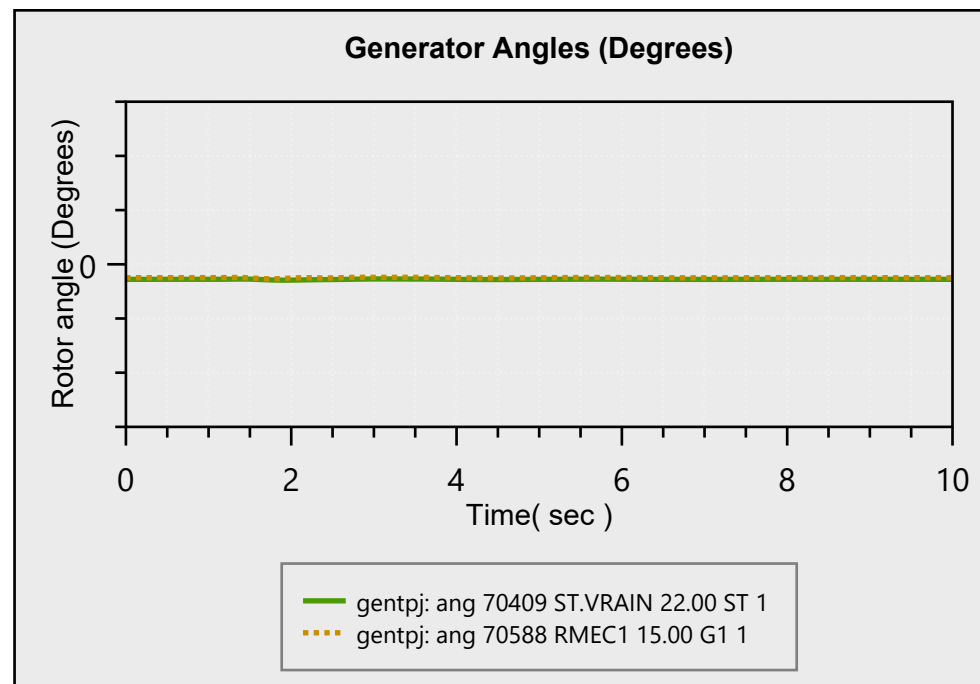
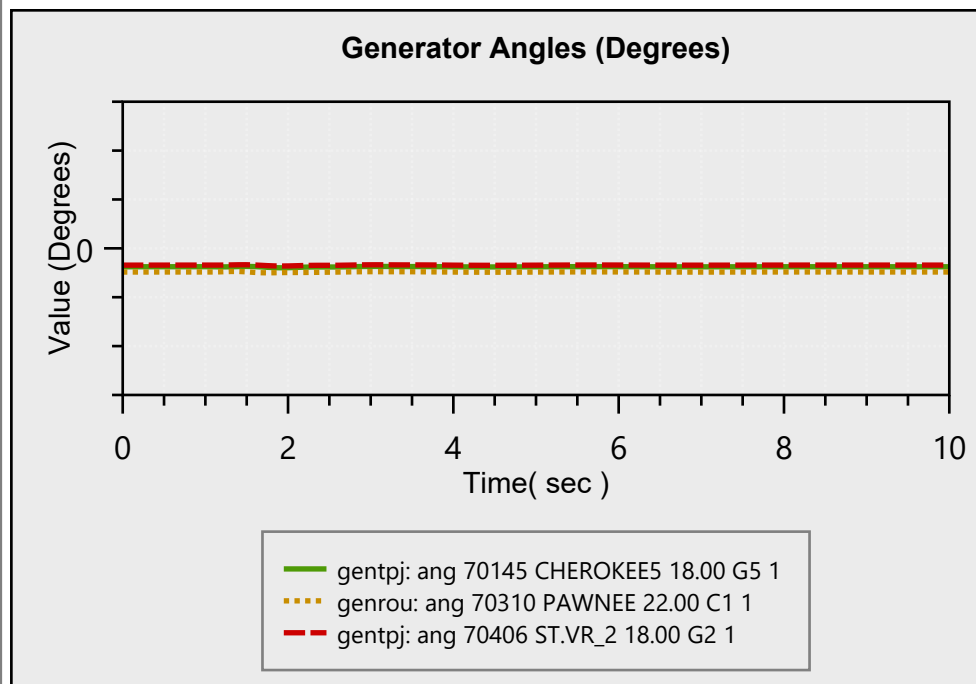
OUTPUTS



OUTPUTS

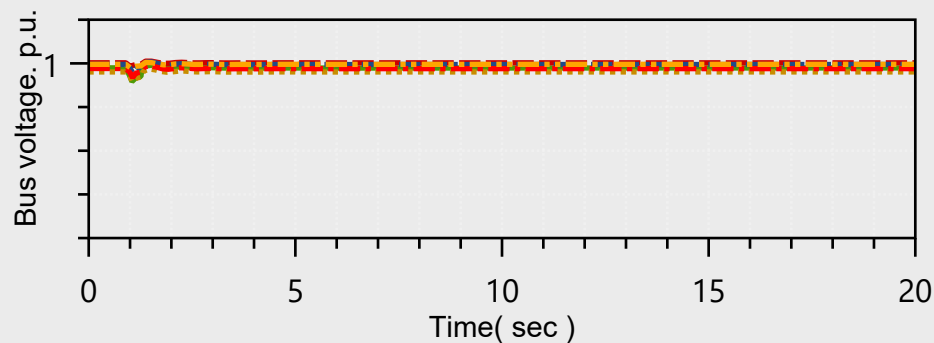


OUTPUTS

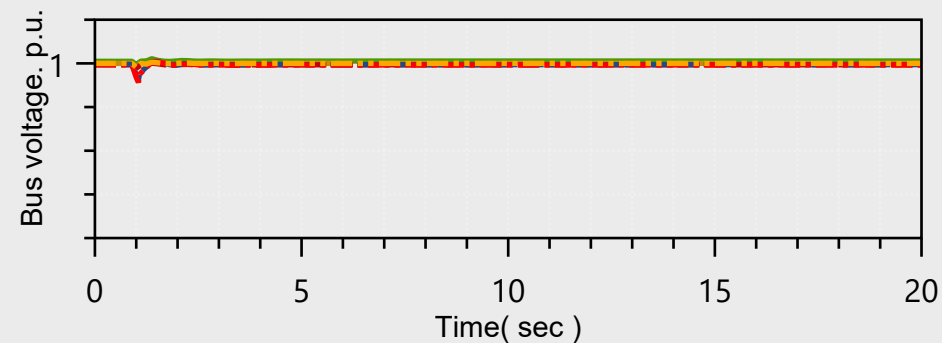


OUTPUTS

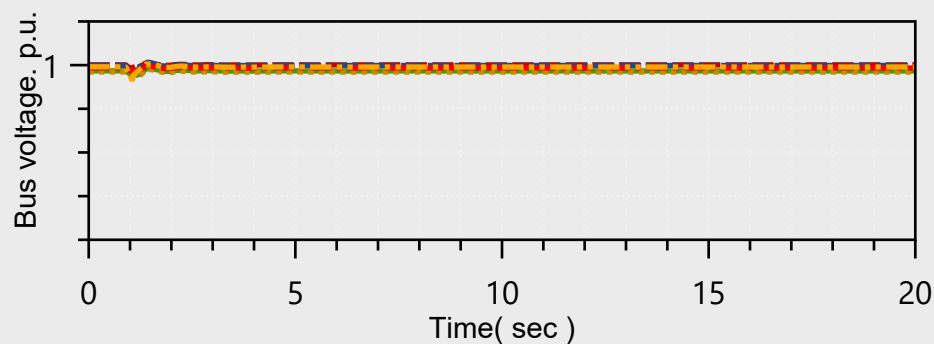
Voltage (pu)



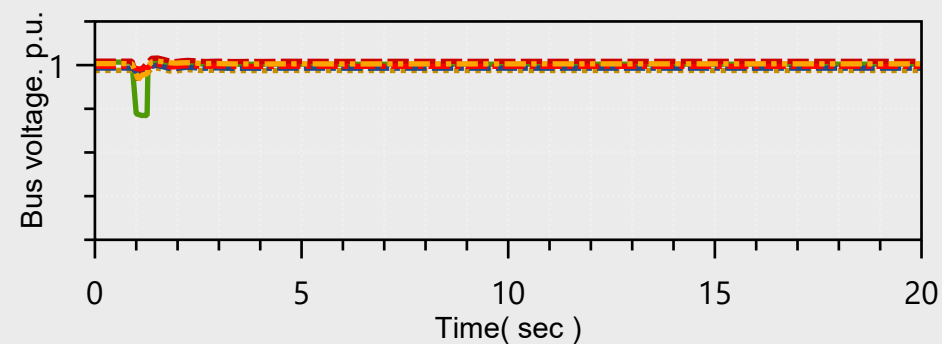
Voltage (pu)



Voltage (pu)

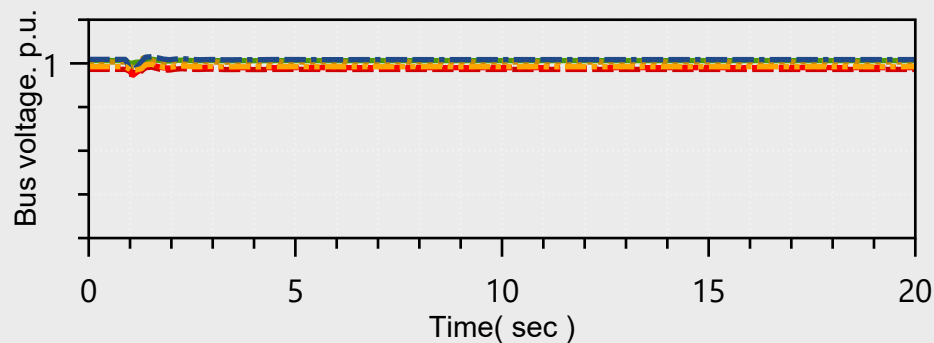


Voltage (pu)

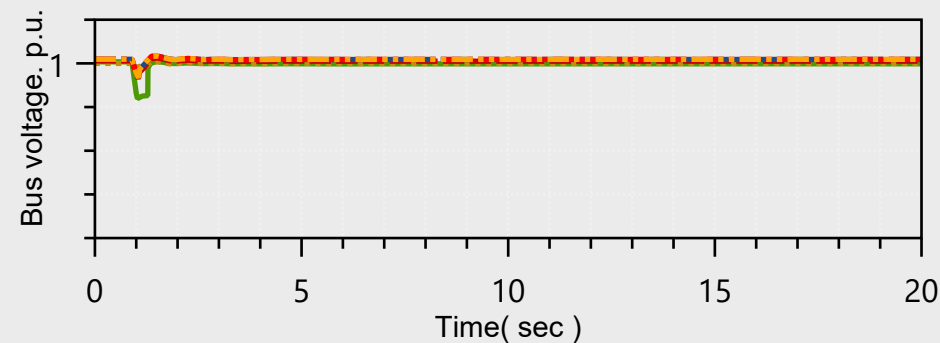


OUTPUTS

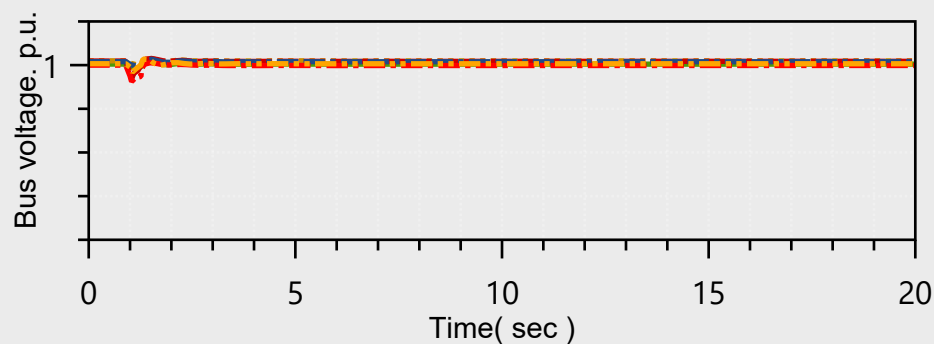
Voltage (pu)



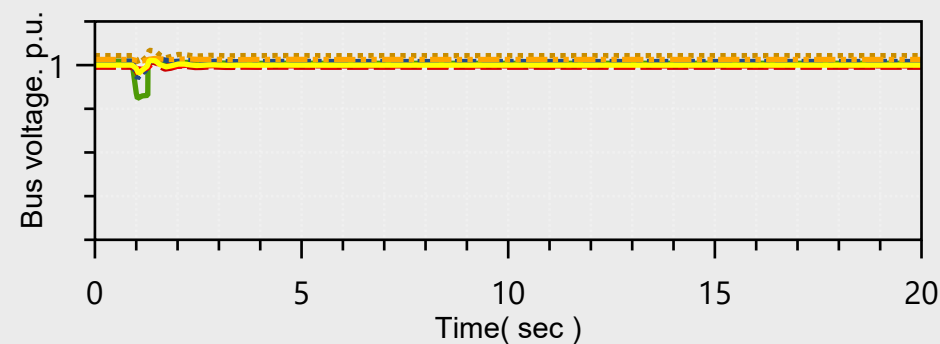
Voltage (pu)



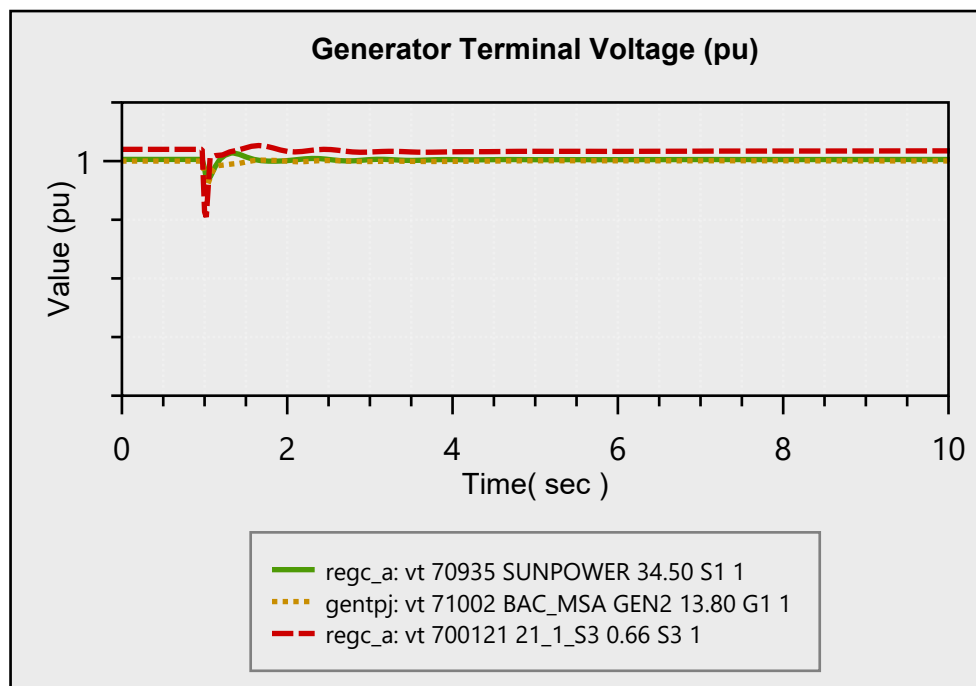
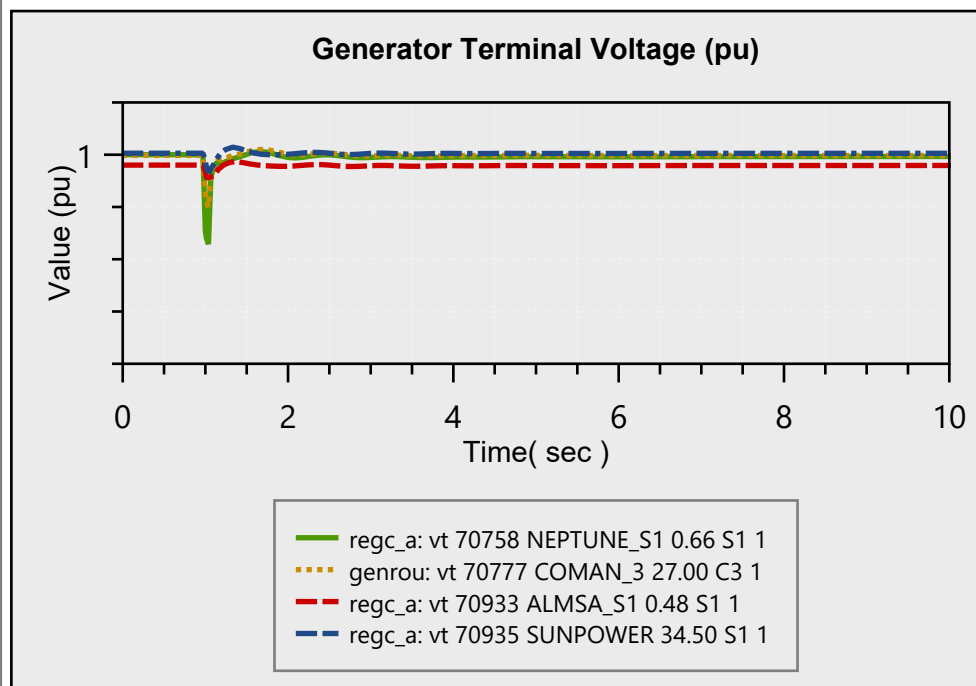
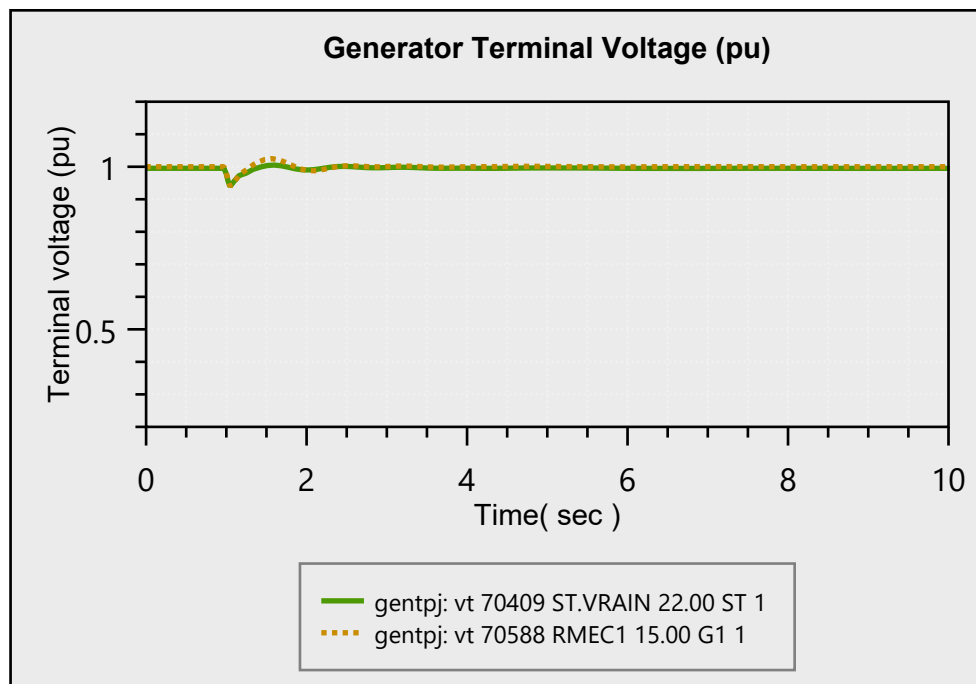
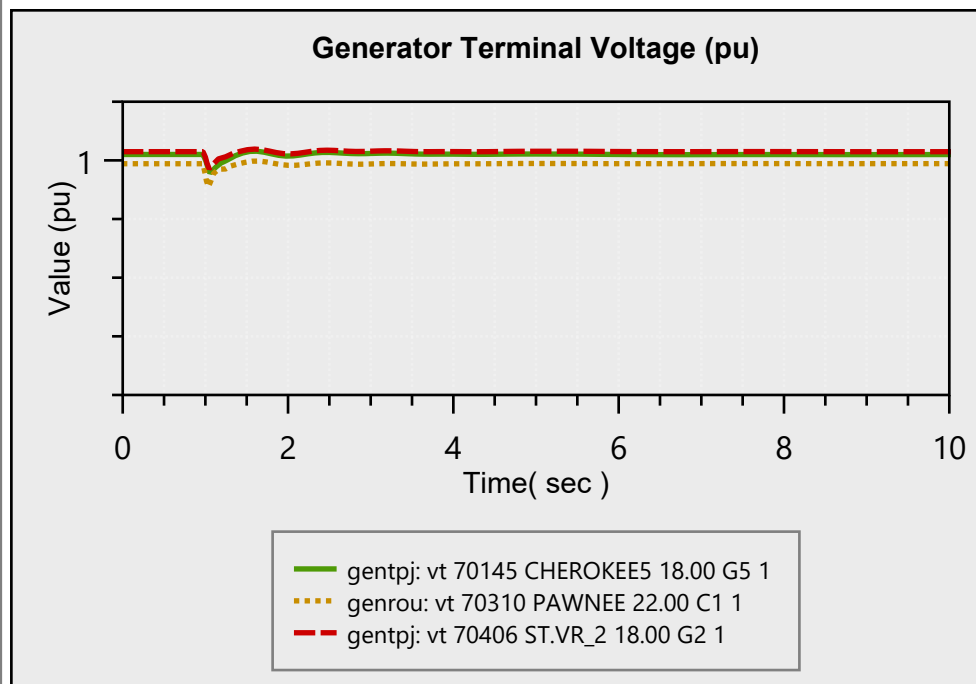
Voltage (pu)



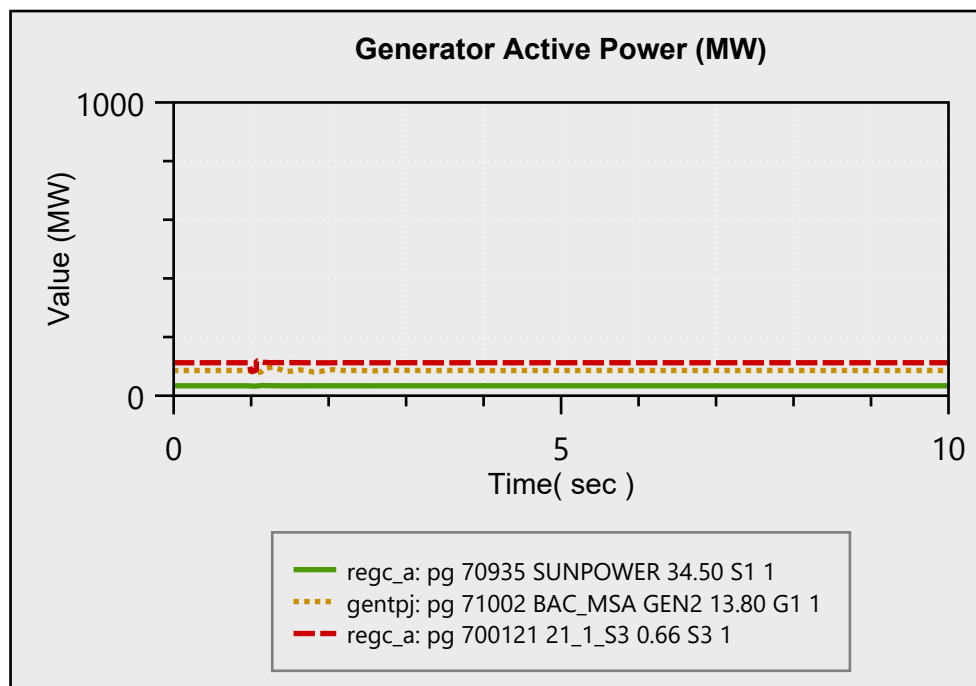
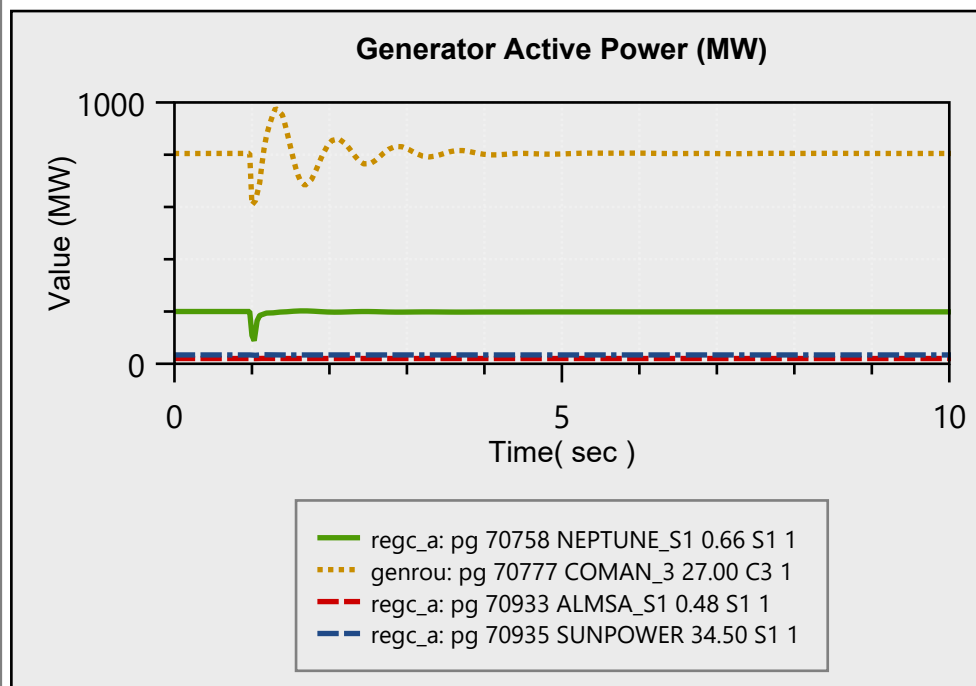
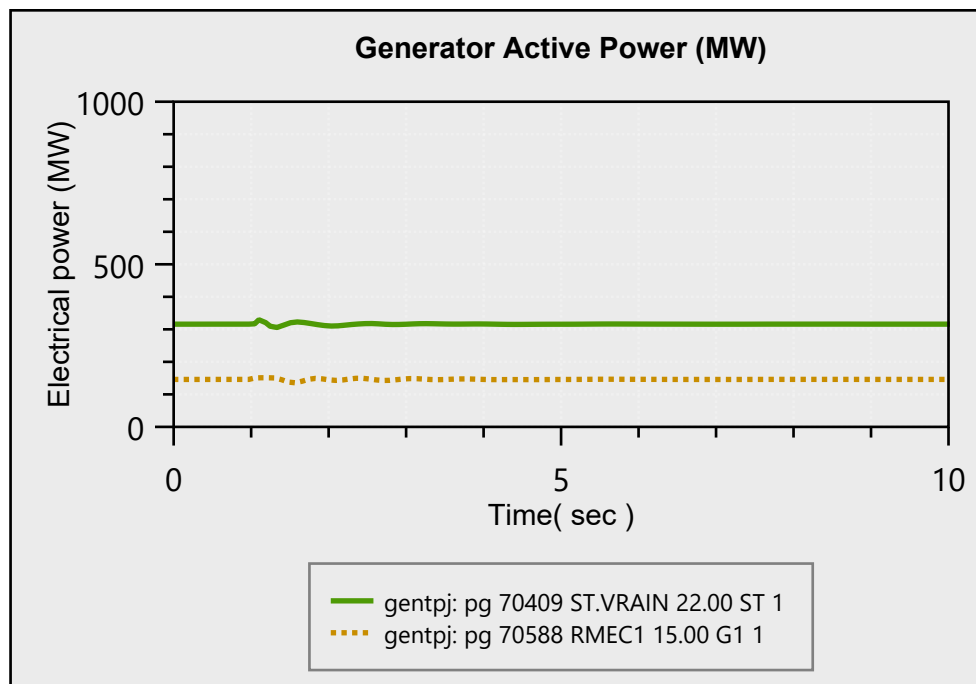
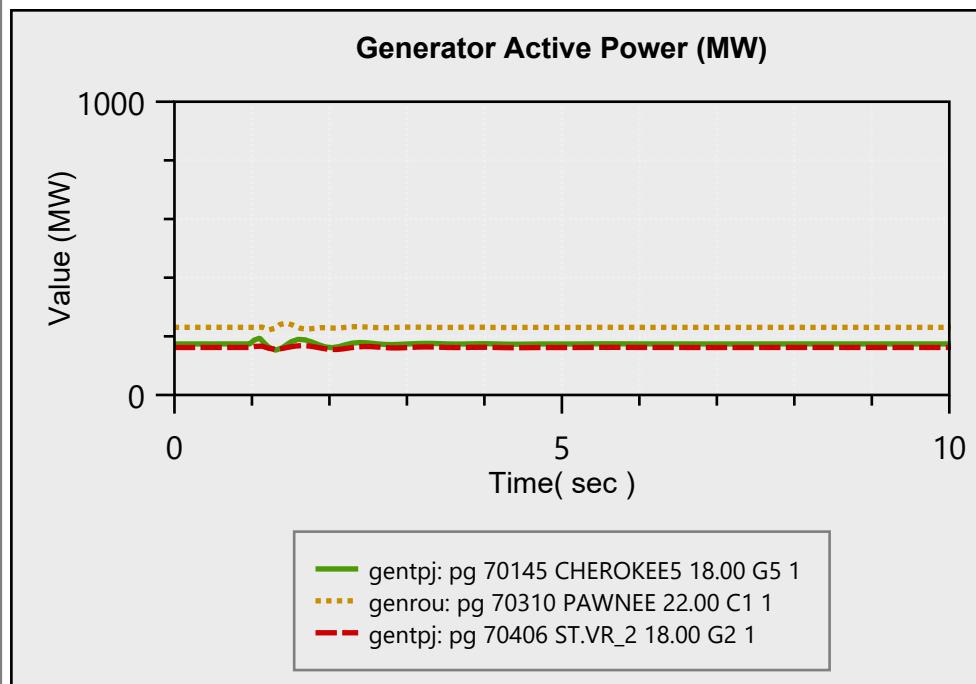
Voltage (pu)



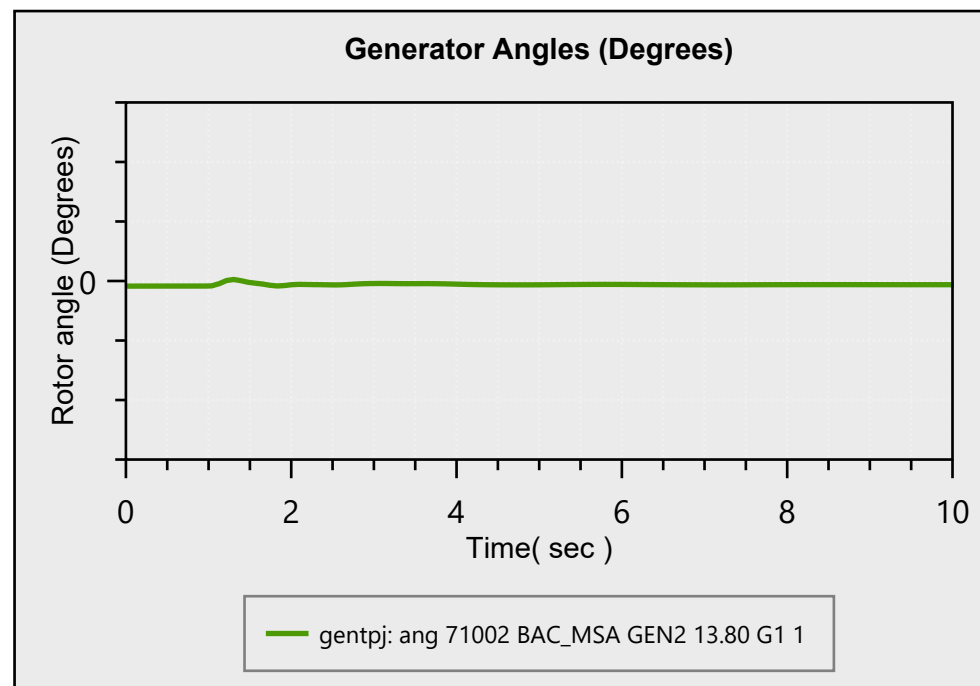
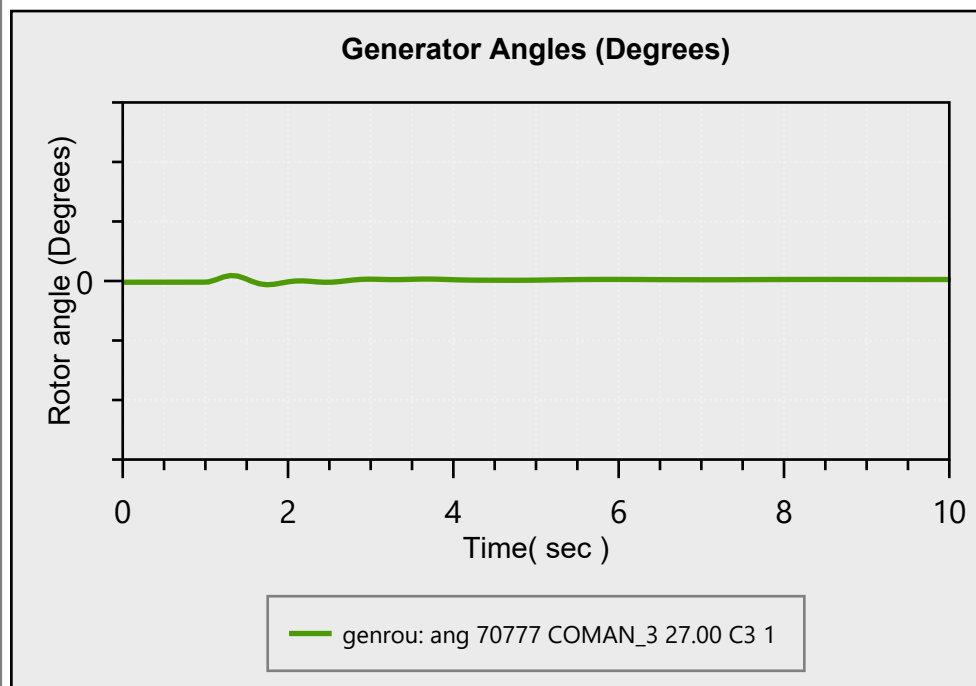
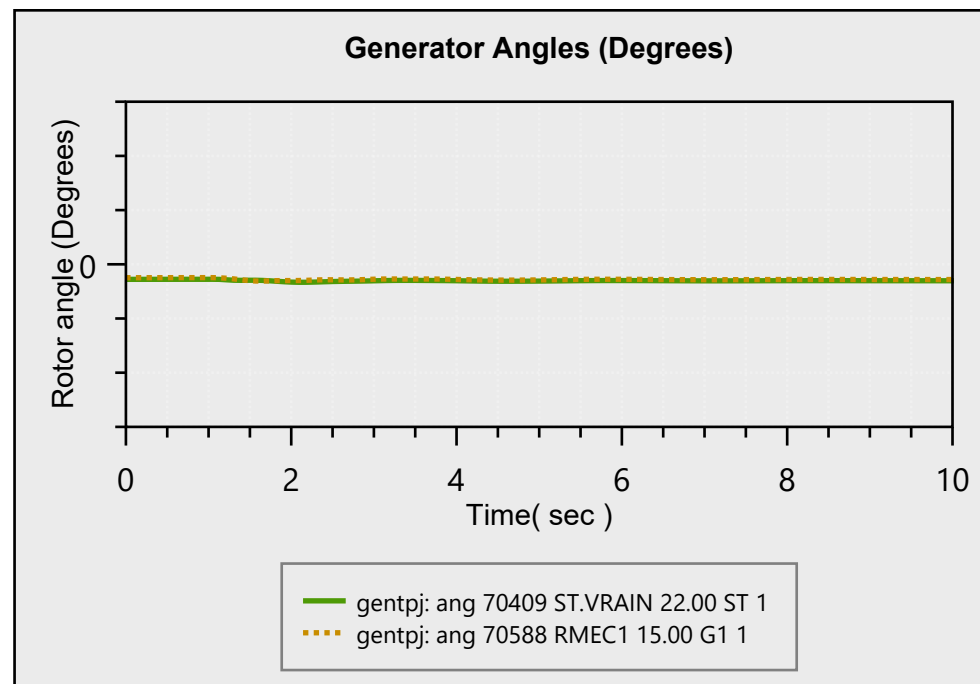
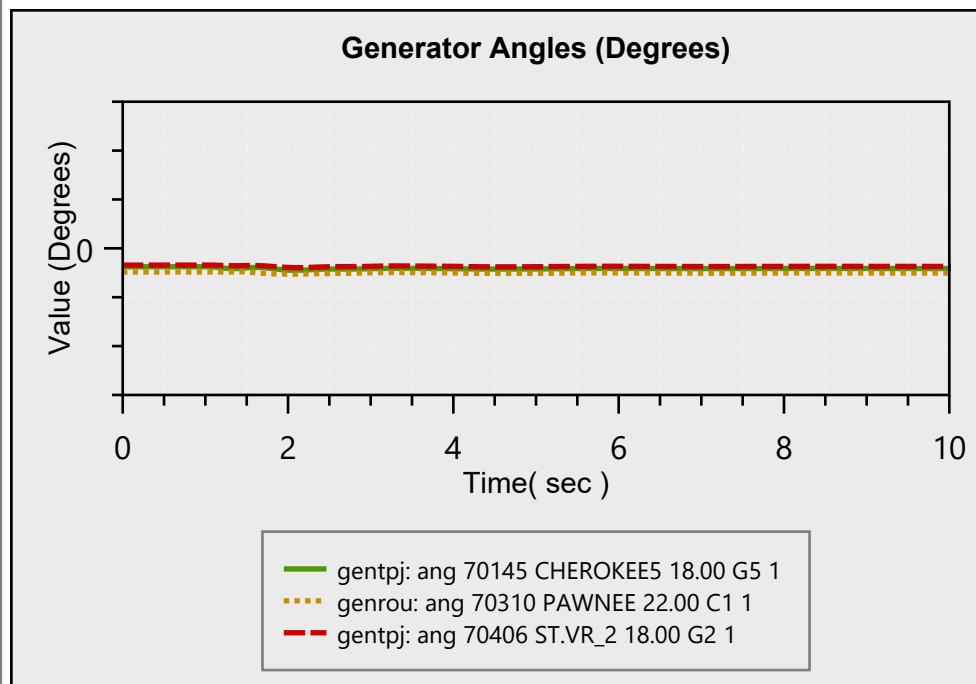
OUTPUTS



OUTPUTS

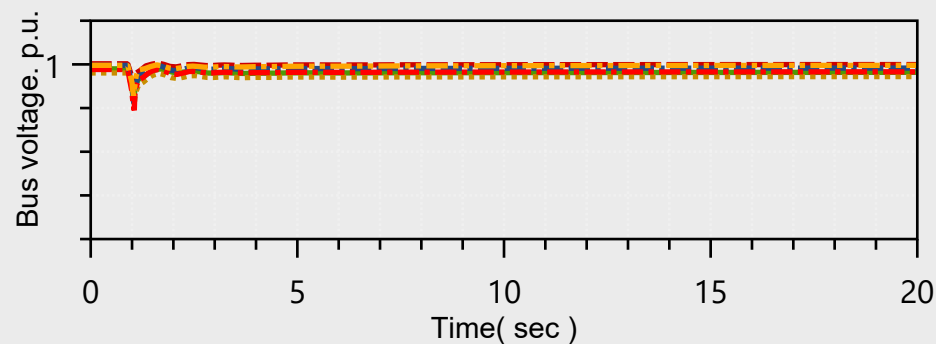


OUTPUTS



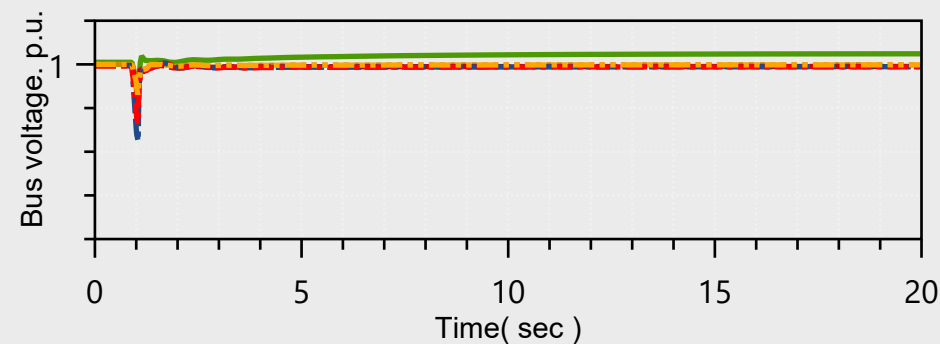
OUTPUTS

Voltage (pu)



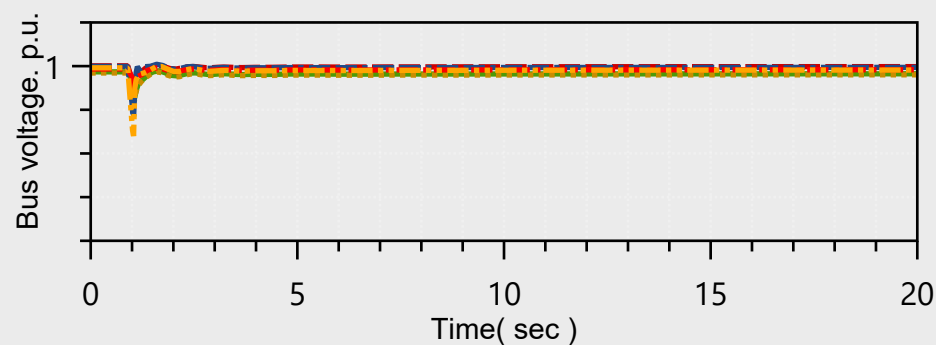
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 vmeta: vbus 70466 WATERTON 345.00 1 1
 vmeta: vbus 70598 PAWNEE 345.00 1 1
 vmeta: vbus 70599 SMOKY_HL 345.00 1 1
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Voltage (pu)



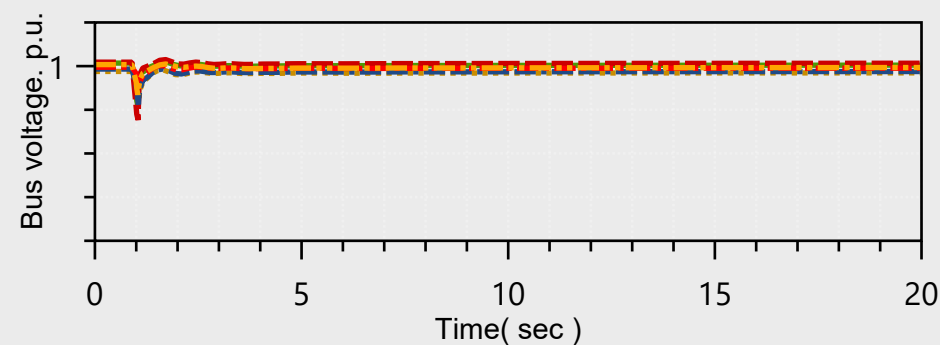
vmeta: vbus 70627 LIMON3 345.00 1 1
 vmeta: vbus 70628 PRONGHORN 345.00 1 1
 vmeta: vbus 70630 SHORTGRASS 345.00 1 1
 vmeta: vbus 70653 TUNDRA 345.00 1 1
 vmeta: vbus 70654 COMANCHE 345.00 1 1
 vmeta: vbus 70764 RUSHCK1_W1W2 345.00 1 1

Voltage (pu)



vmeta: vbus 70018 SODA_LAKES 230.00 1 1
 vmeta: vbus 70038 ARAPAHOE 230.00 1 1
 vmeta: vbus 70915 CANAL_XING 345.00 1 1
 vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
 vmeta: vbus 70916 FT_ST_VRAIN 345.00 1 1
 vmeta: vbus 70921 SANDSTONE 345.00 1 1

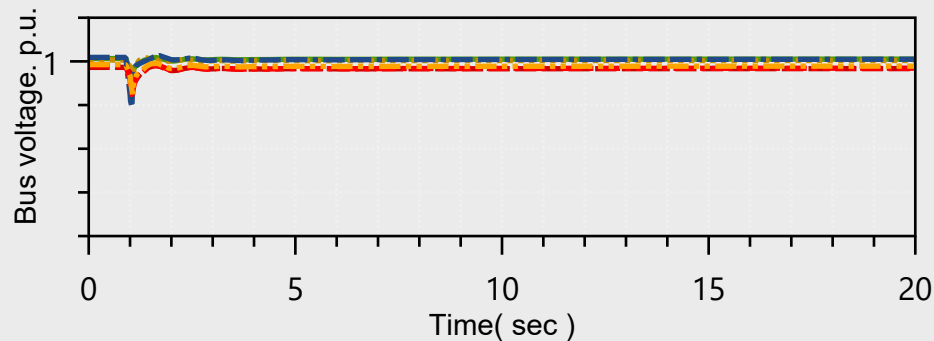
Voltage (pu)



vmeta: vbus 70061 BOONE 230.00 1 1
 vmeta: vbus 70107 CHEROKEE 230.00 1 1
 vmeta: vbus 70122 COMANCHE 230.00 1 1
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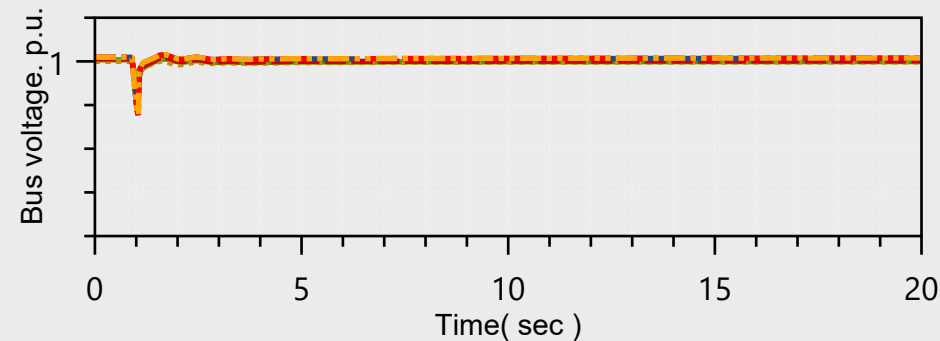
OUTPUTS

Voltage (pu)



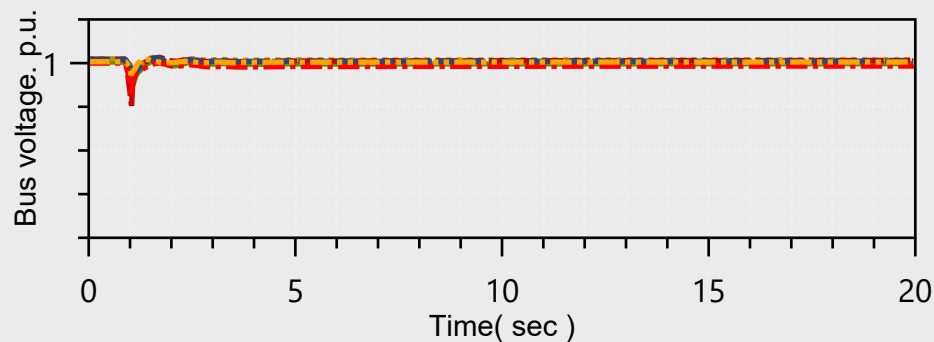
— vmeta: vbus 70311 PAWNEE 230.00 1 1
 - - - vmeta: vbus 70375 SANLSVLY 230.00 1 1
 - - - vmeta: vbus 70447 VALMONT 230.00 1 1
 - - - vmeta: vbus 70459 WALSENBG 230.00 1 1
 - - - vmeta: vbus 70464 WATERTON 230.00 1 1
 - - - vmeta: vbus 70528 SPRUCE 230.00 1 1

Voltage (pu)



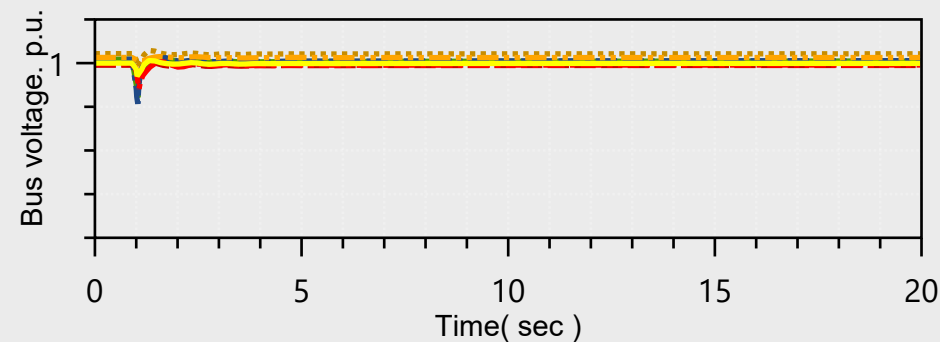
— vmeta: vbus 70060 BOONE 115.00 1 1
 - - - vmeta: vbus 70623 MISS_SITE 230.00 1 1
 - - - vmeta: vbus 70652 MIRASOL 230.00 1 1
 - - - vmeta: vbus 70875 BIGHORN_S_3 230.00 1 1
 - - - vmeta: vbus 700208 REPL_2024_1 230.00 1 1
 - - - vmeta: vbus 700134 REPL_2021_1 230.00 1 1

Voltage (pu)



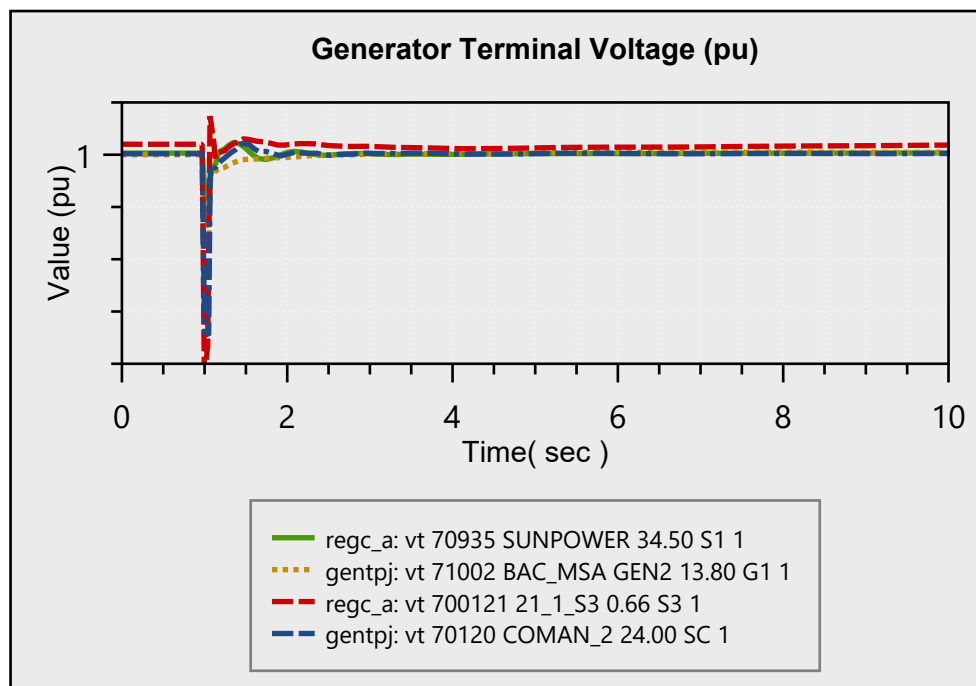
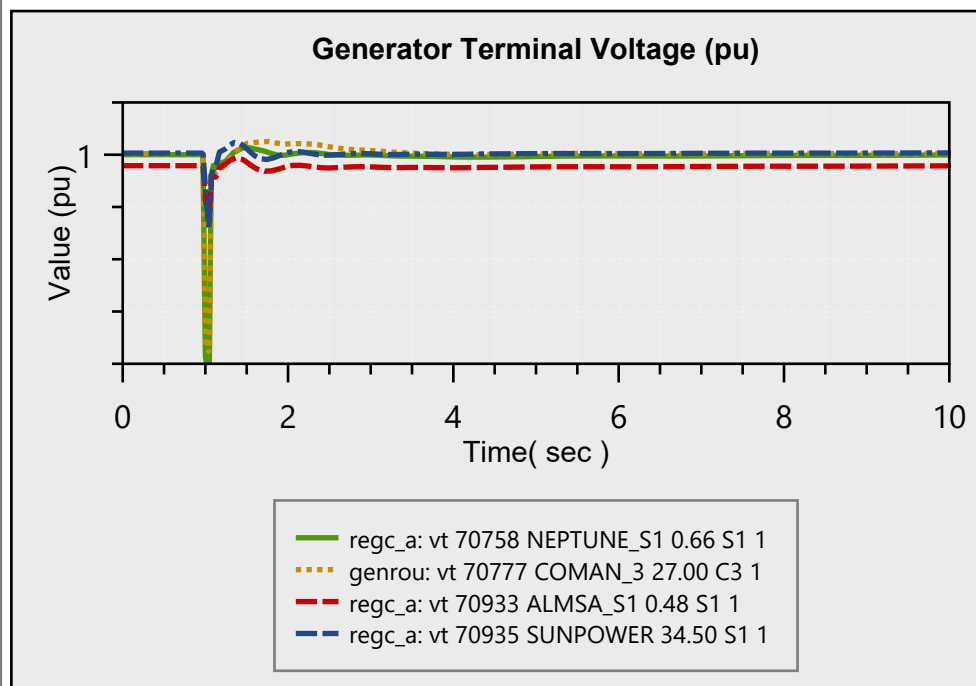
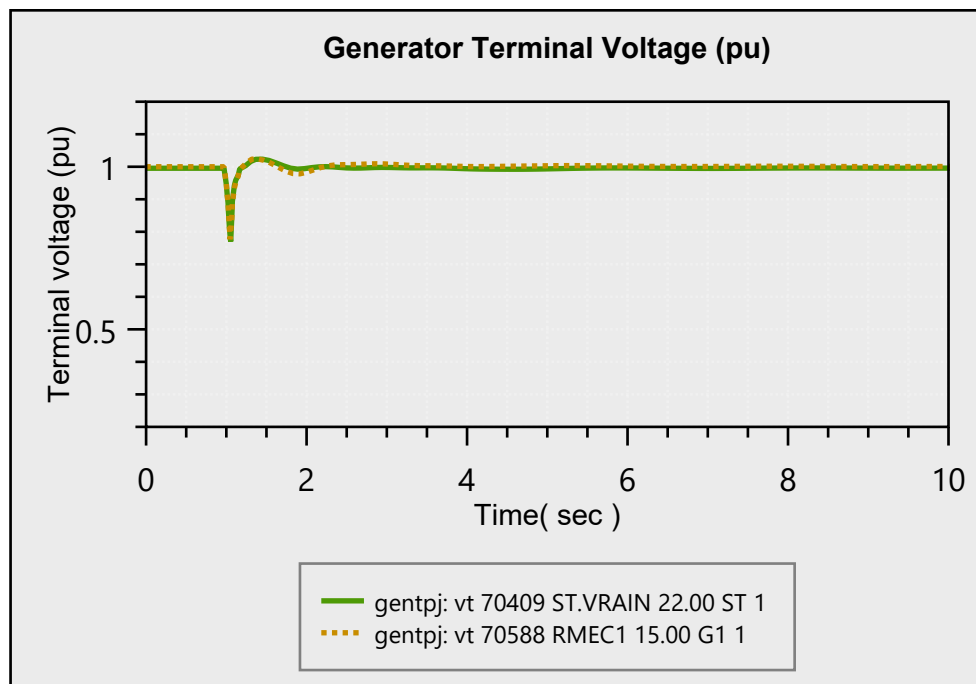
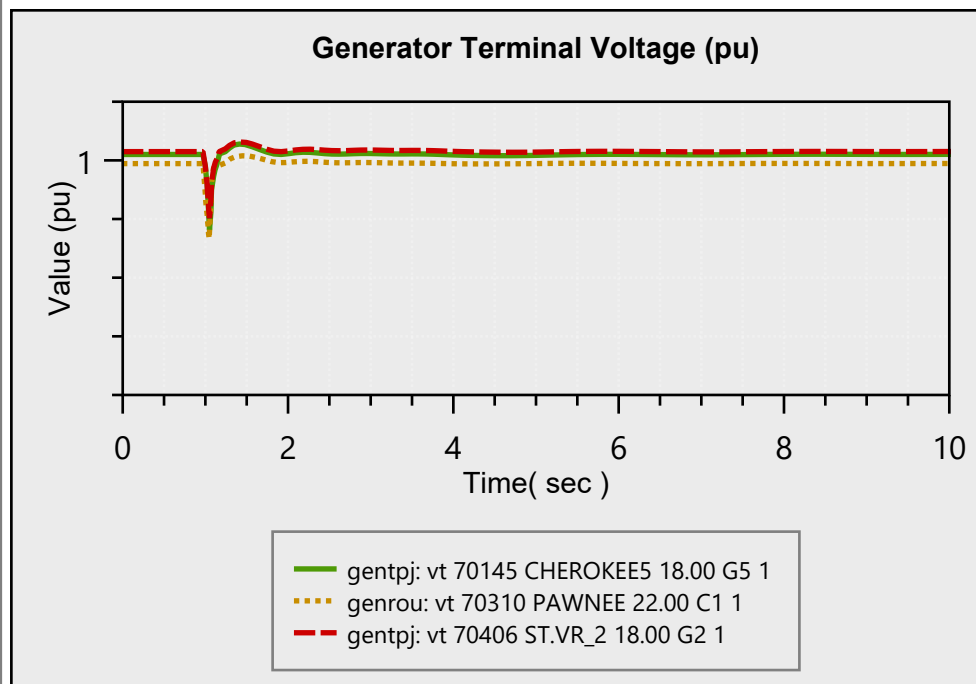
— vmeta: vbus 70066 LOOKOUT_2 115.00 1 1
 - - - vmeta: vbus 70108 CHEROKEE_S 115.00 1 1
 - - - vmeta: vbus 70121 COMANCHE_1 115.00 1 1
 - - - vmeta: vbus 70144 DENVER_TM_2 115.00 1 1
 - - - vmeta: vbus 70285 MIDWAY_PS 115.00 1 1
 - - - vmeta: vbus 70374 SANLSVLY 115.00 1 1

Voltage (pu)

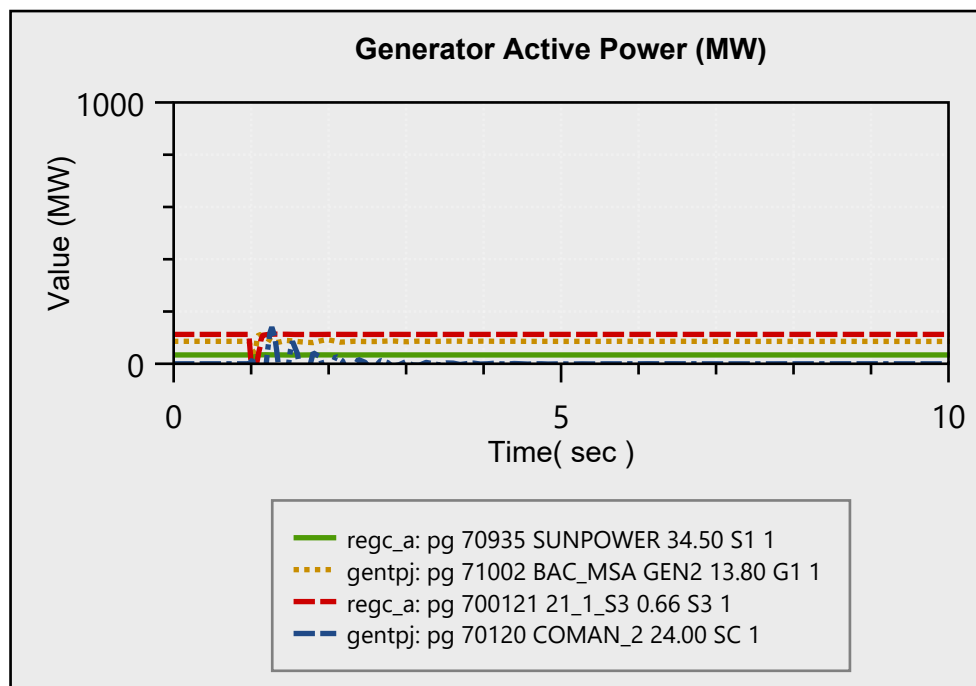
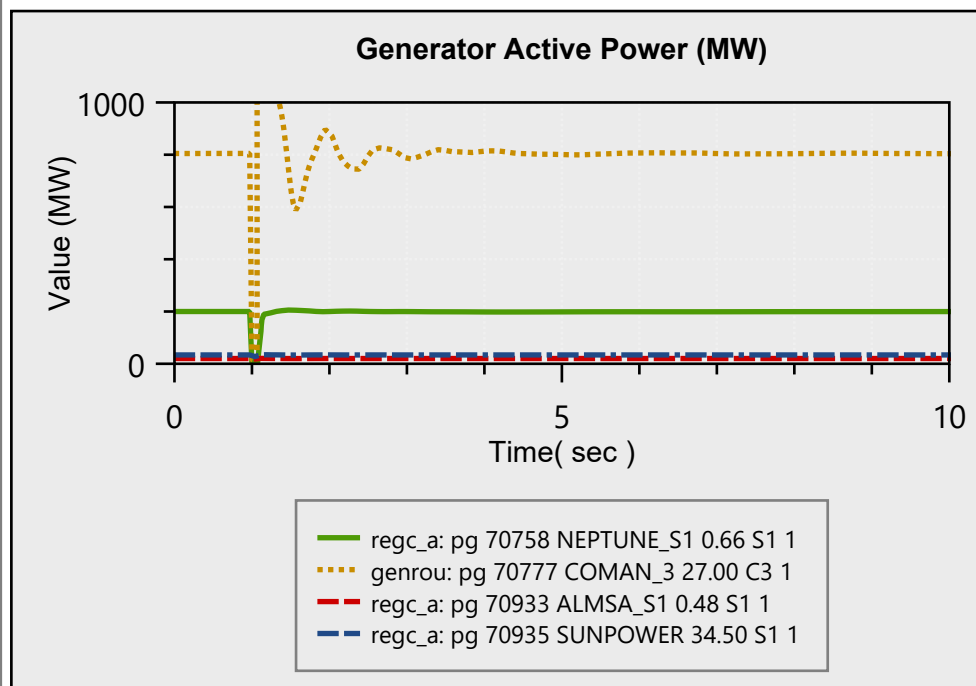
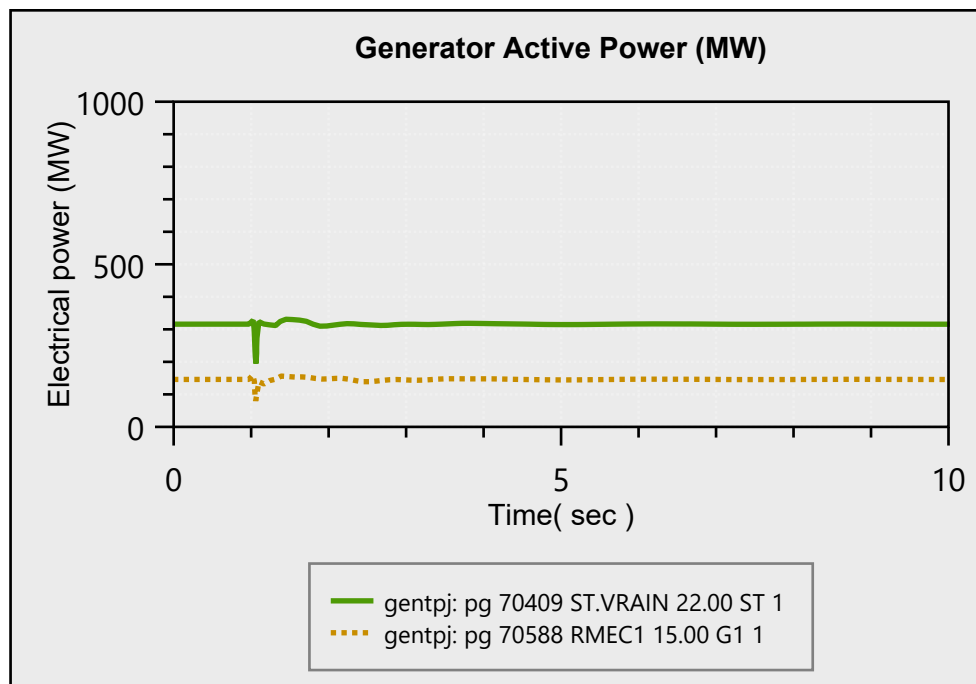
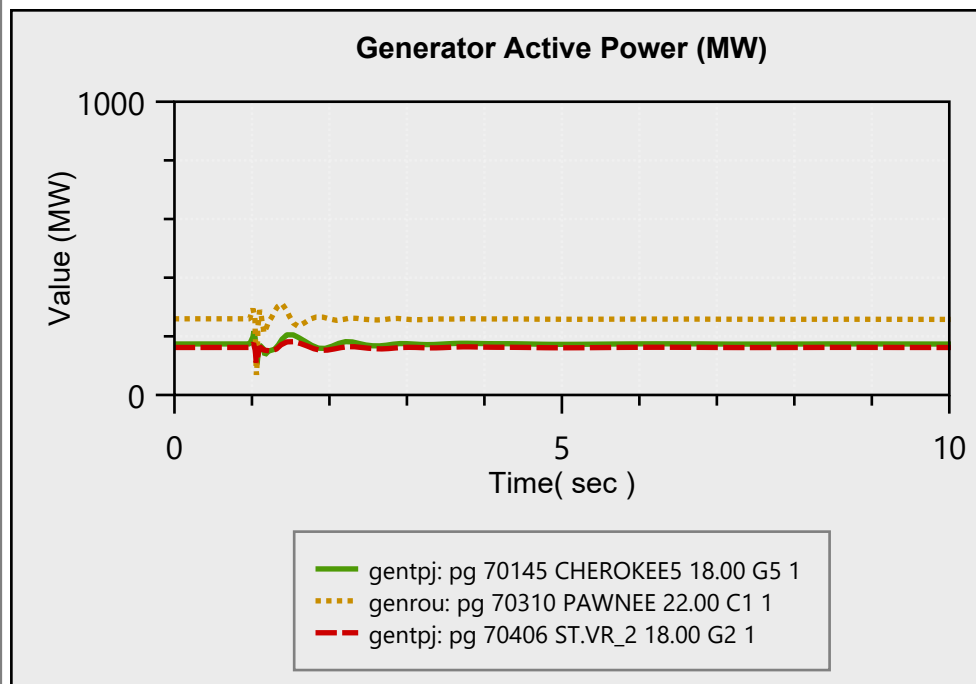


— vmeta: vbus 70062 BOONE 69.00 1 1
 - - - vmeta: vbus 70186 ALAMOSA_TP 69.00 1 1
 - - - vmeta: vbus 70230 HOOPERTP 69.00 1 1
 - - - vmeta: vbus 70353 READER 69.00 1 1
 - - - vmeta: vbus 70444 VALMONT_1 115.00 1 1
 - - - vmeta: vbus 70981 BLUESTONE 69.00 1 1

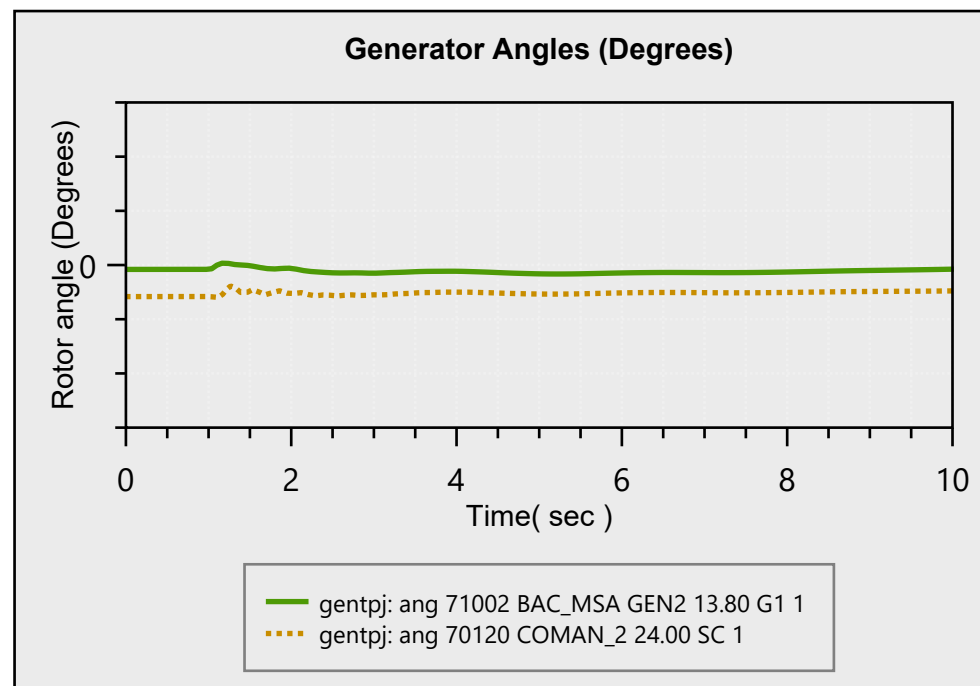
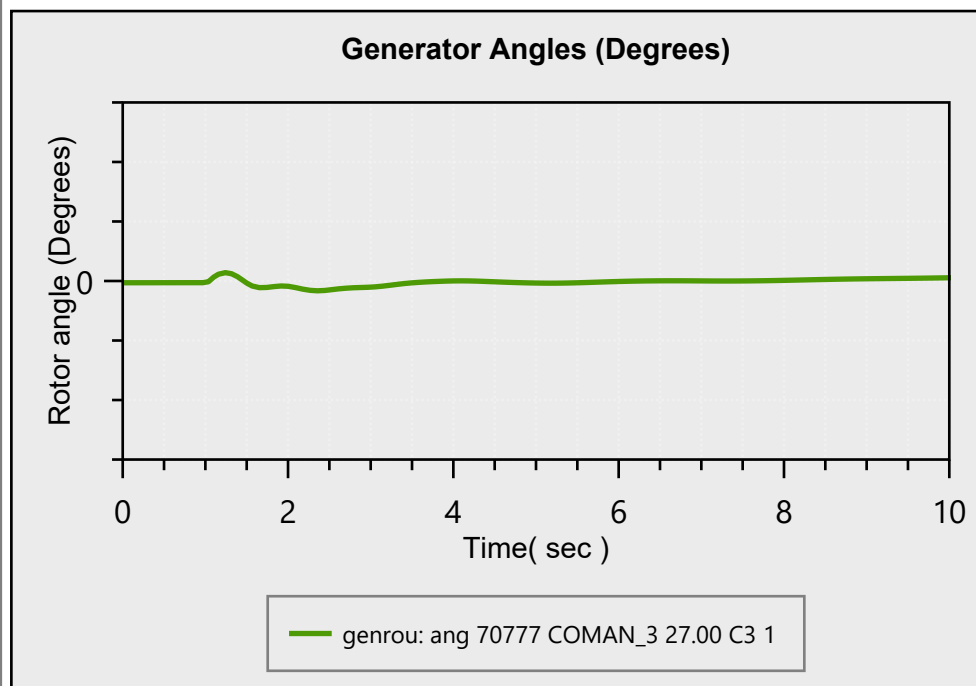
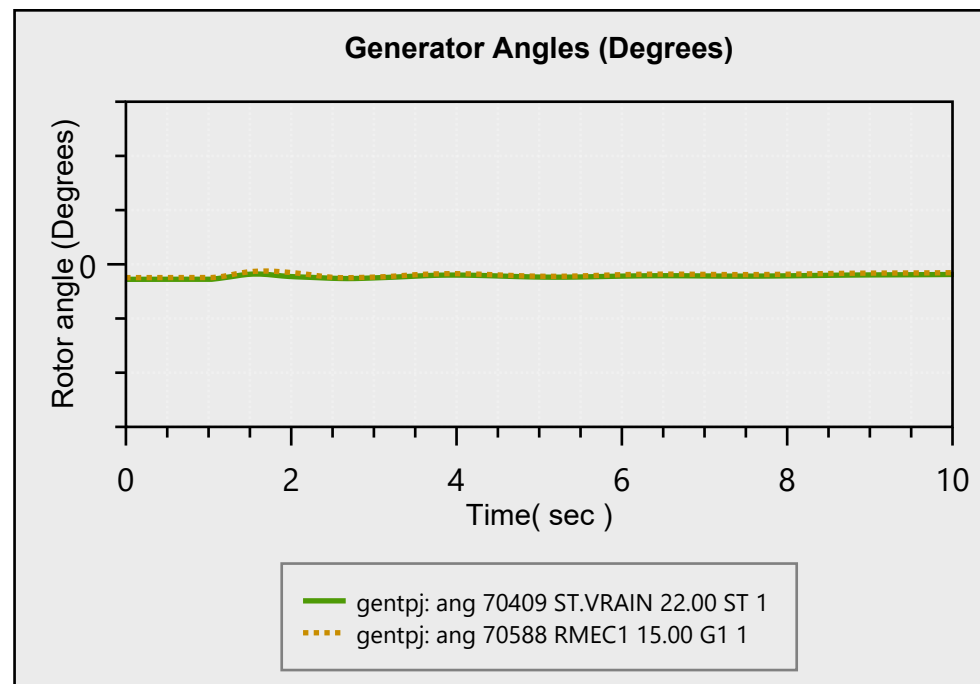
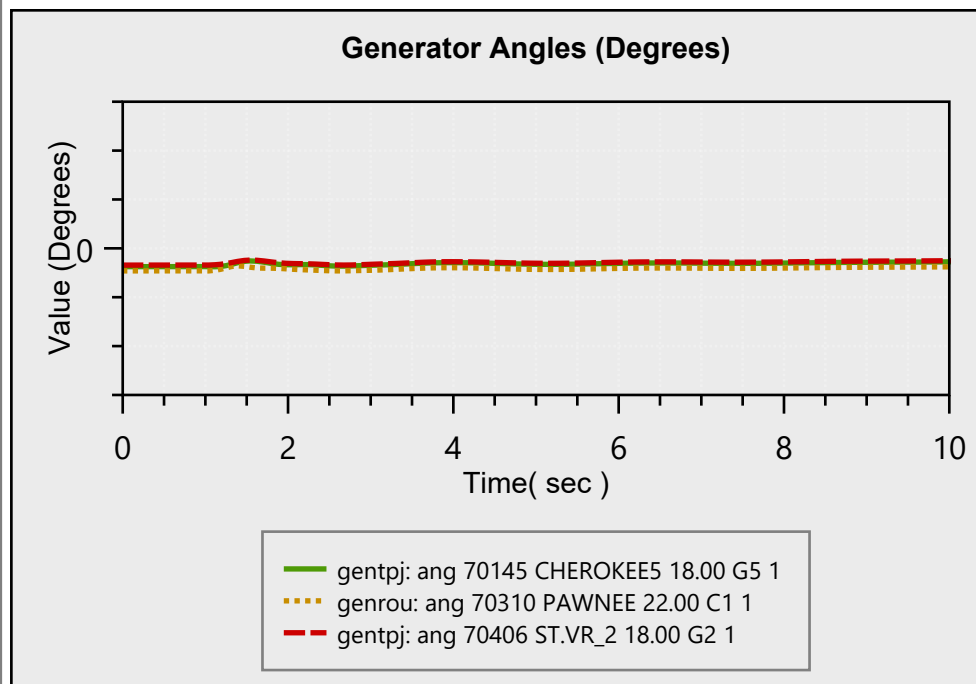
OUTPUTS



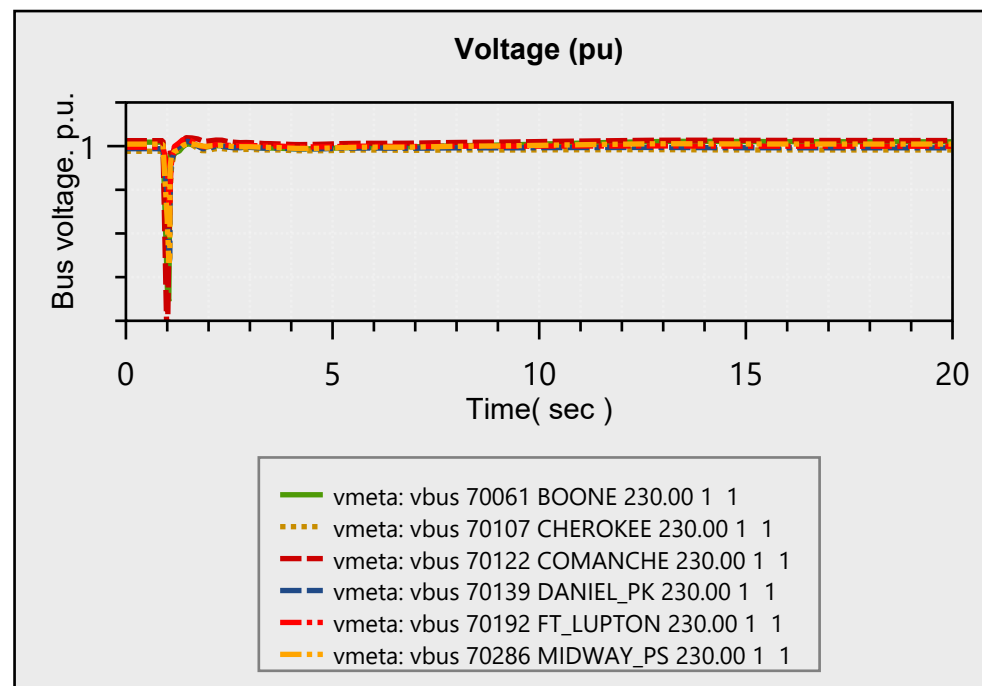
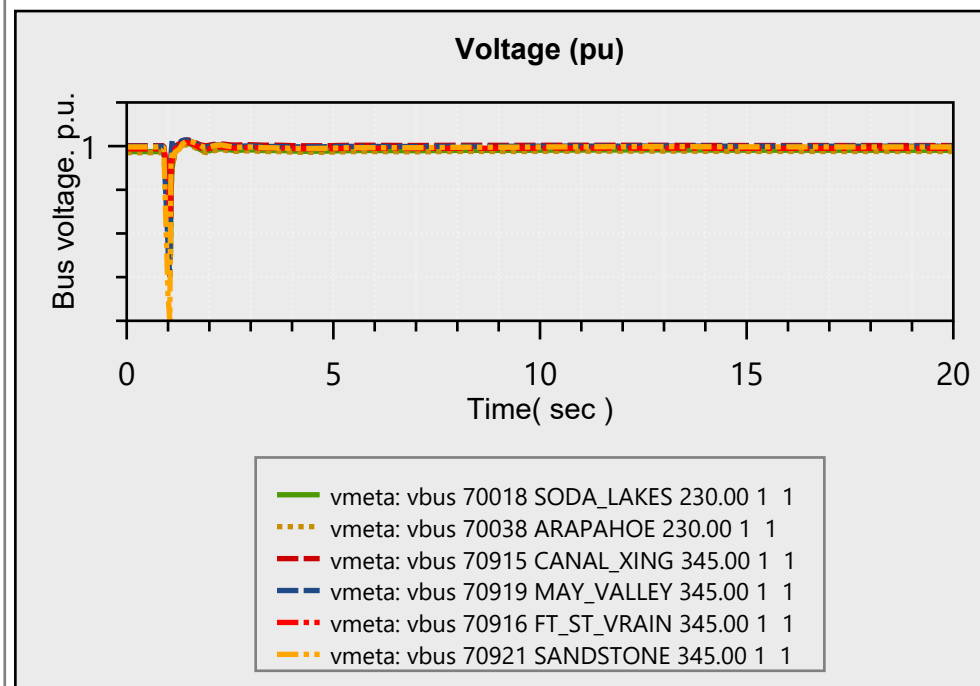
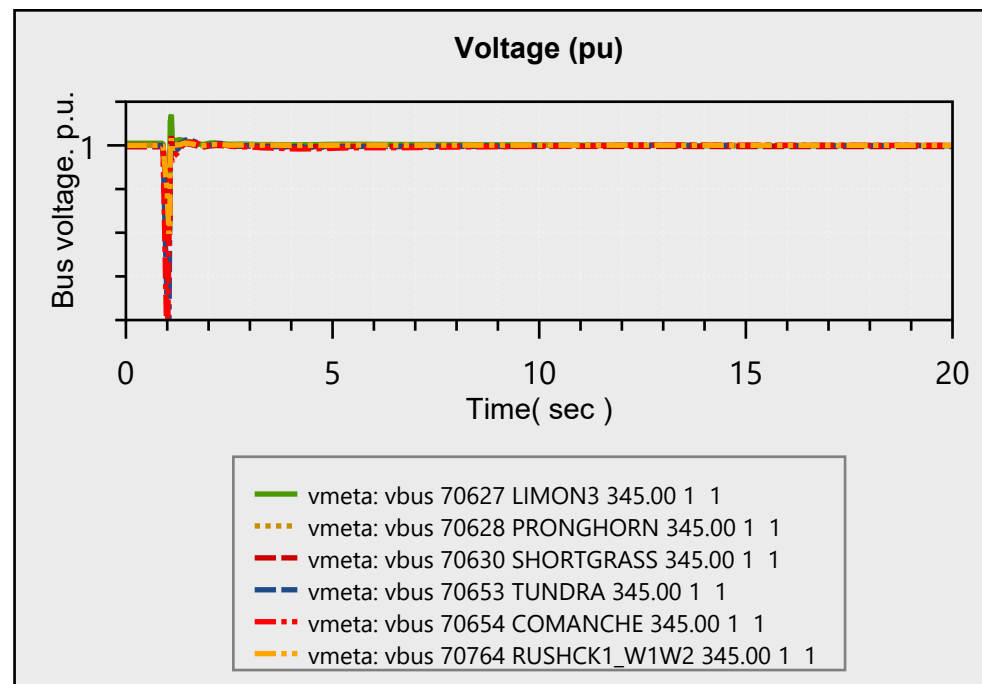
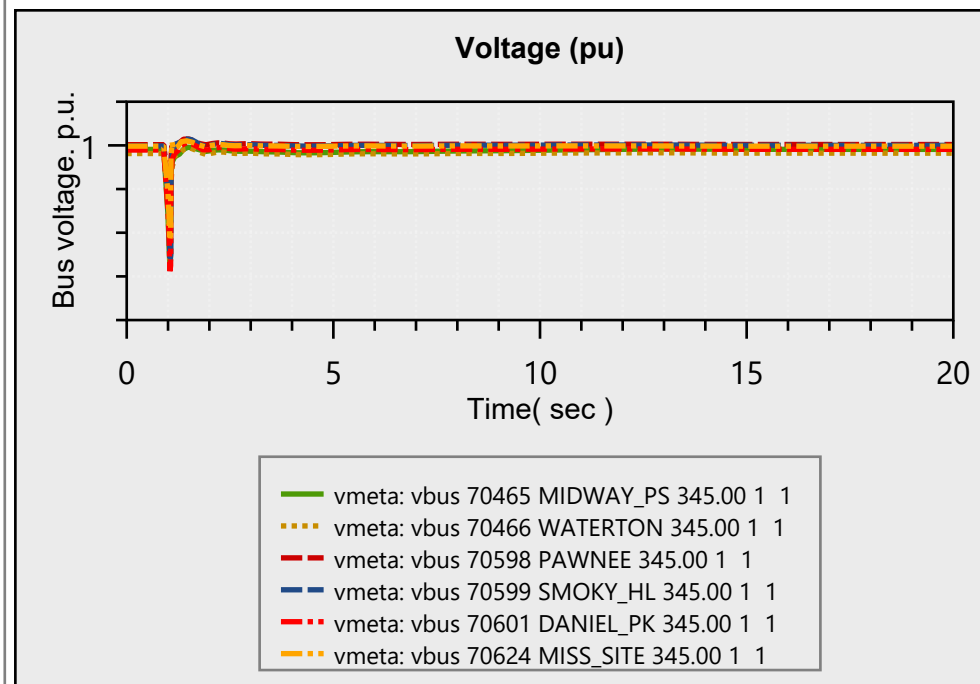
OUTPUTS



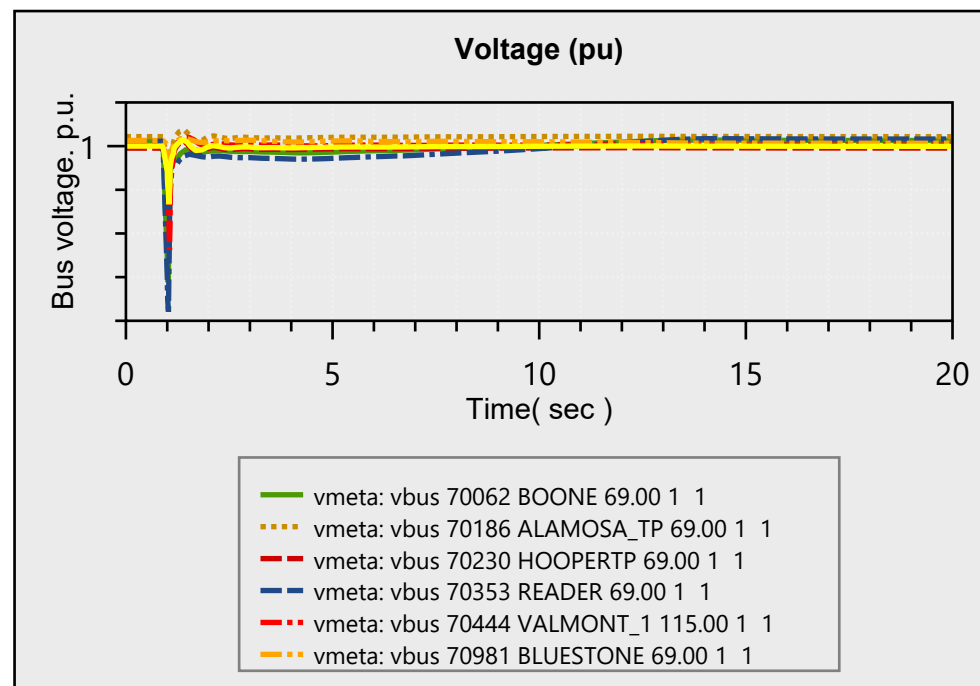
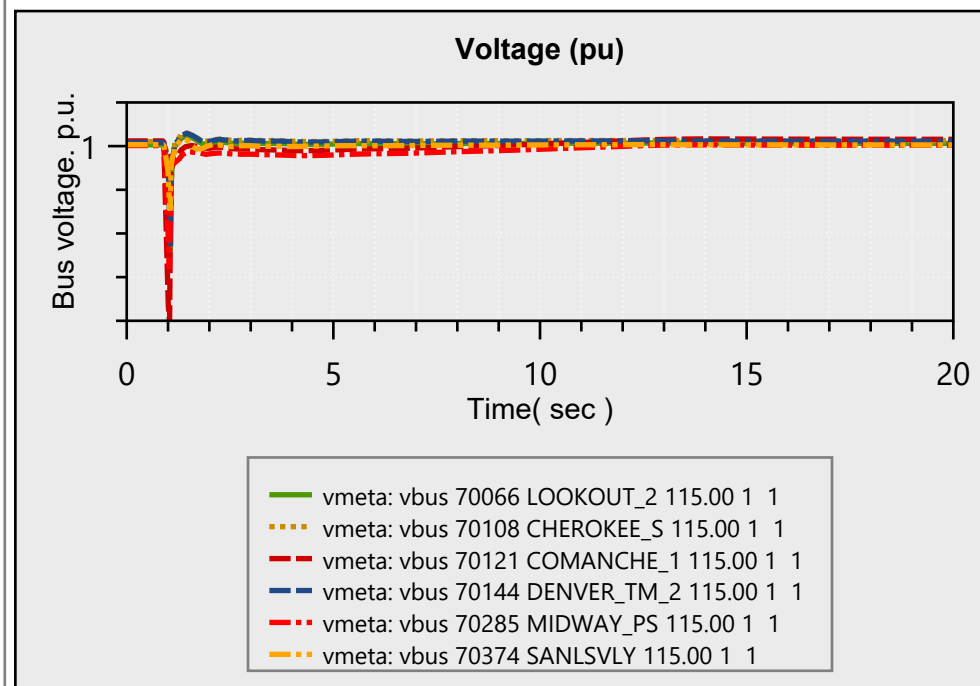
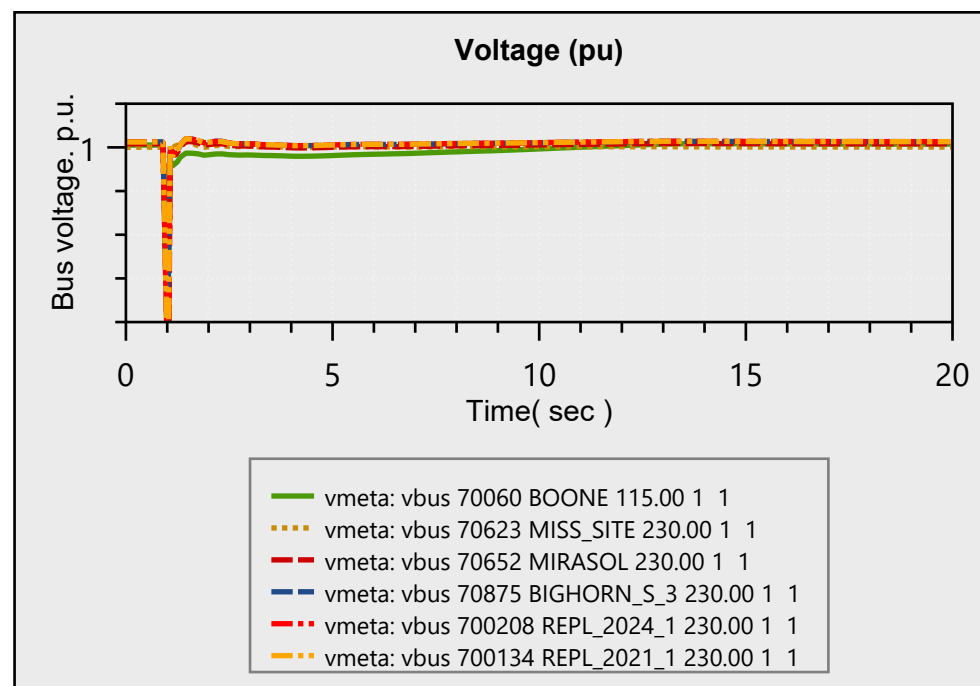
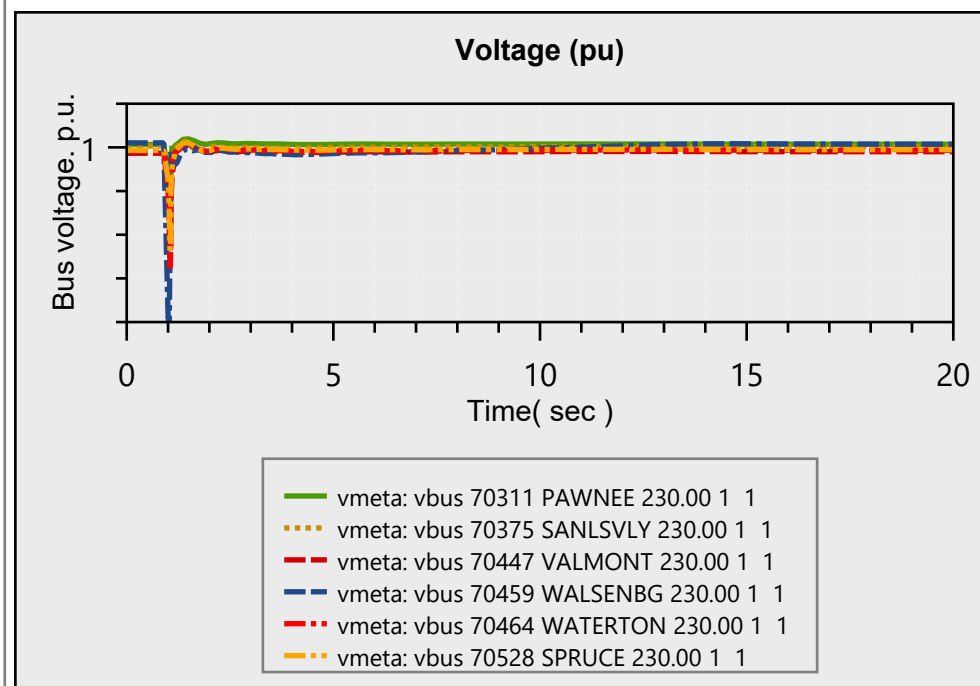
OUTPUTS



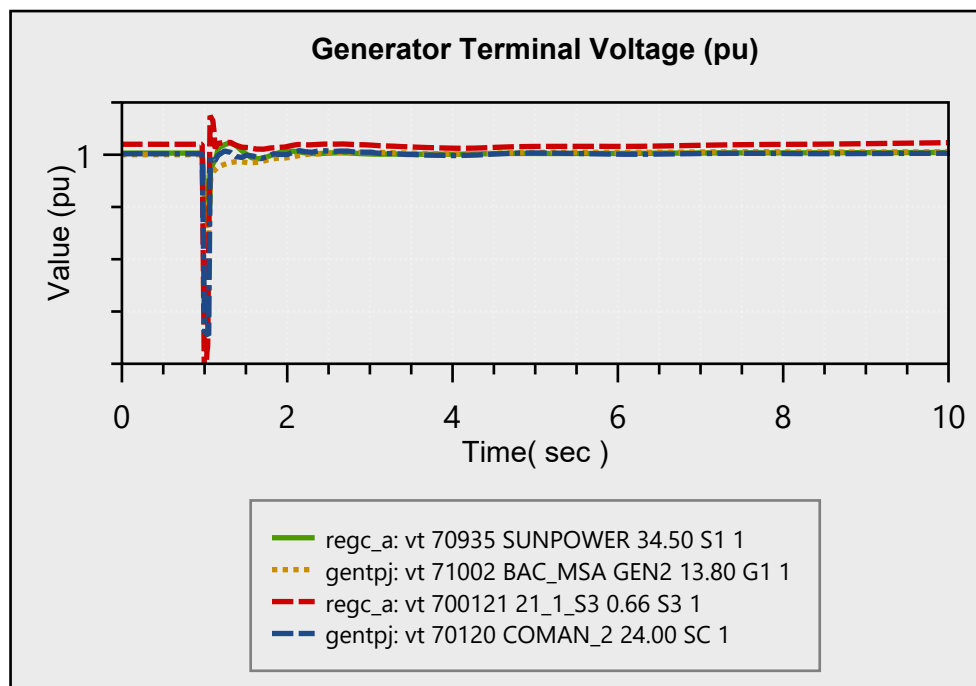
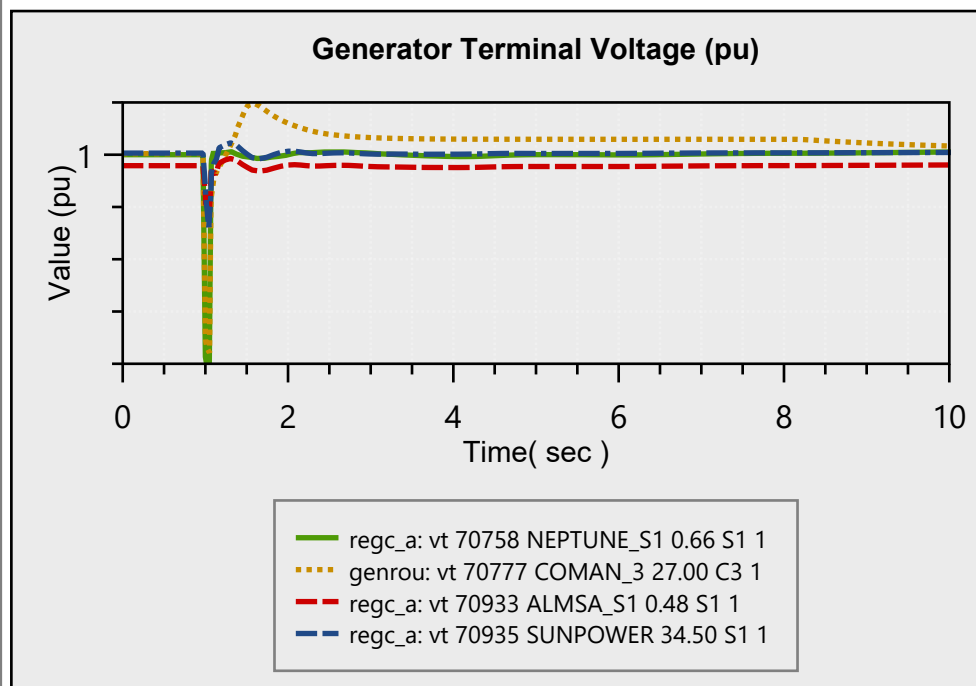
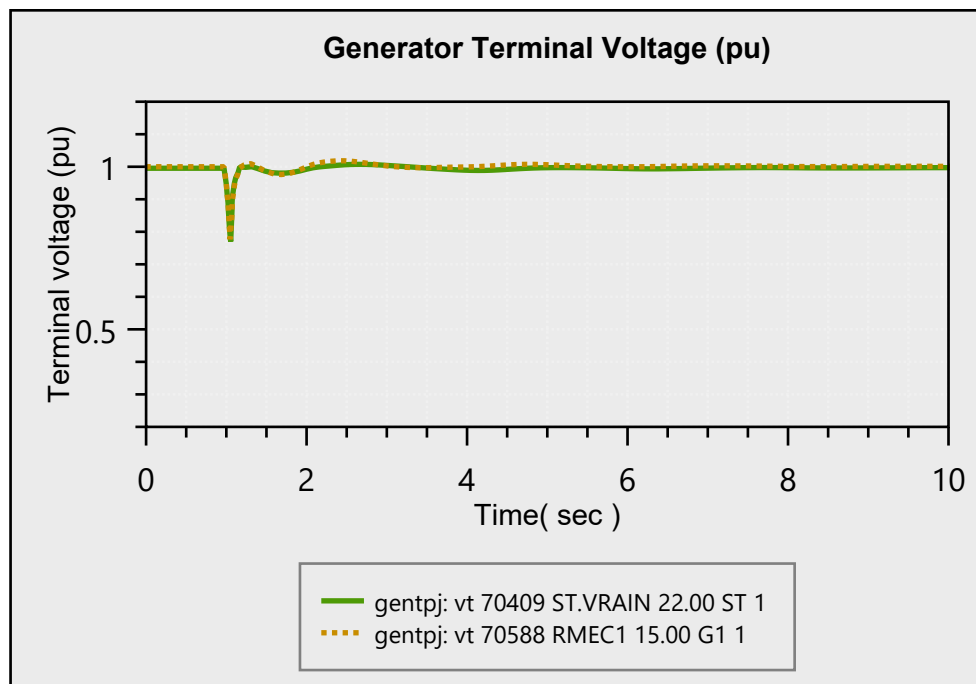
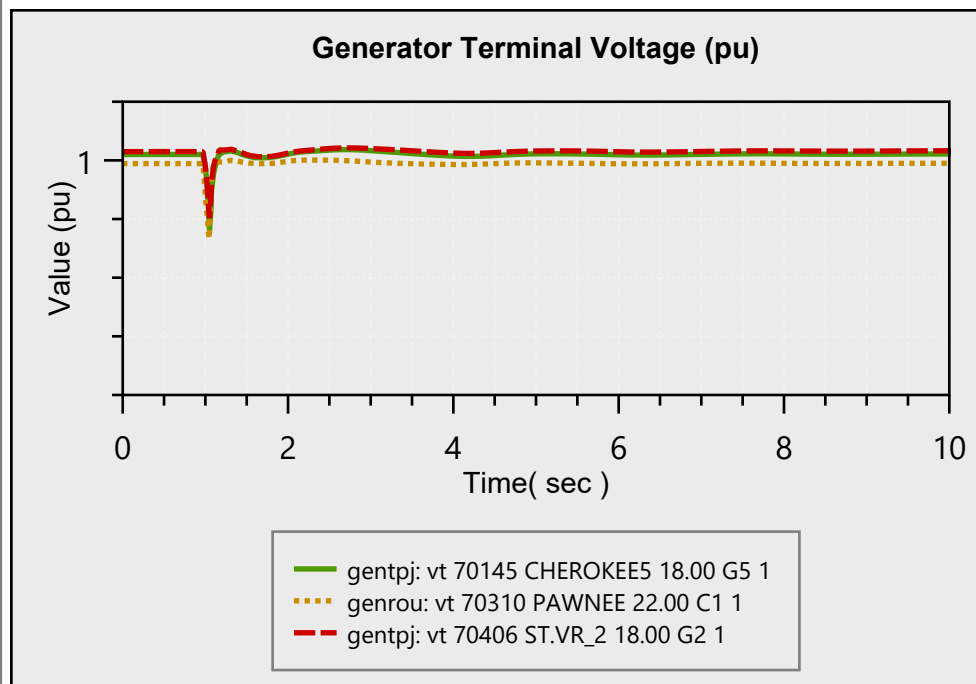
OUTPUTS



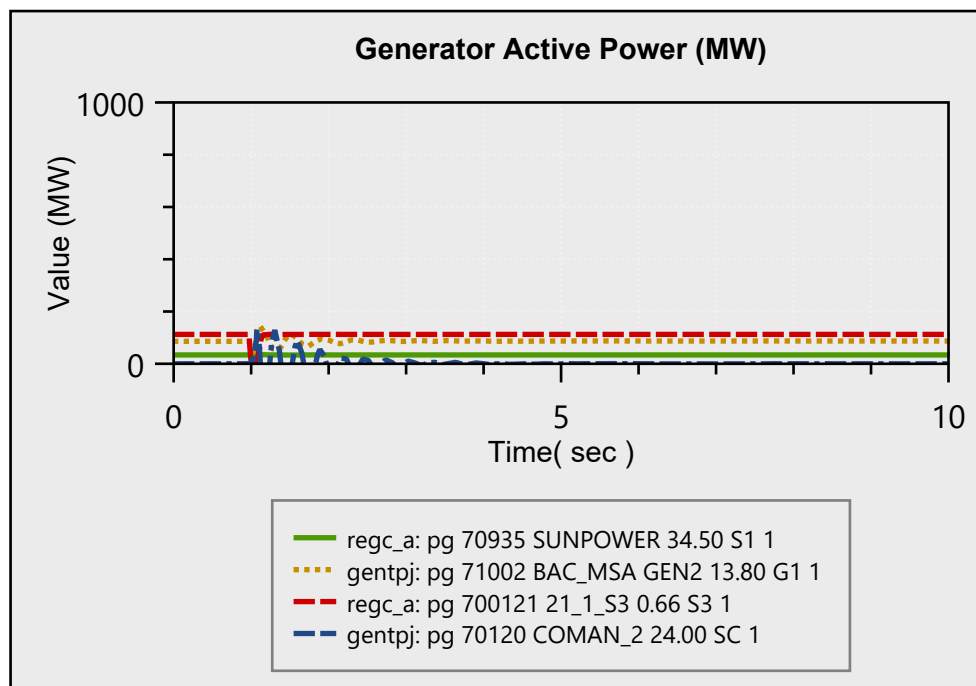
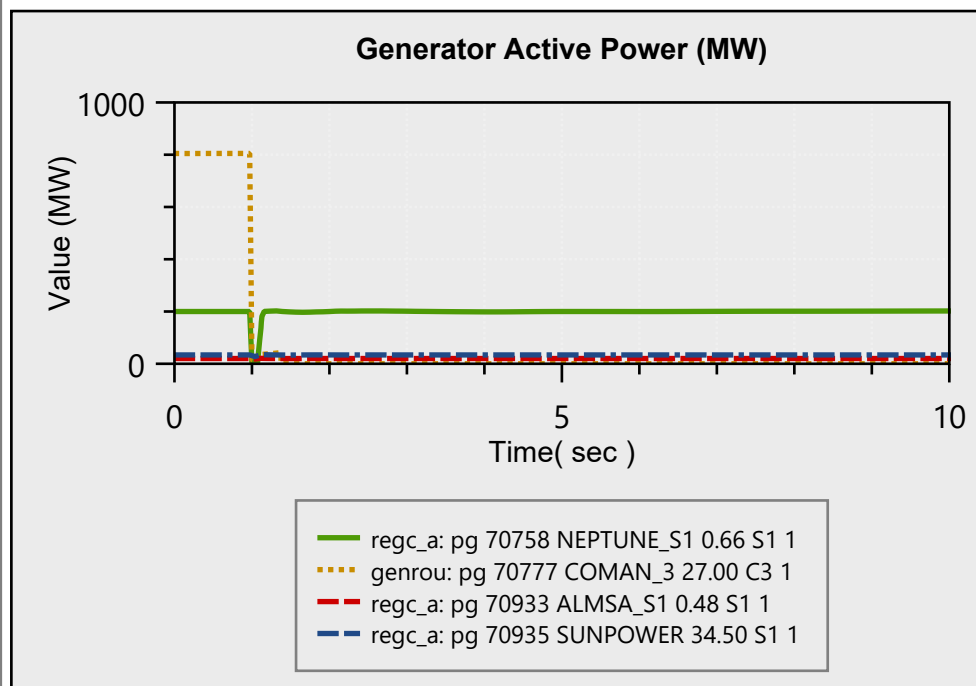
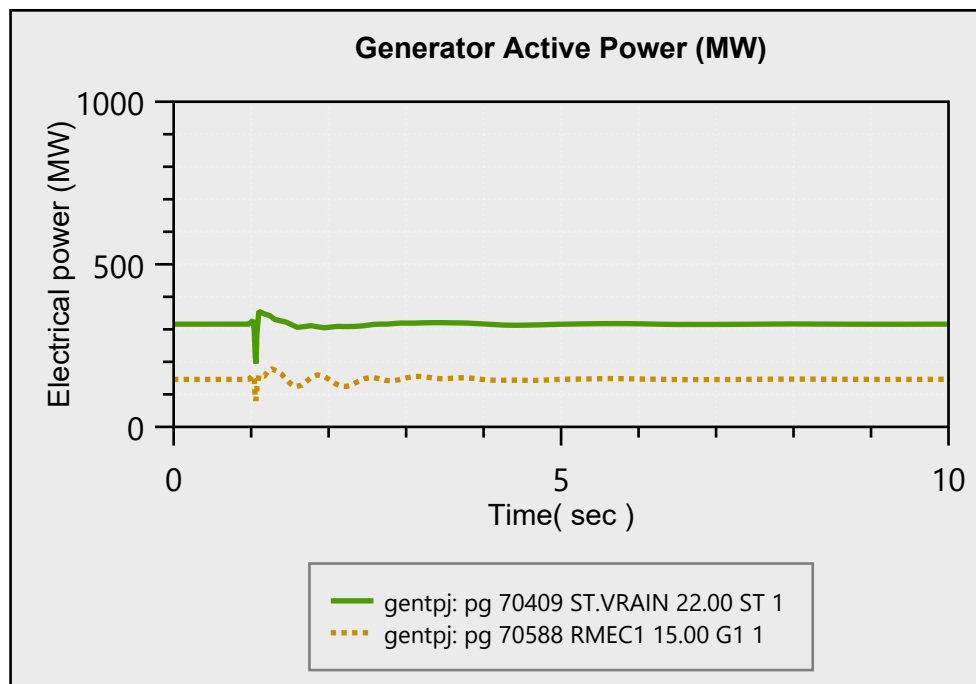
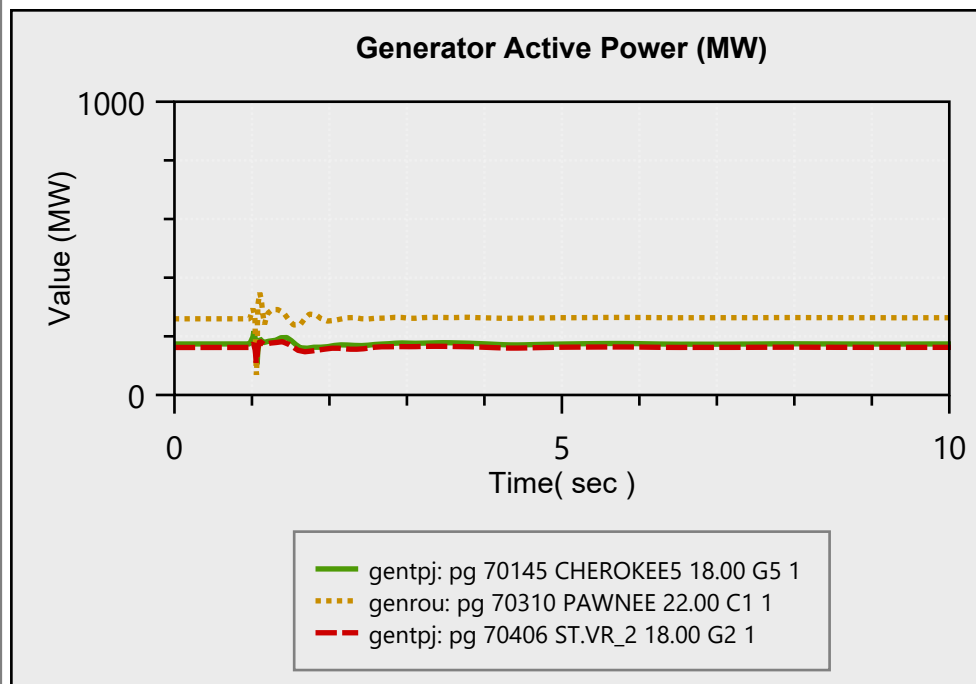
OUTPUTS



OUTPUTS

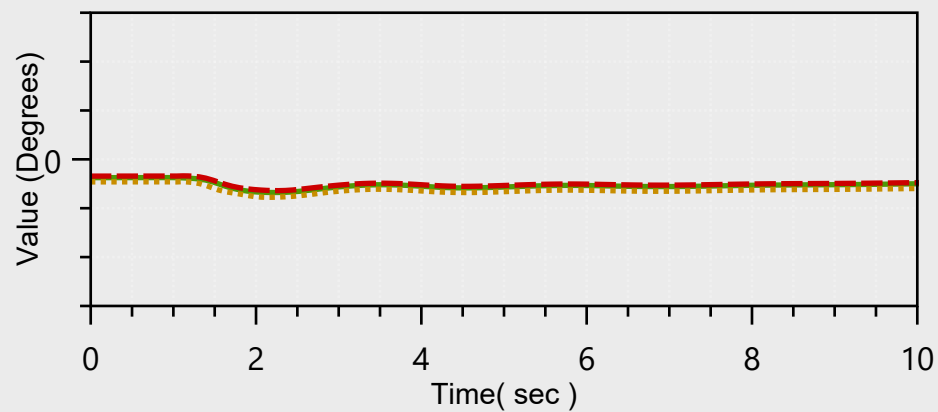


OUTPUTS

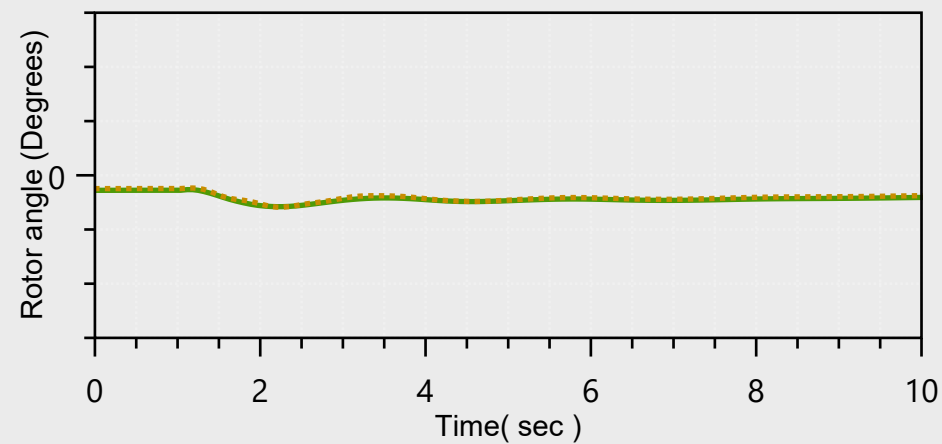


OUTPUTS

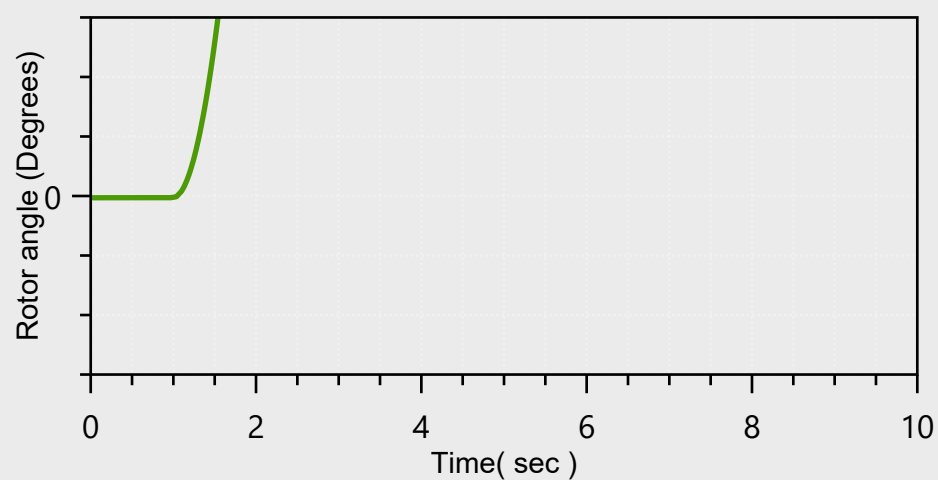
Generator Angles (Degrees)



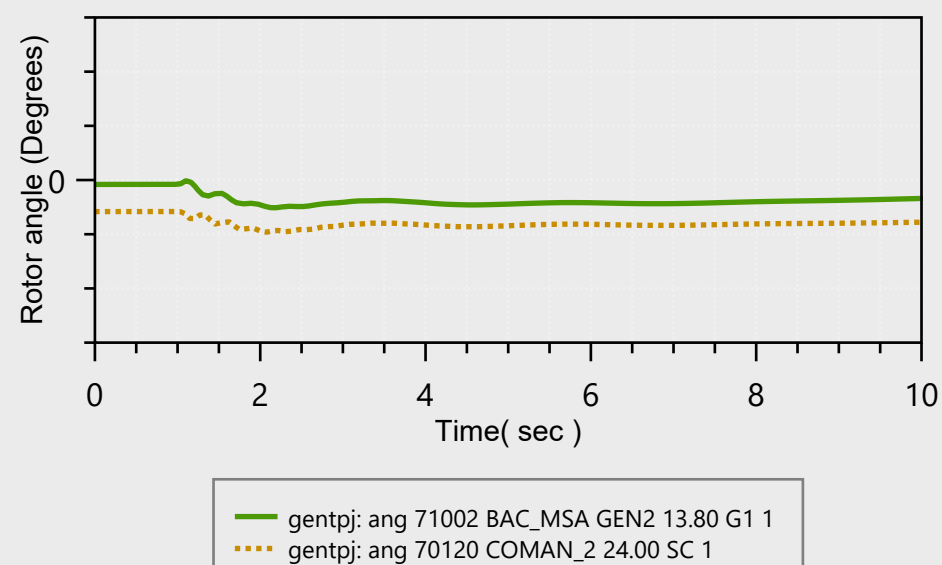
Generator Angles (Degrees)



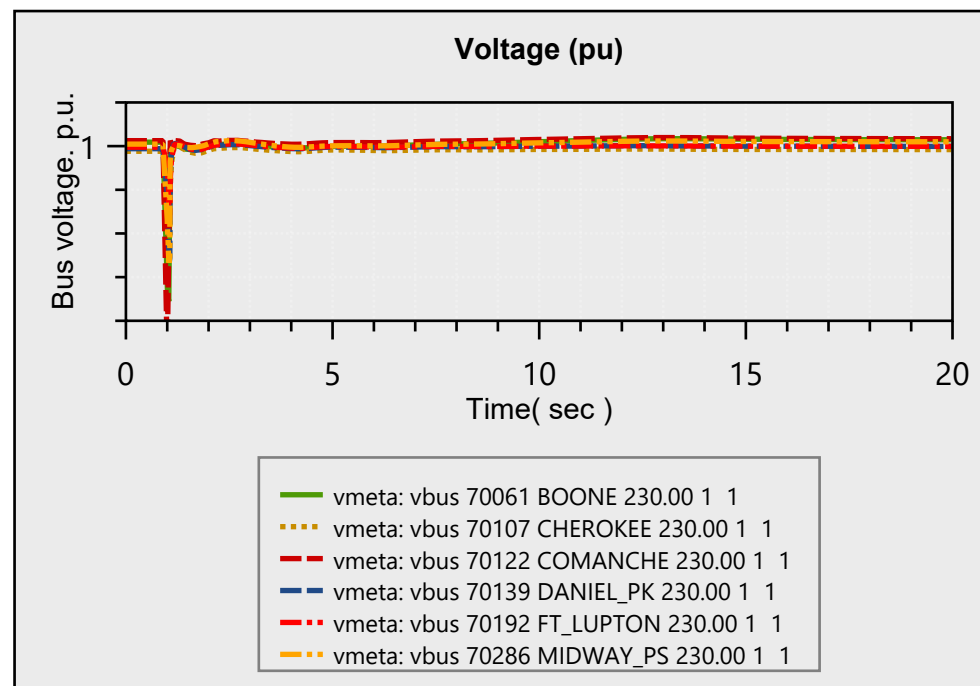
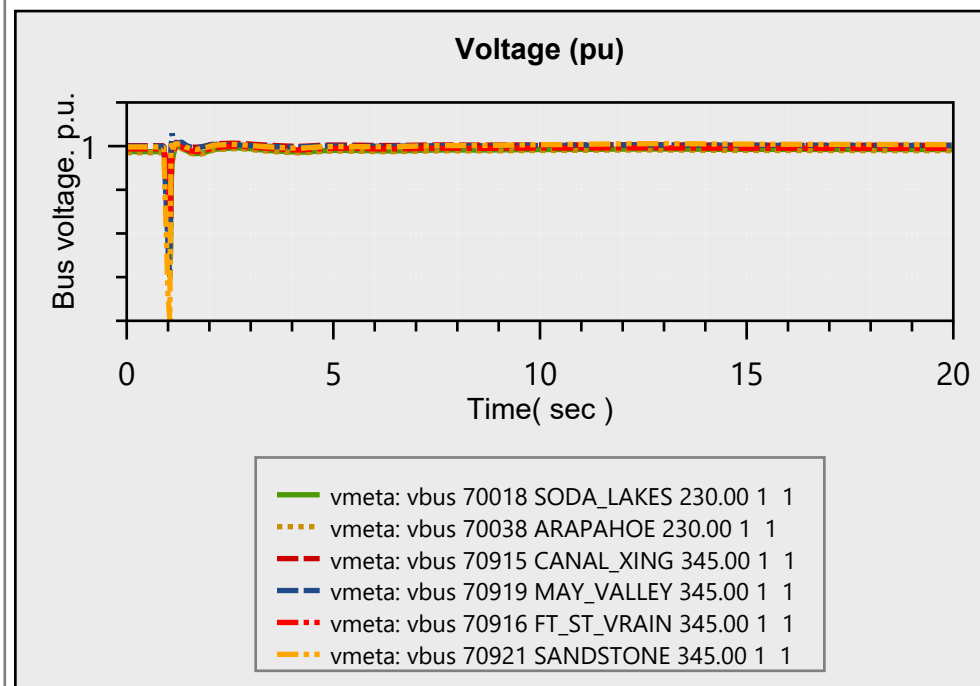
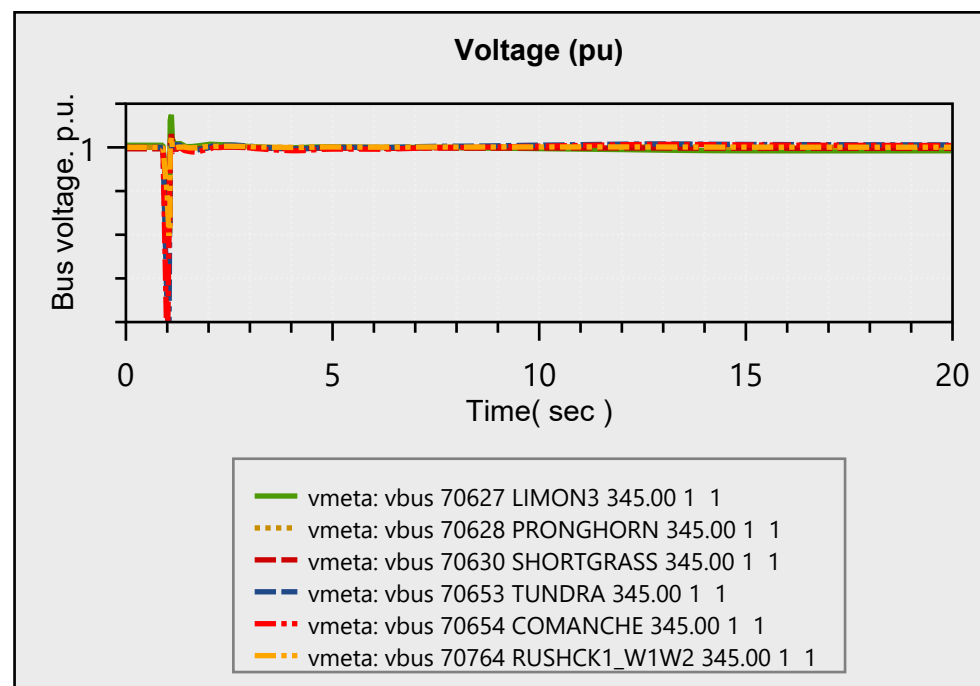
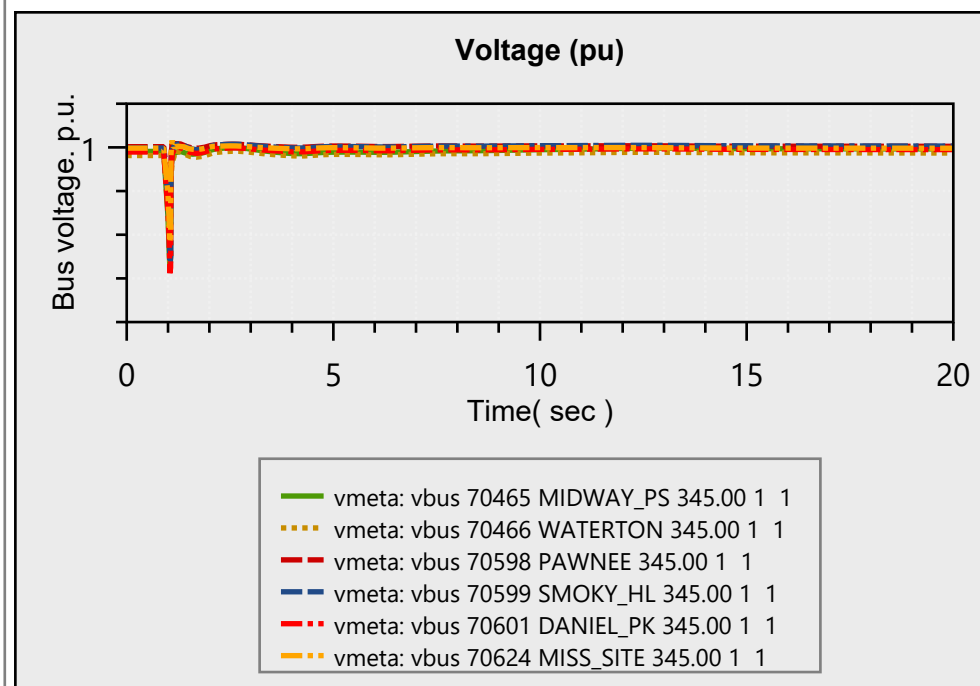
Generator Angles (Degrees)



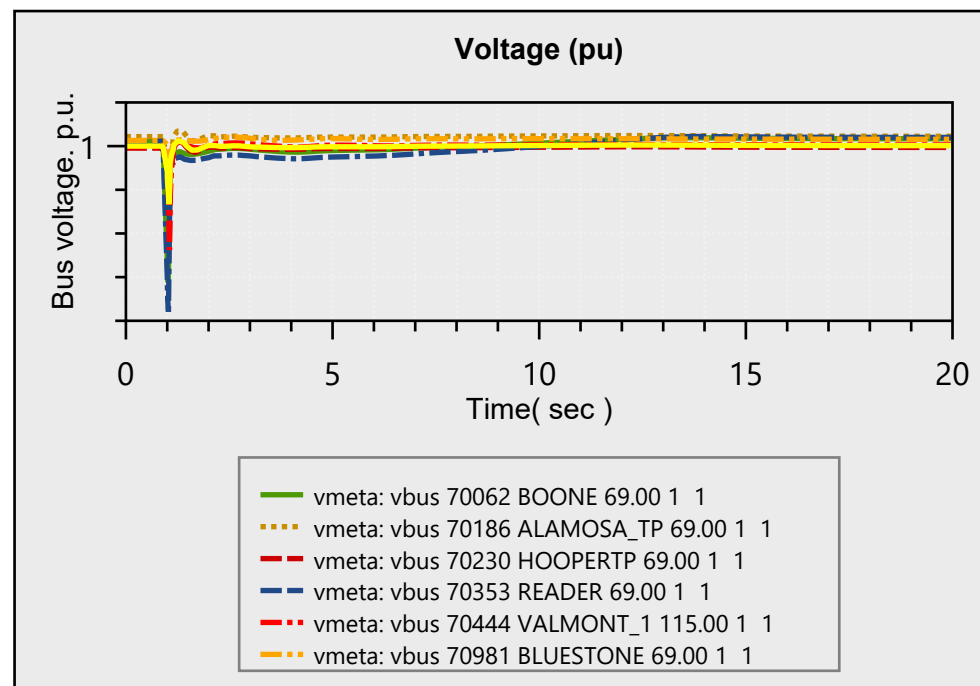
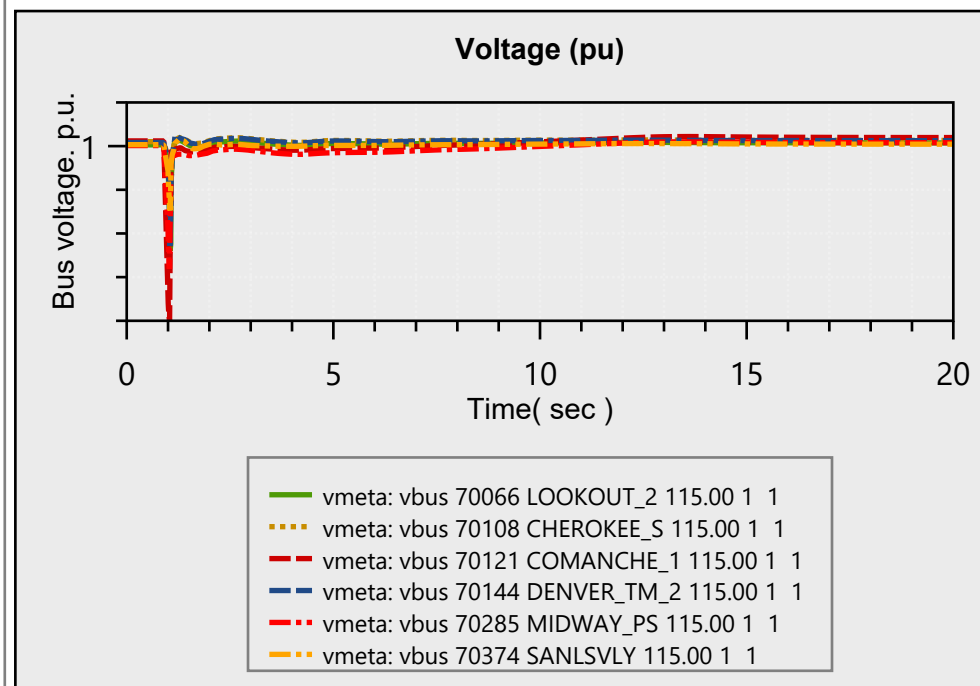
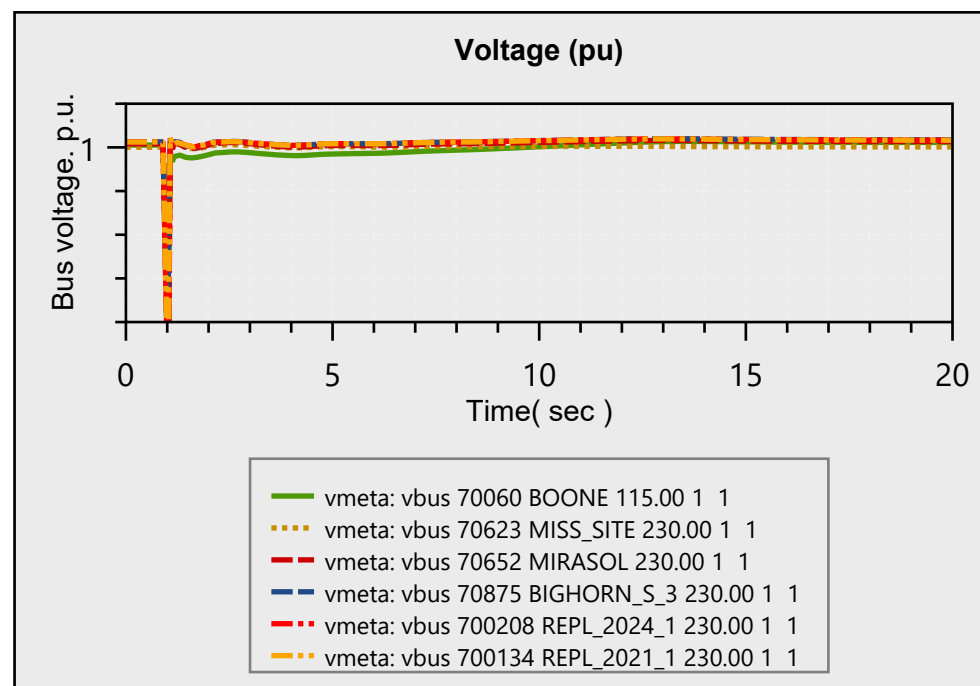
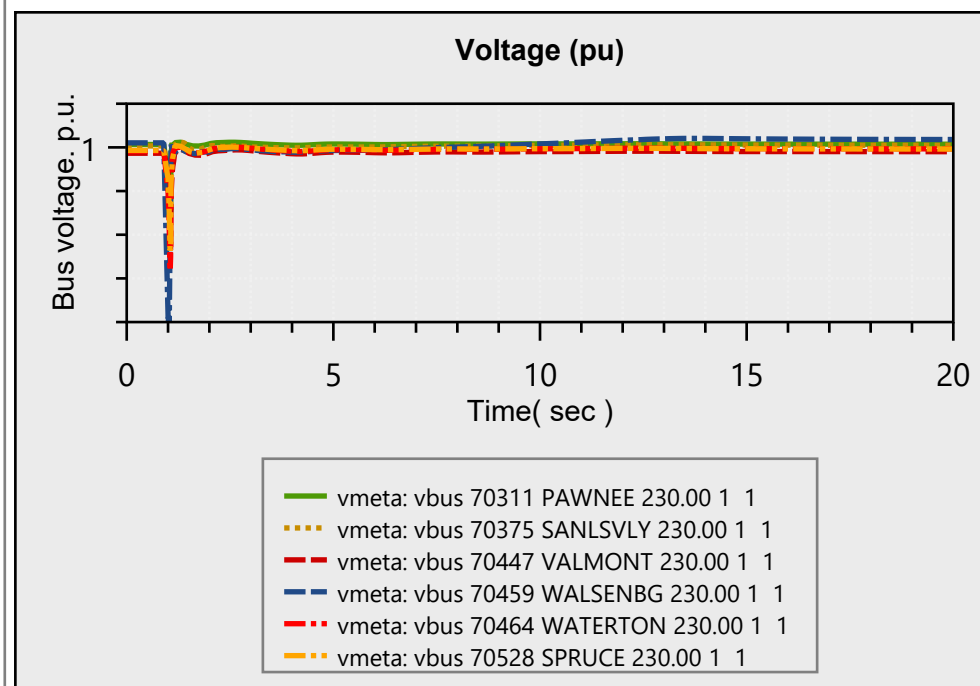
Generator Angles (Degrees)



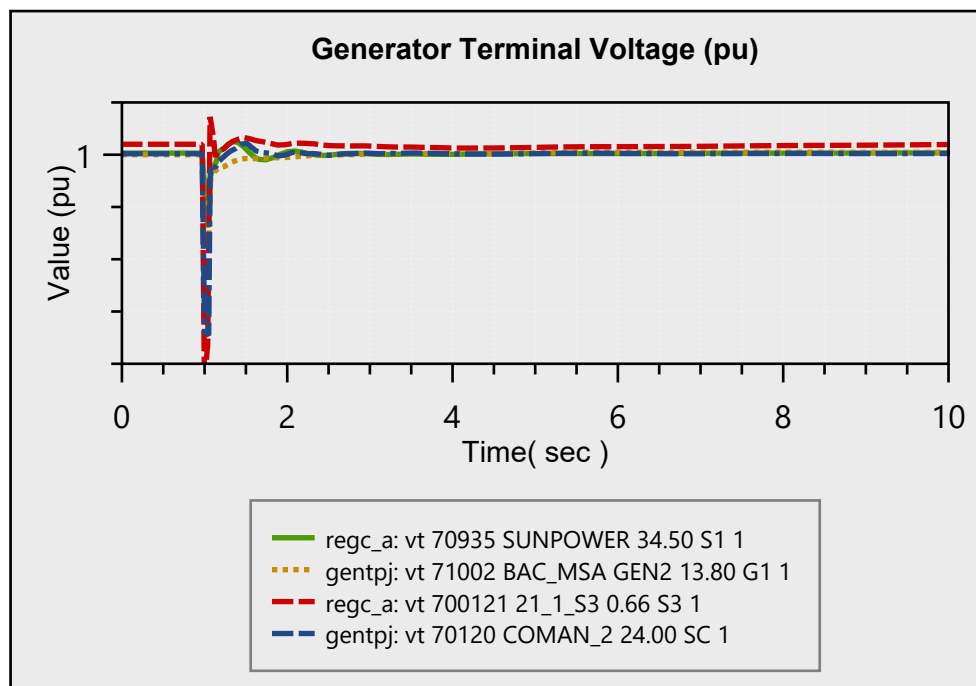
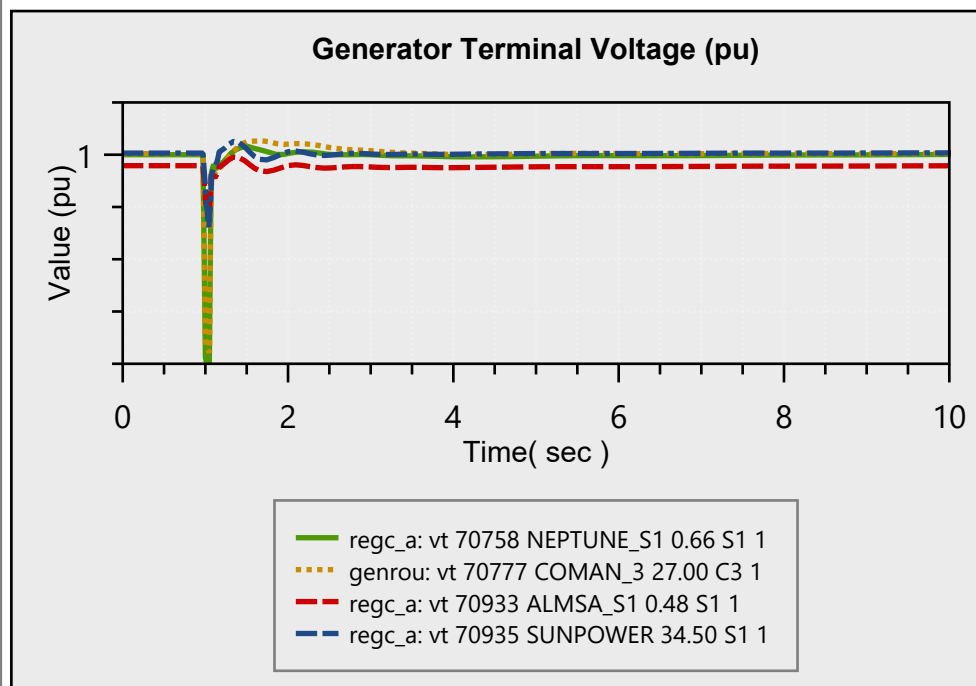
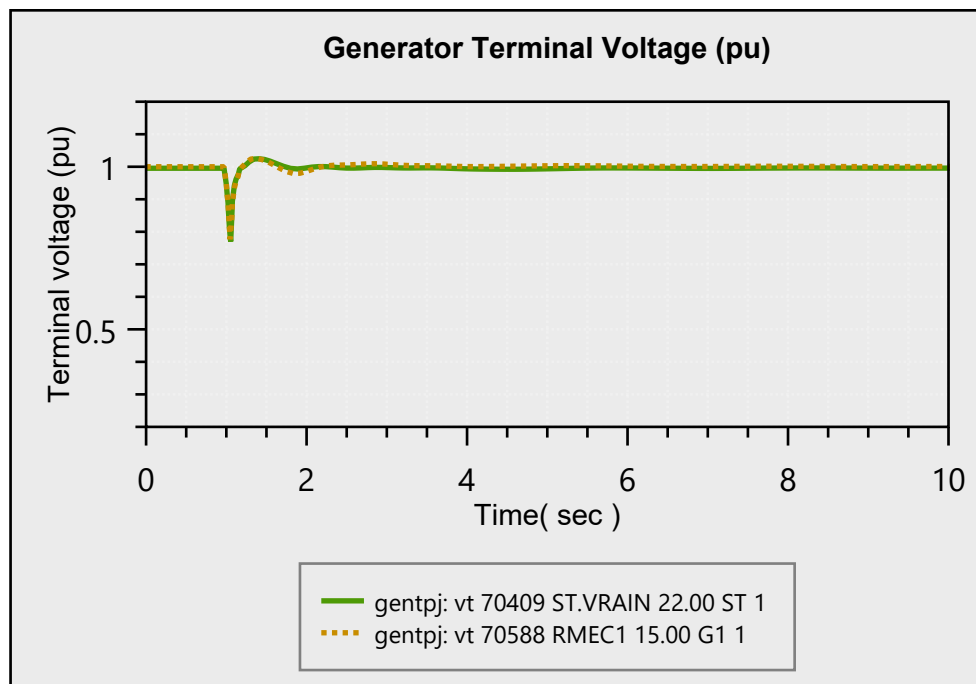
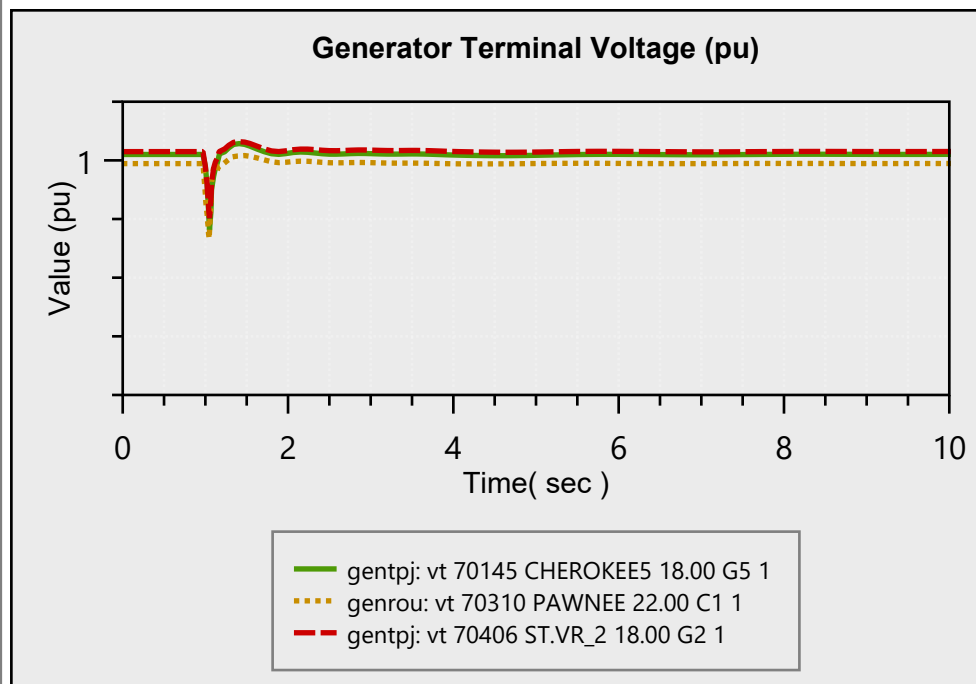
OUTPUTS



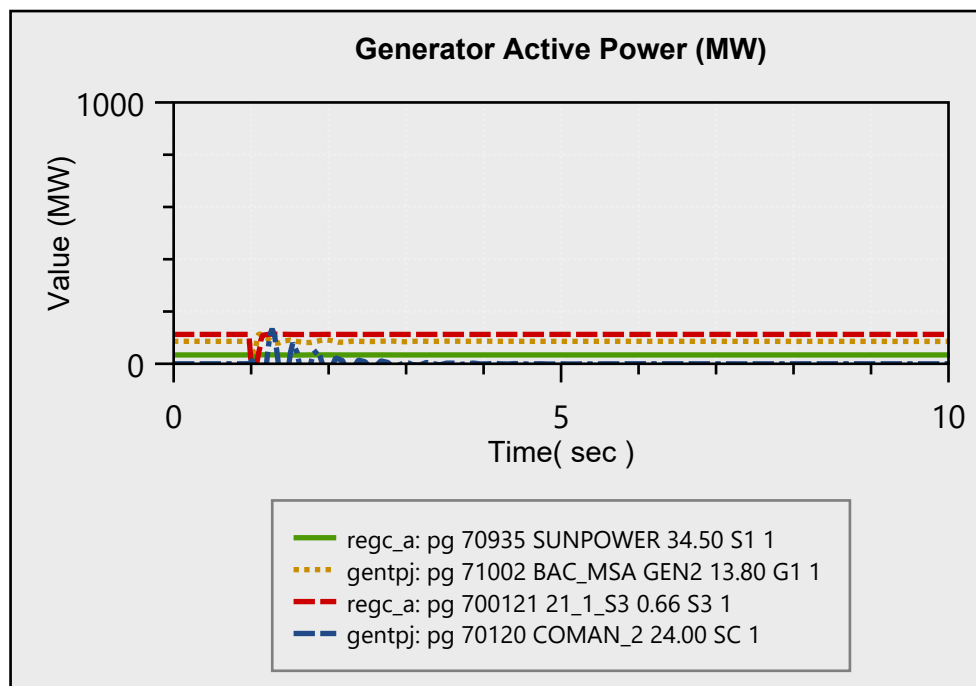
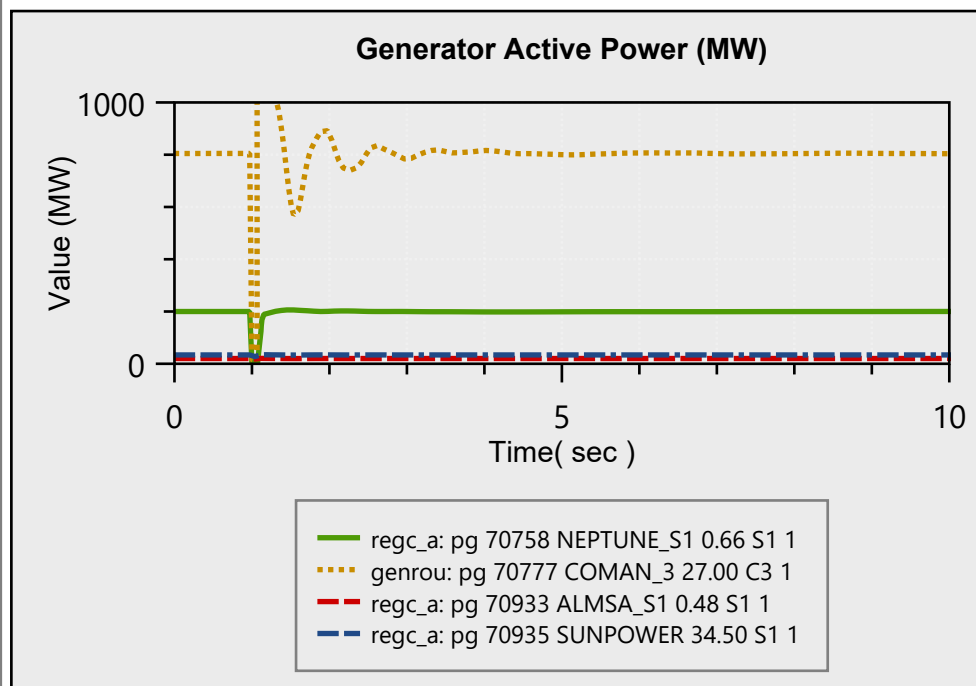
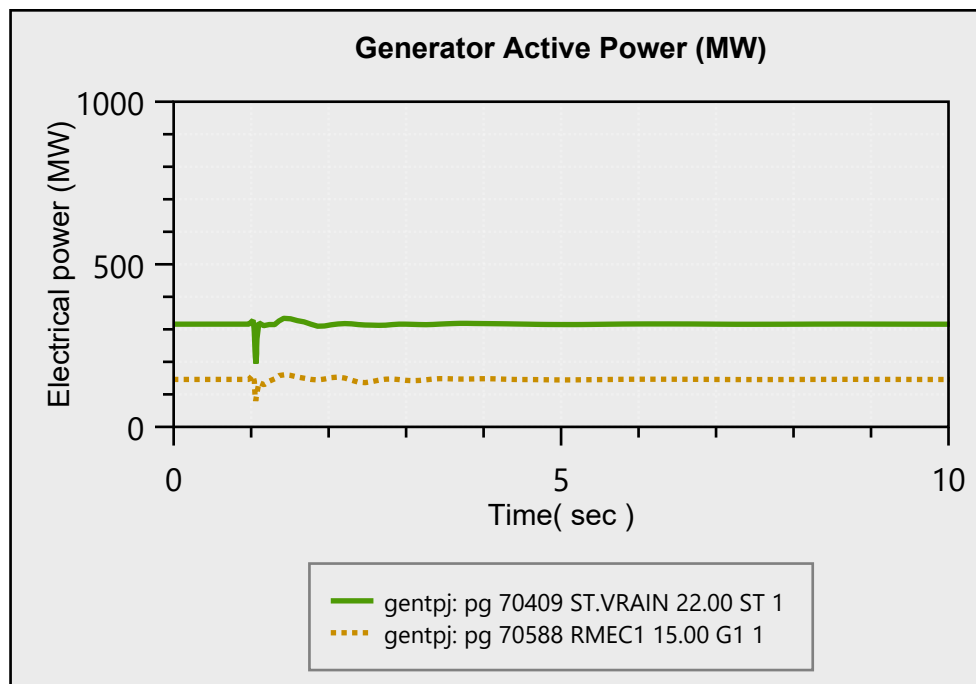
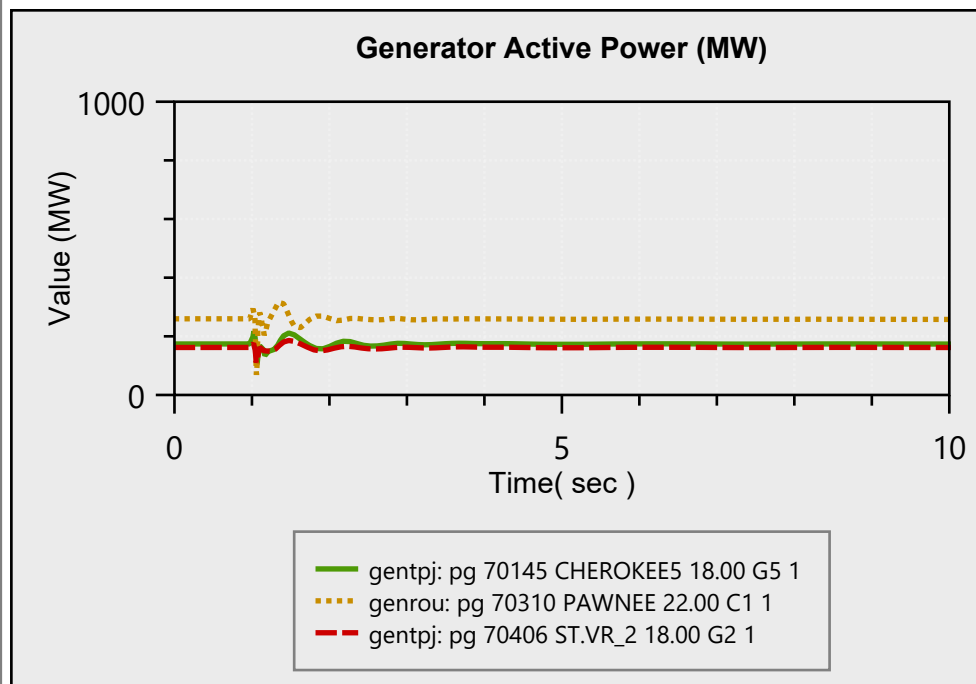
OUTPUTS



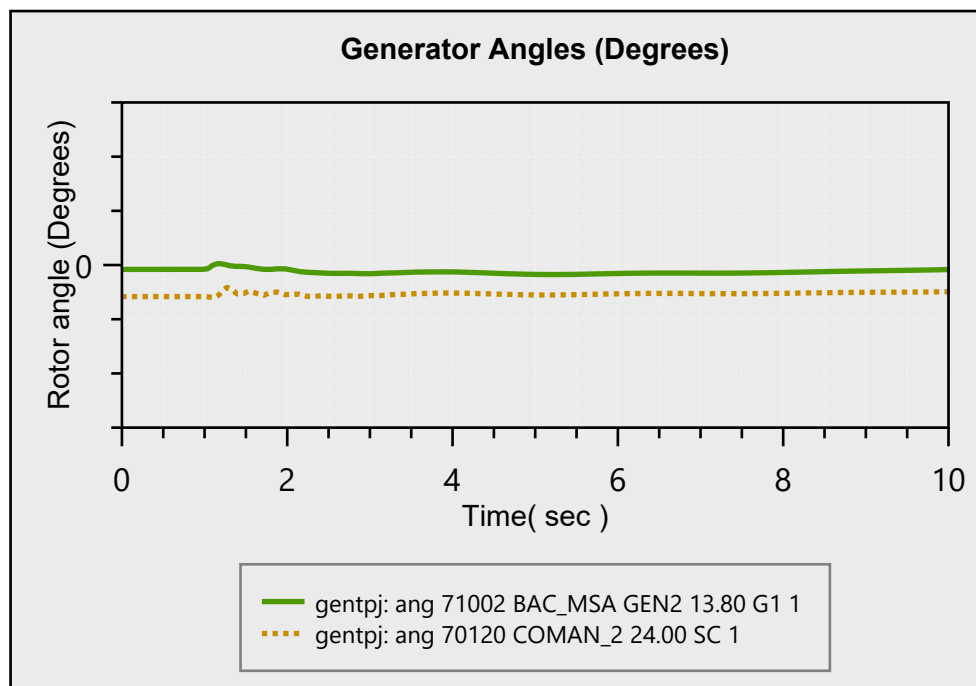
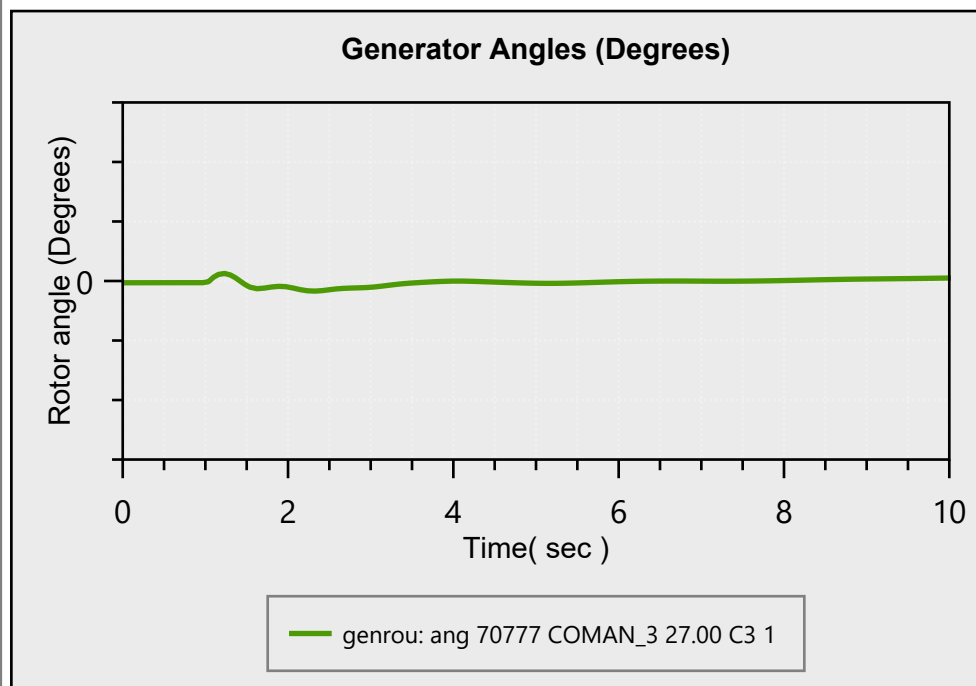
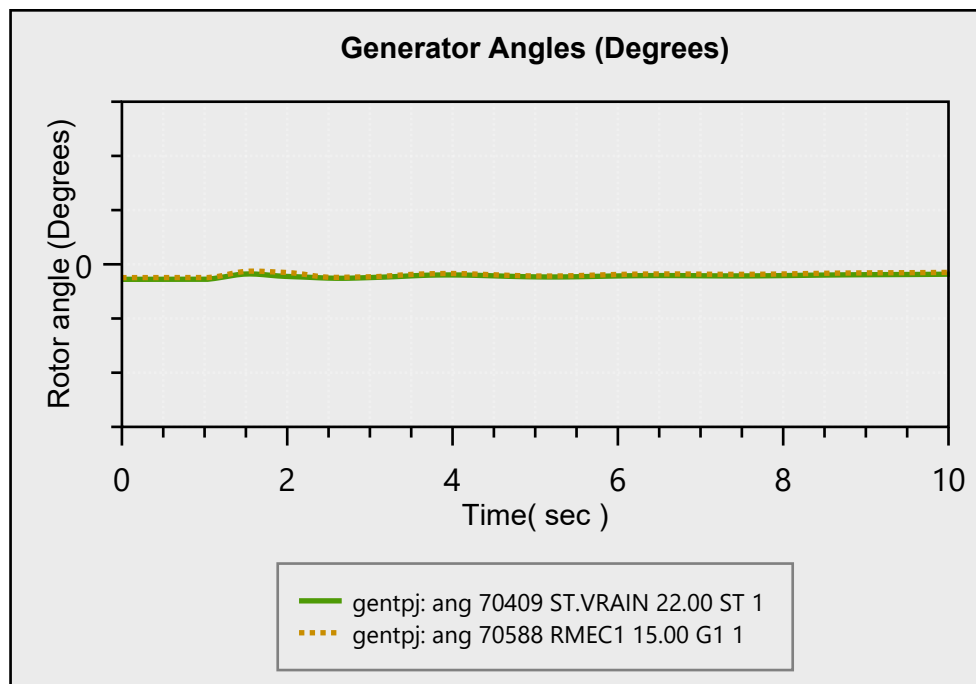
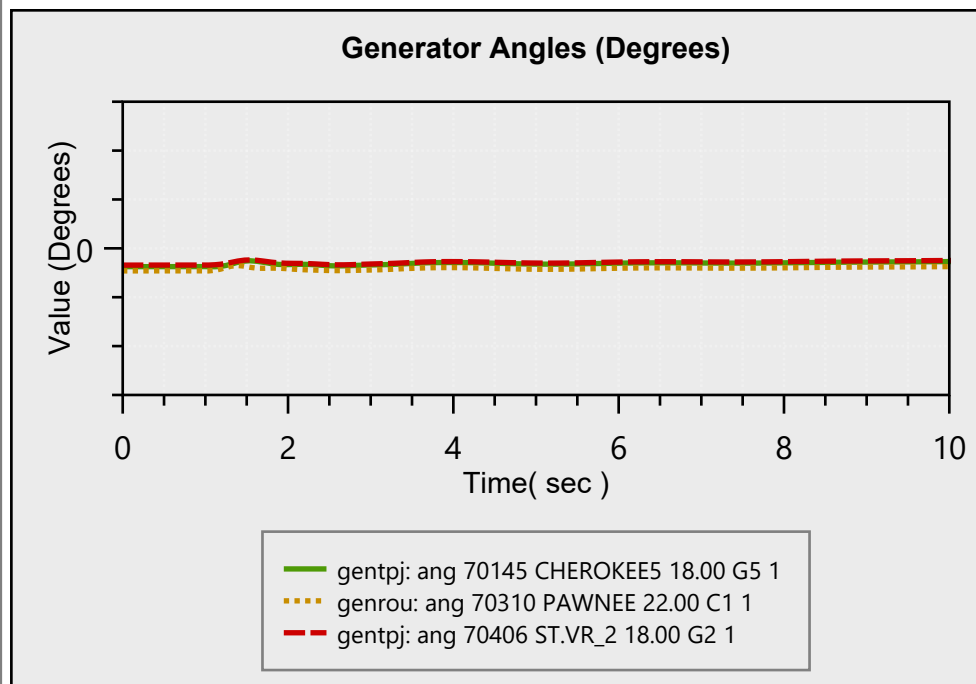
OUTPUTS



OUTPUTS

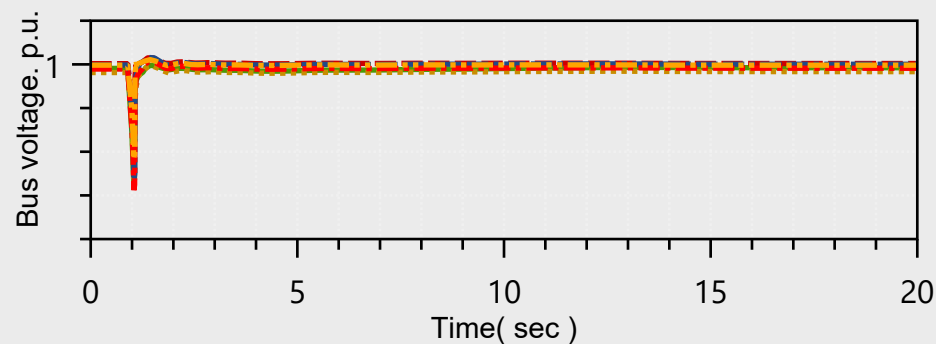


OUTPUTS



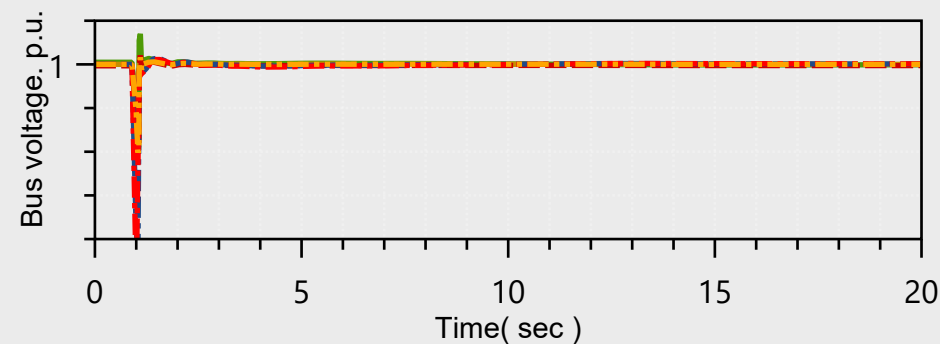
OUTPUTS

Voltage (pu)



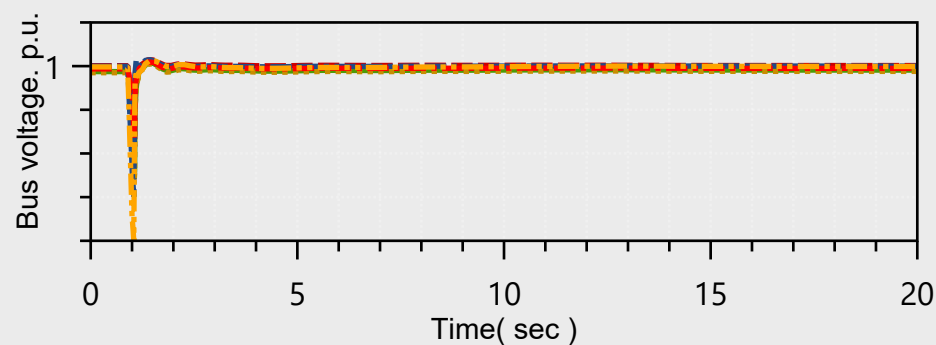
vmeta: vbus 70465 MIDWAY_PS 345.00 1 1
 vmeta: vbus 70466 WATERTON 345.00 1 1
 vmeta: vbus 70598 PAWNEE 345.00 1 1
 vmeta: vbus 70599 SMOKY_HL 345.00 1 1
 vmeta: vbus 70601 DANIEL_PK 345.00 1 1
 vmeta: vbus 70624 MISS_SITE 345.00 1 1

Voltage (pu)



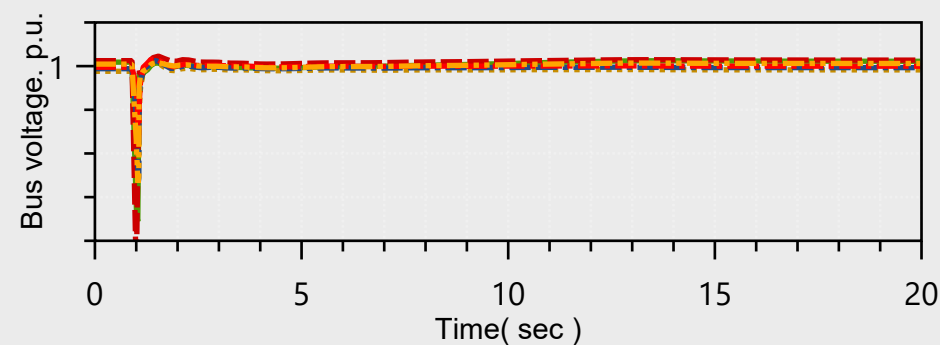
vmeta: vbus 70627 LIMON3 345.00 1 1
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 vmeta: vbus 70653 TUNDRA 345.00 1 1
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 vmeta: vbus 70764 RUSHCK1_W1W2 345.00 1 1

Voltage (pu)



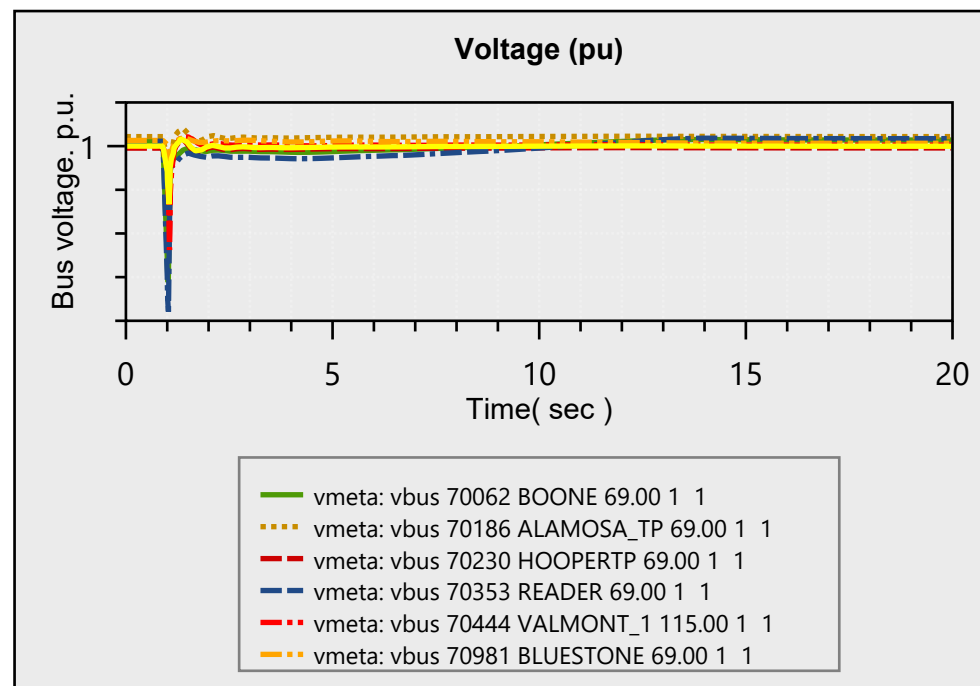
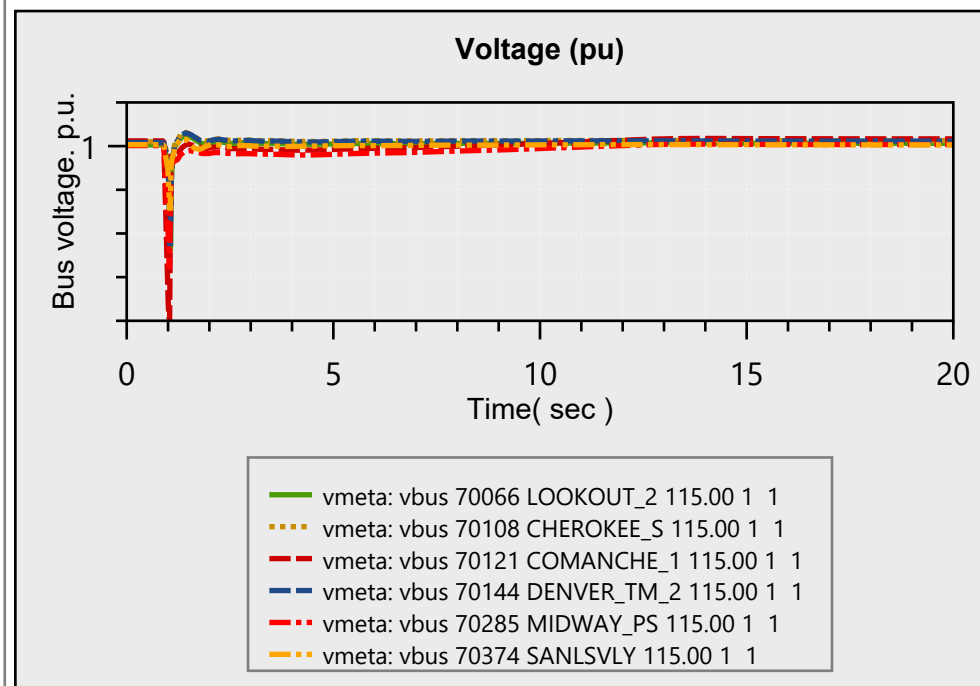
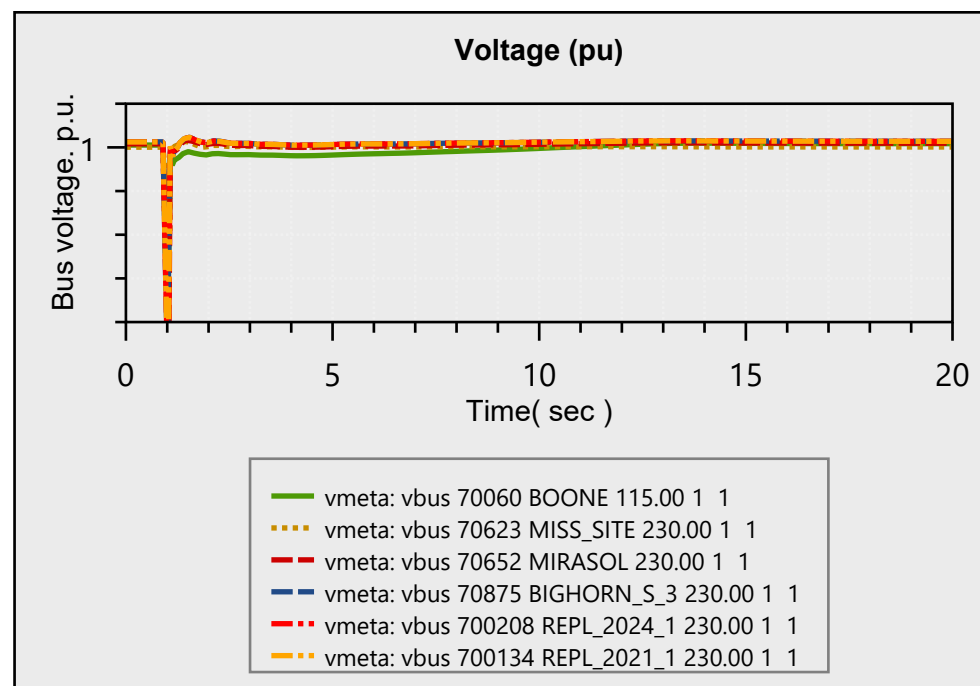
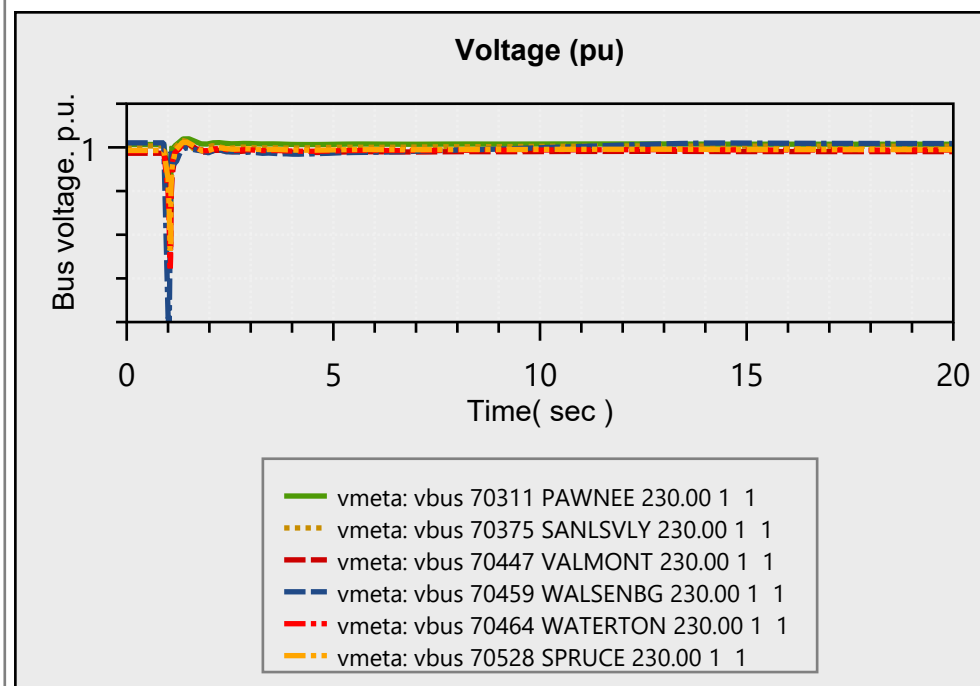
vmeta: vbus 70018 SODA_LAKES 230.00 1 1
 vmeta: vbus 70038 ARAPAHOE 230.00 1 1
 vmeta: vbus 70915 CANAL_XING 345.00 1 1
 vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
 vmeta: vbus 70916 FT_ST_VRAIN 345.00 1 1
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Voltage (pu)

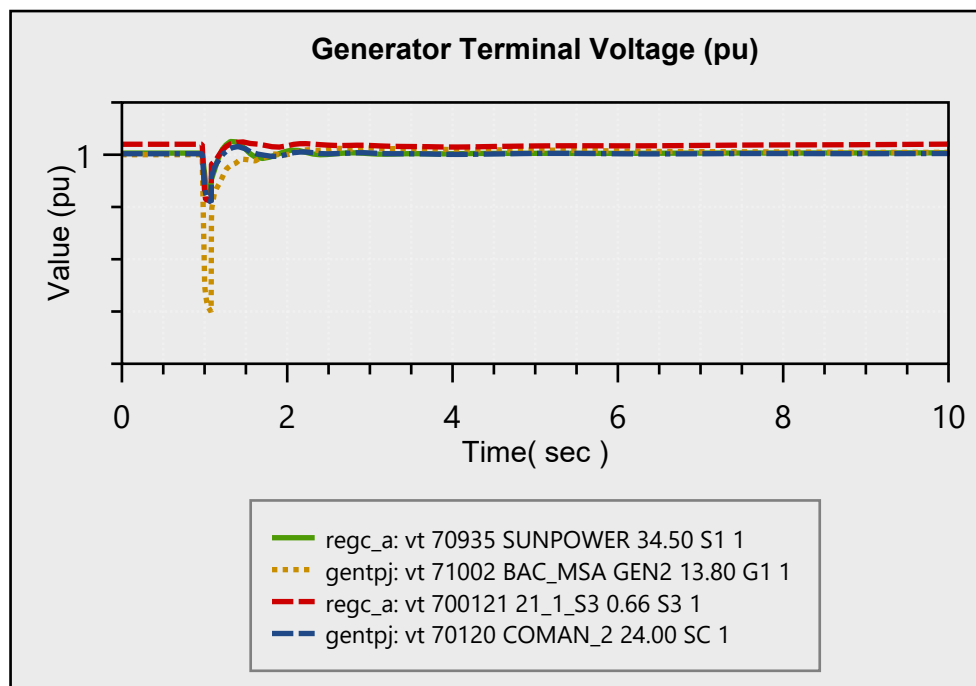
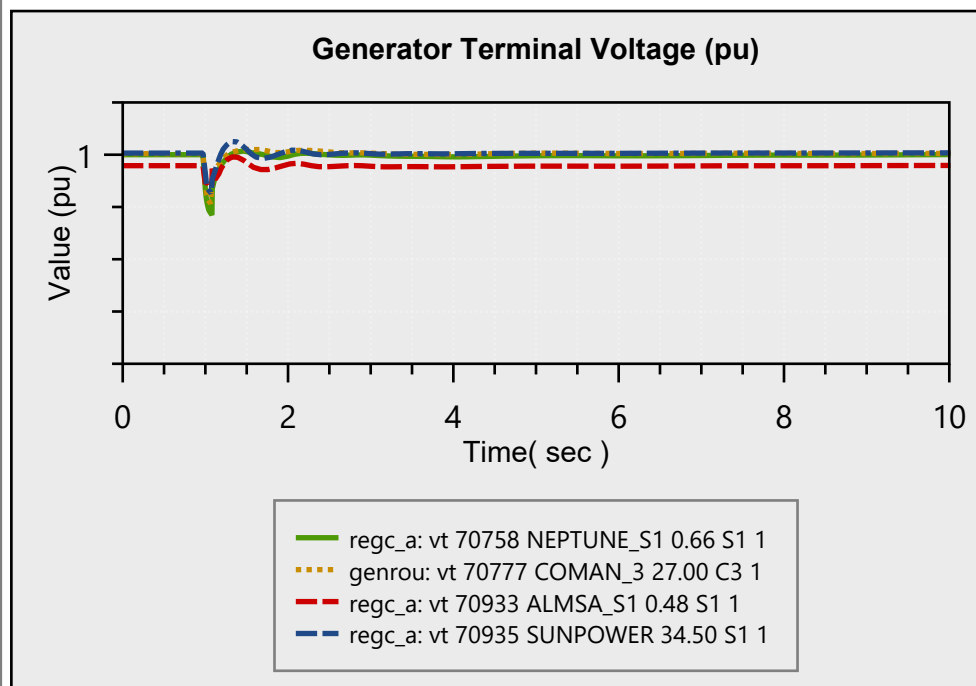
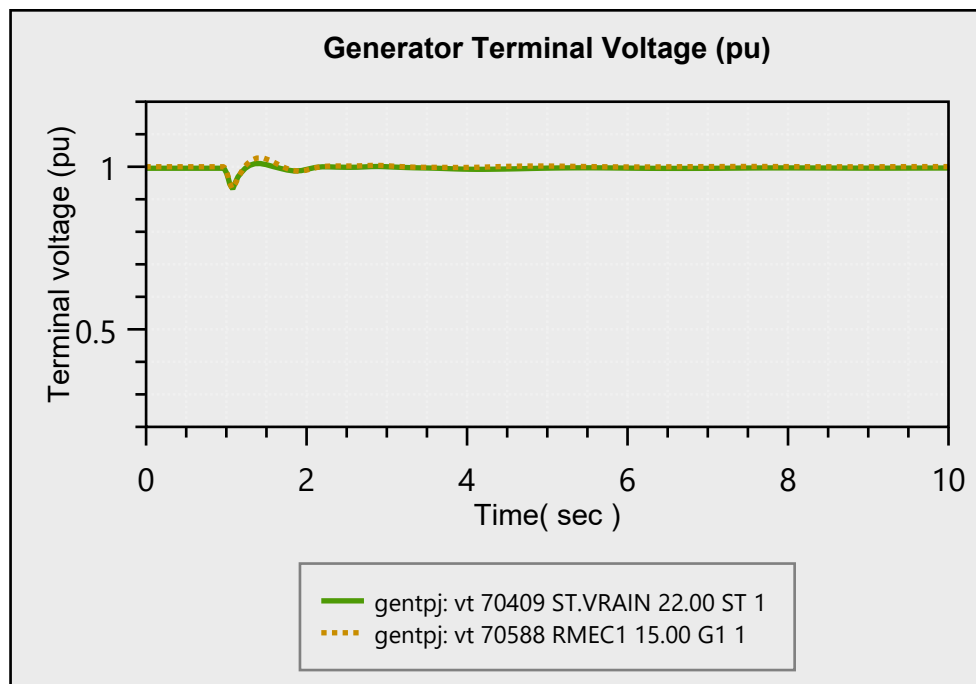
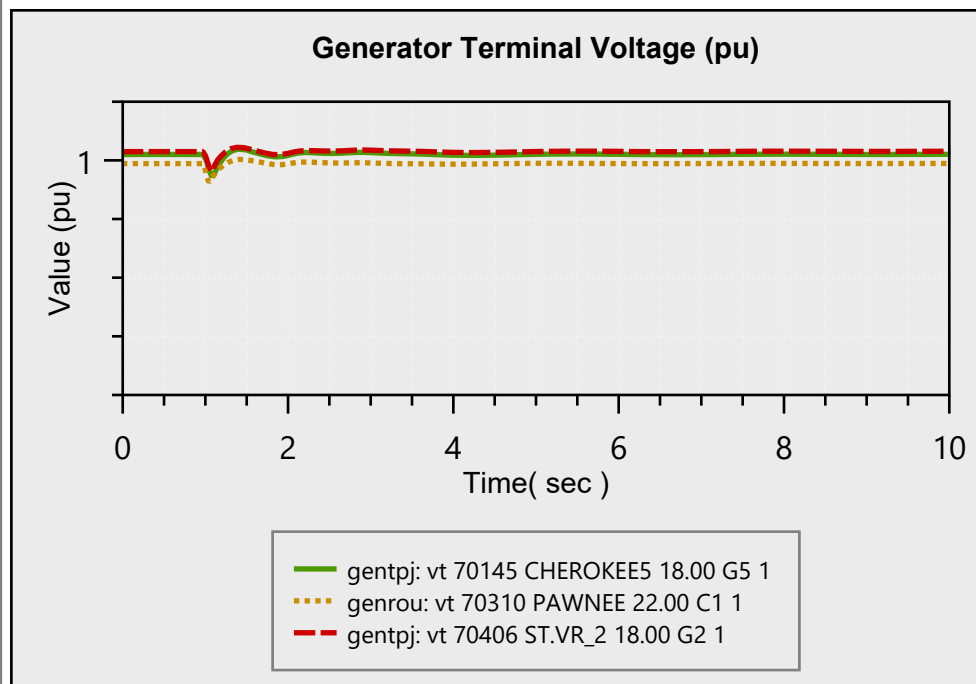


vmeta: vbus 70061 BOONE 230.00 1 1
 vmeta: vbus 70107 CHEROKEE 230.00 1 1
 vmeta: vbus 70122 COMANCHE 230.00 1 1
 vmeta: vbus 70139 DANIEL_PK 230.00 1 1
 vmeta: vbus 70192 FT_LUPTON 230.00 1 1
 vmeta: vbus 70286 MIDWAY_PS 230.00 1 1

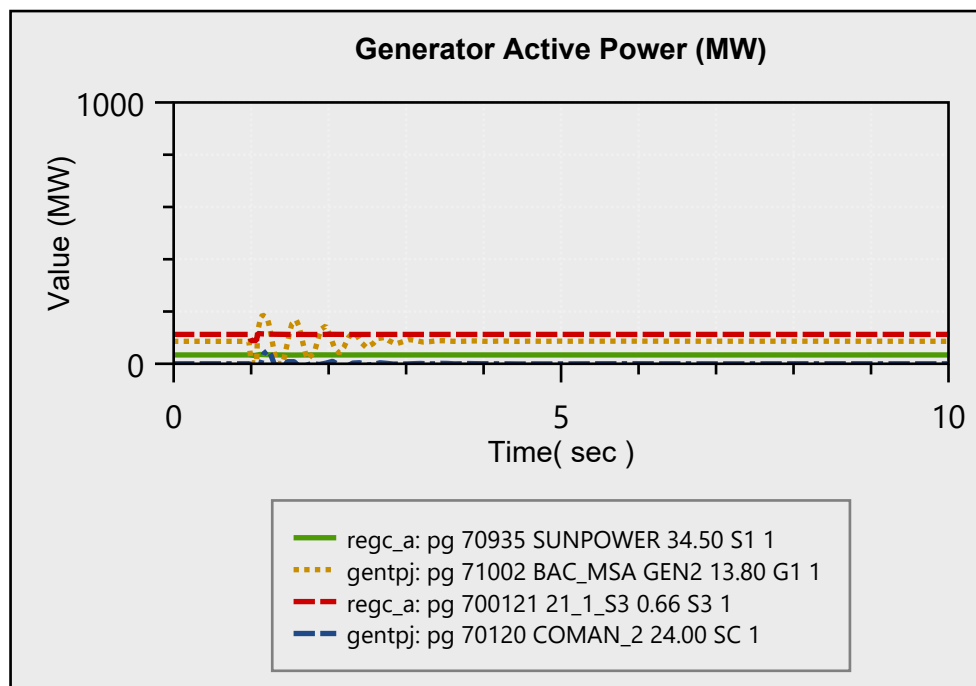
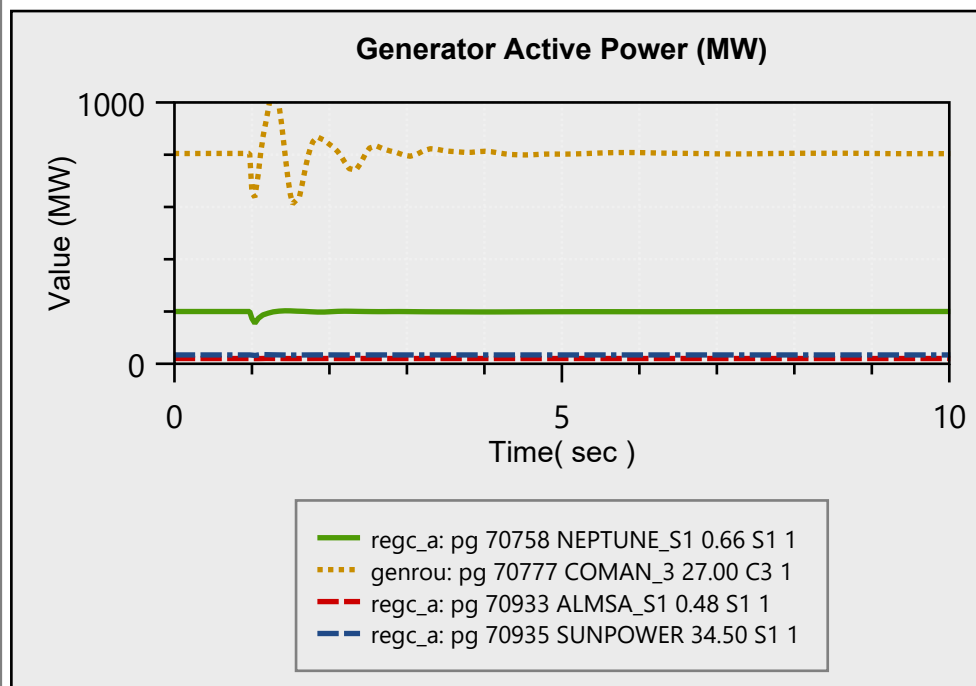
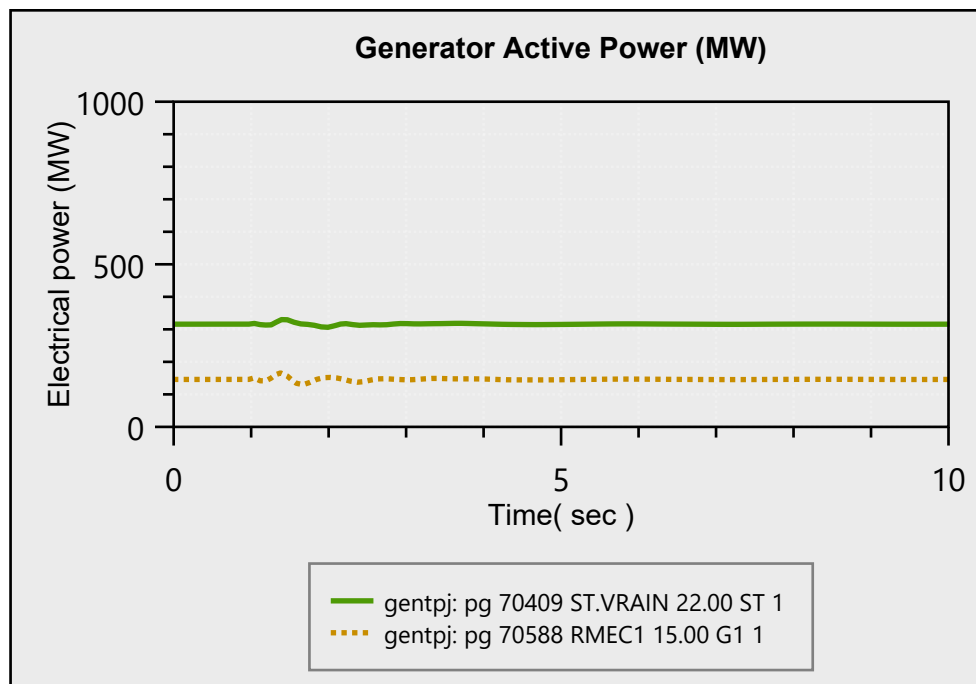
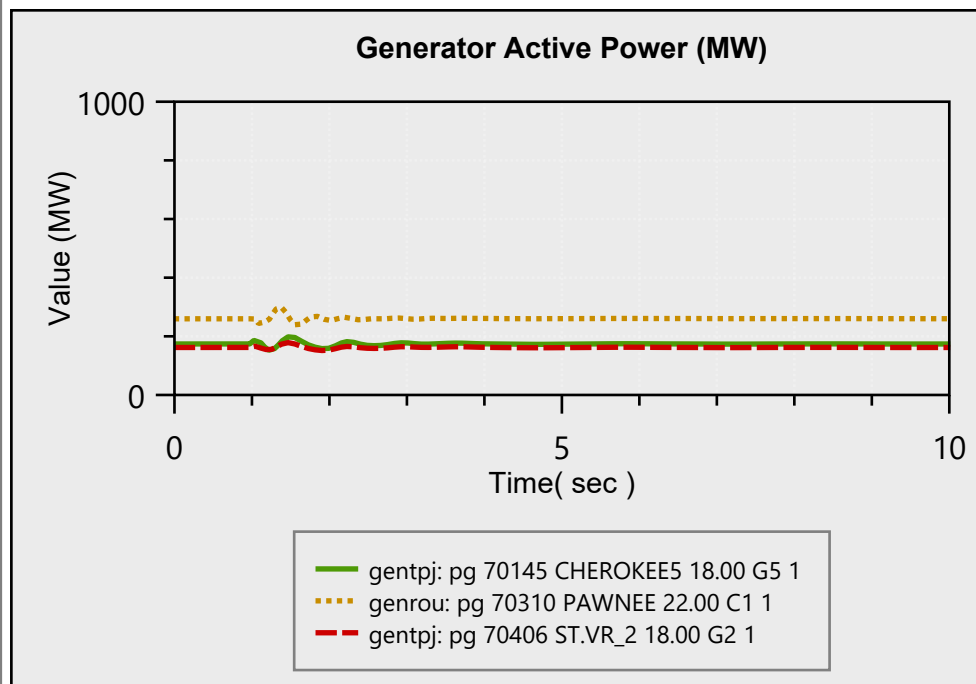
OUTPUTS



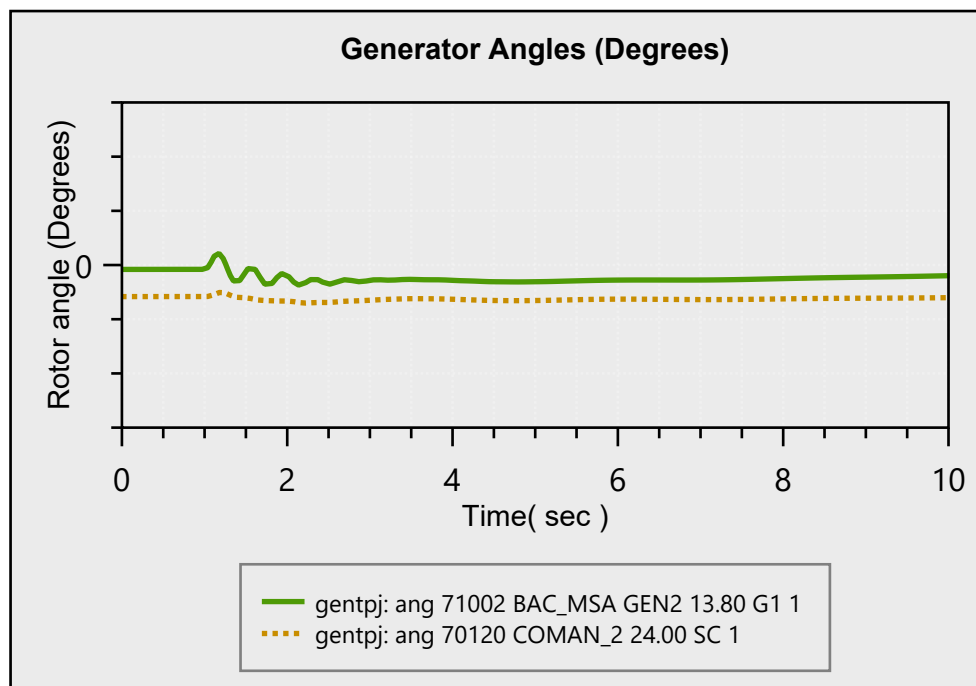
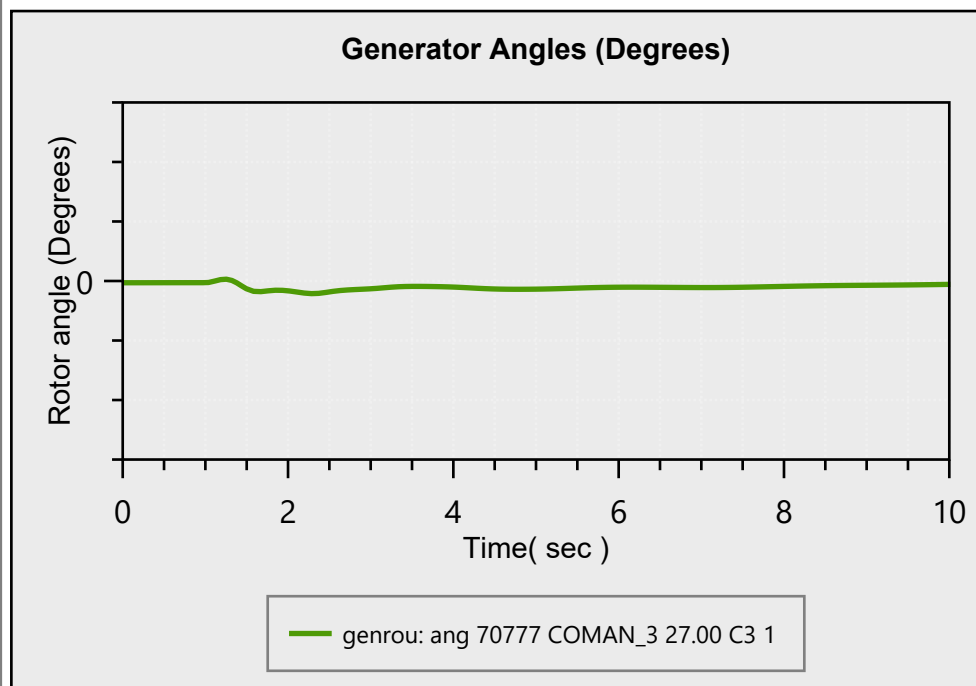
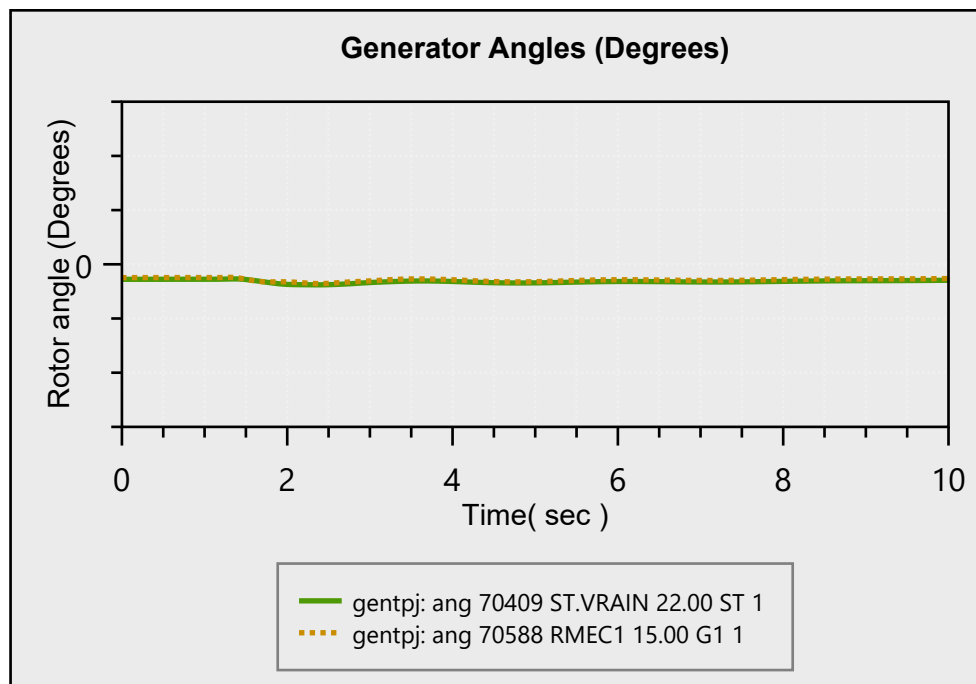
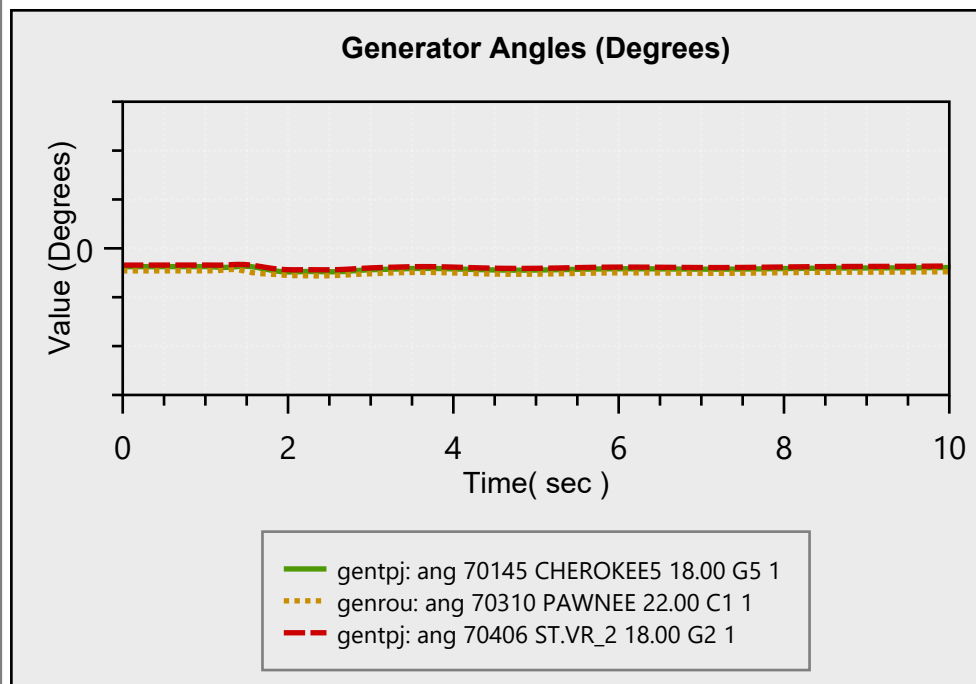
OUTPUTS



OUTPUTS

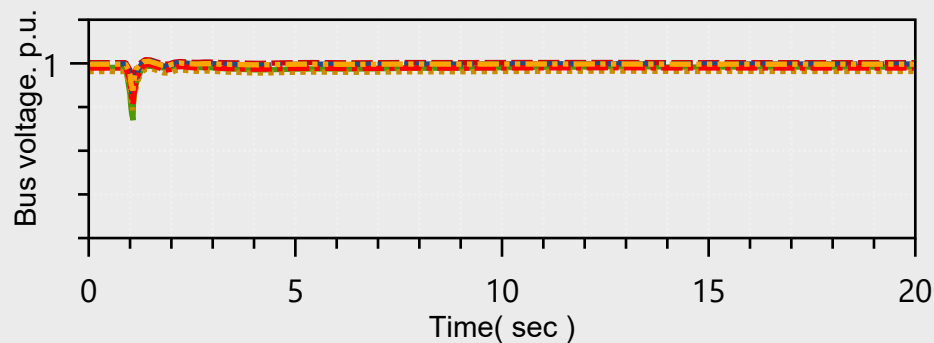


OUTPUTS



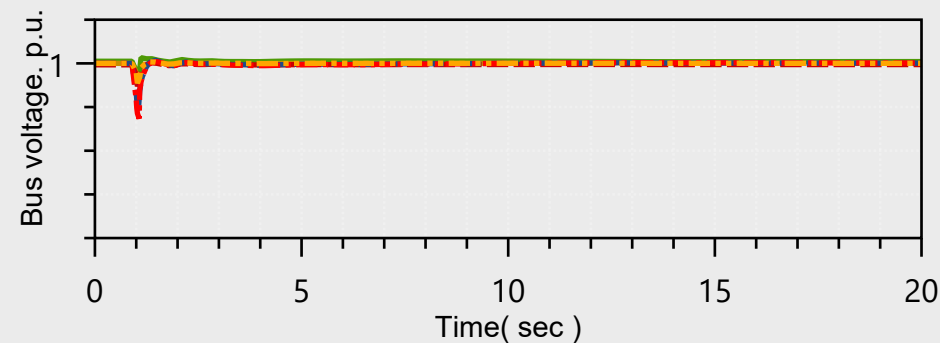
OUTPUTS

Voltage (pu)



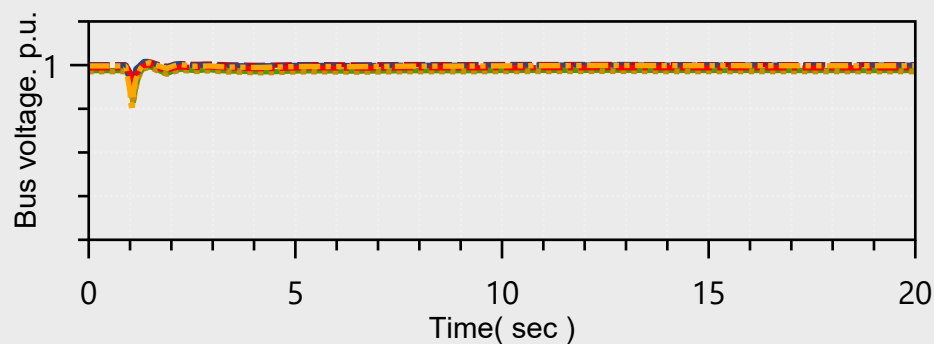
vmeta: vbus 70465 MIDWAY_PS 345.00 1 1
 vmeta: vbus 70466 WATERTON 345.00 1 1
 vmeta: vbus 70598 PAWNEE 345.00 1 1
 vmeta: vbus 70599 SMOKY_HL 345.00 1 1
 vmeta: vbus 70601 DANIEL_PK 345.00 1 1
 vmeta: vbus 70624 MISS_SITE 345.00 1 1

Voltage (pu)



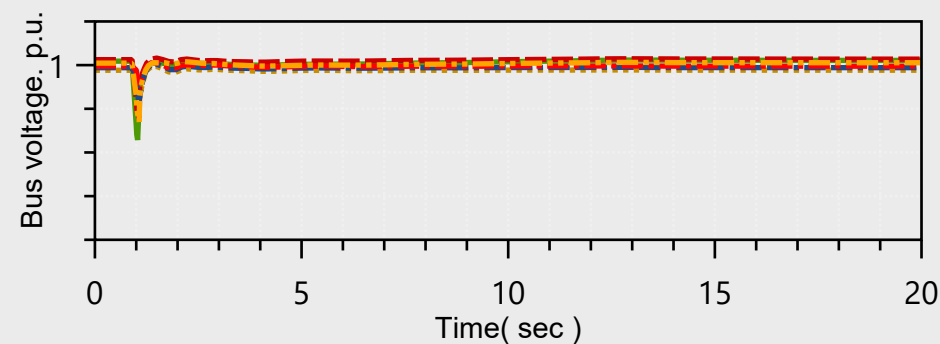
vmeta: vbus 70627 LIMON3 345.00 1 1
 vmeta: vbus 70628 PRONGHORN 345.00 1 1
 vmeta: vbus 70630 SHORTGRASS 345.00 1 1
 vmeta: vbus 70653 TUNDRA 345.00 1 1
 vmeta: vbus 70654 COMANCHE 345.00 1 1
 vmeta: vbus 70764 RUSHCK1_W1W2 345.00 1 1

Voltage (pu)



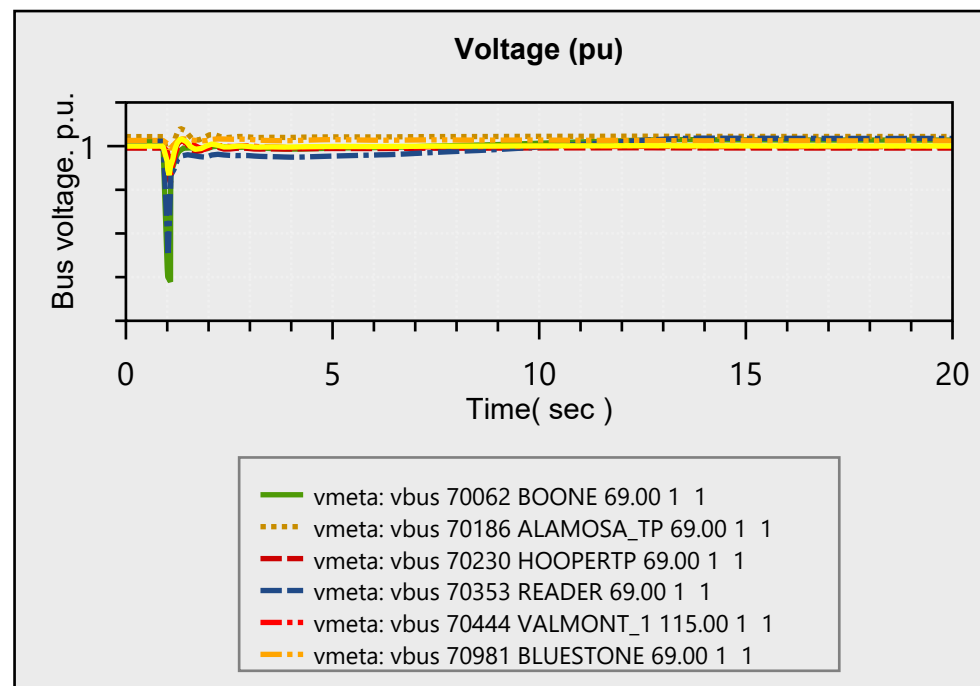
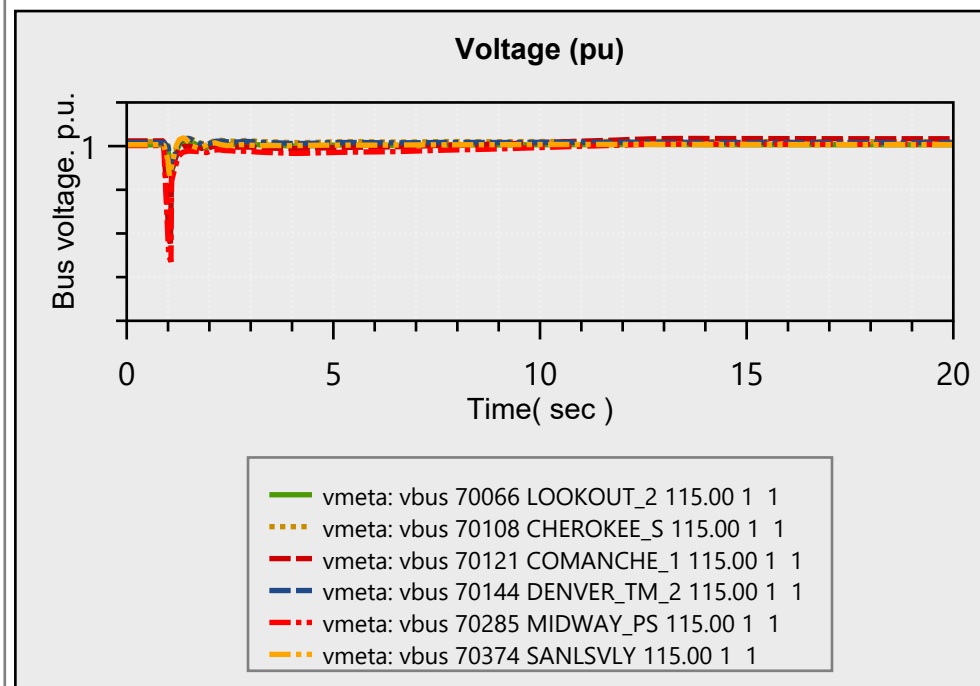
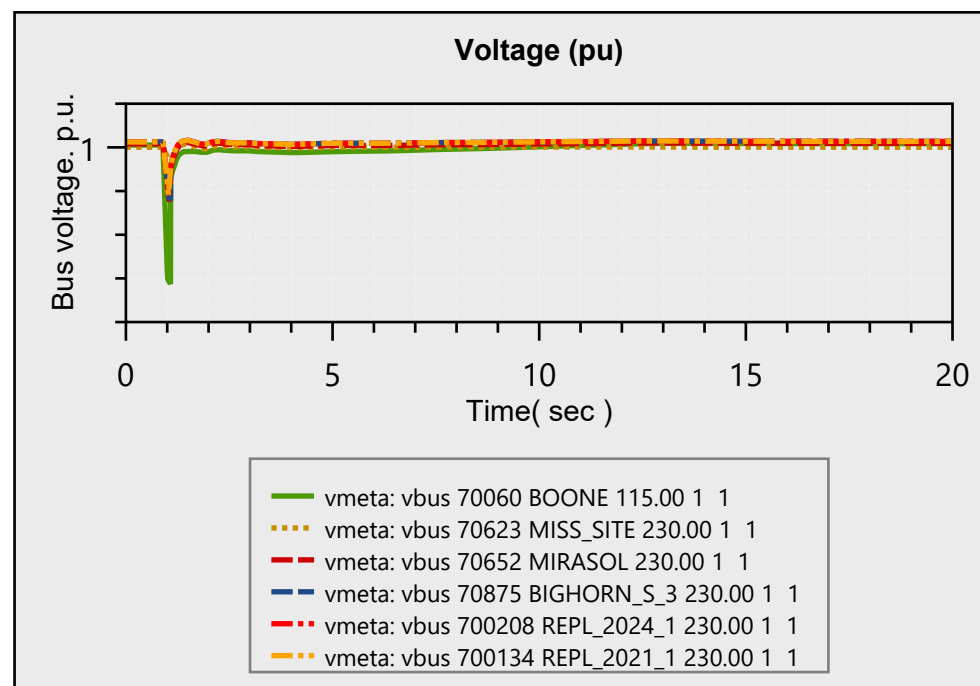
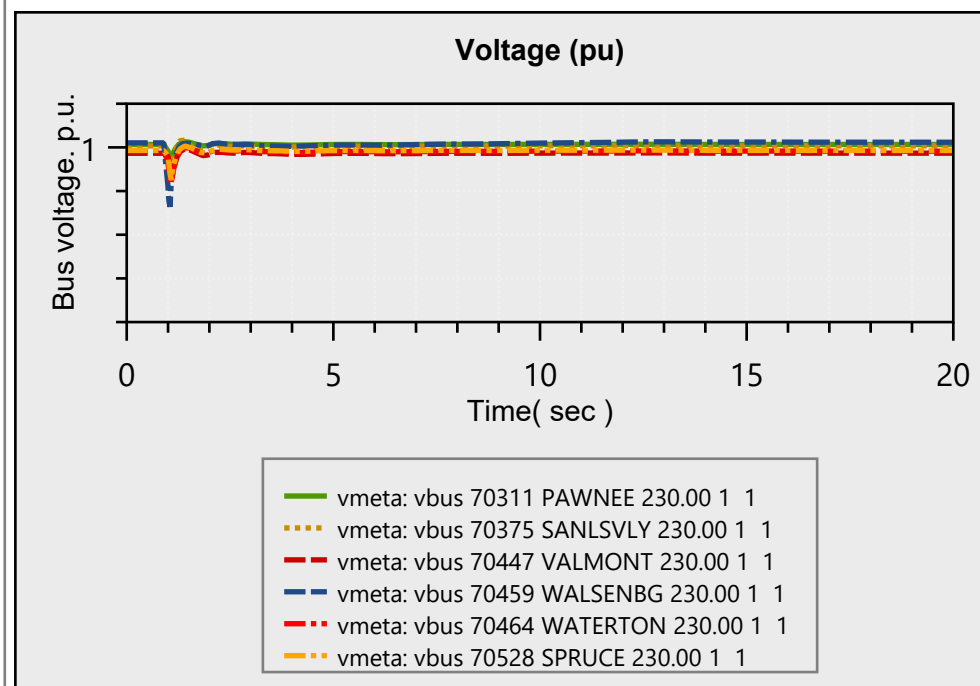
vmeta: vbus 70018 SODA_LAKES 230.00 1 1
 vmeta: vbus 70038 ARAPAHOE 230.00 1 1
 vmeta: vbus 70915 CANAL_XING 345.00 1 1
 vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
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 vmeta: vbus 70921 SANDSTONE 345.00 1 1

Voltage (pu)

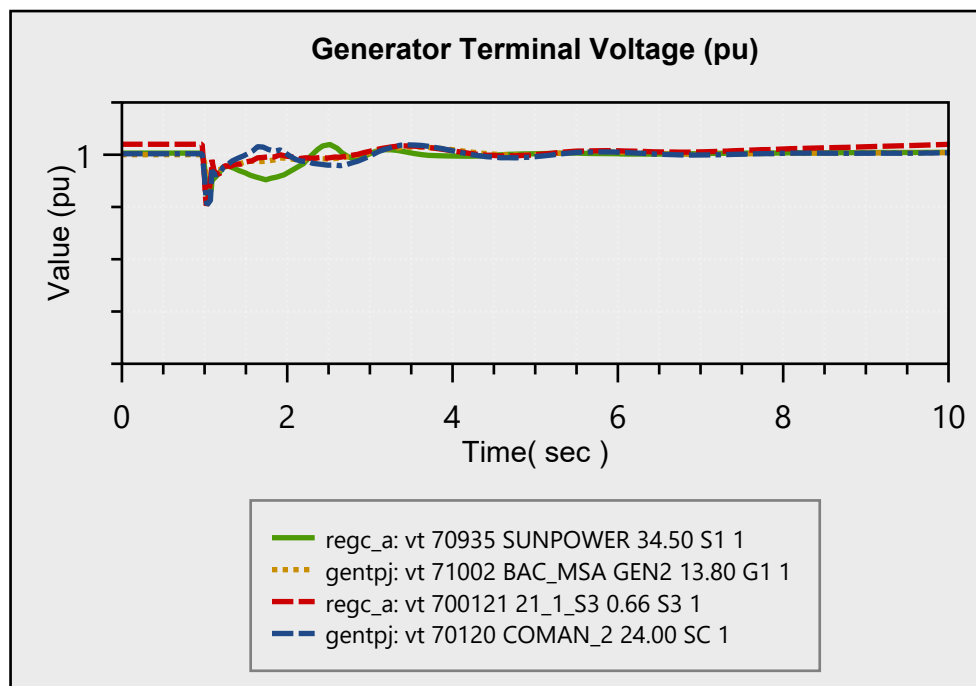
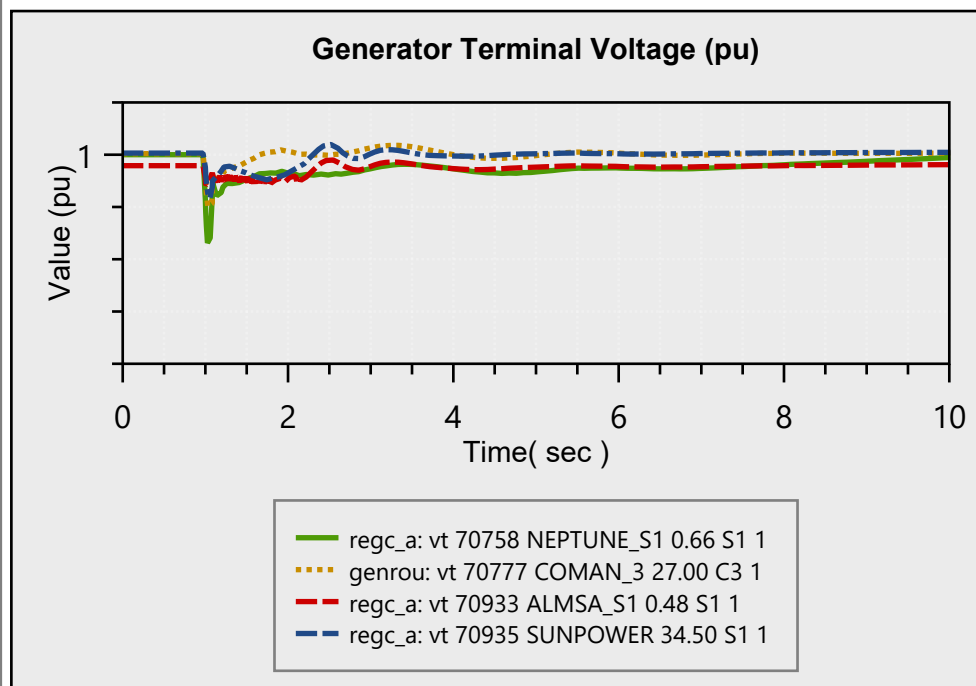
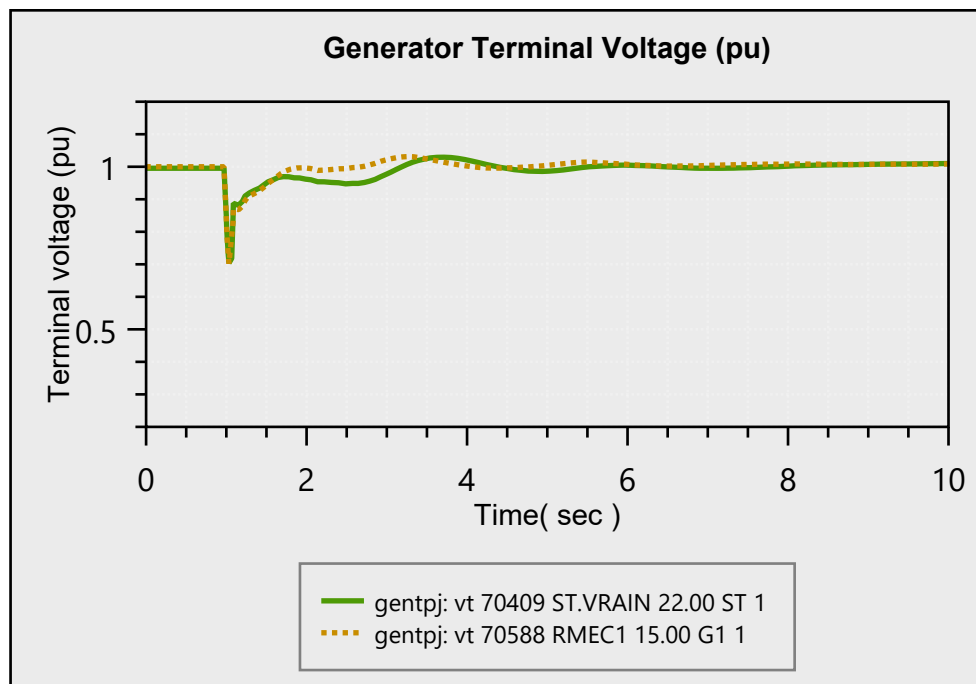
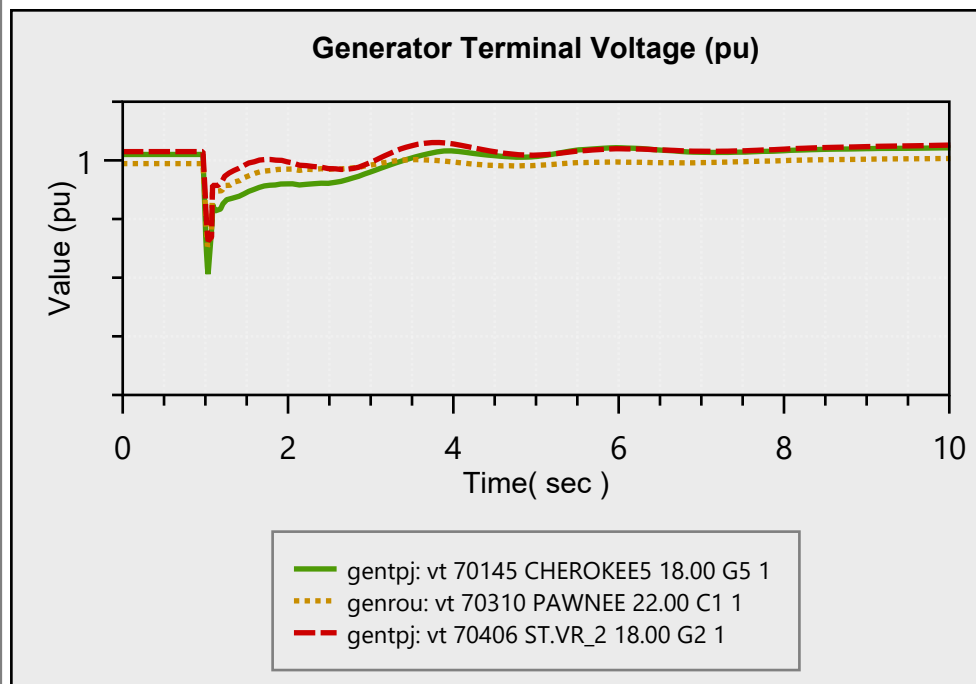


vmeta: vbus 70061 BOONE 230.00 1 1
 vmeta: vbus 70107 CHEROKEE 230.00 1 1
 vmeta: vbus 70122 COMANCHE 230.00 1 1
 vmeta: vbus 70139 DANIEL_PK 230.00 1 1
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 vmeta: vbus 70286 MIDWAY_PS 230.00 1 1

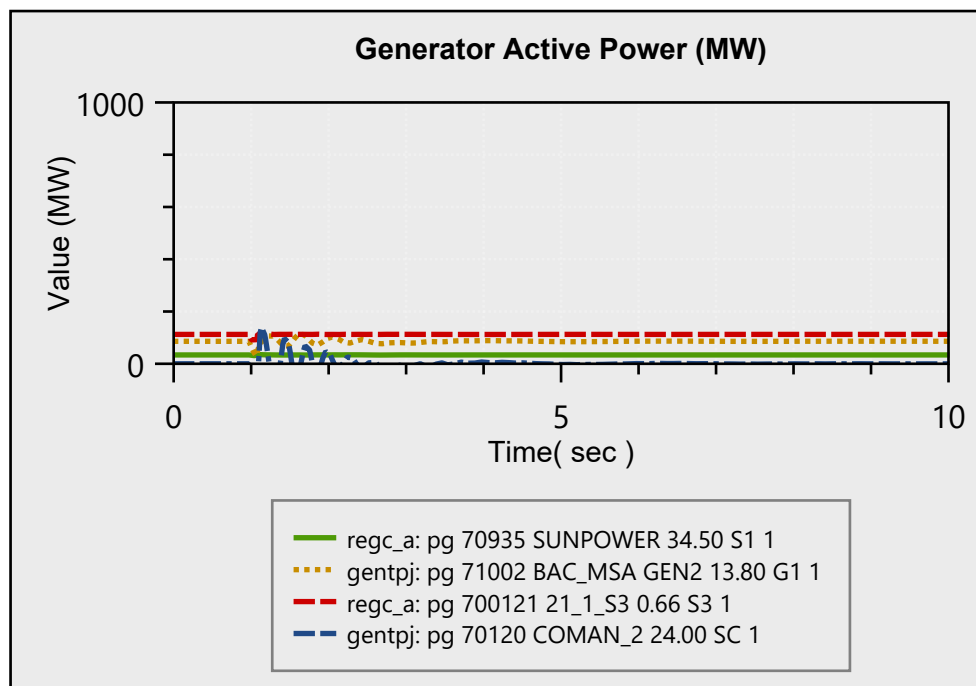
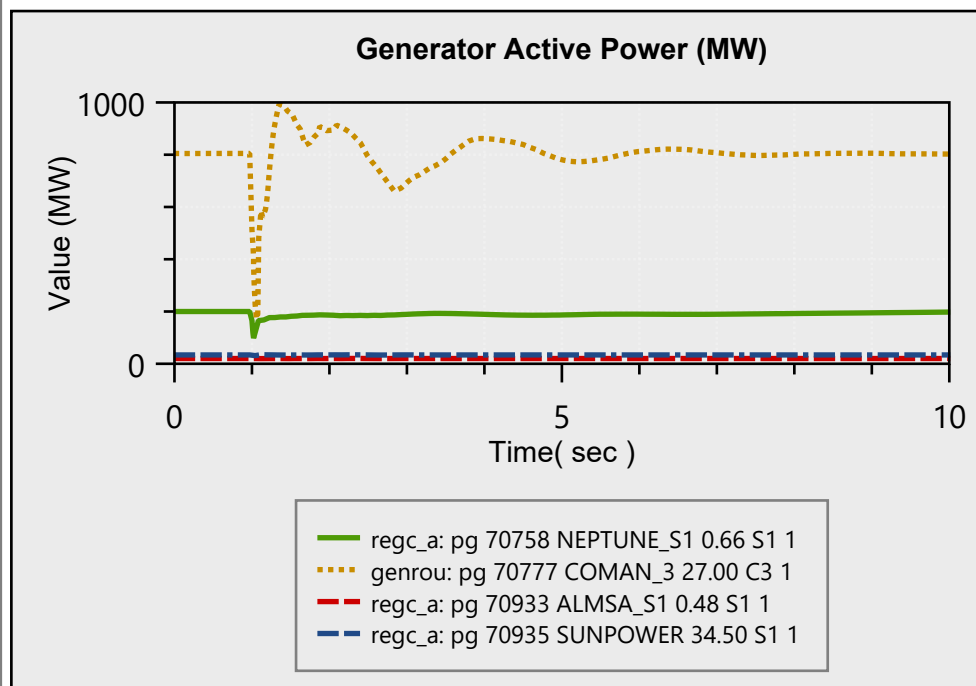
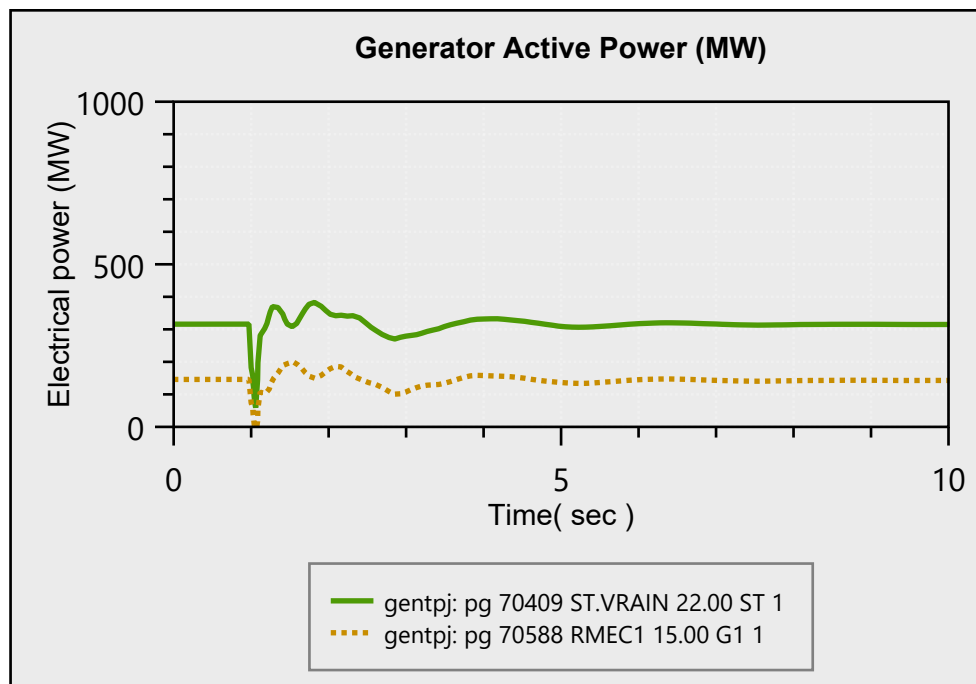
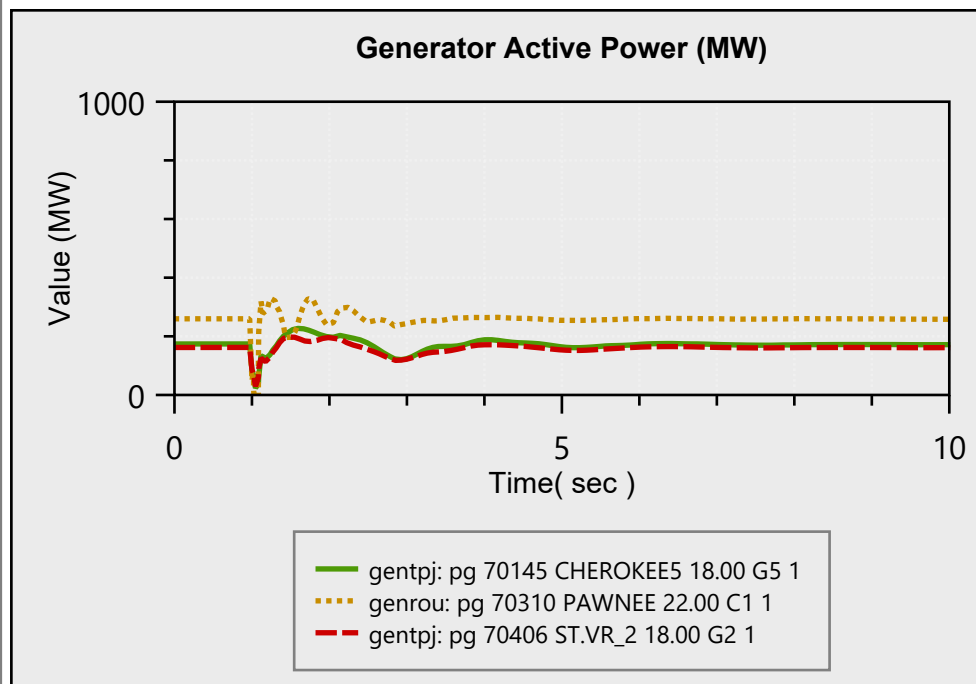
OUTPUTS



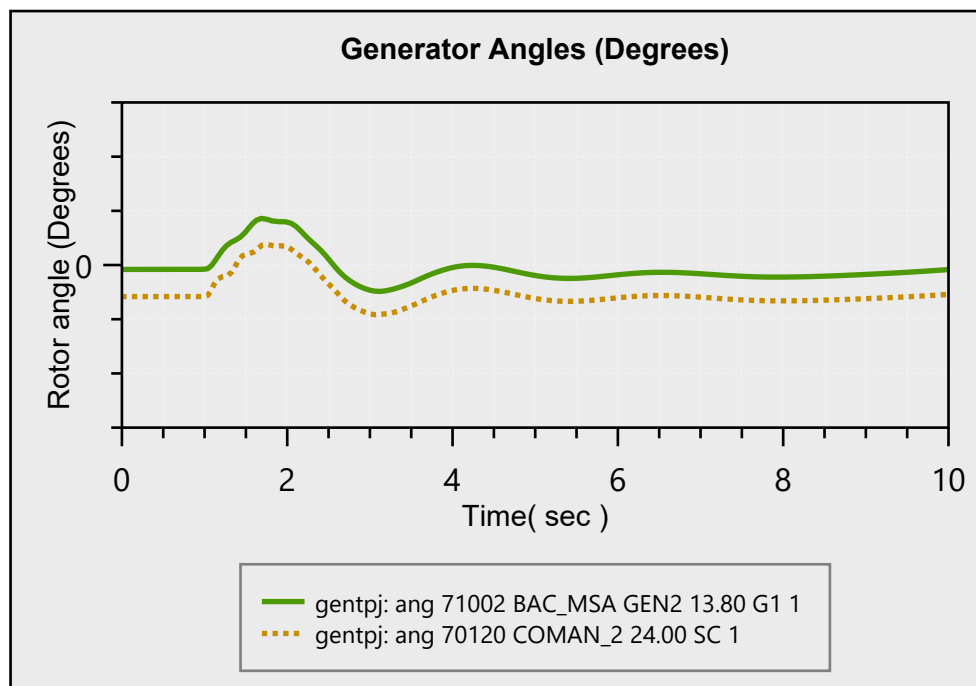
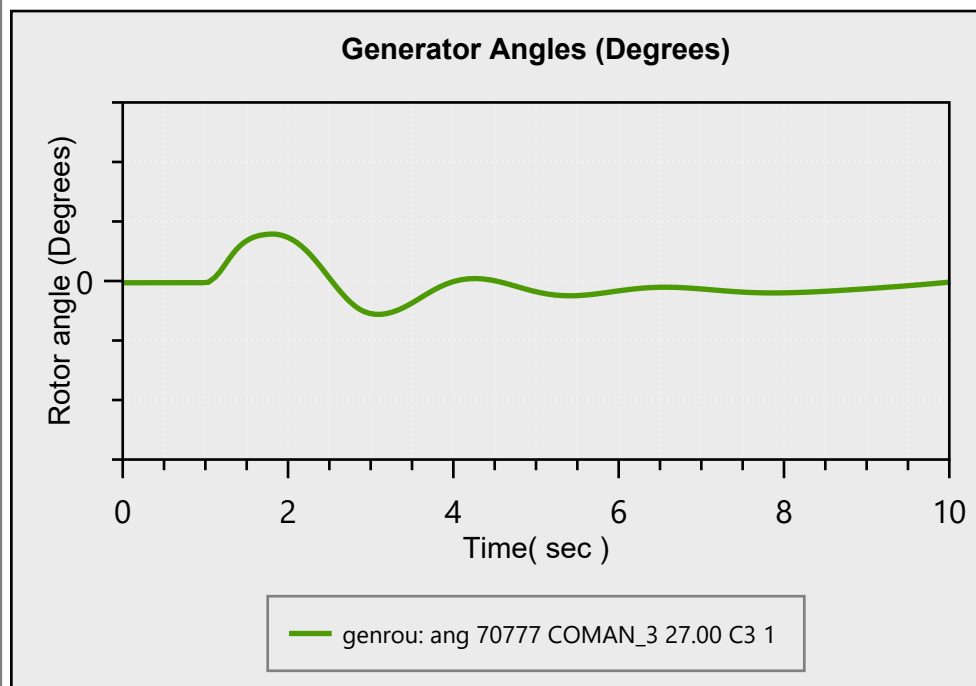
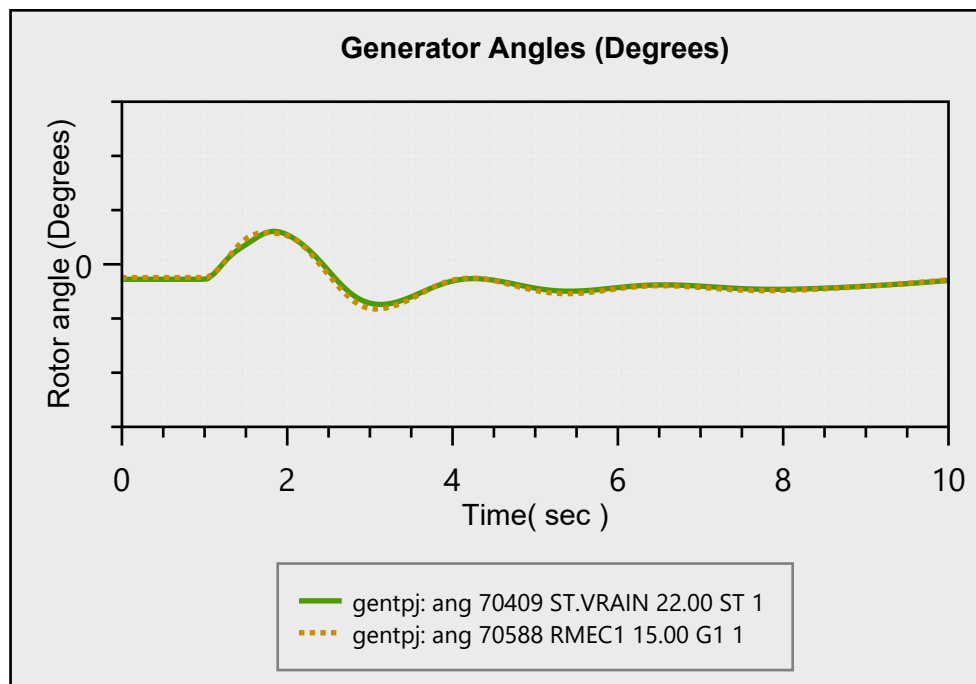
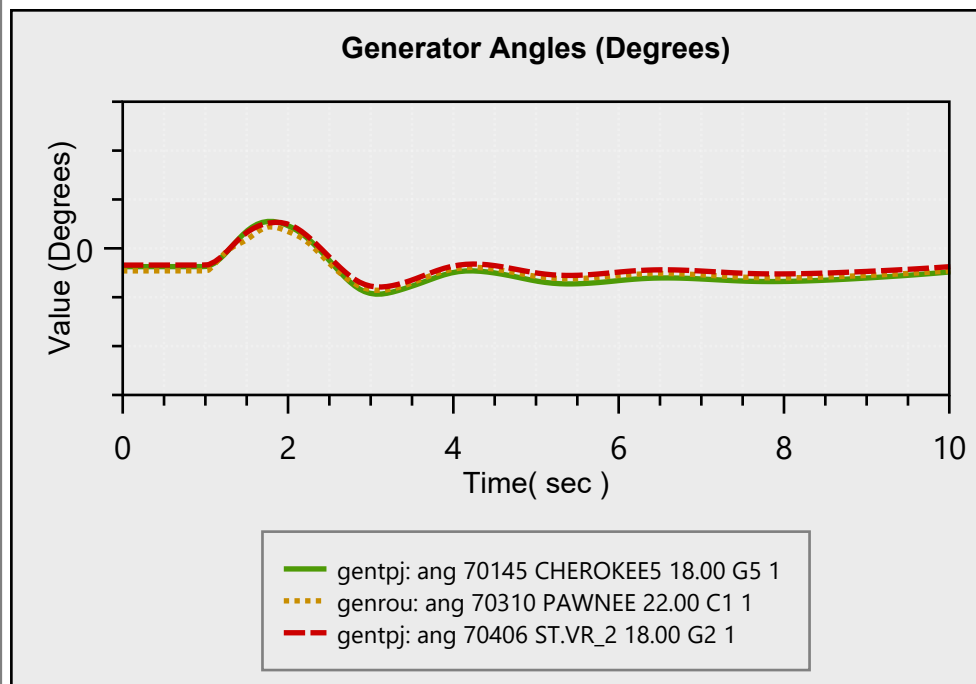
OUTPUTS



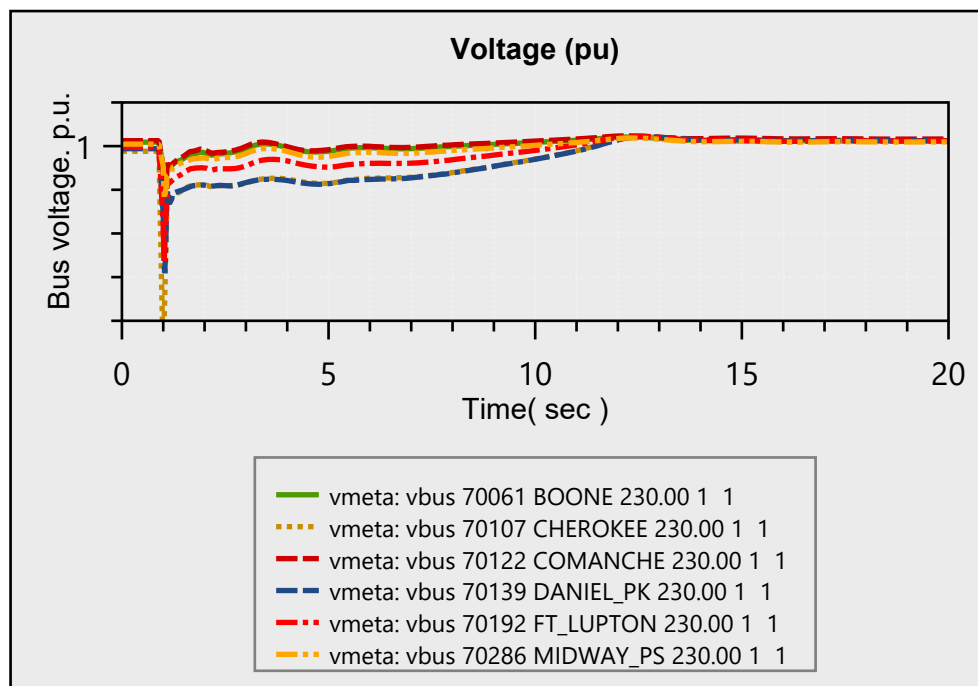
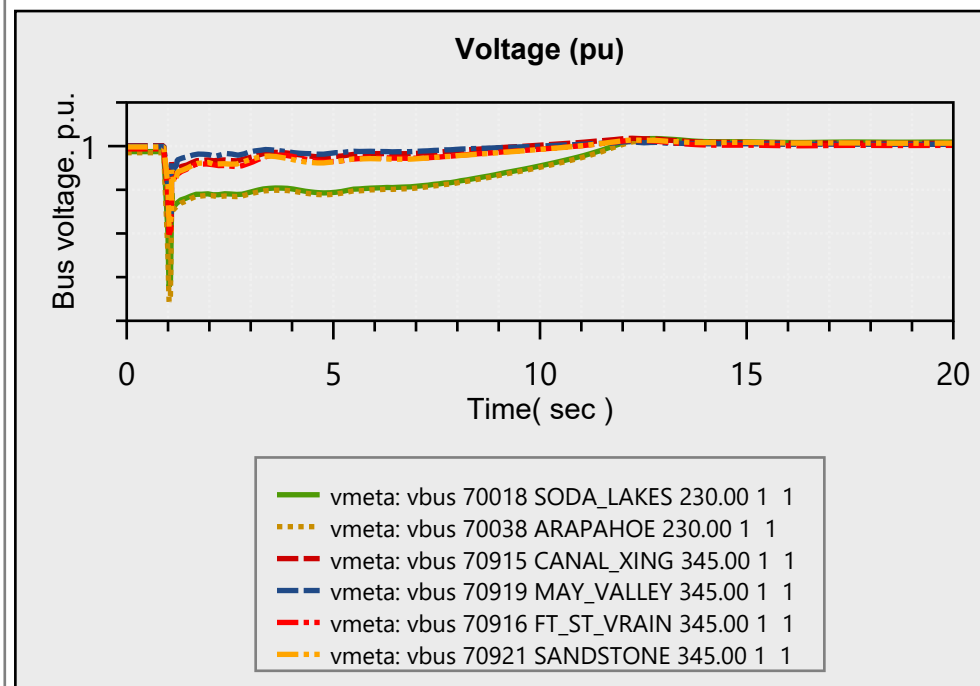
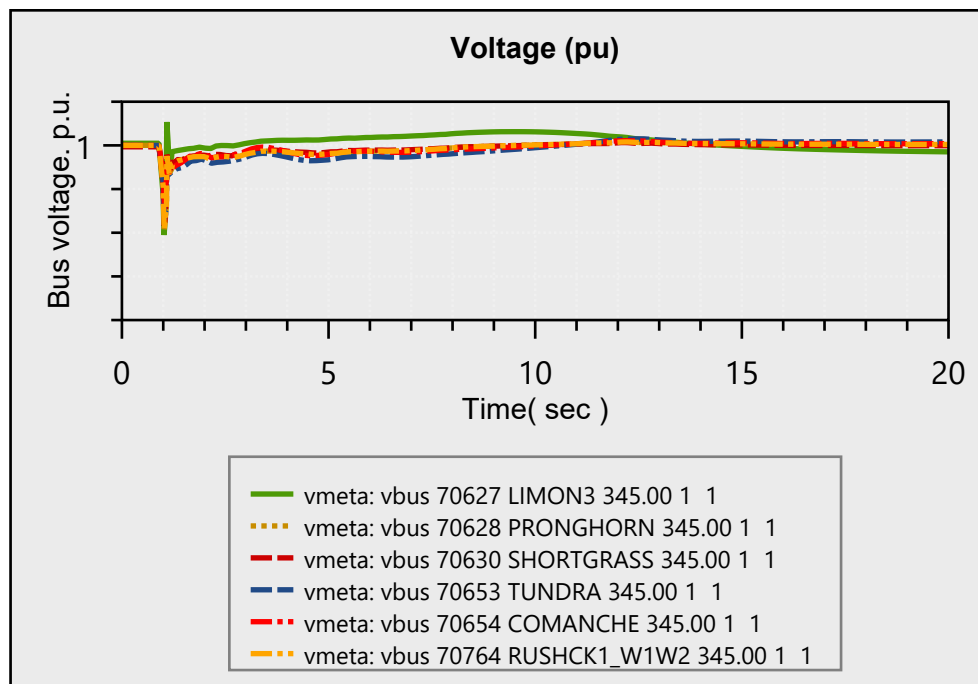
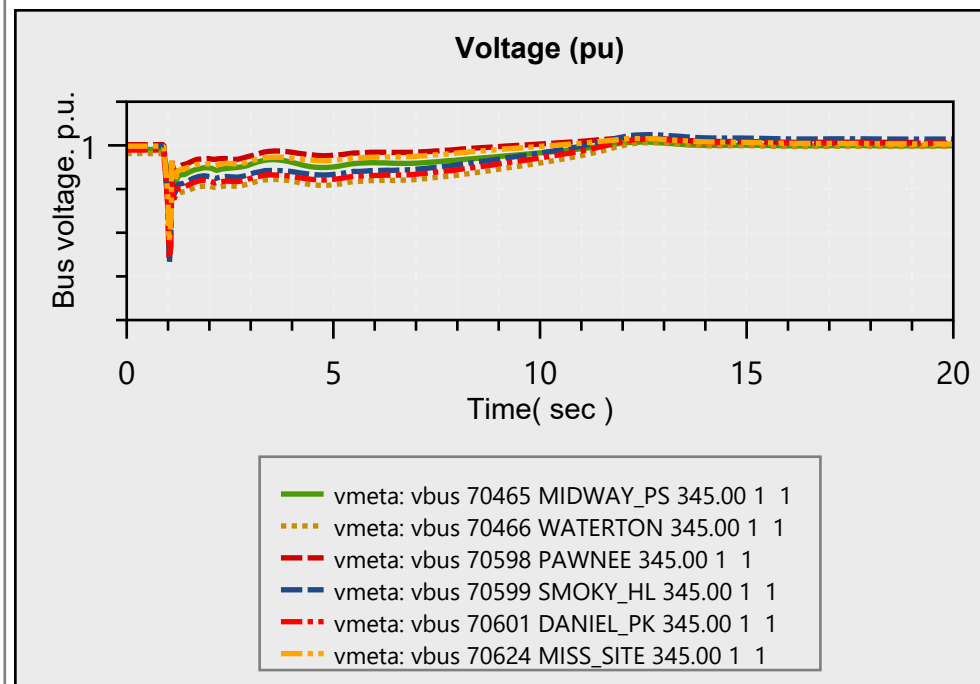
OUTPUTS



OUTPUTS

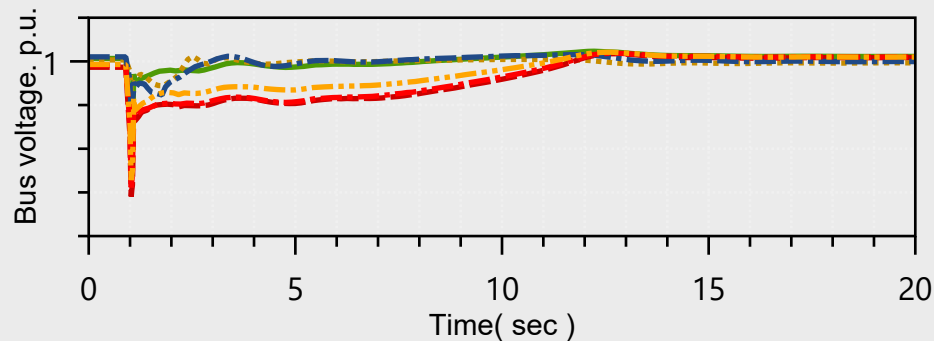


OUTPUTS



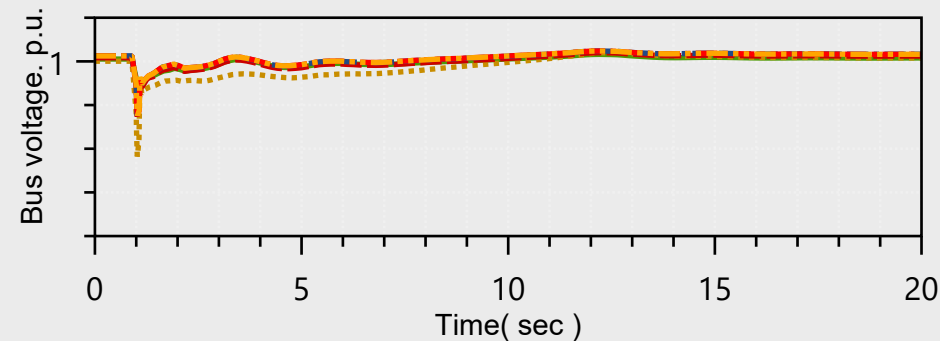
OUTPUTS

Voltage (pu)



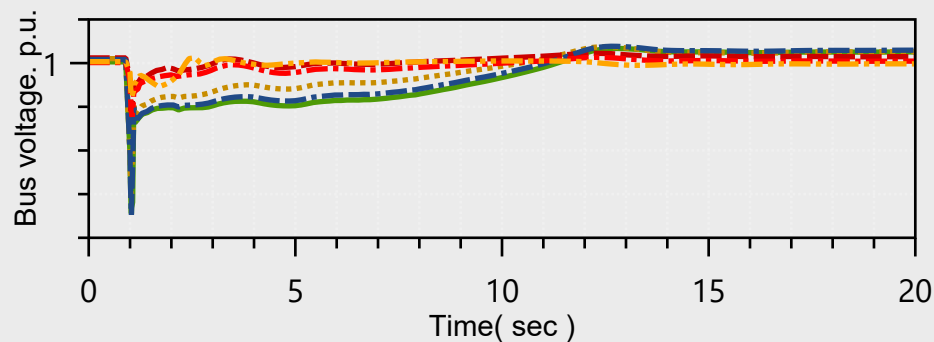
vmeta: vbus 70311 PAWNEE 230.00 1 1
 vmeta: vbus 70375 SANLSVLY 230.00 1 1
 vmeta: vbus 70447 VALMONT 230.00 1 1
 vmeta: vbus 70459 WALSENBG 230.00 1 1
 vmeta: vbus 70464 WATERTON 230.00 1 1
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Voltage (pu)



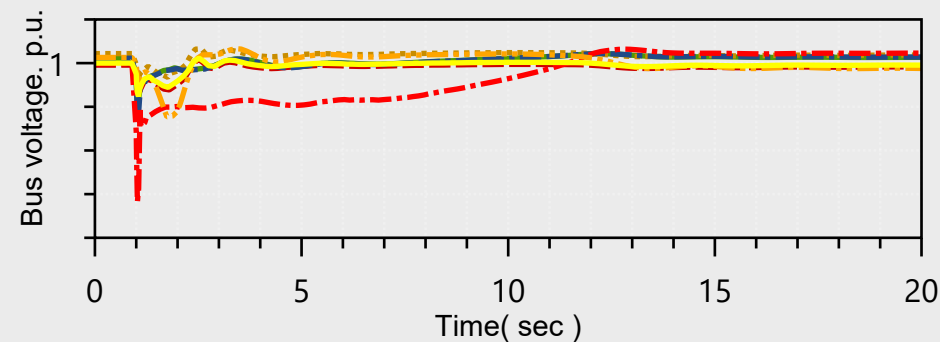
vmeta: vbus 70060 BOONE 115.00 1 1
 vmeta: vbus 70623 MISS_SITE 230.00 1 1
 vmeta: vbus 70652 MIRASOL 230.00 1 1
 vmeta: vbus 70875 BIGHORN_S_3 230.00 1 1
 vmeta: vbus 700208 REPL_2024_1 230.00 1 1
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Voltage (pu)



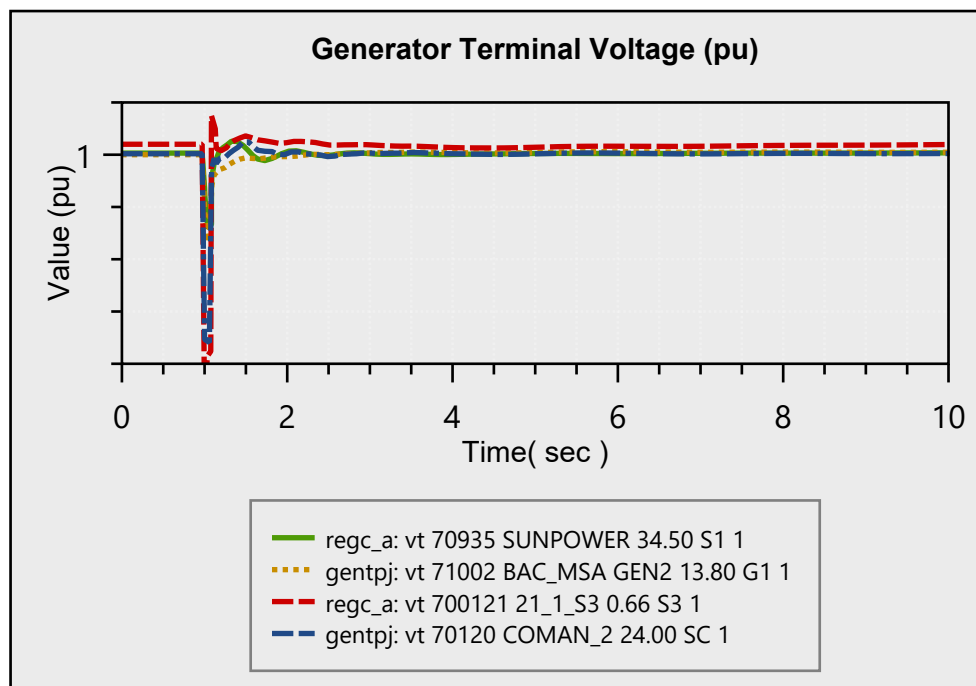
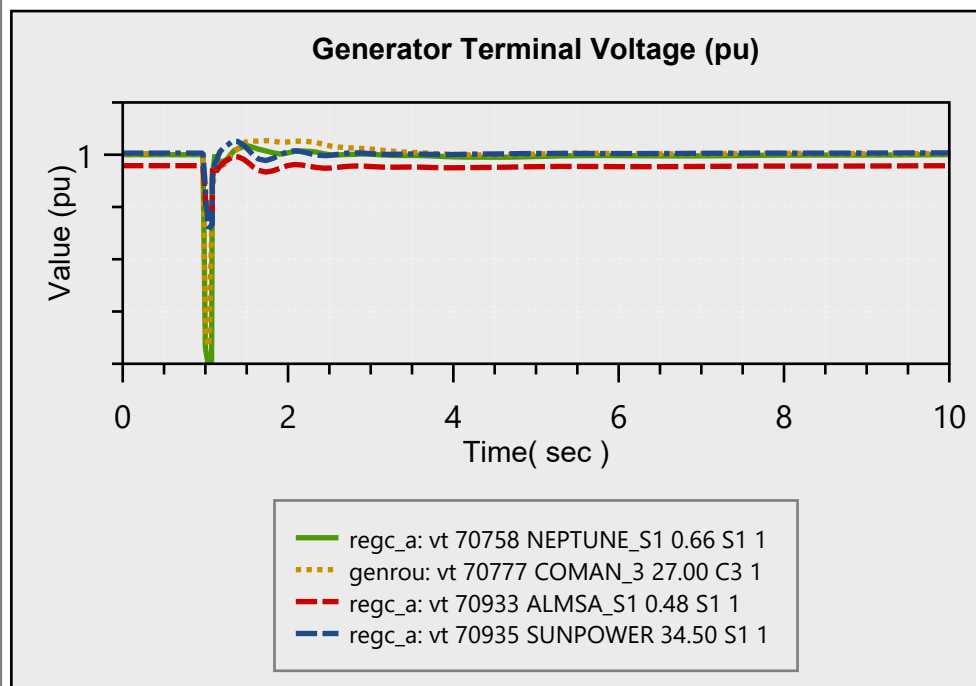
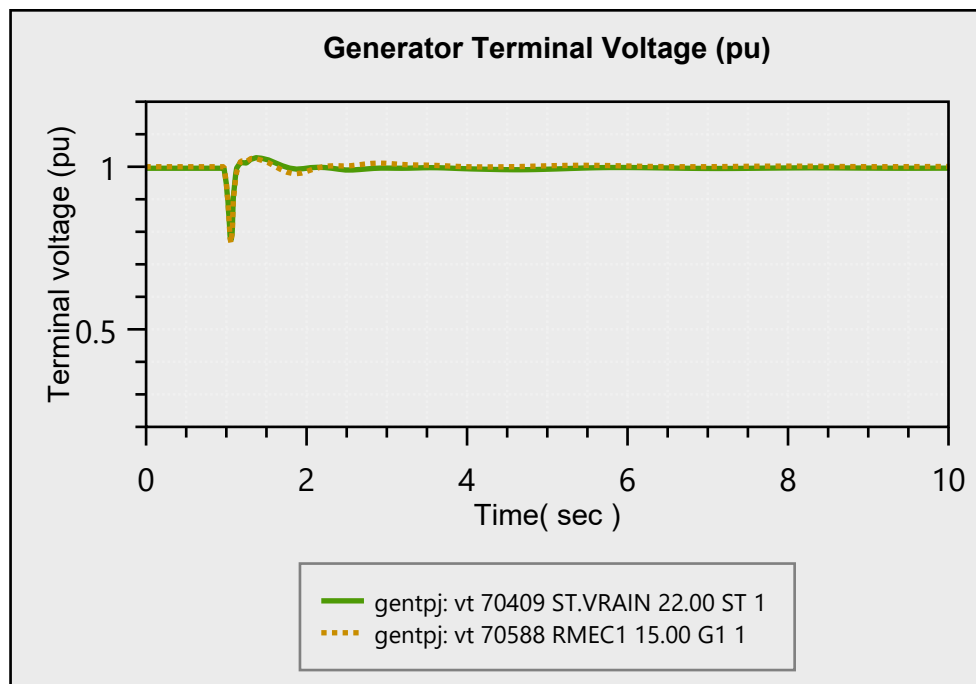
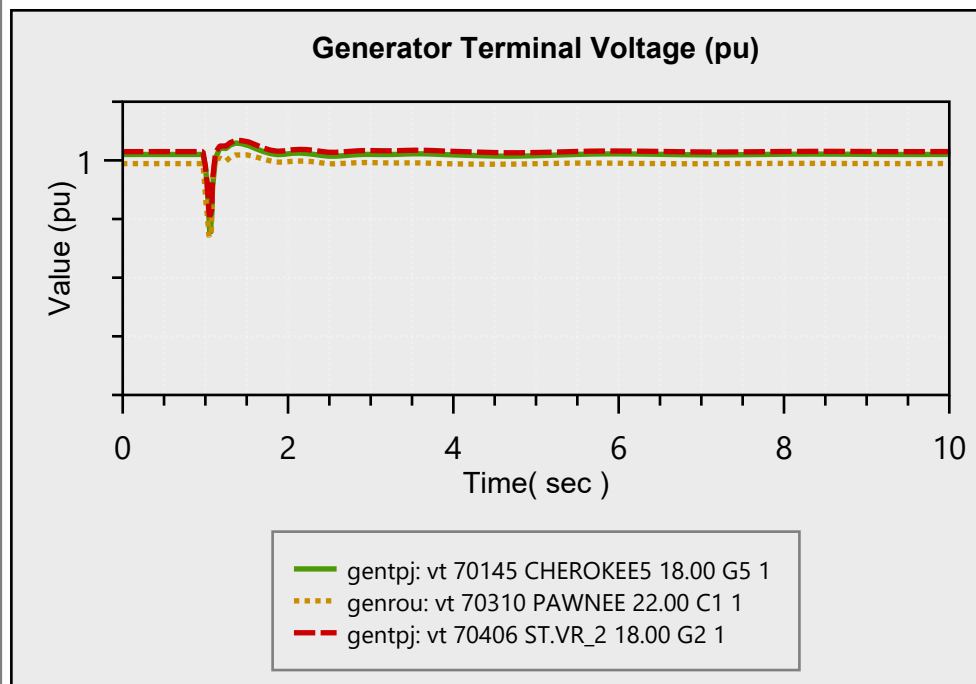
vmeta: vbus 70066 LOOKOUT_2 115.00 1 1
 vmeta: vbus 70108 CHEROKEE_S 115.00 1 1
 vmeta: vbus 70121 COMANCHE_1 115.00 1 1
 vmeta: vbus 70144 DENVER_TM_2 115.00 1 1
 vmeta: vbus 70285 MIDWAY_PS 115.00 1 1
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Voltage (pu)

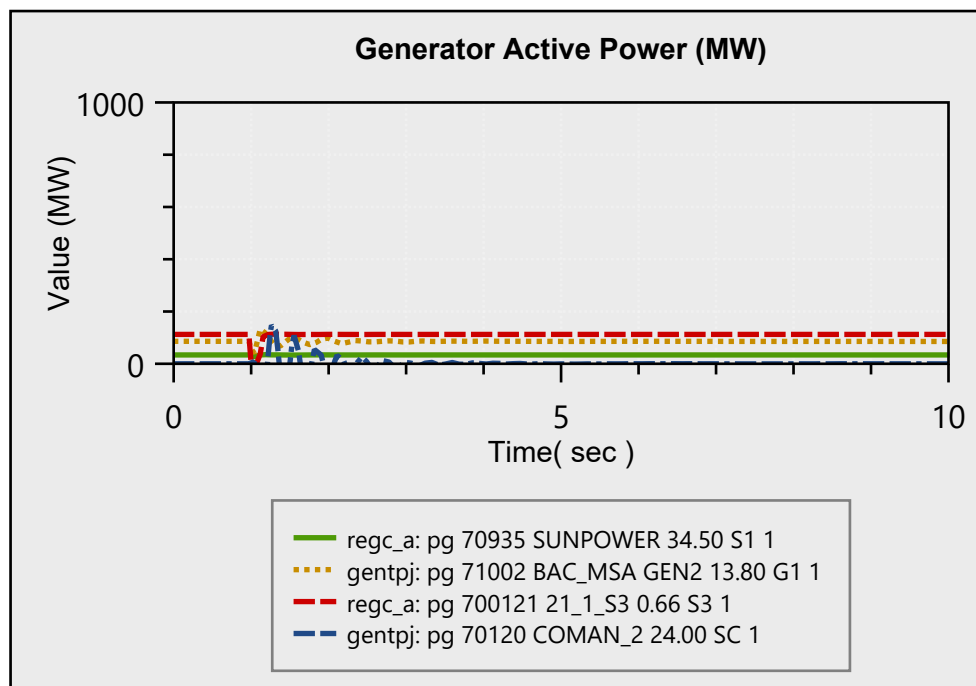
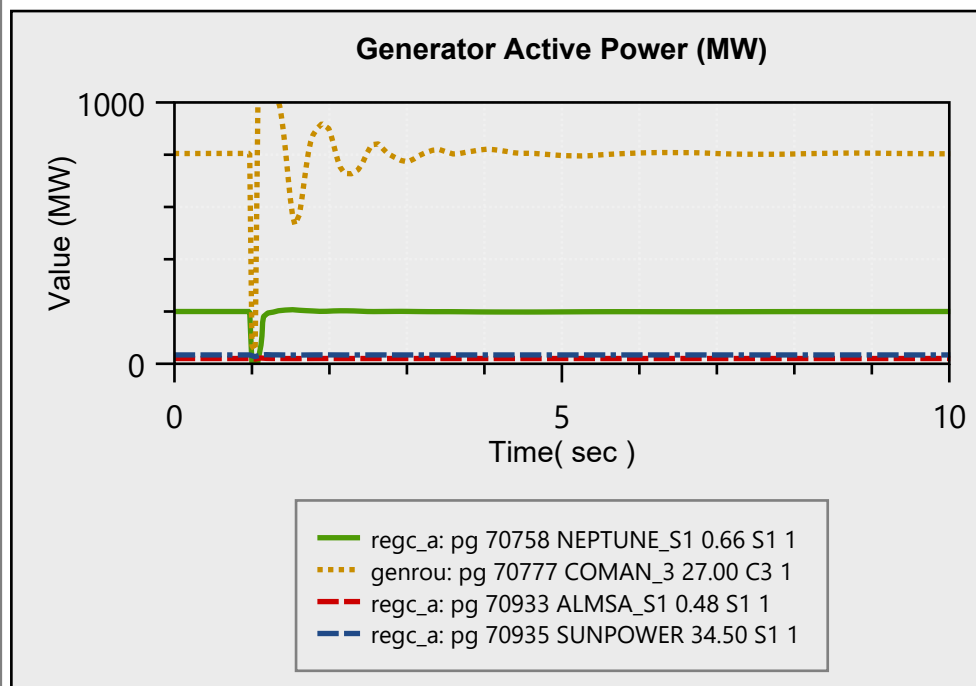
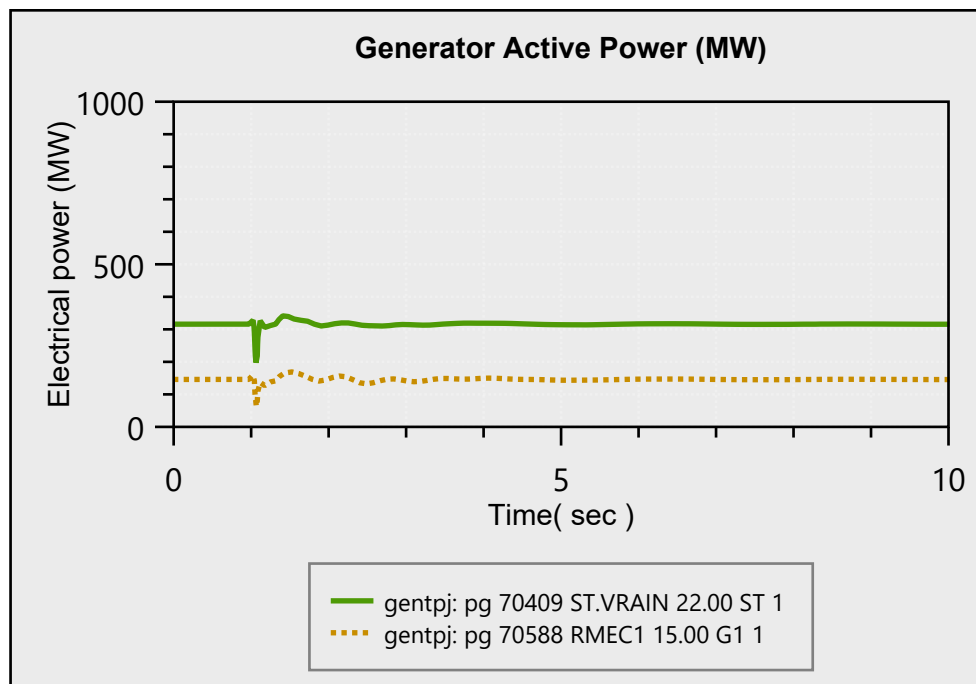
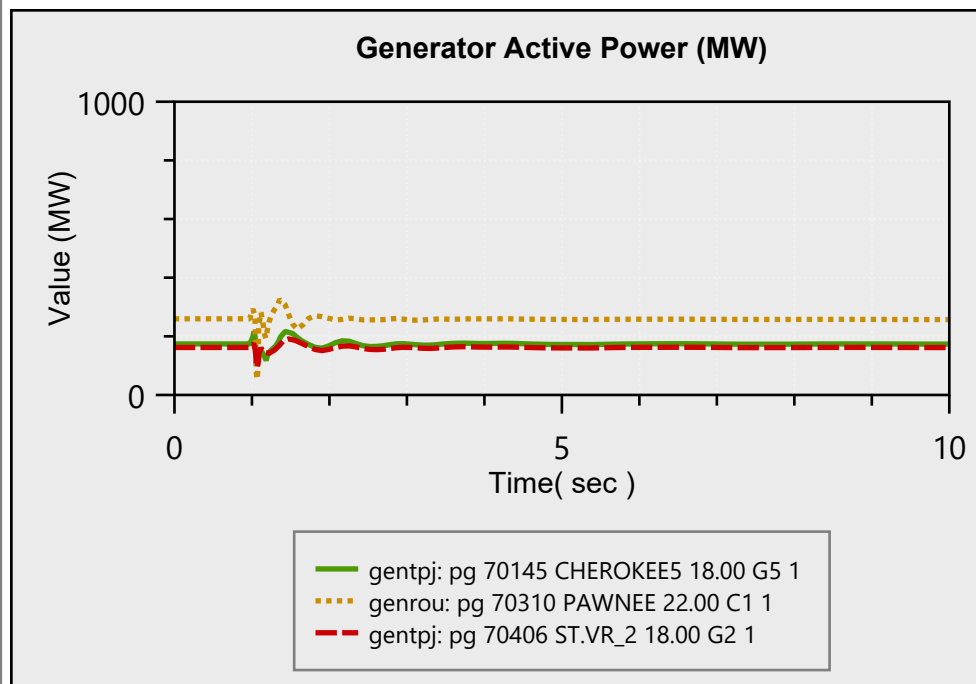


vmeta: vbus 70062 BOONE 69.00 1 1
 vmeta: vbus 70186 ALAMOSA_TP 69.00 1 1
 vmeta: vbus 70230 HOOPERTP 69.00 1 1
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 vmeta: vbus 70981 BLUESTONE 69.00 1 1

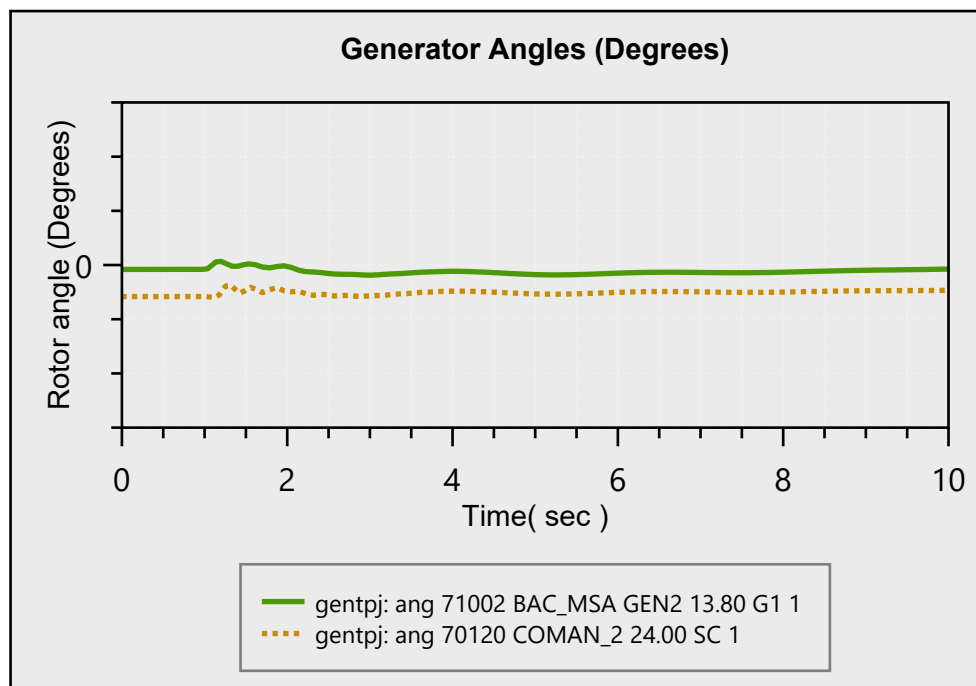
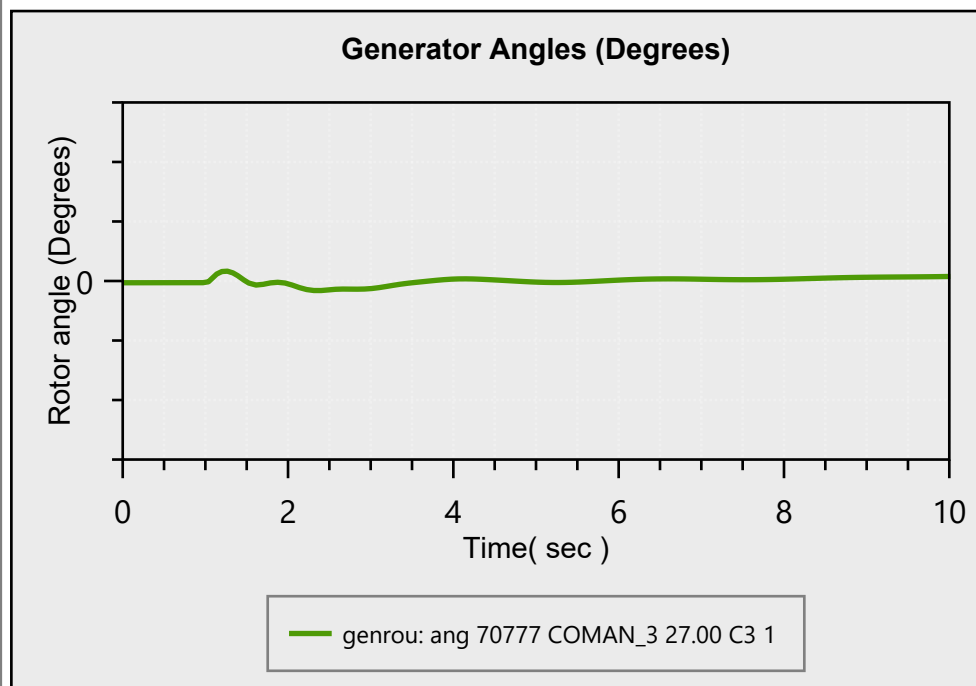
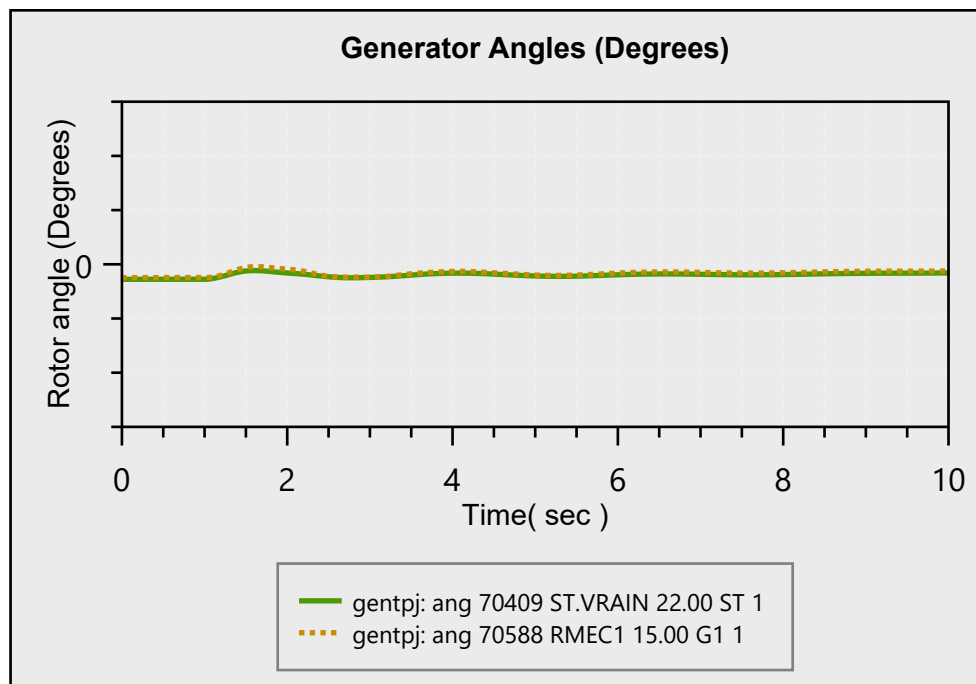
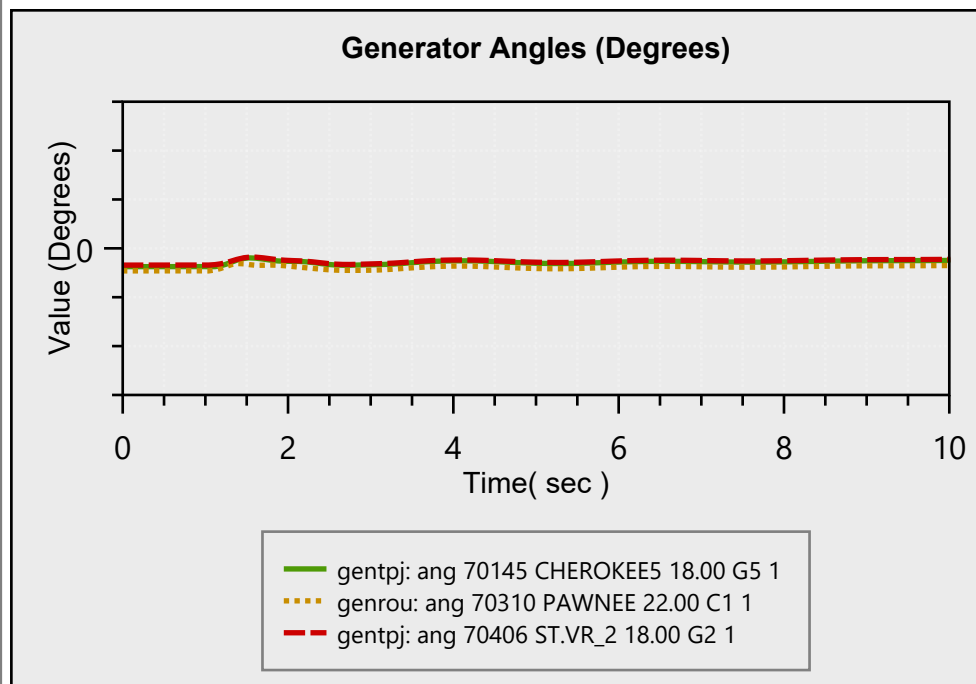
OUTPUTS



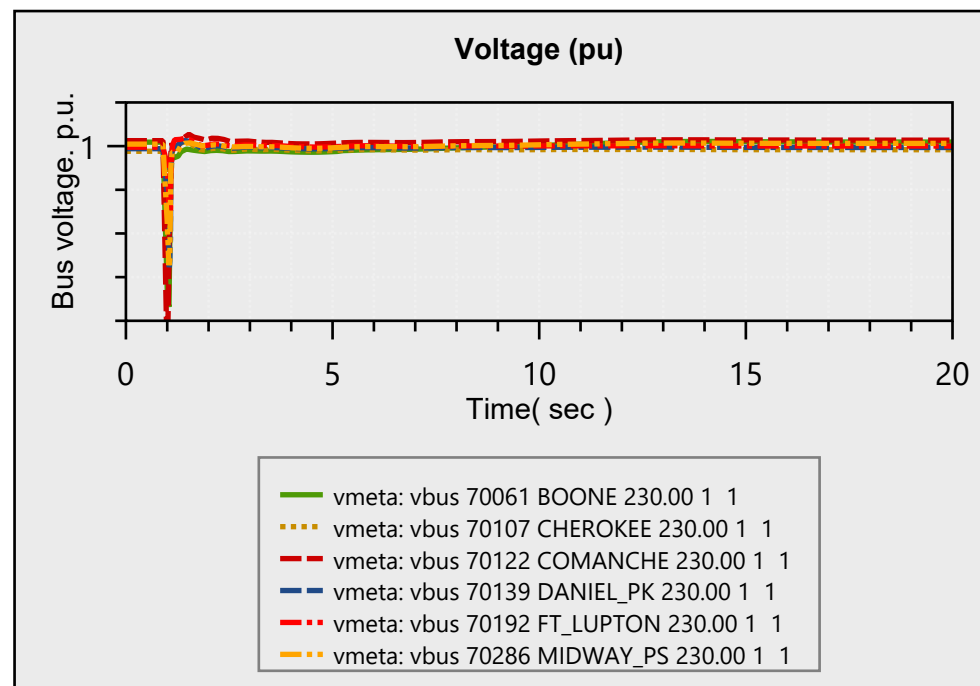
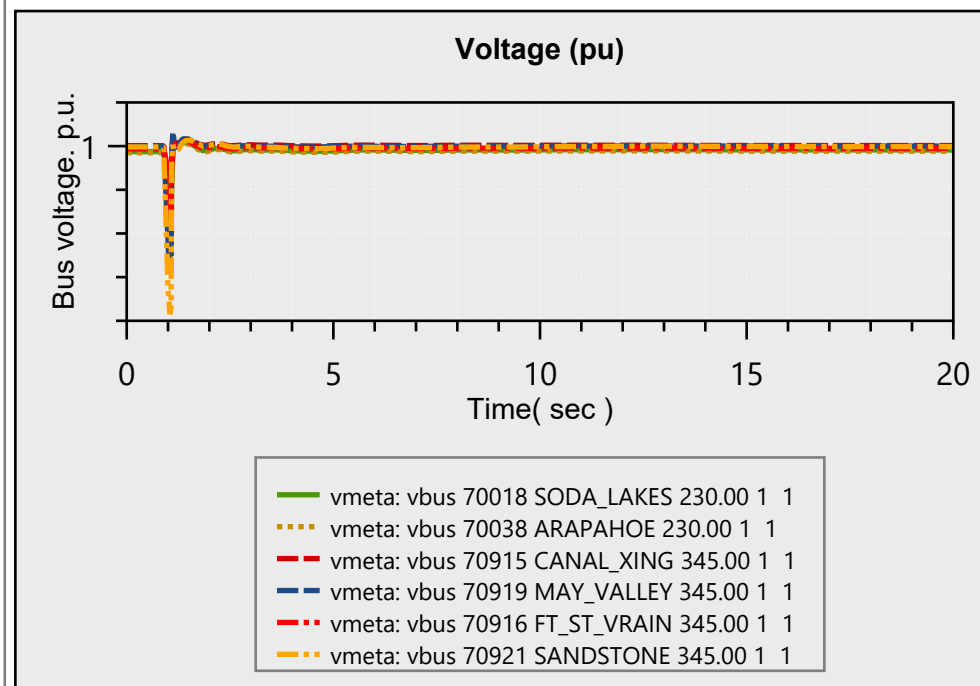
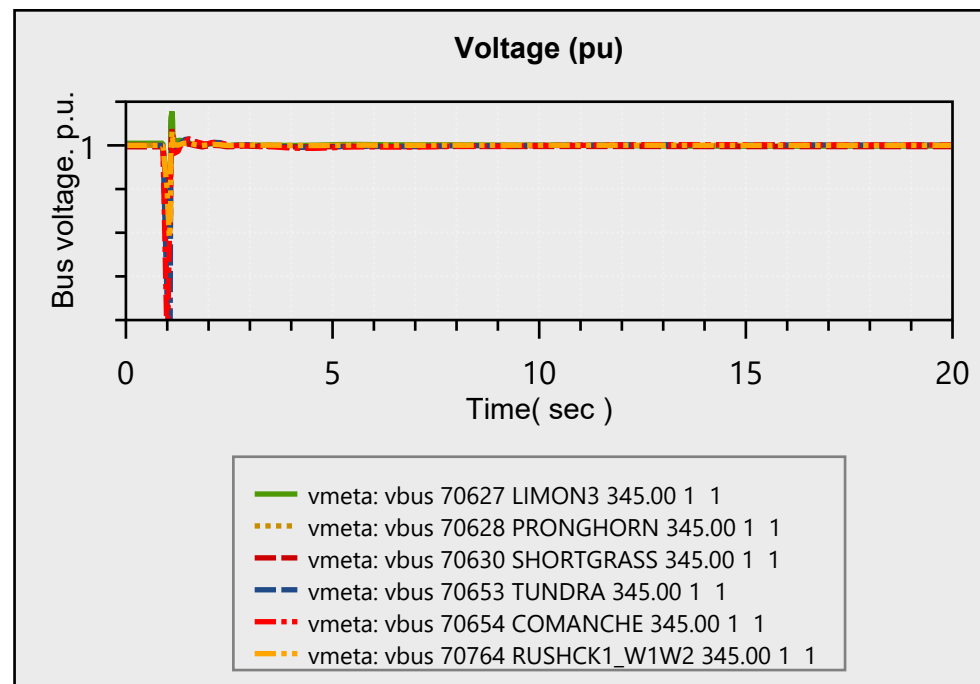
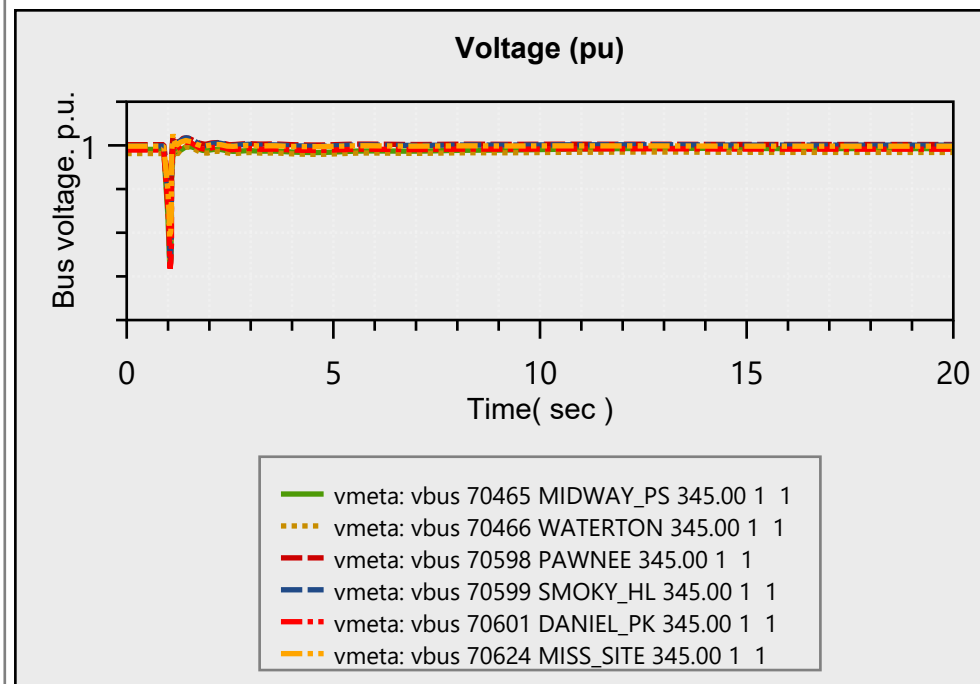
OUTPUTS



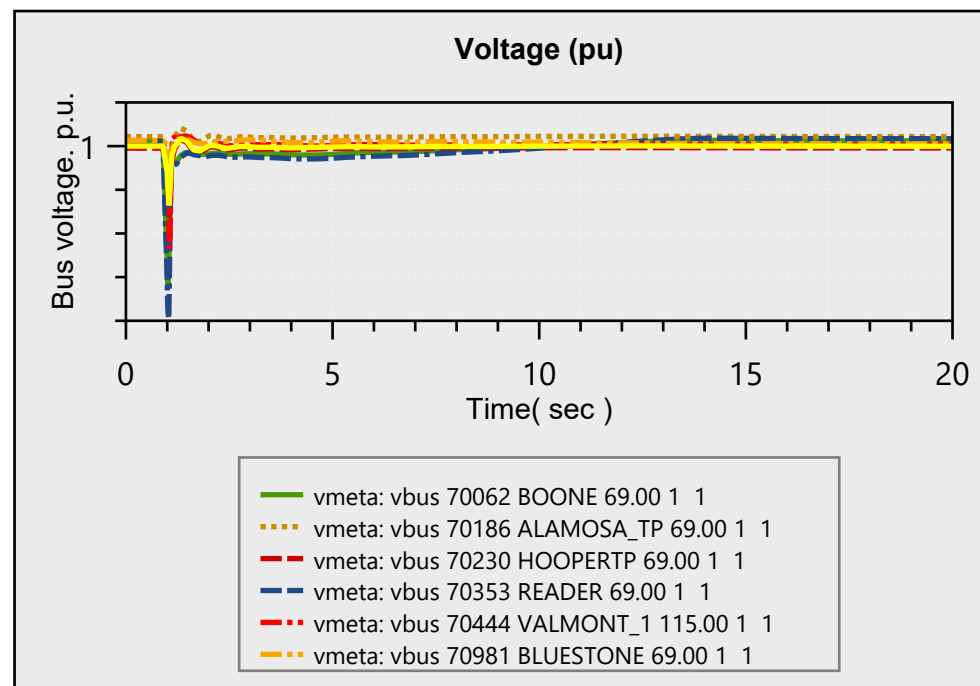
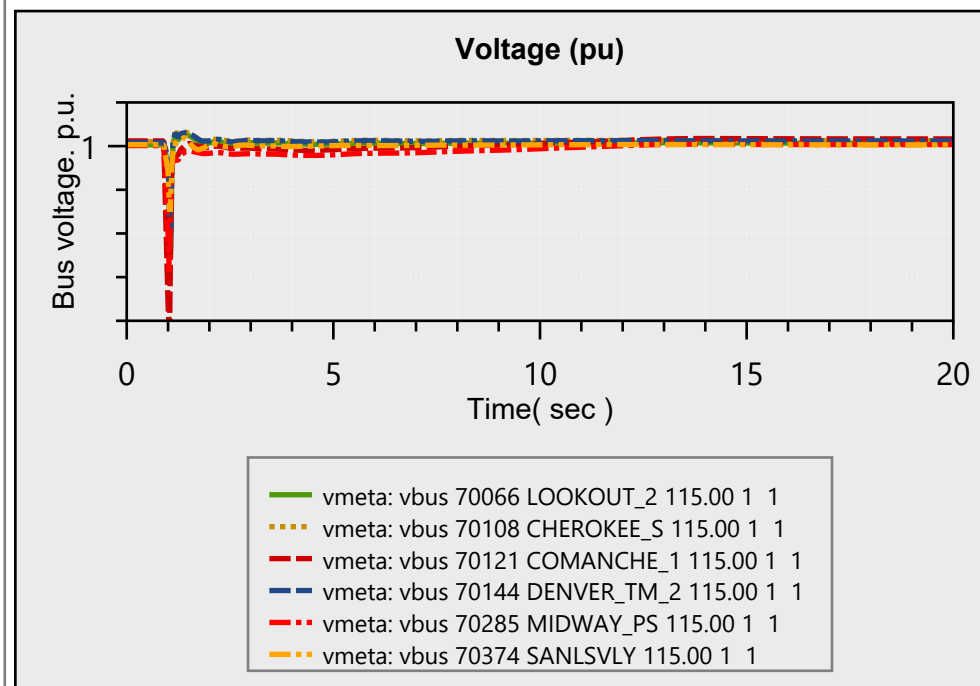
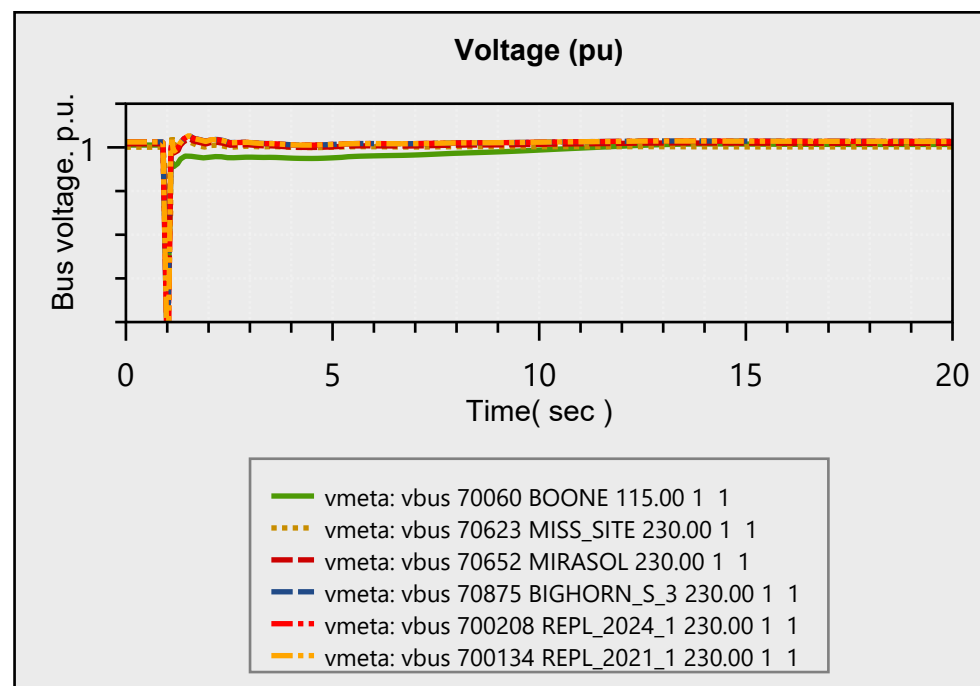
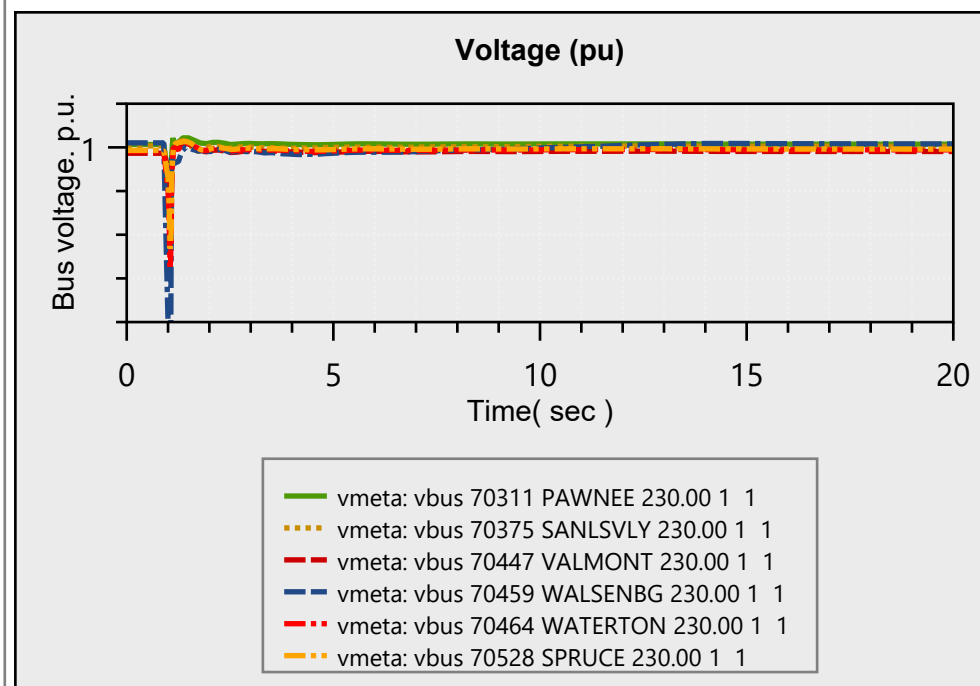
OUTPUTS



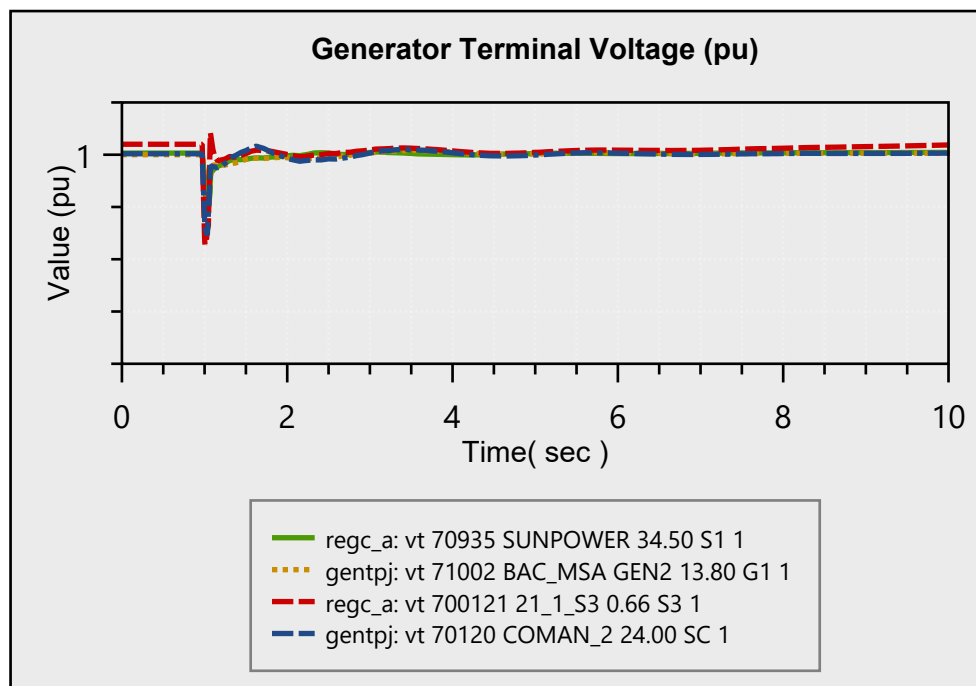
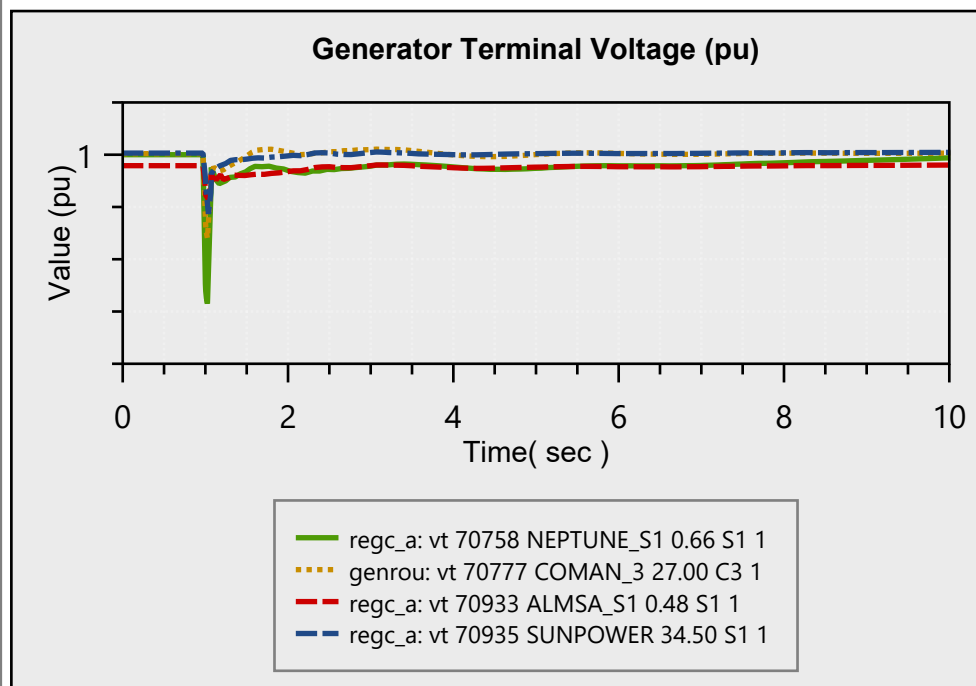
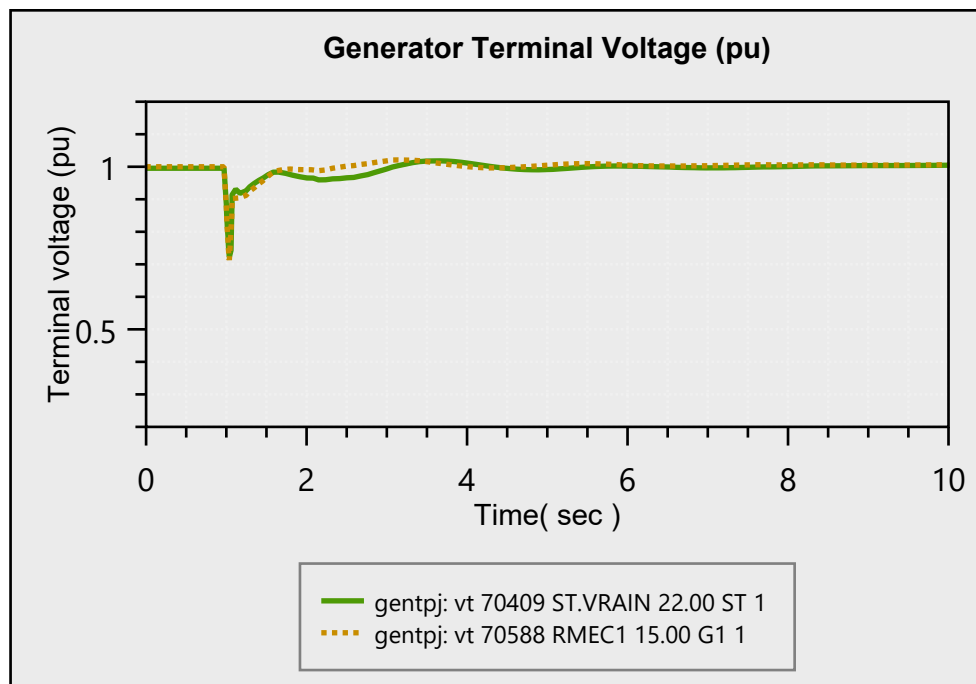
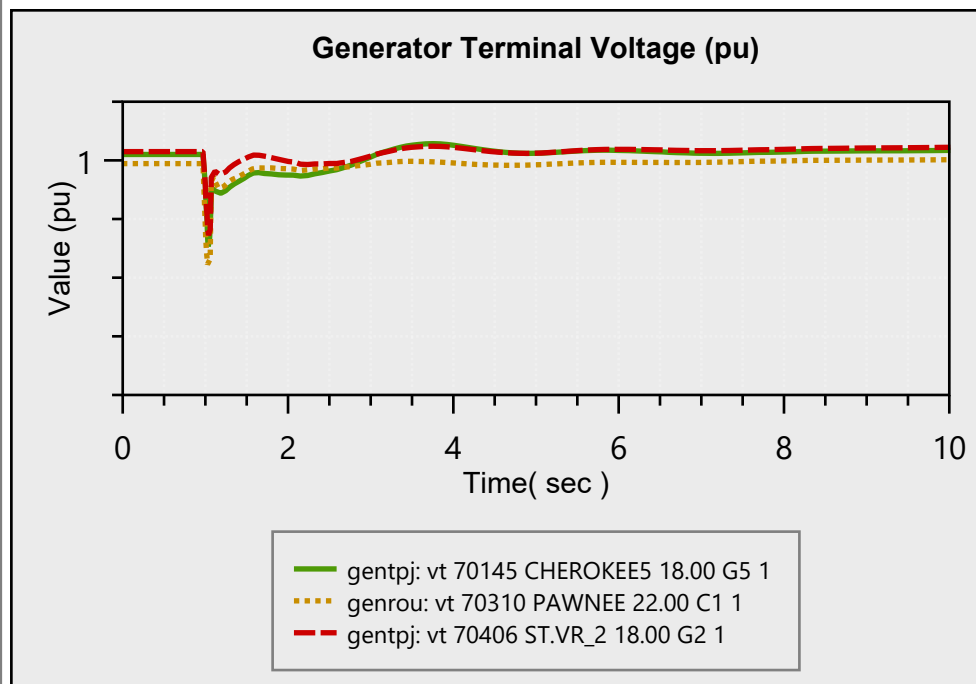
OUTPUTS



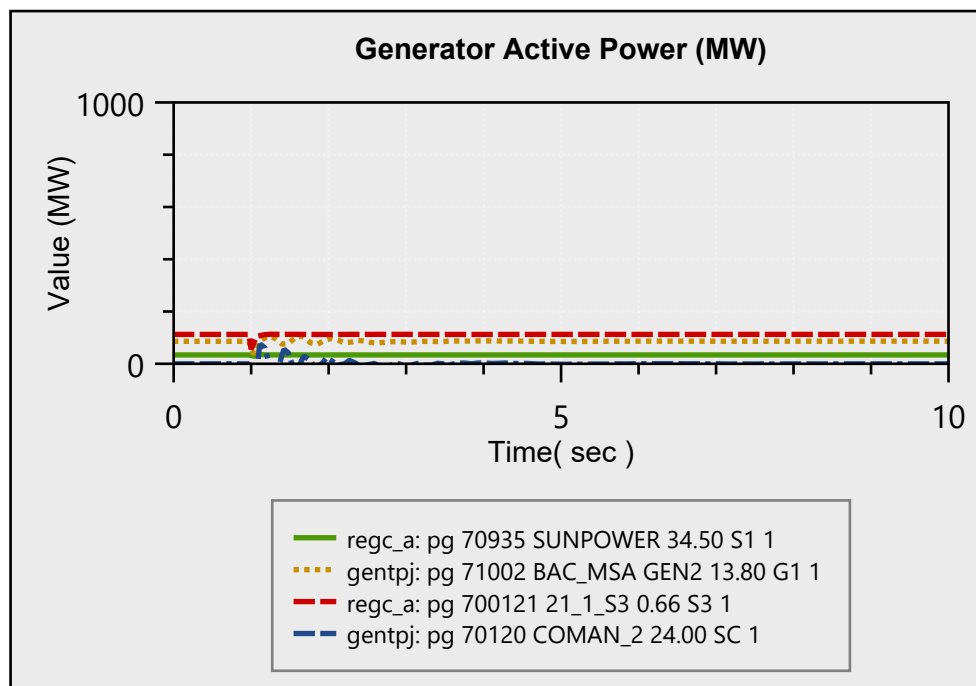
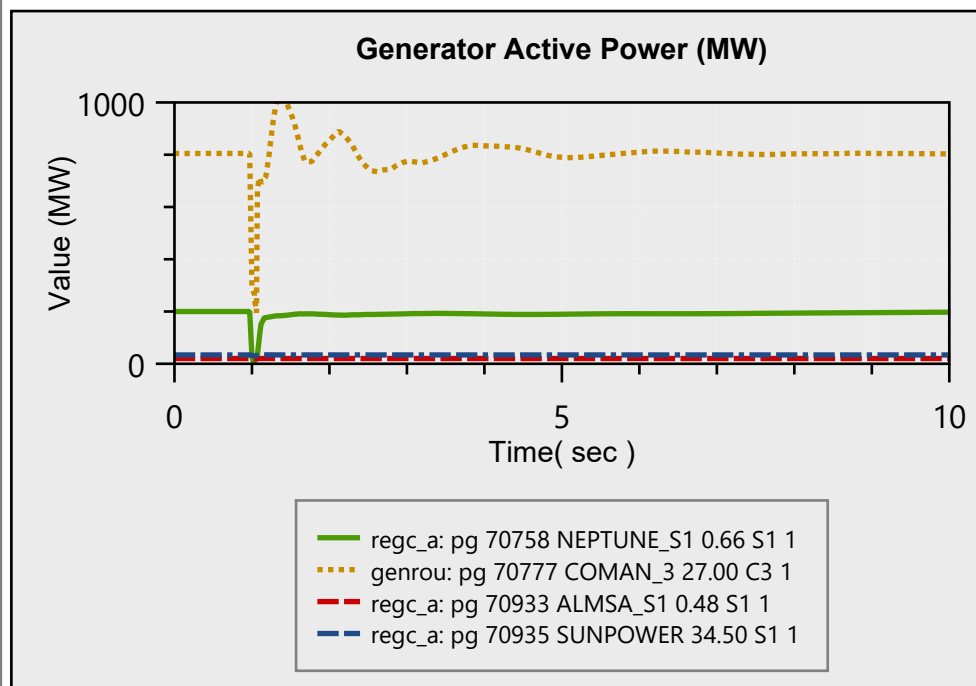
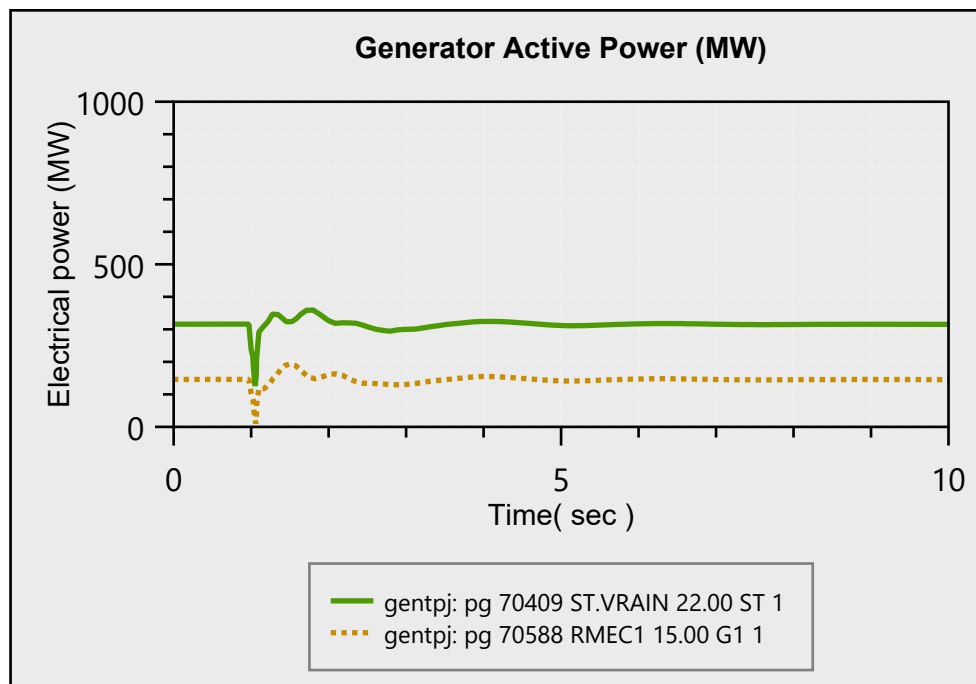
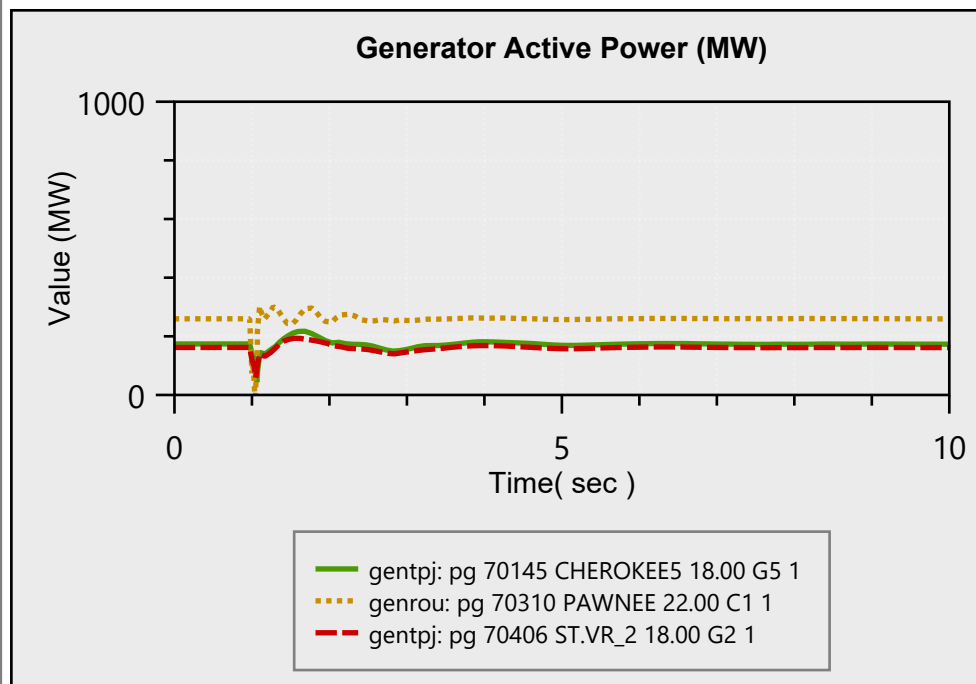
OUTPUTS



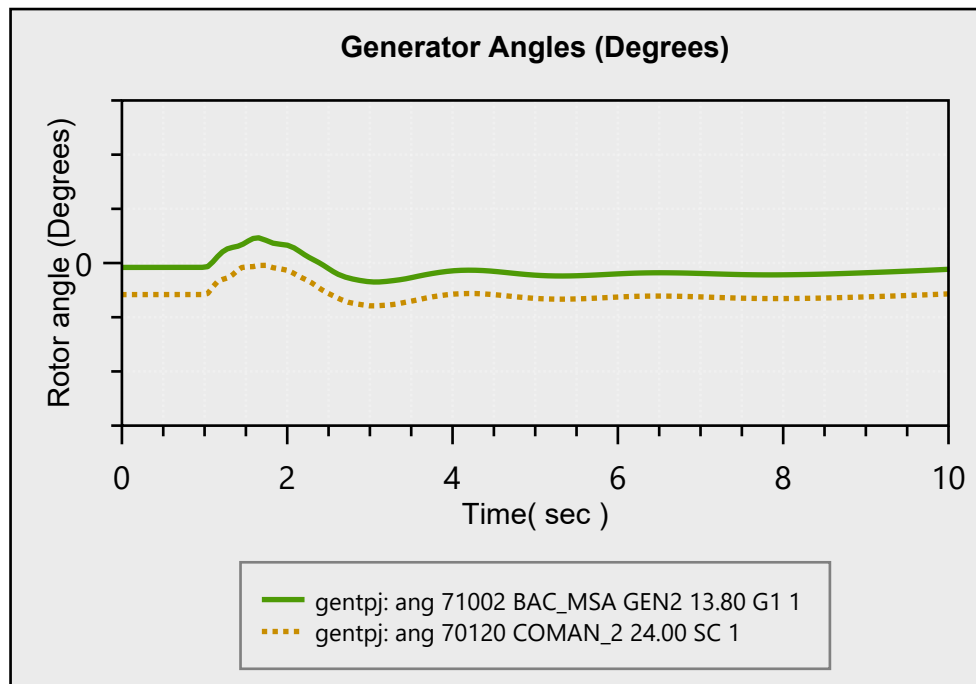
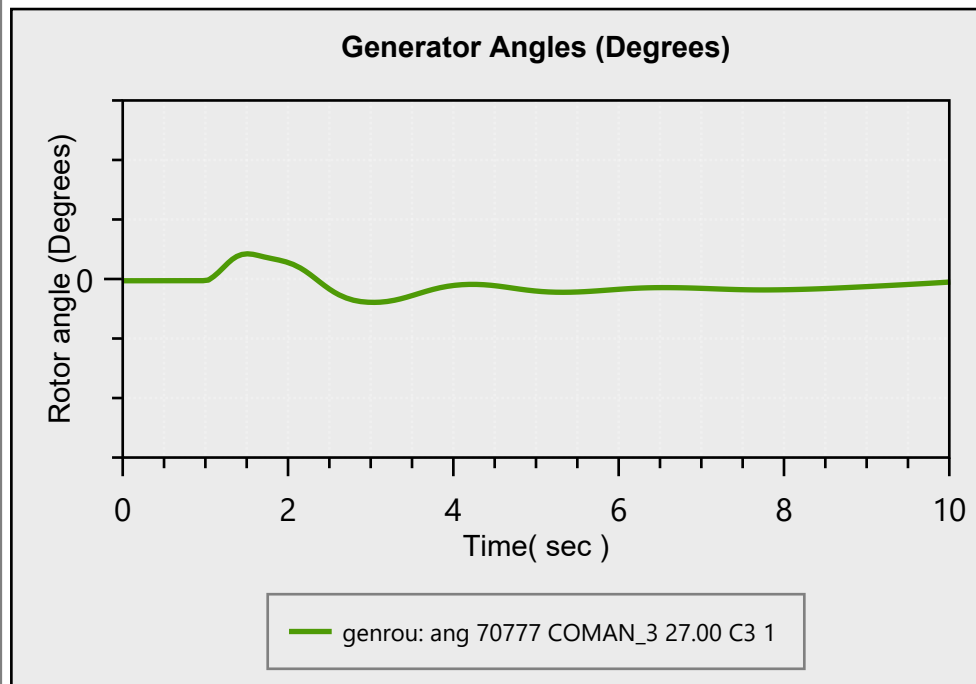
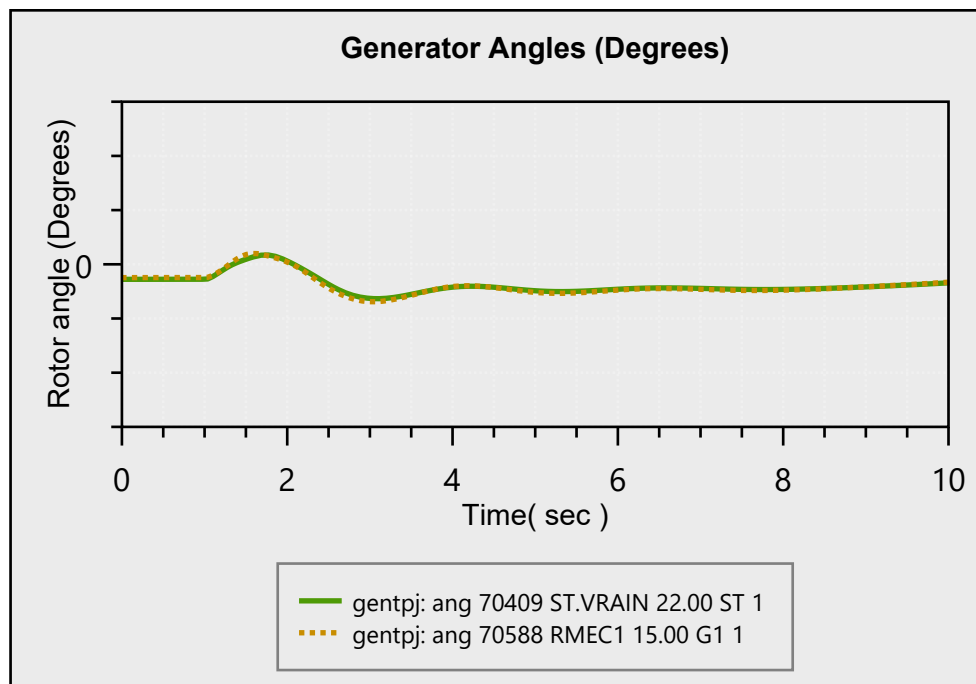
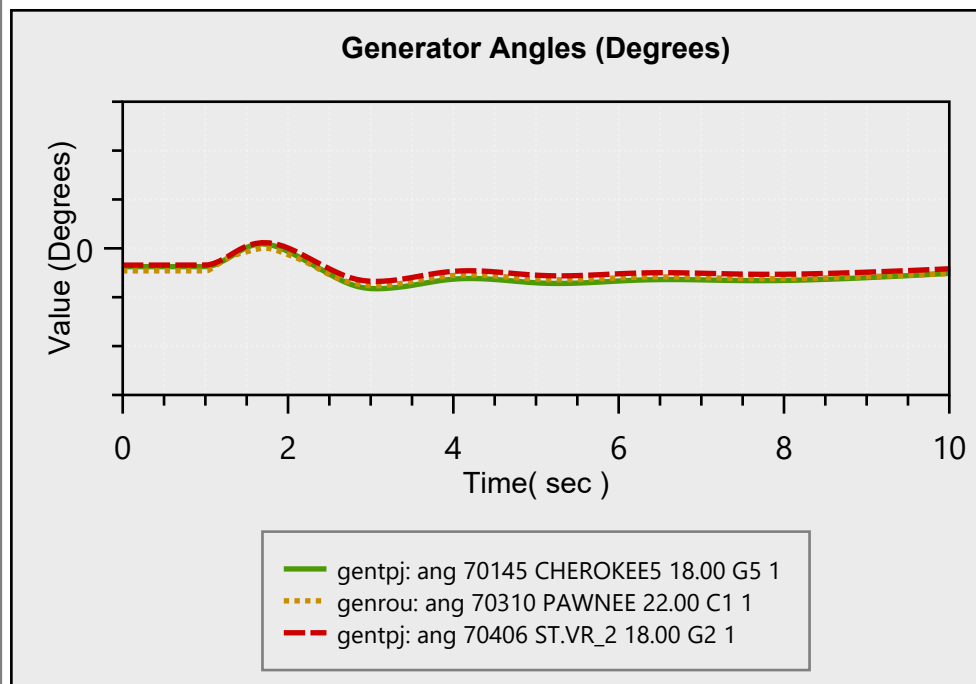
OUTPUTS



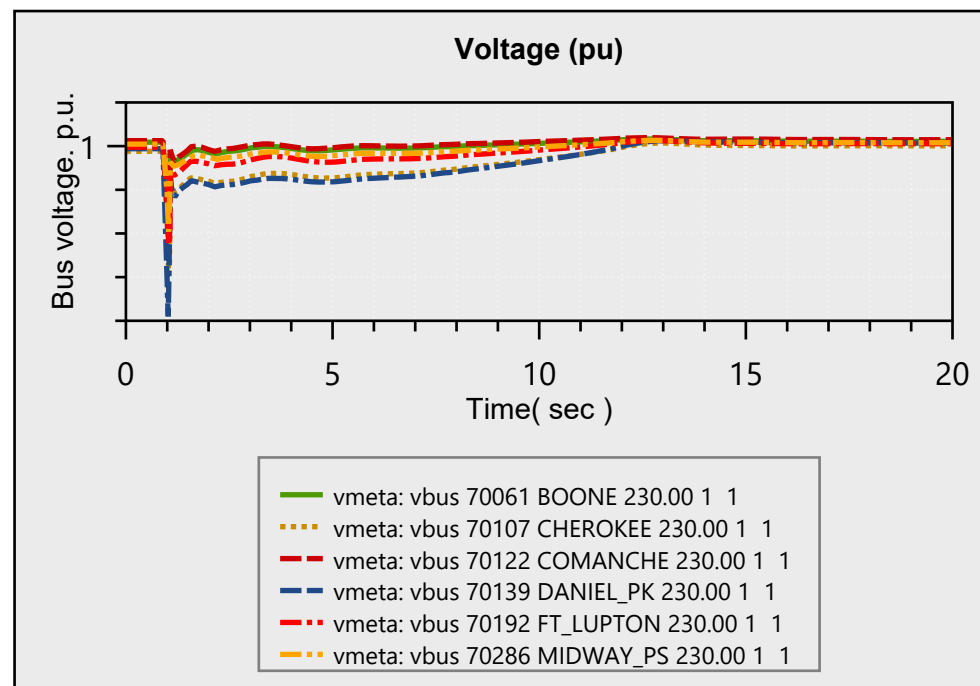
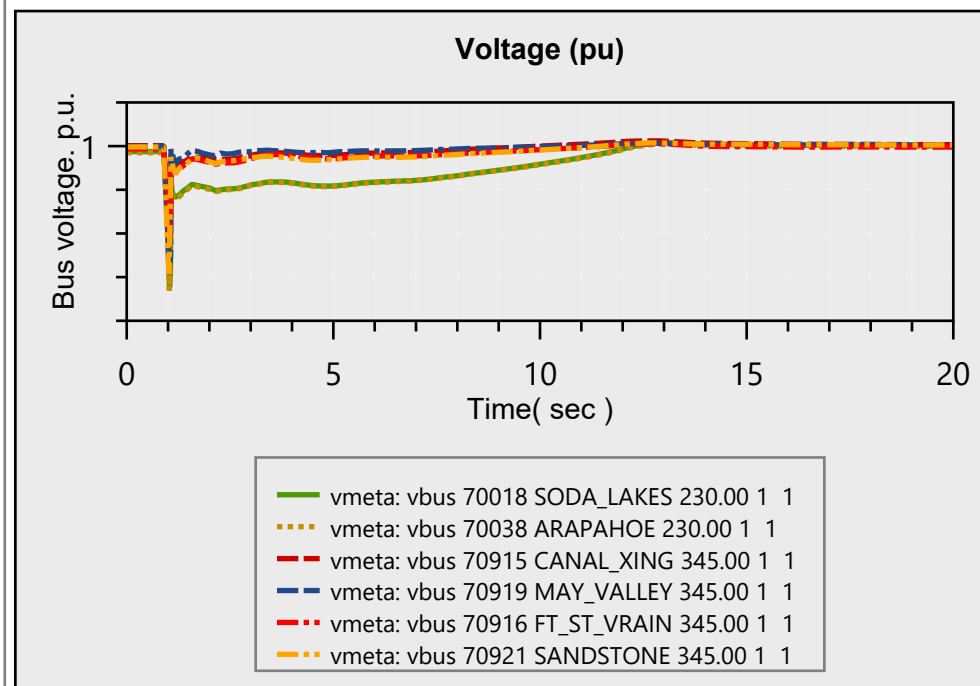
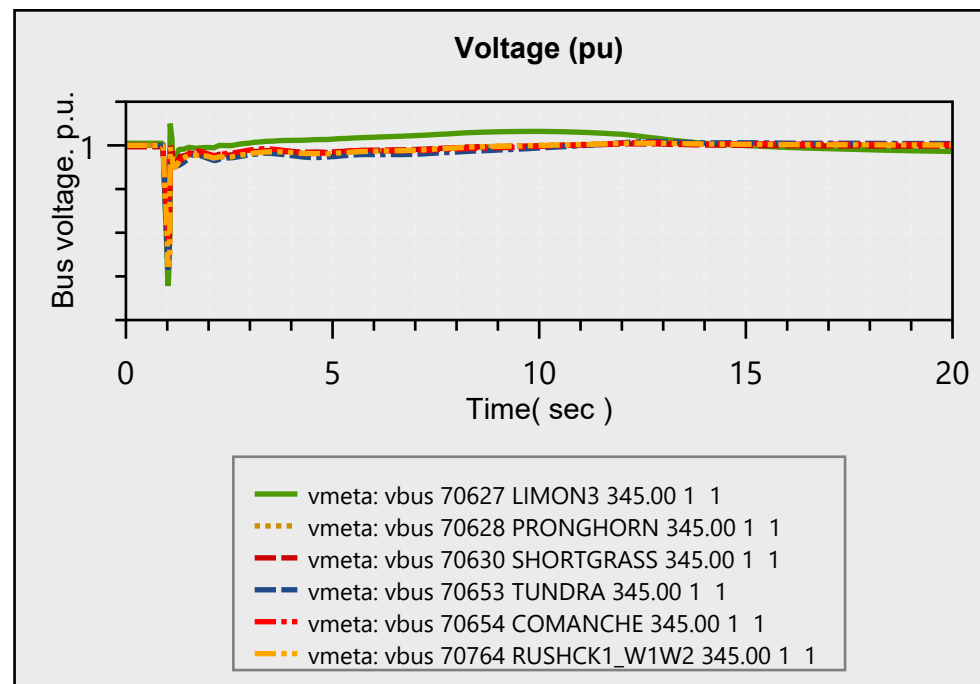
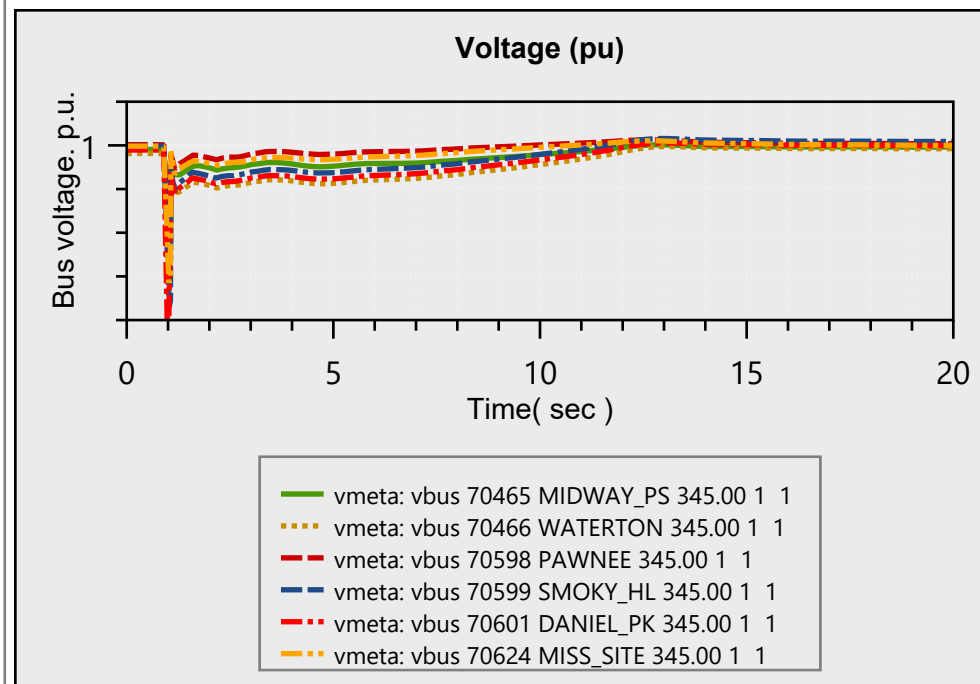
OUTPUTS



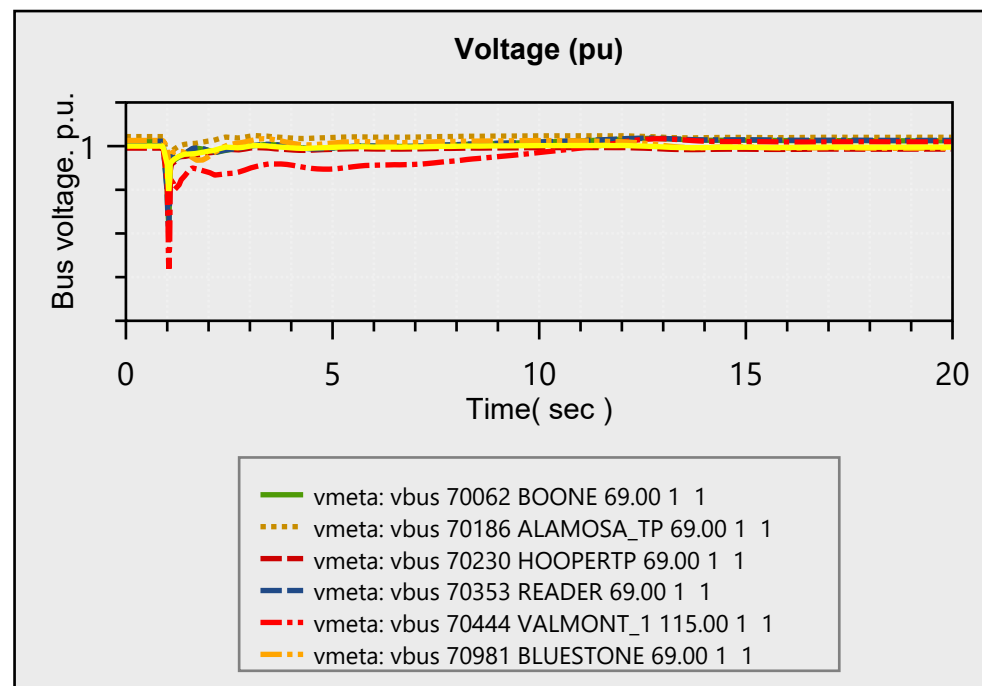
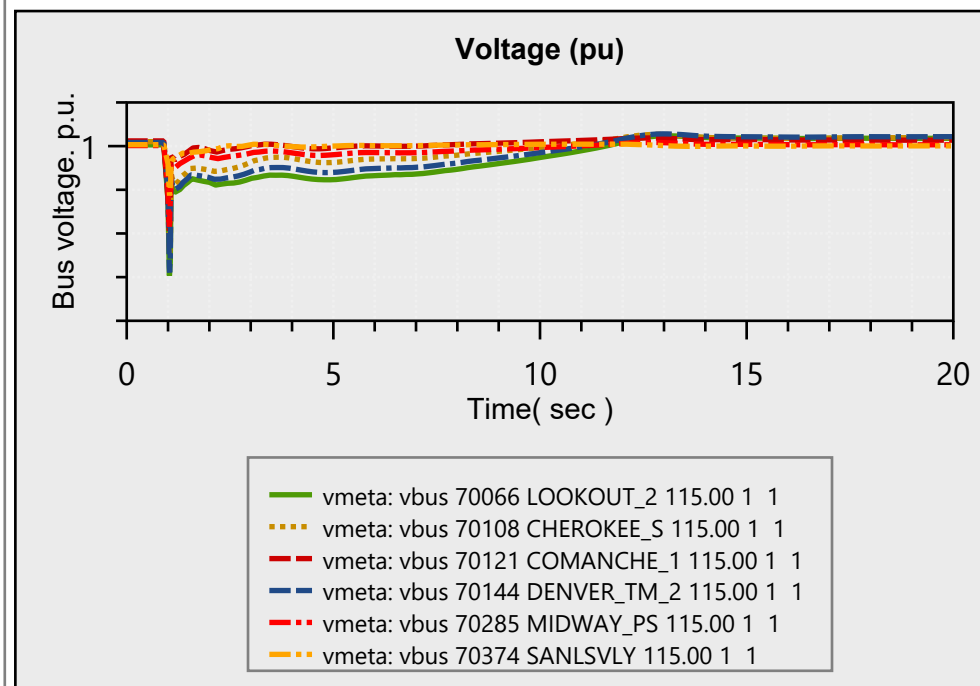
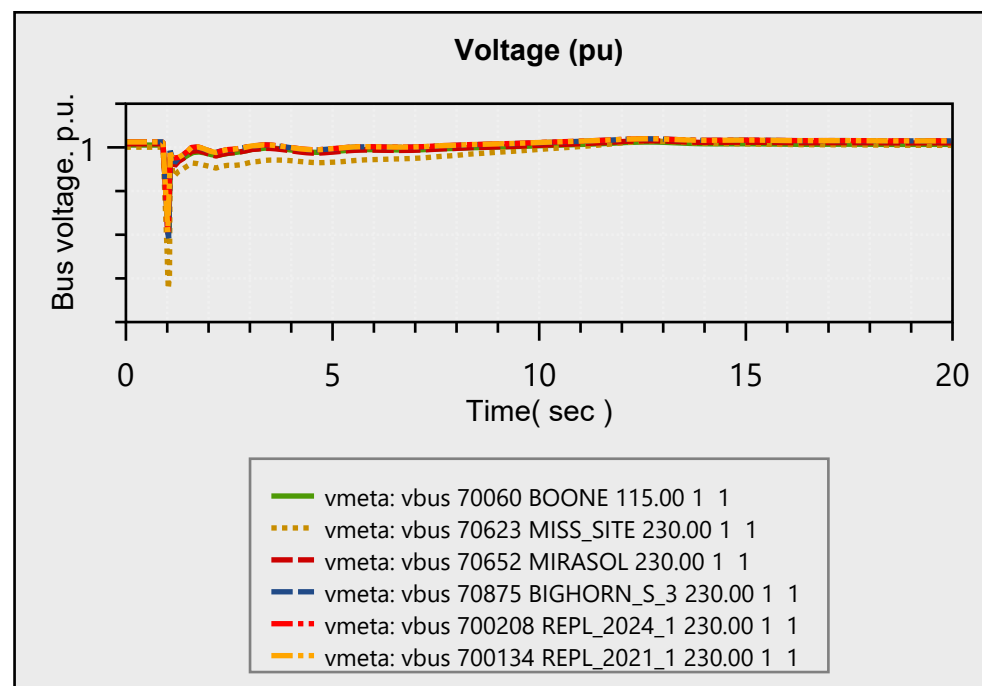
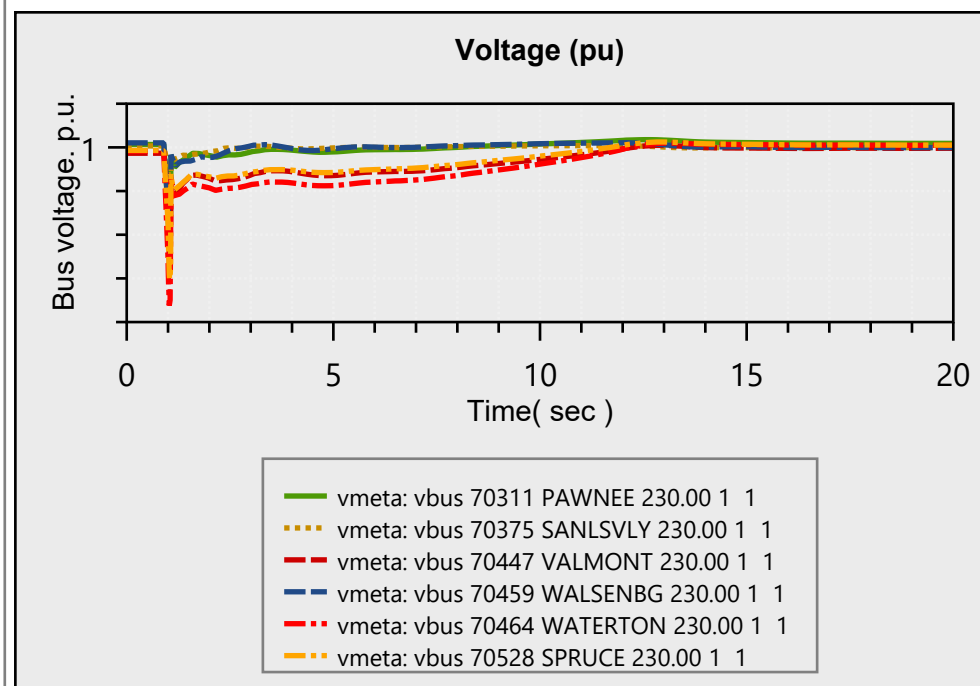
OUTPUTS



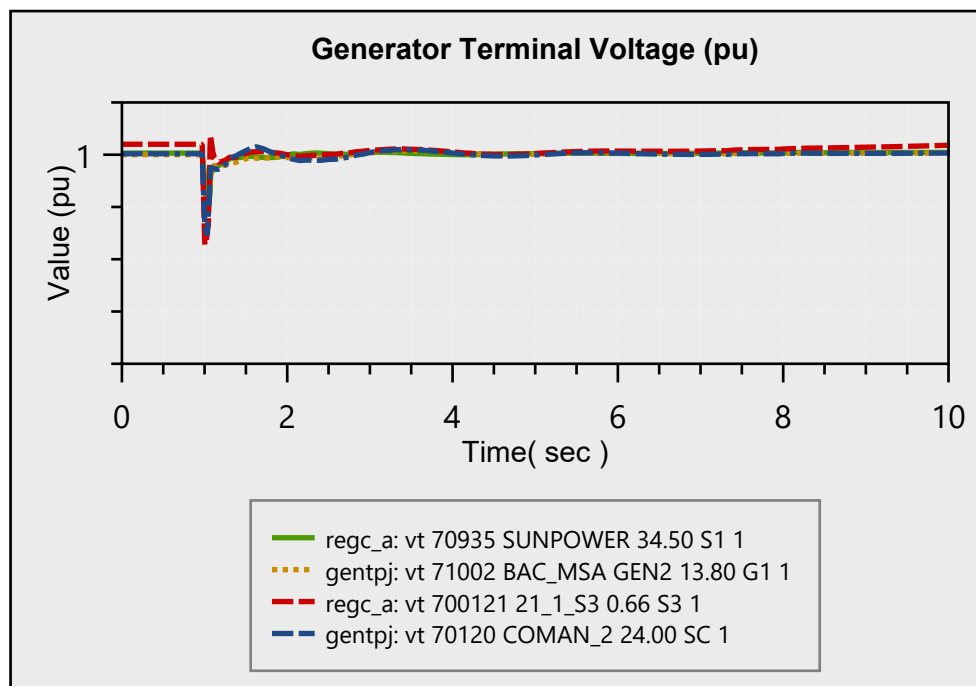
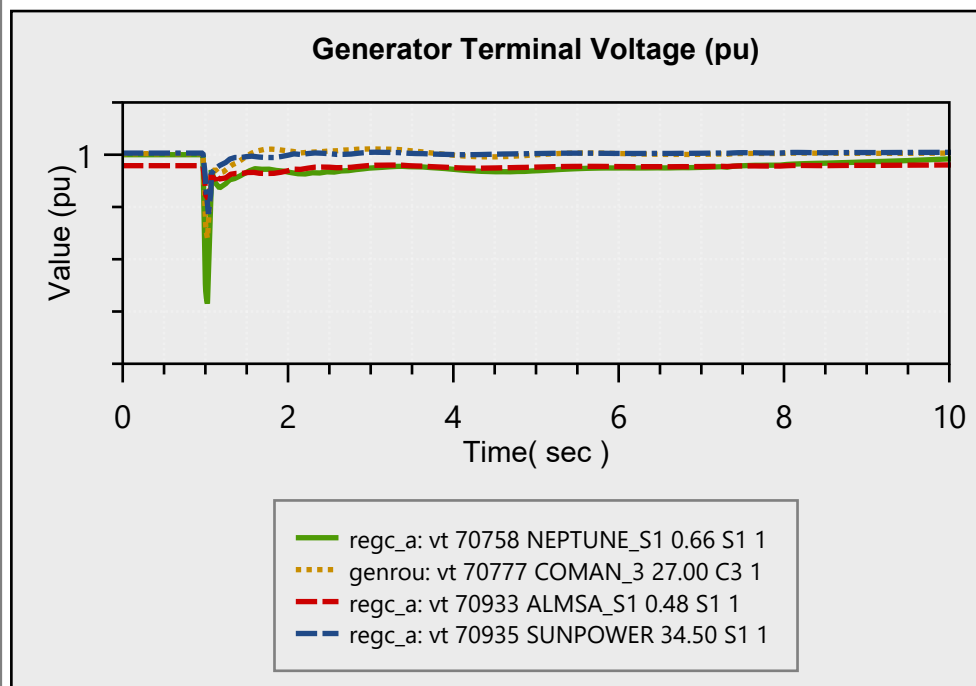
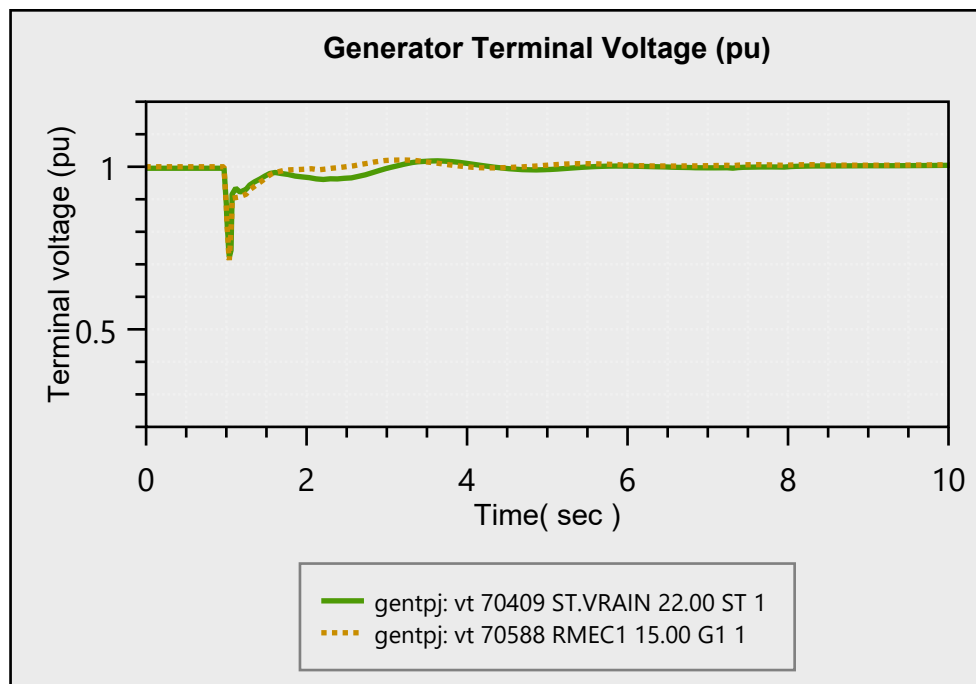
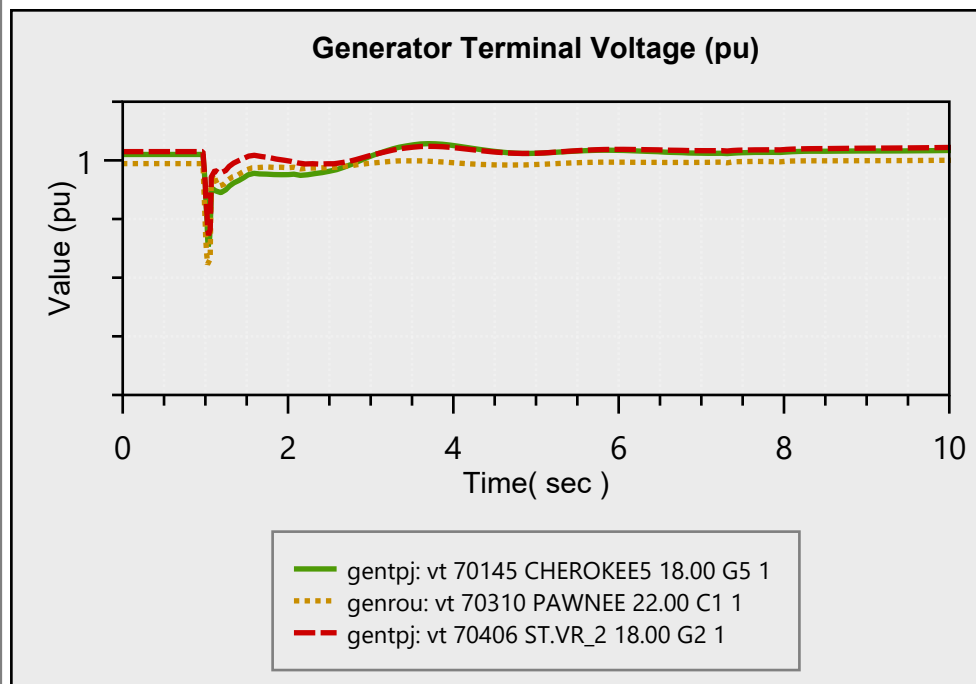
OUTPUTS



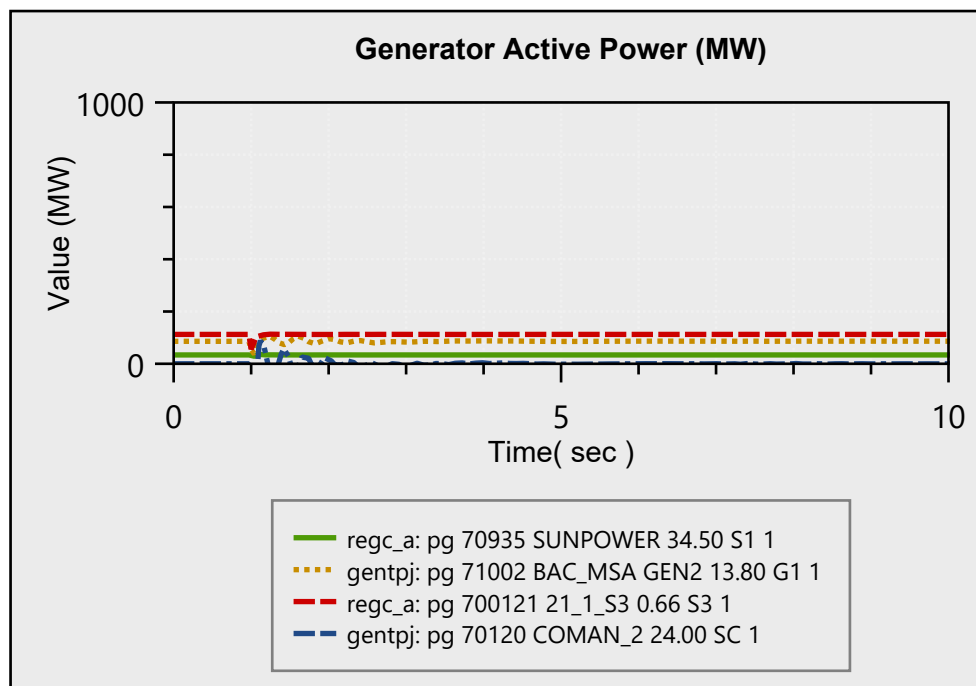
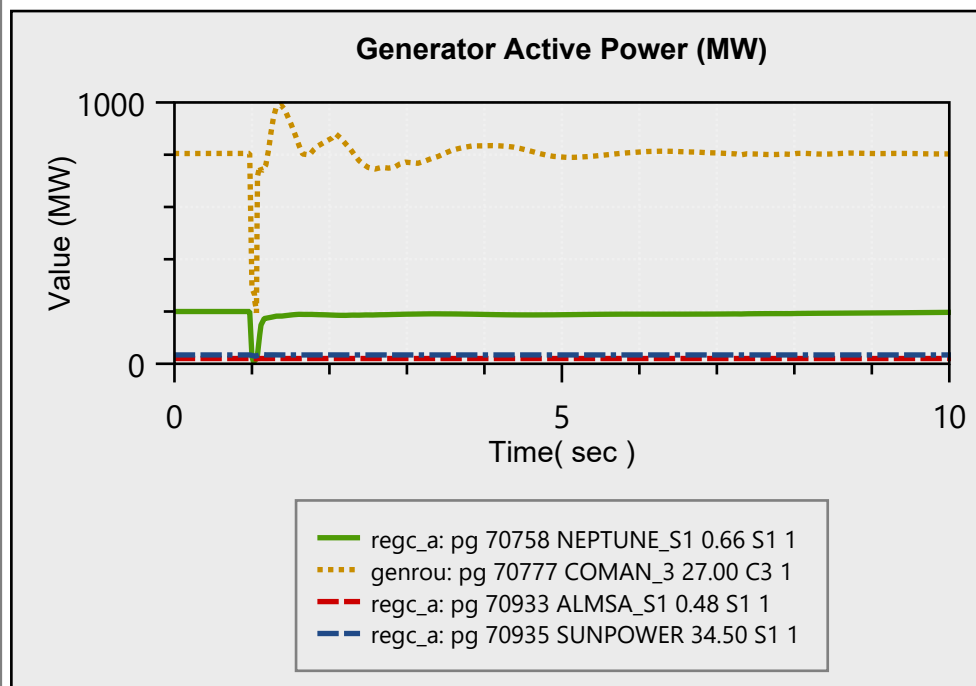
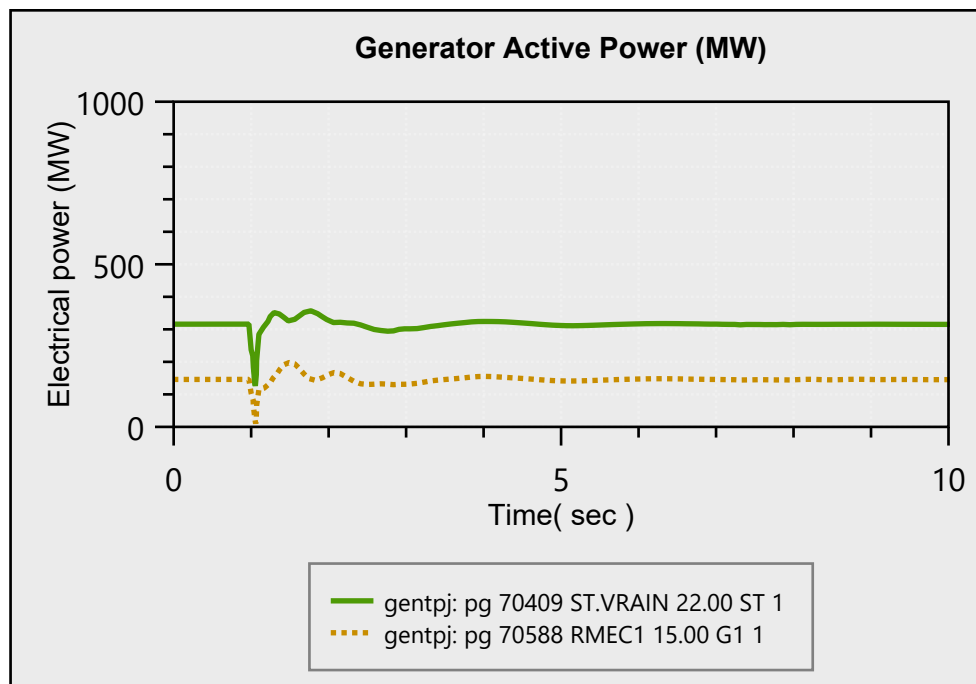
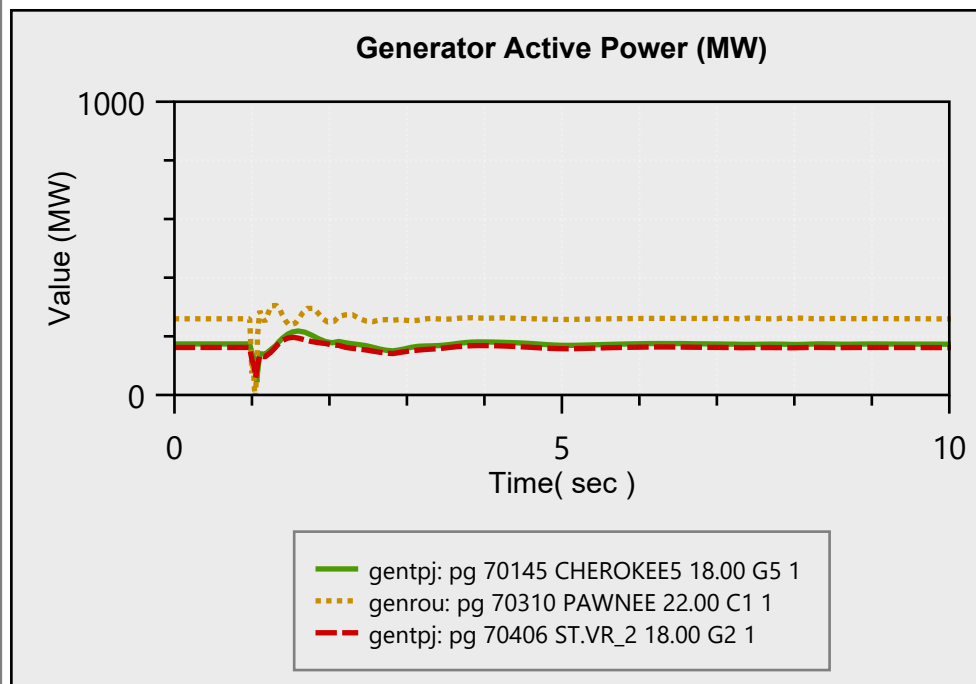
OUTPUTS



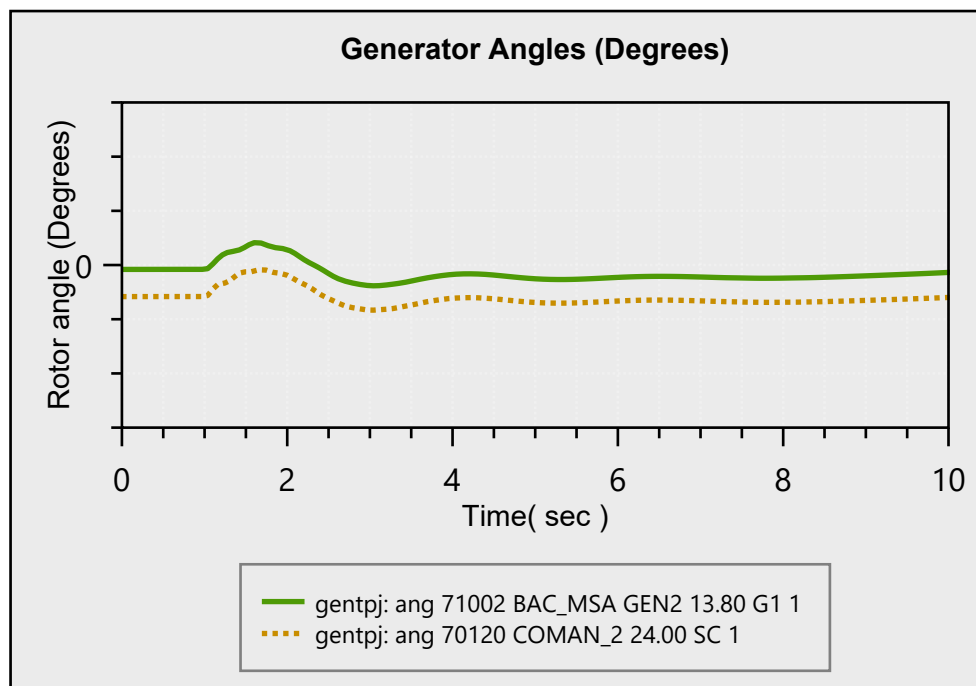
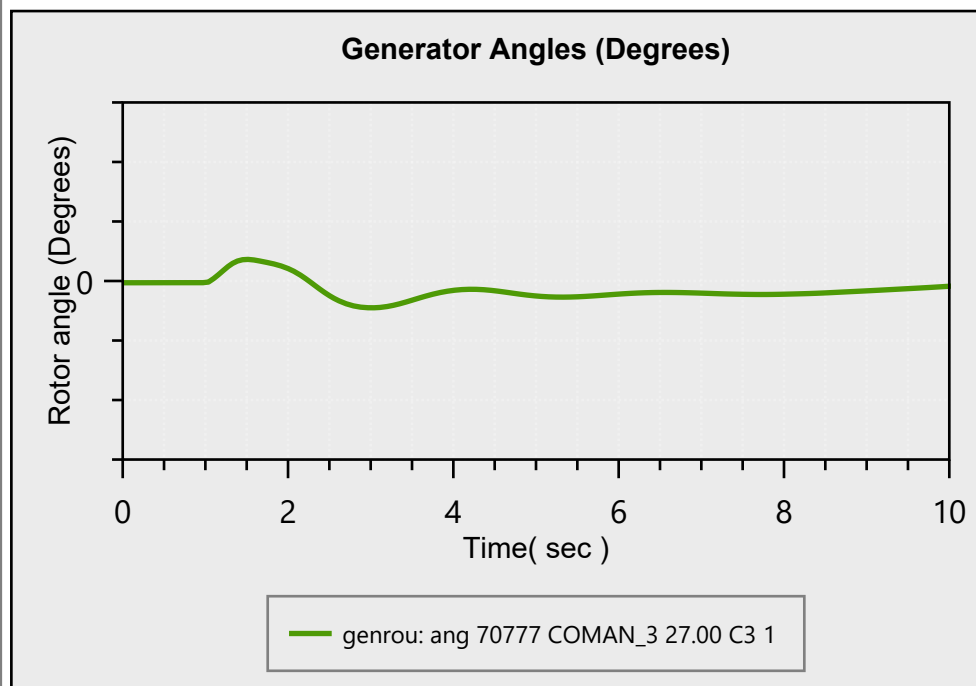
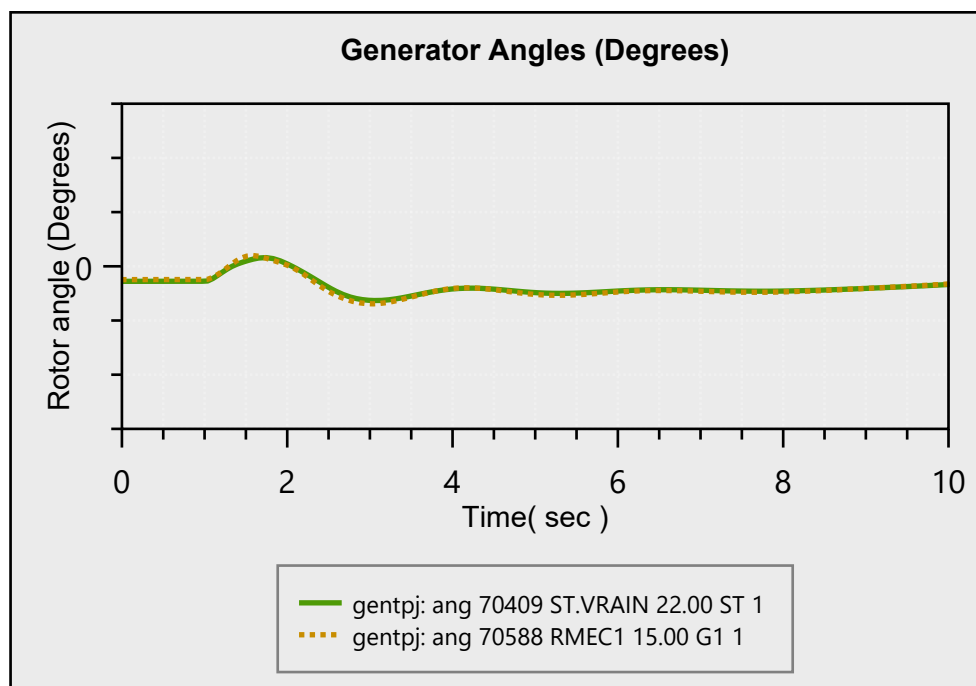
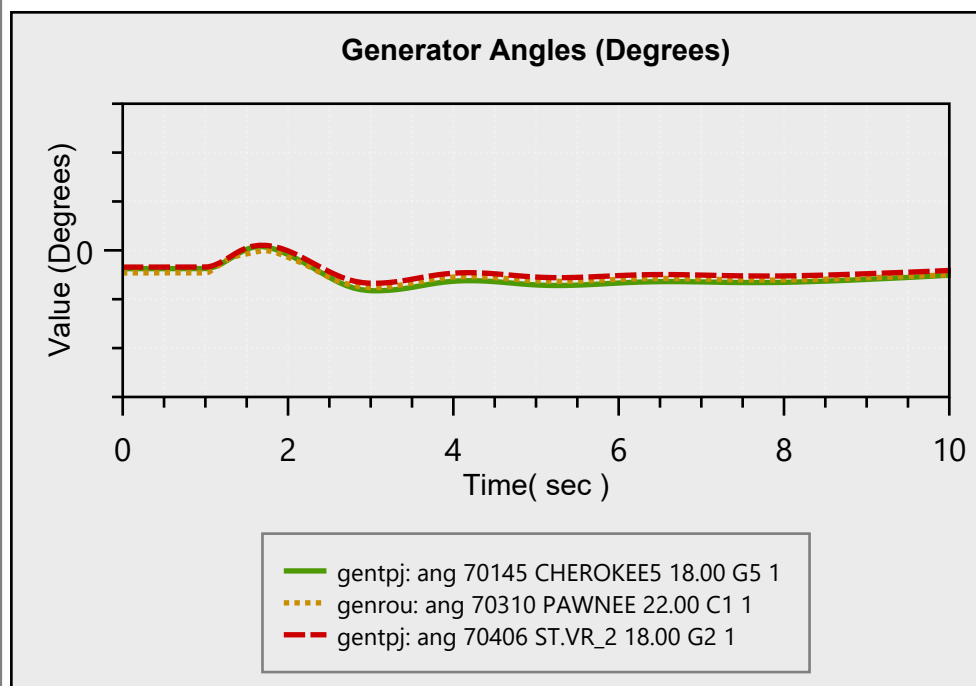
OUTPUTS



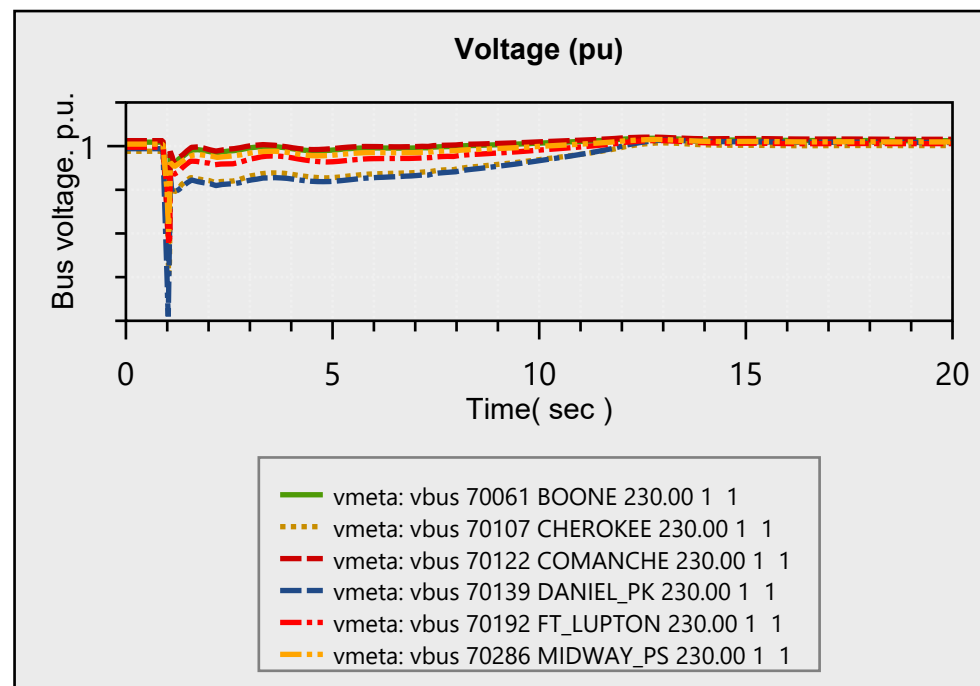
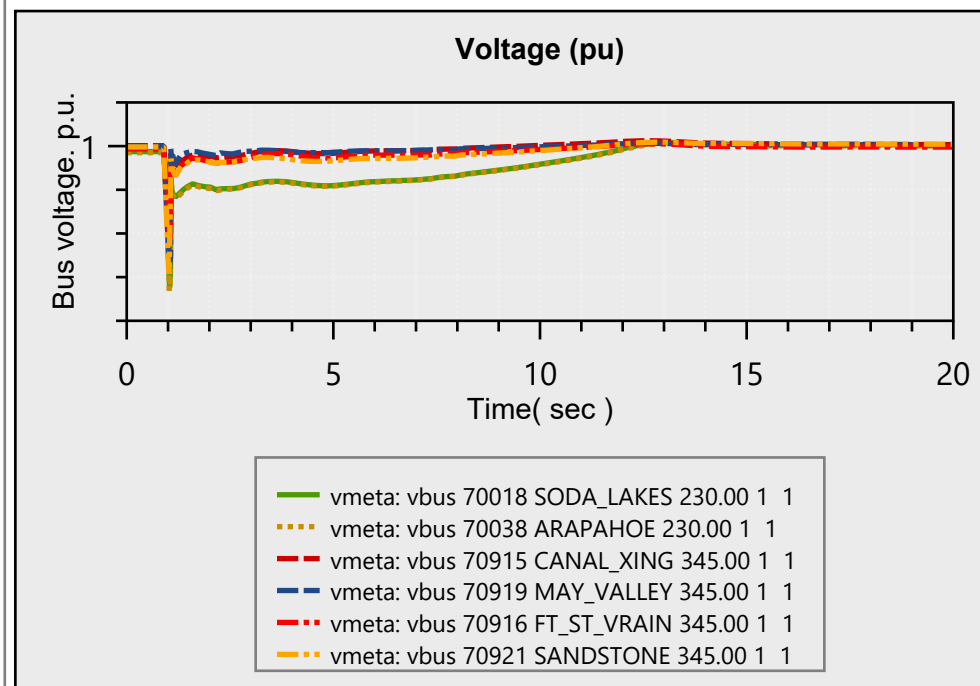
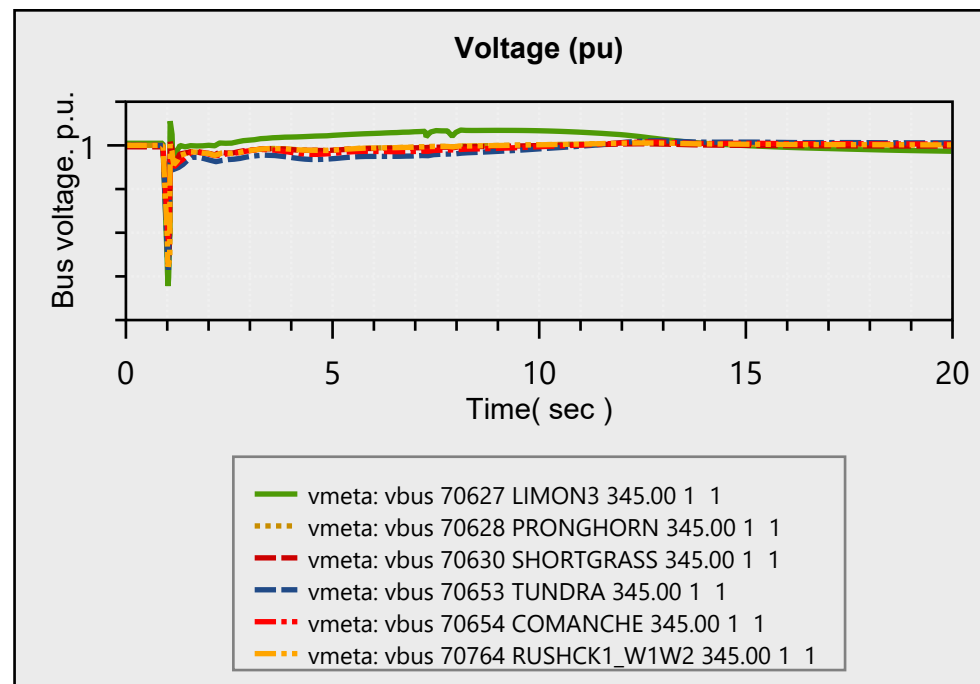
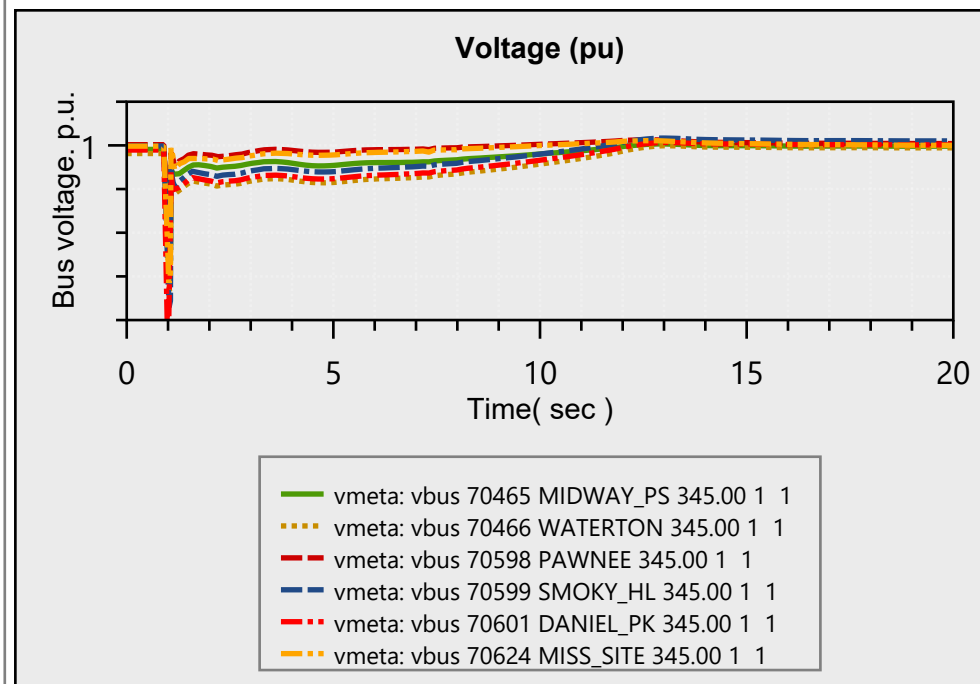
OUTPUTS



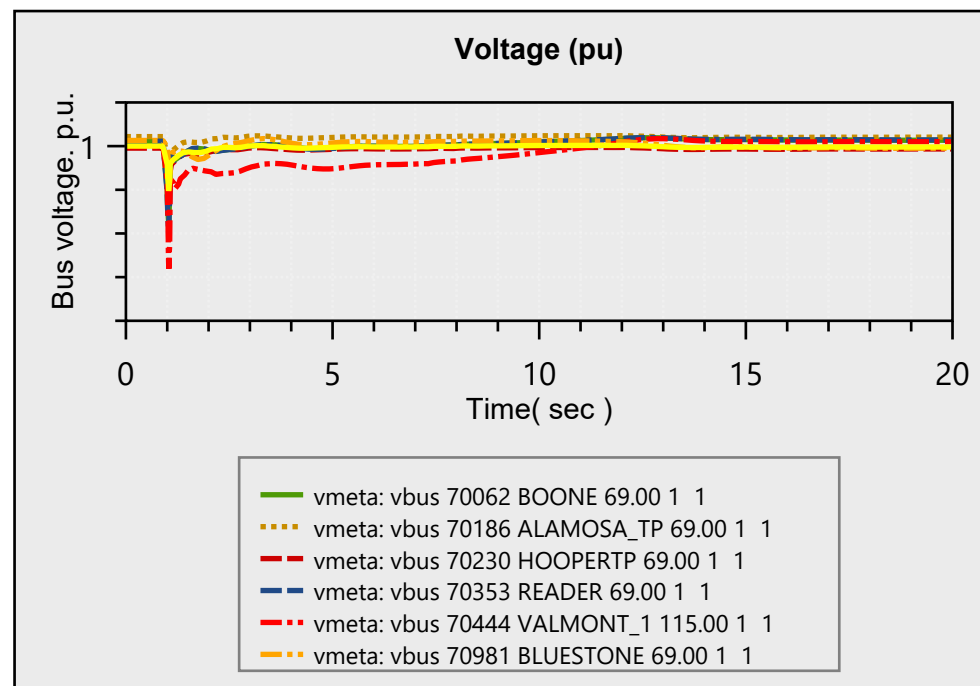
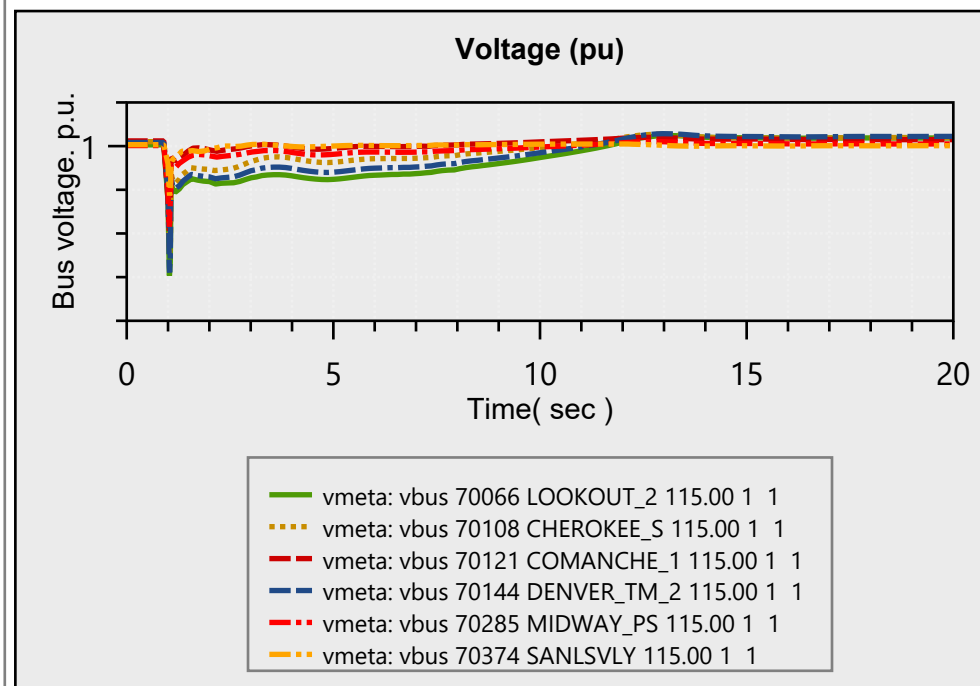
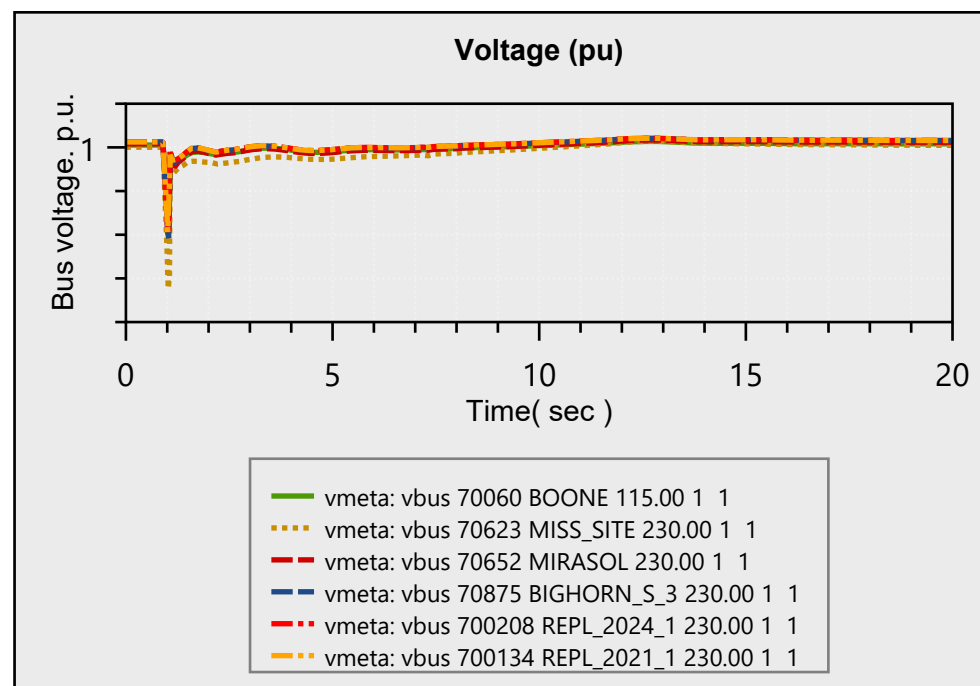
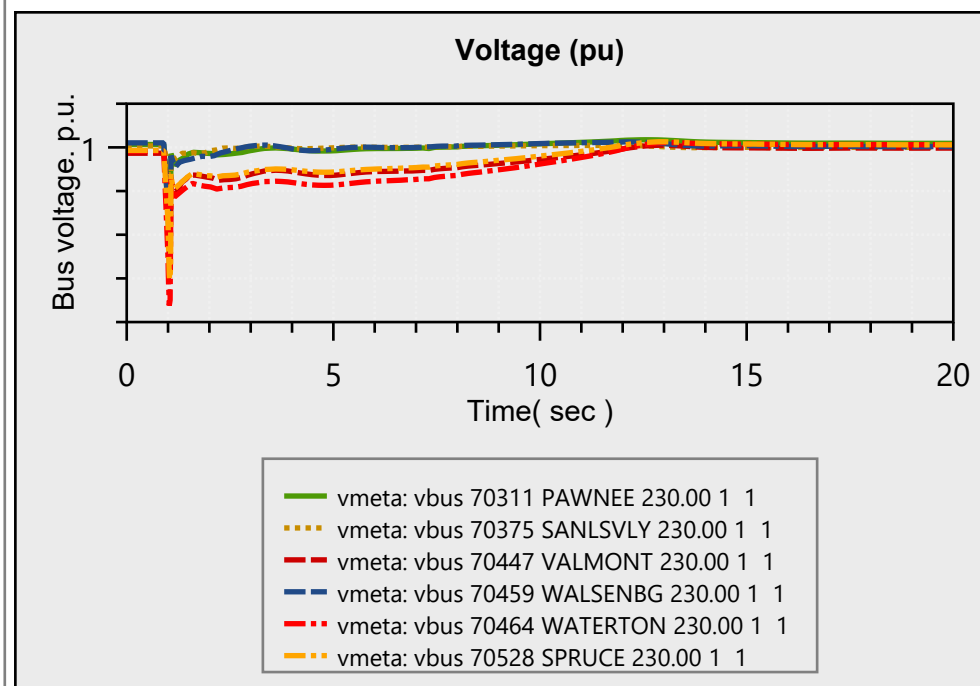
OUTPUTS



OUTPUTS

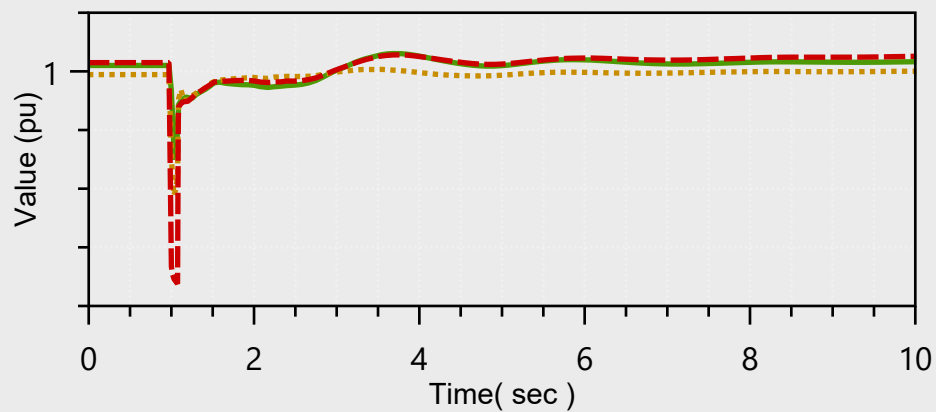


OUTPUTS



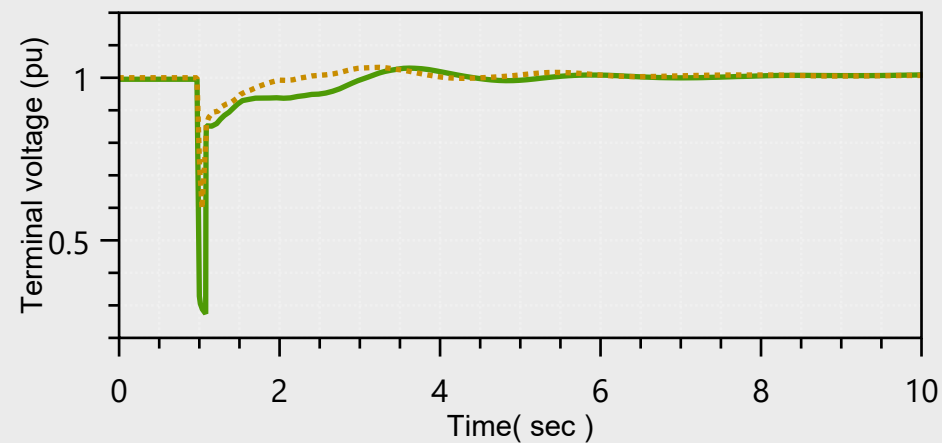
OUTPUTS

Generator Terminal Voltage (pu)



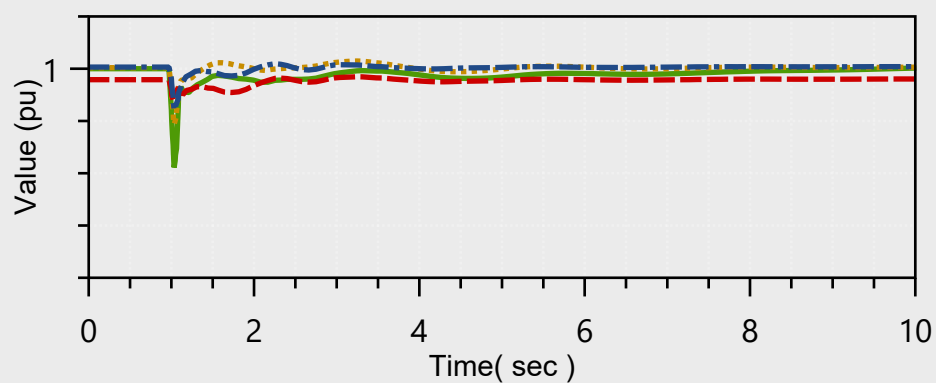
gentpj: vt 70145 CHEROKEE5 18.00 G5 1
 genrou: vt 70310 PAWNEE 22.00 C1 1
 gentpj: vt 70406 ST.VR_2 18.00 G2 1

Generator Terminal Voltage (pu)



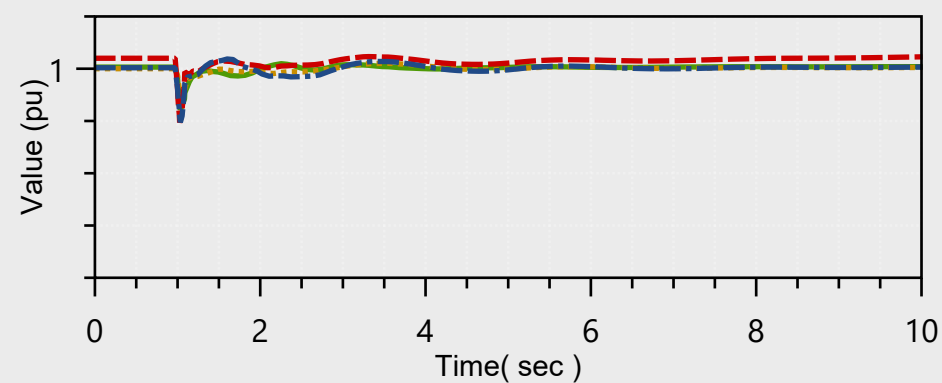
gentpj: vt 70409 ST.VRAIN 22.00 ST 1
 gentpj: vt 70588 RMEC1 15.00 G1 1

Generator Terminal Voltage (pu)



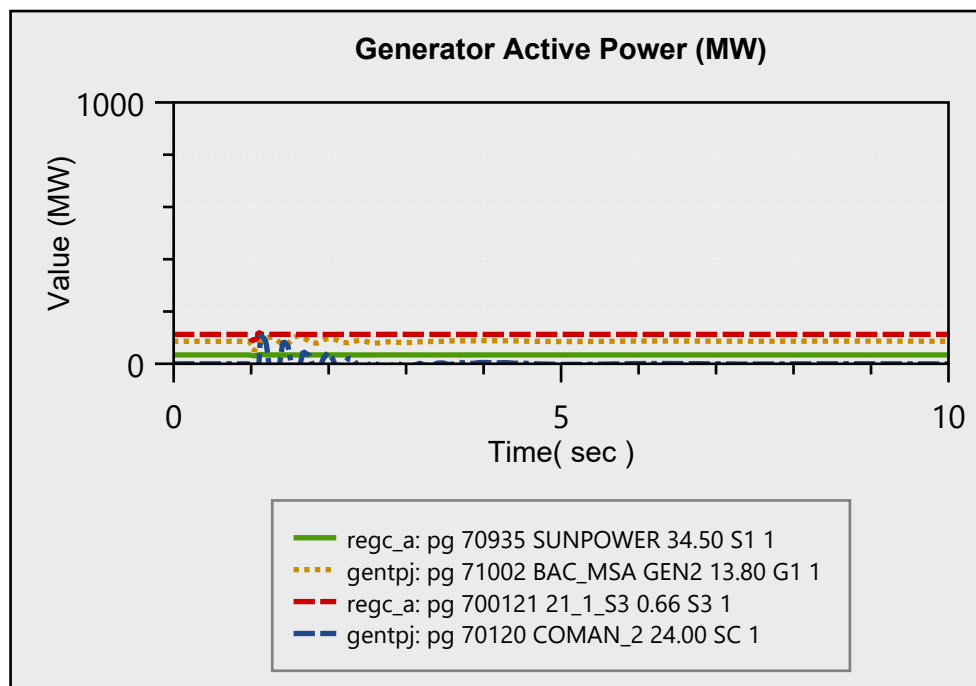
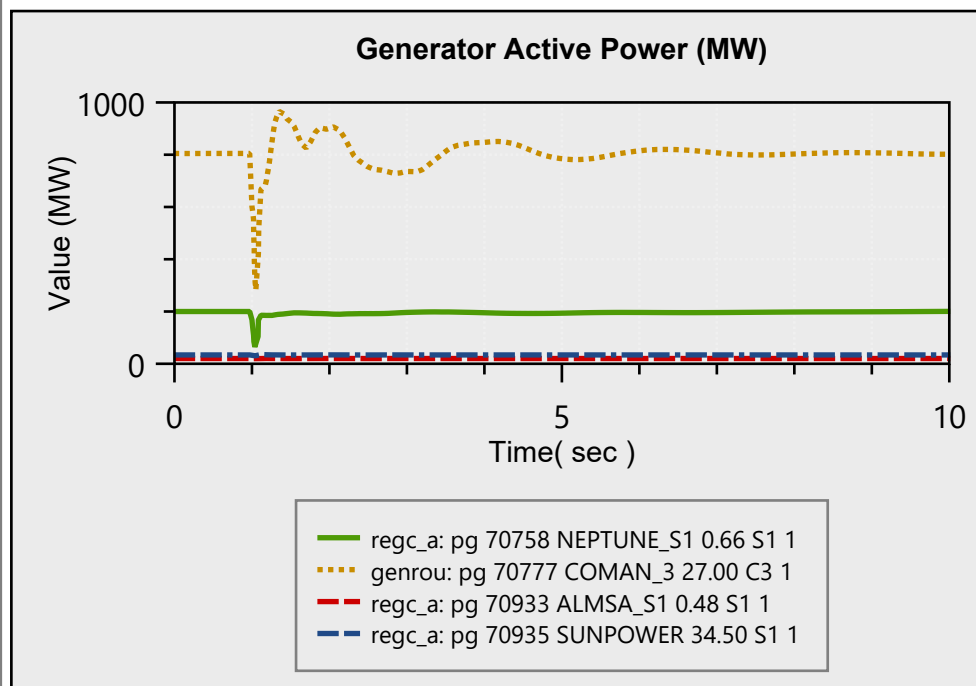
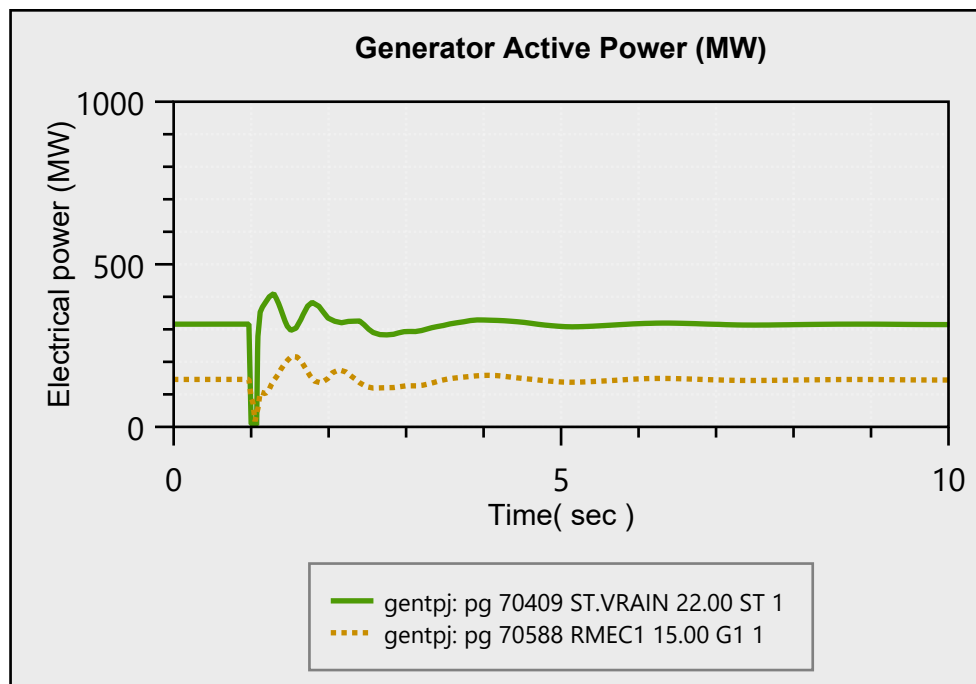
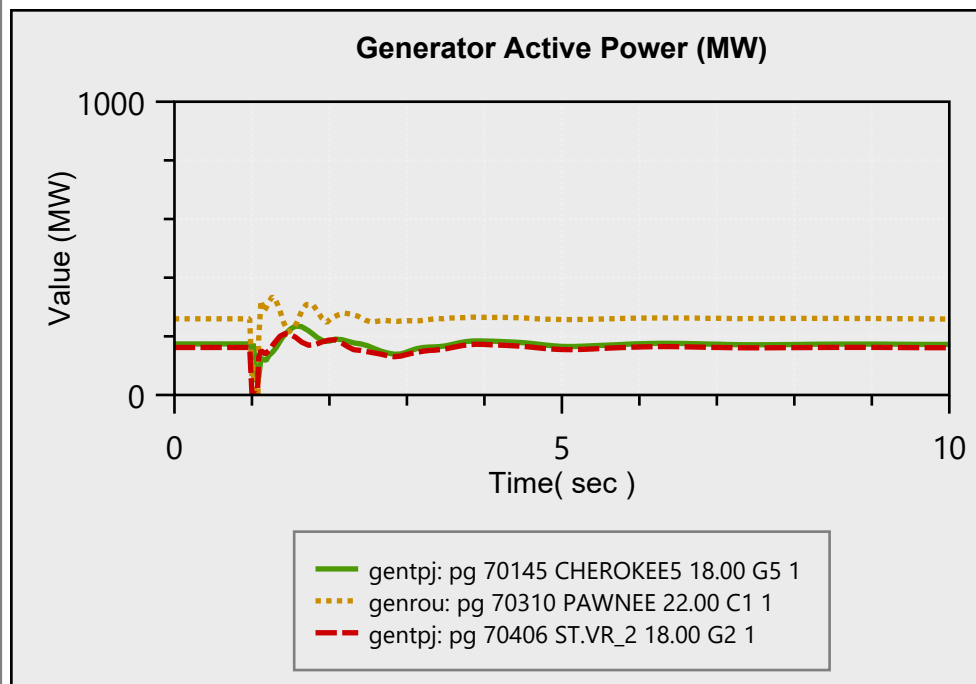
regc_a: vt 70758 NEPTUNE_S1 0.66 S1 1
 genrou: vt 70777 COMAN_3 27.00 C3 1
 regc_a: vt 70933 ALMSA_S1 0.48 S1 1
 regc_a: vt 70935 SUNPOWER 34.50 S1 1

Generator Terminal Voltage (pu)

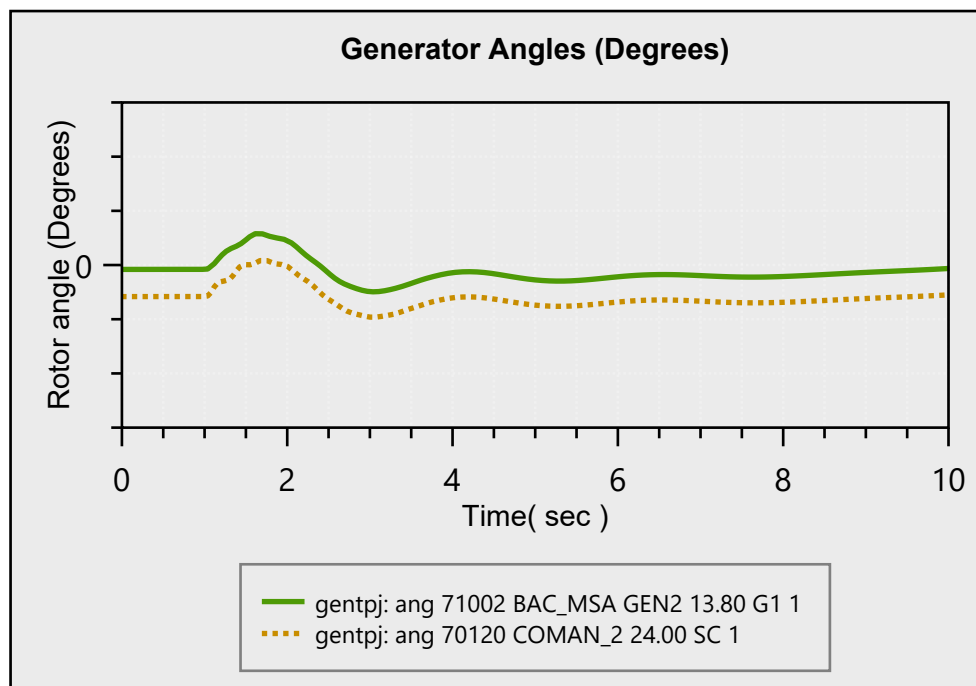
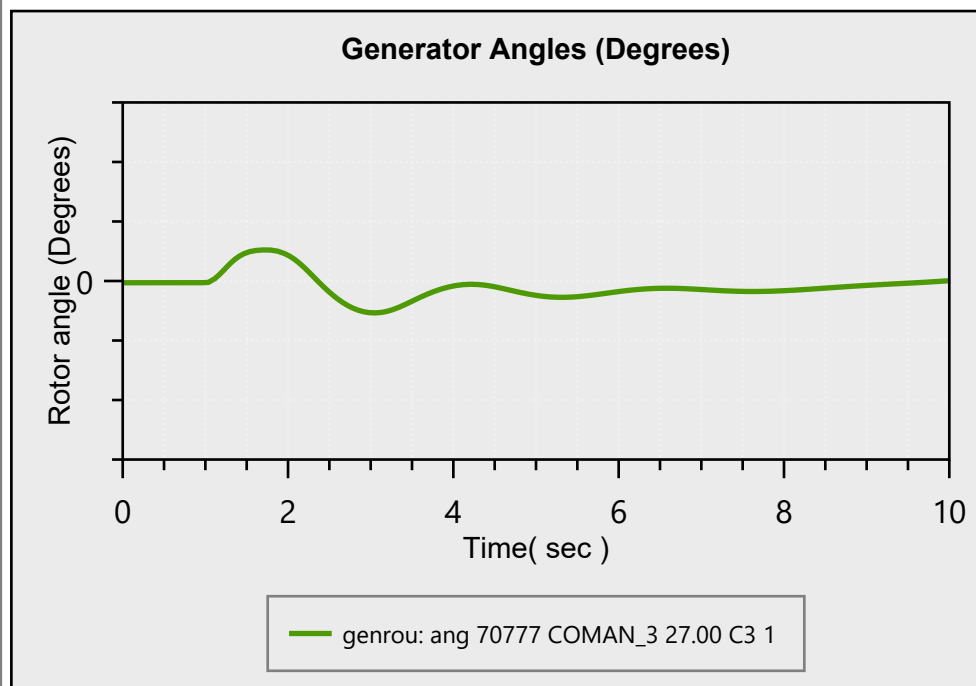
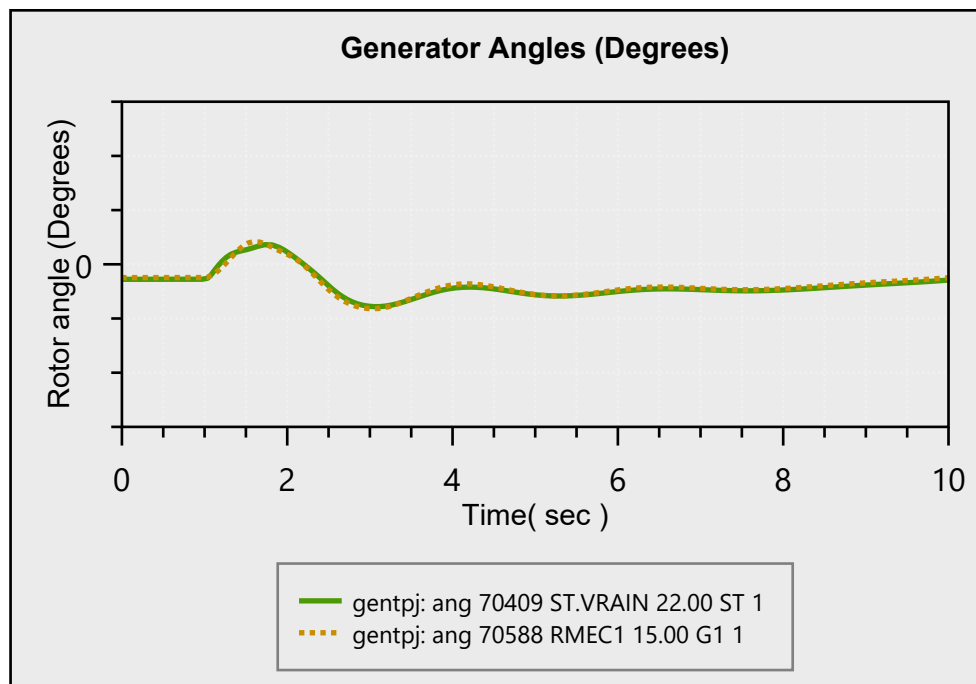
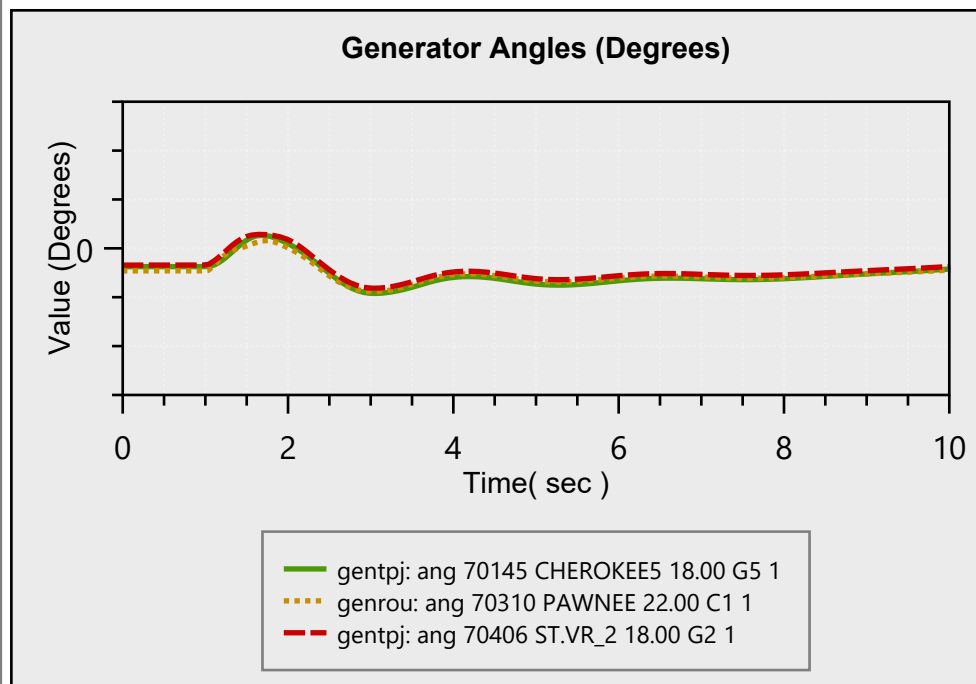


regc_a: vt 70935 SUNPOWER 34.50 S1 1
 gentpj: vt 71002 BAC_MSA GEN2 13.80 G1 1
 regc_a: vt 700121 21_1_S3 0.66 S3 1
 gentpj: vt 70120 COMAN_2 24.00 SC 1

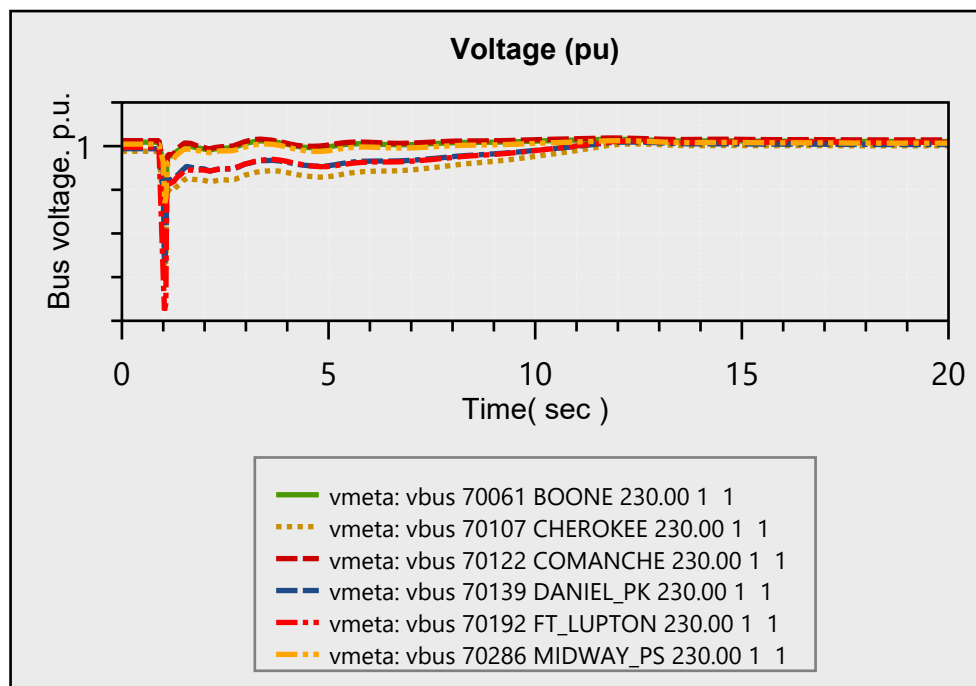
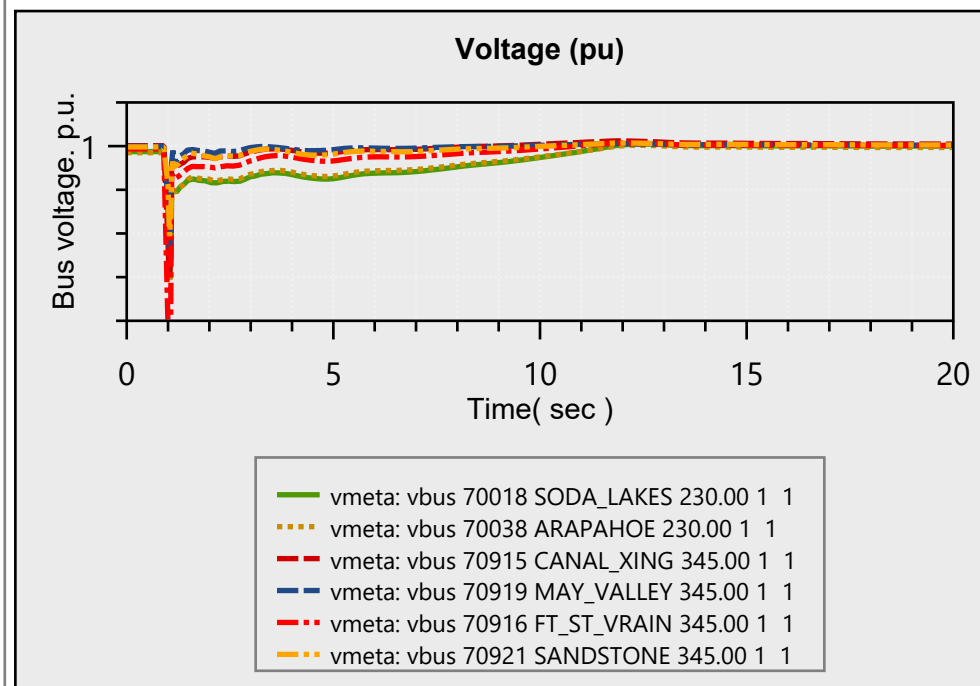
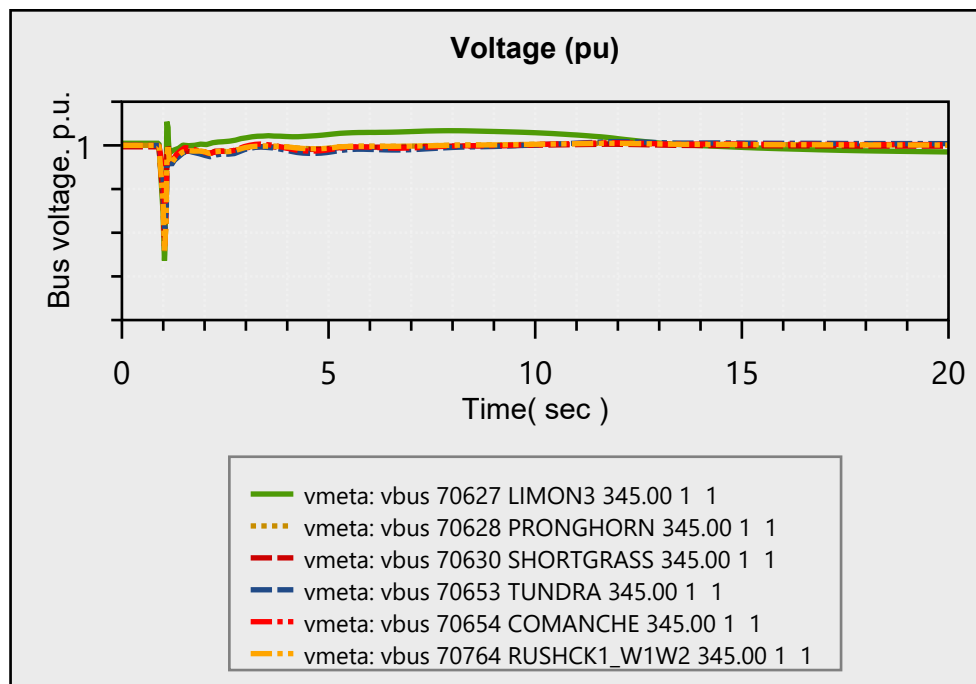
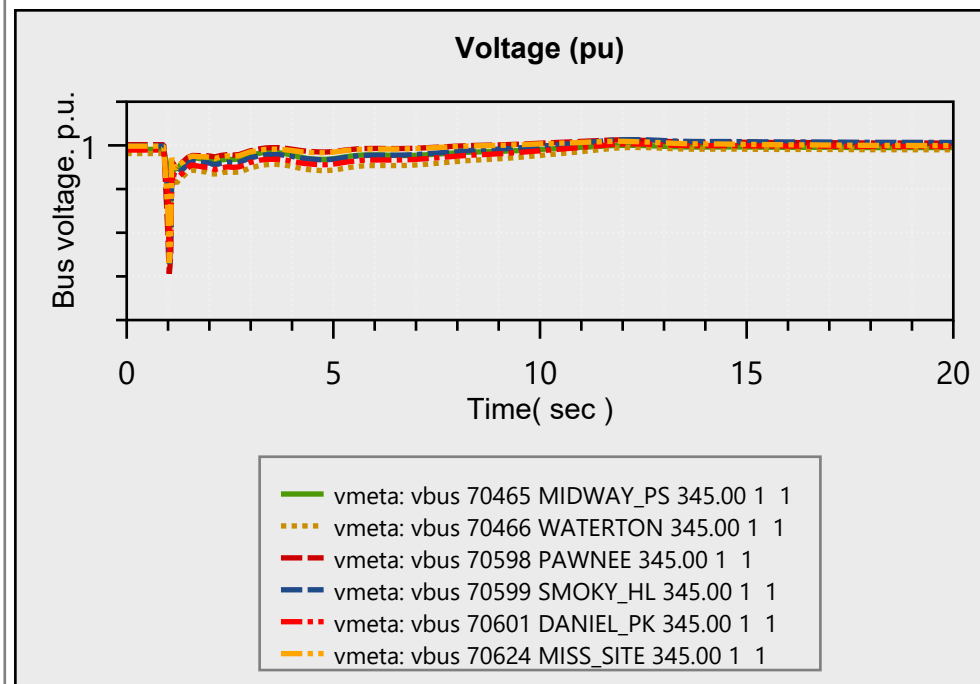
OUTPUTS



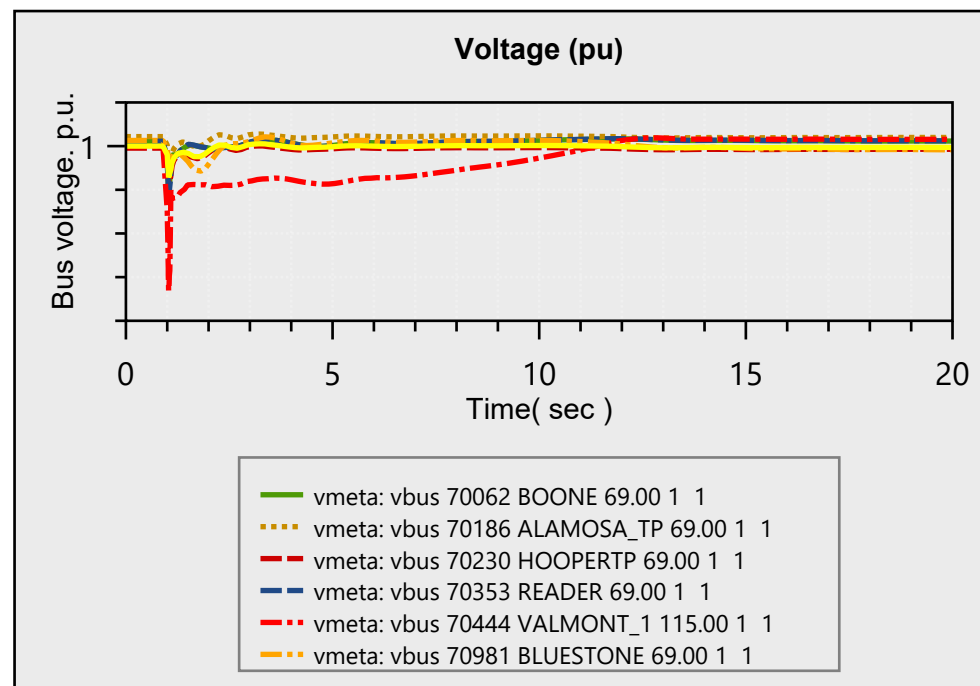
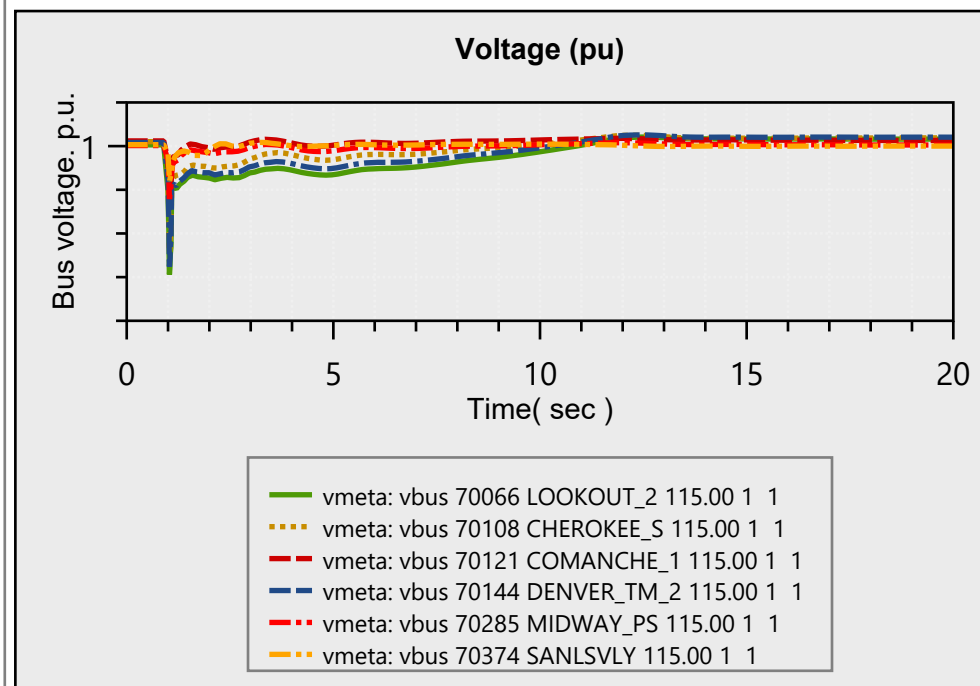
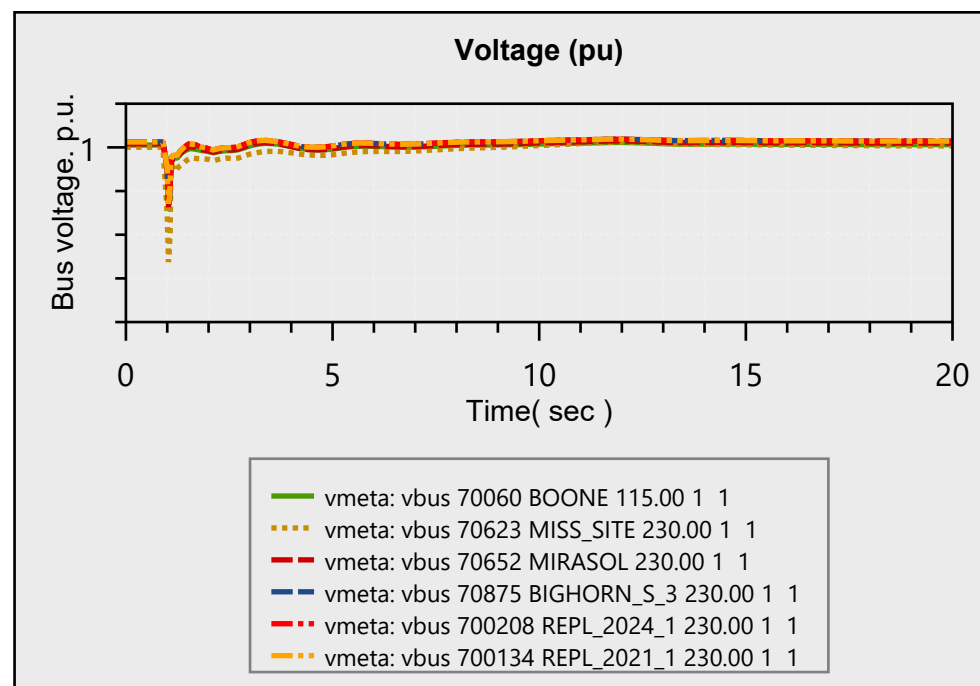
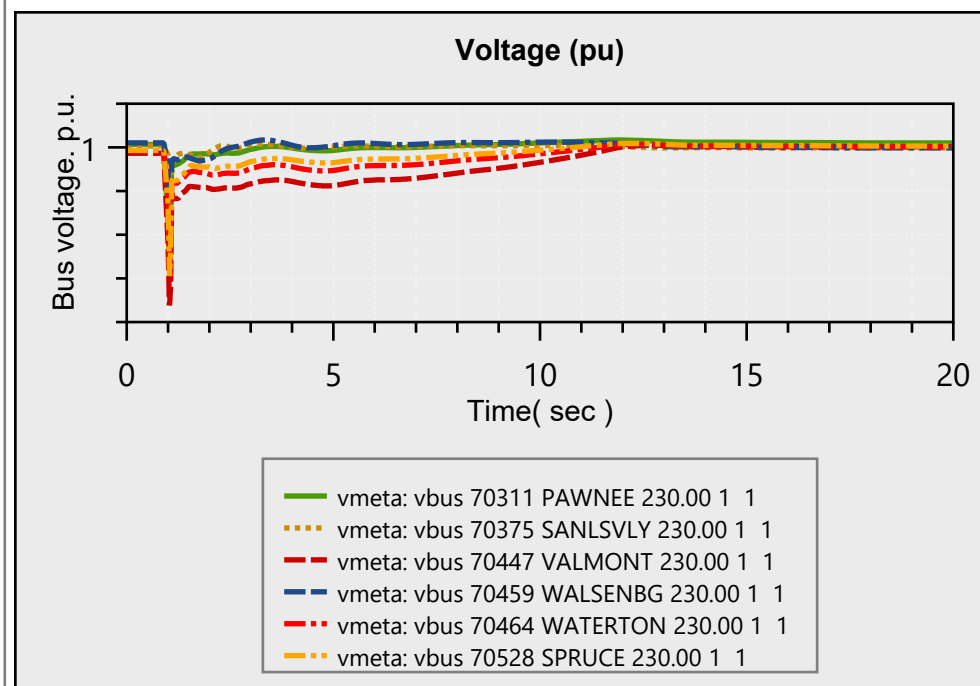
OUTPUTS



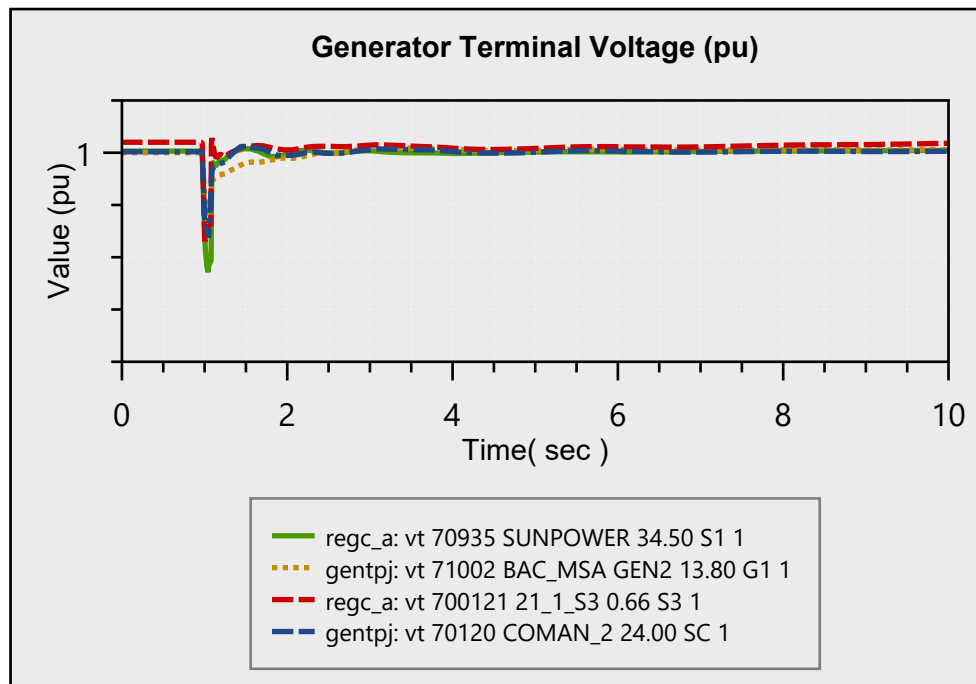
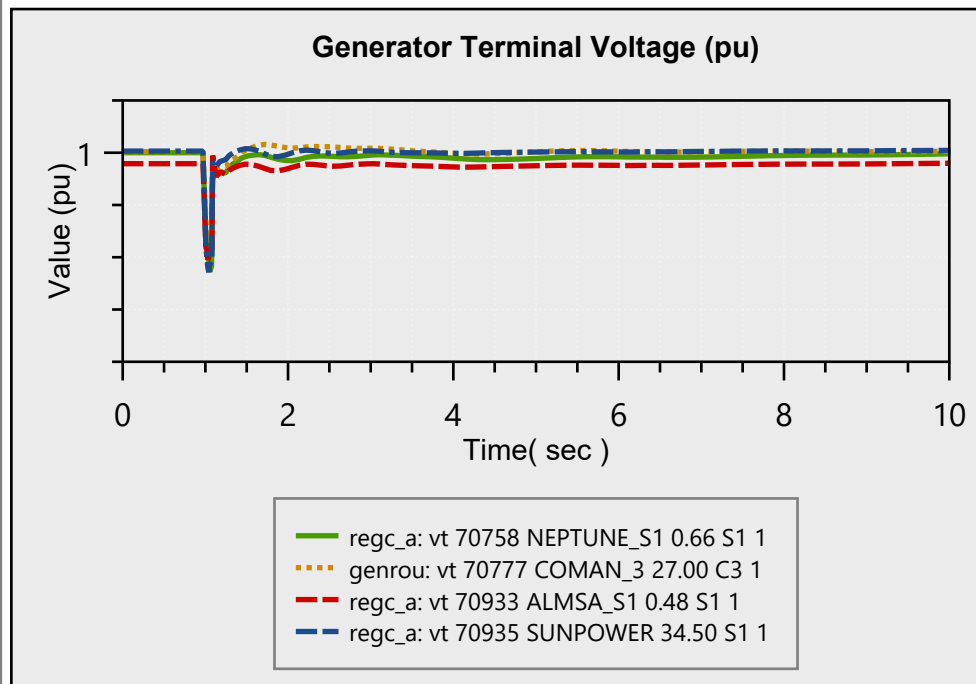
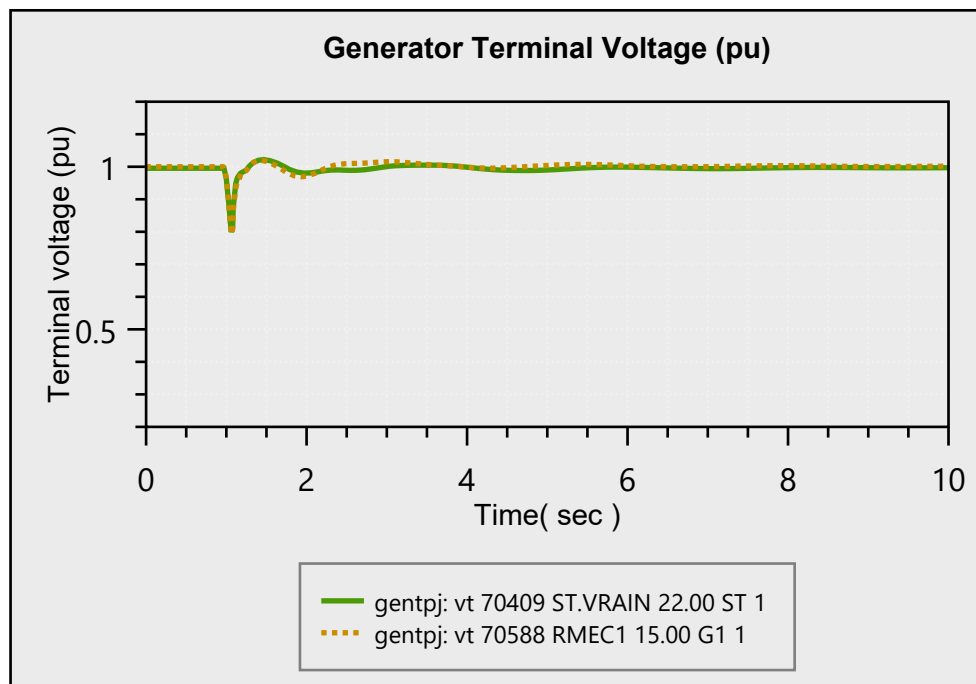
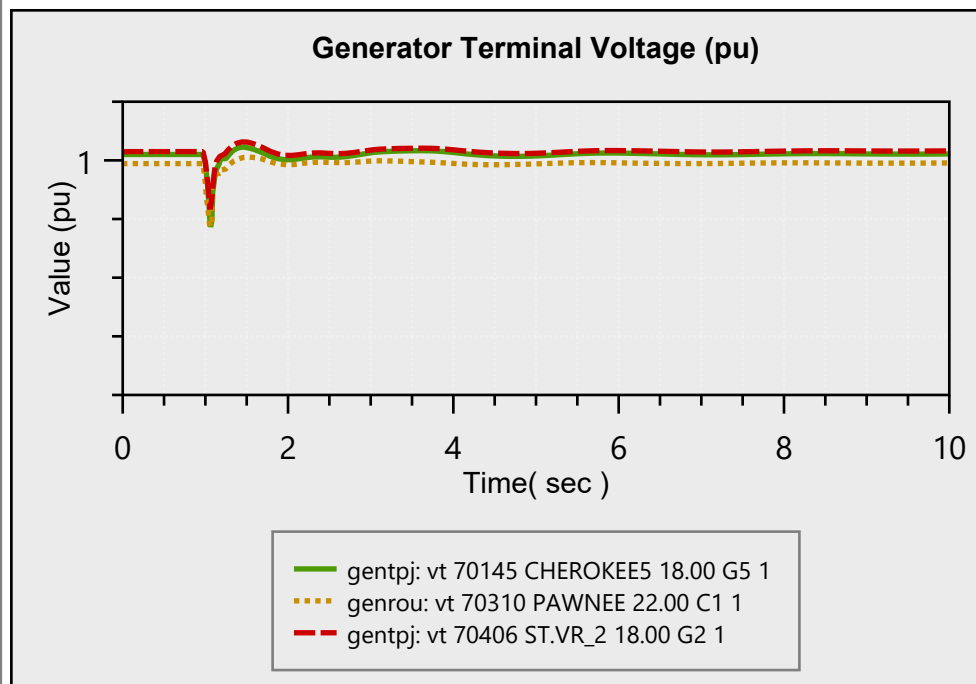
OUTPUTS



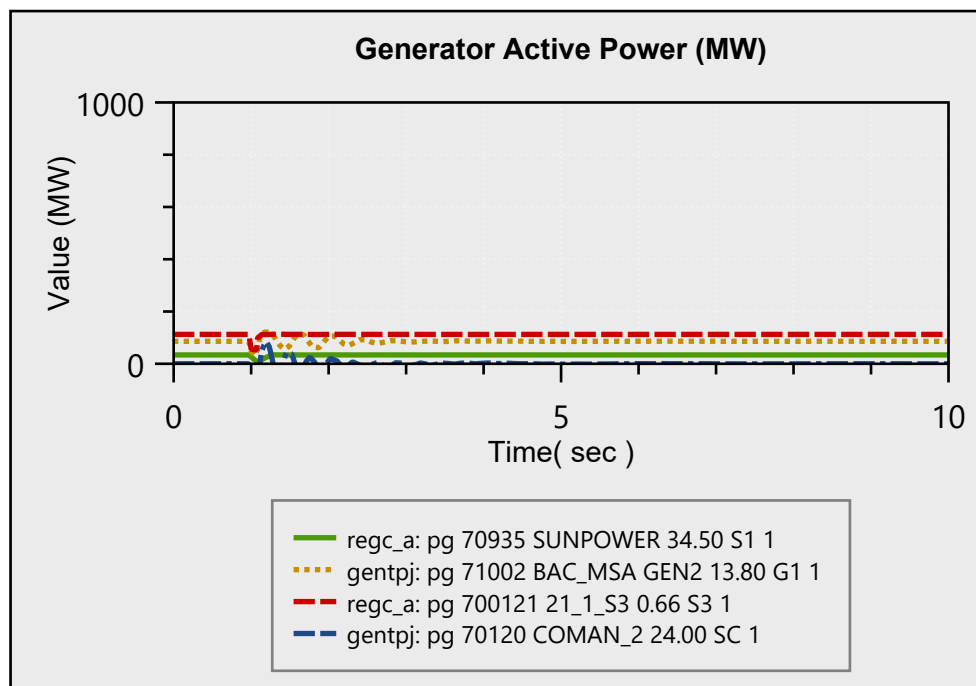
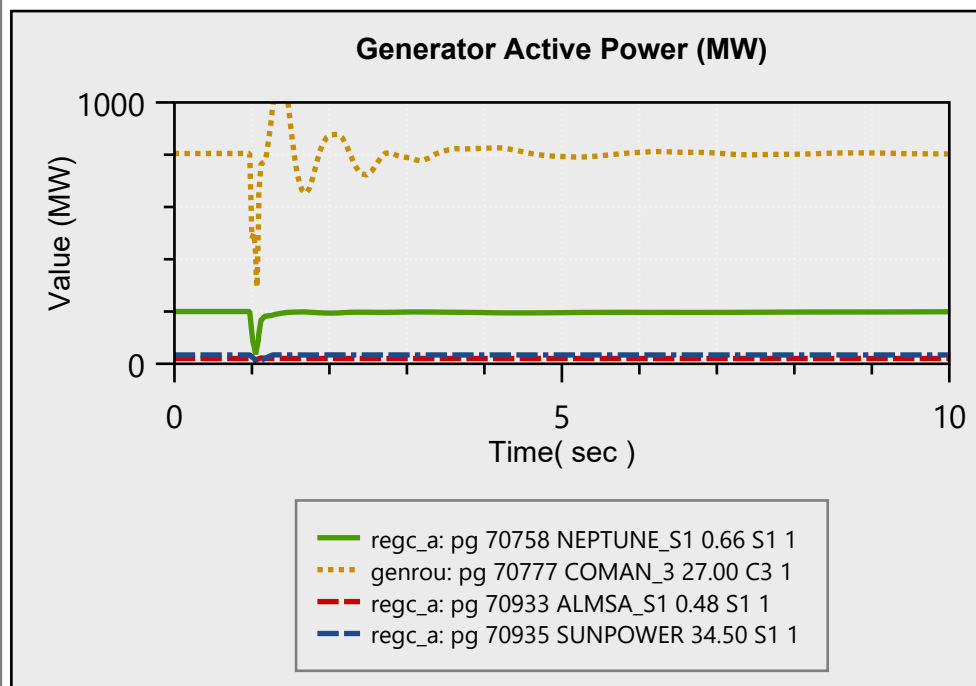
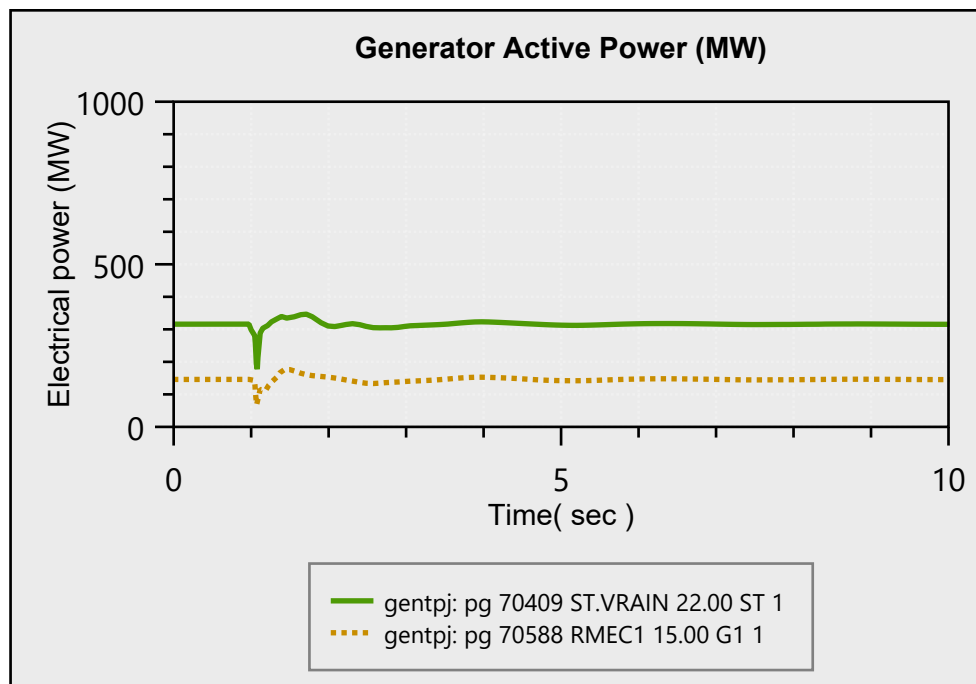
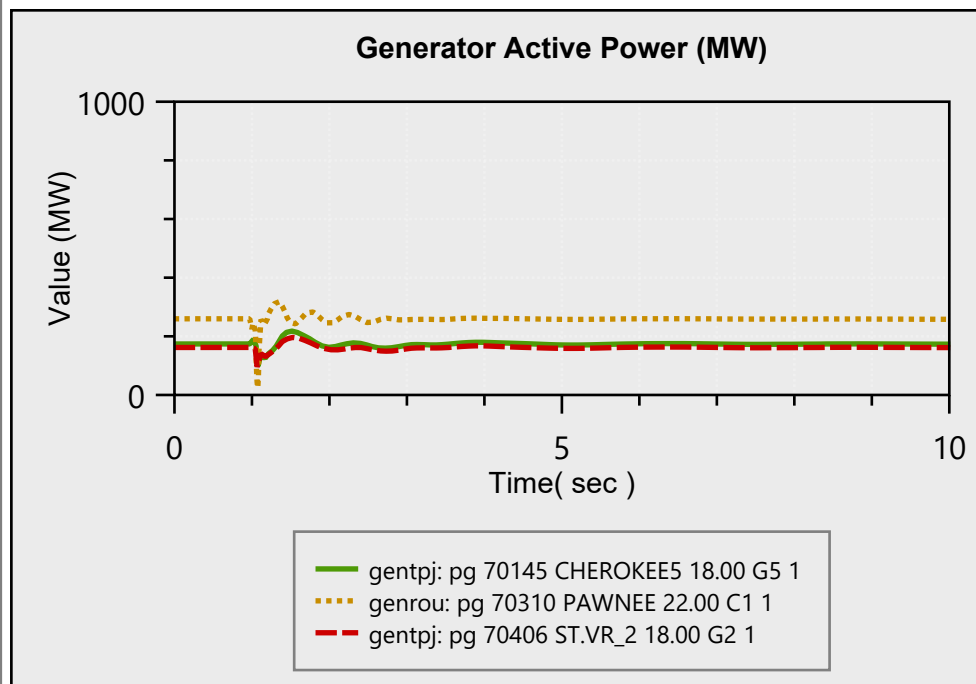
OUTPUTS



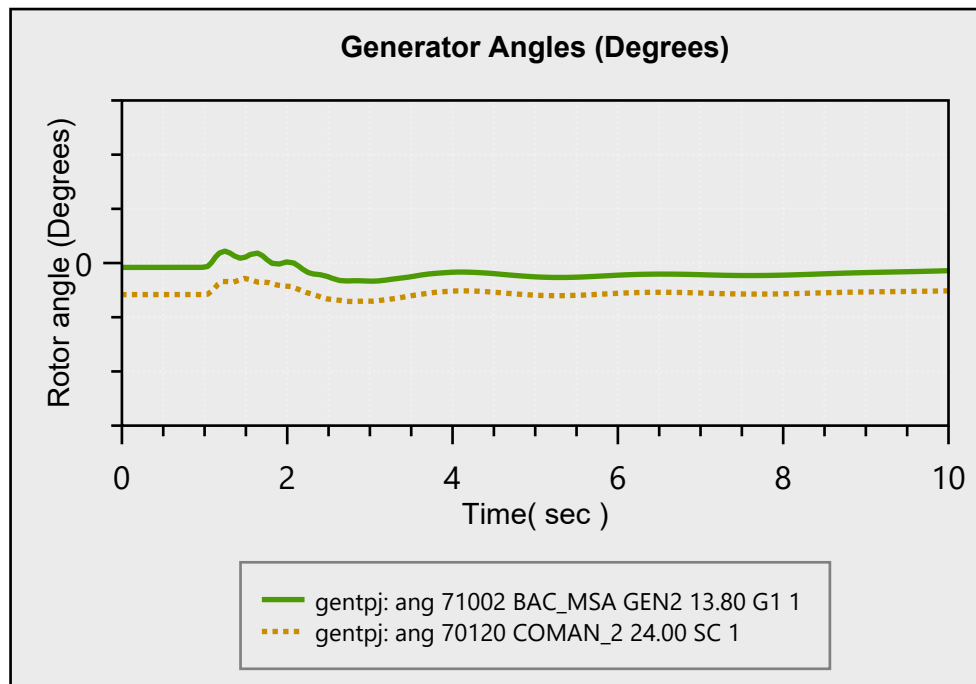
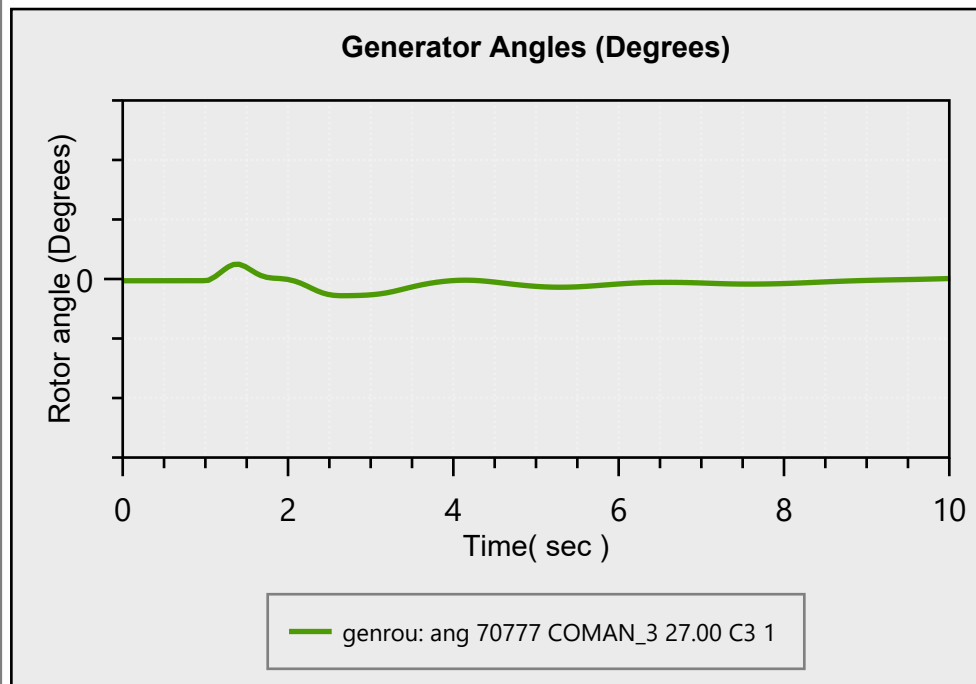
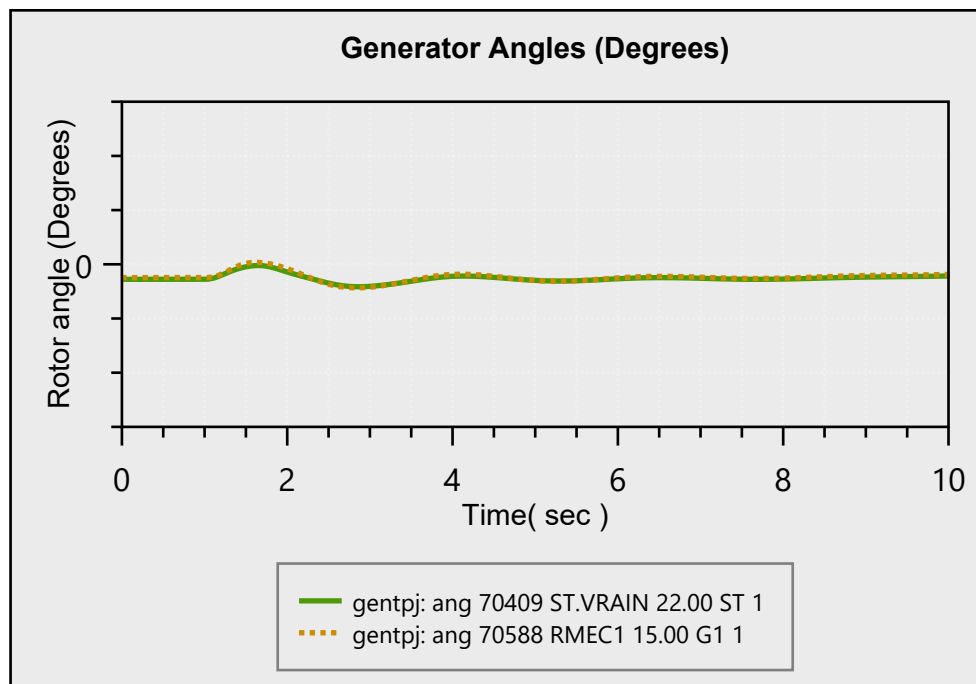
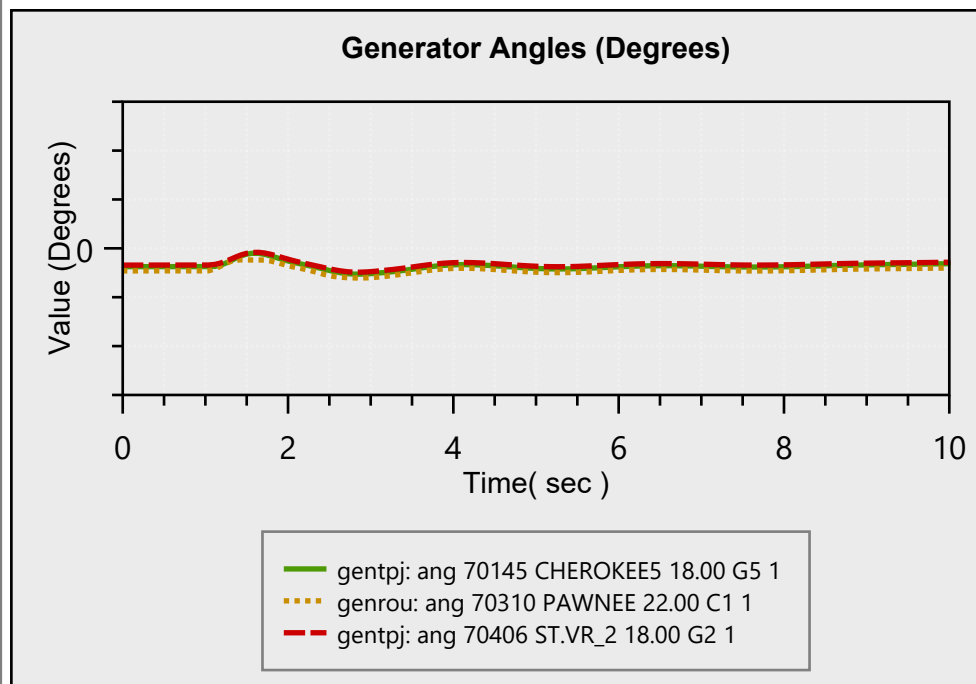
OUTPUTS



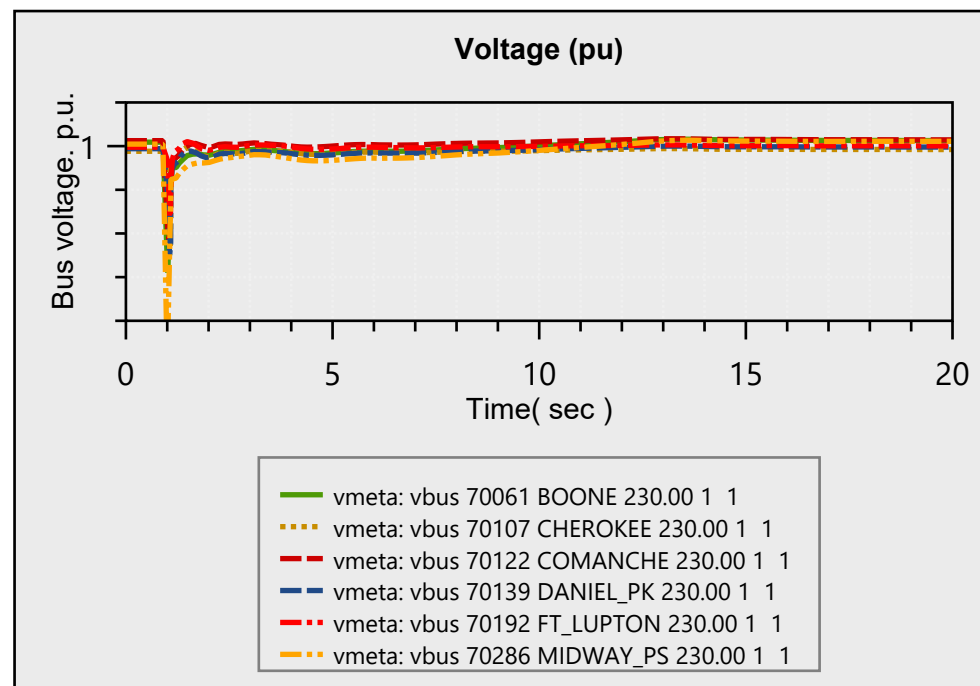
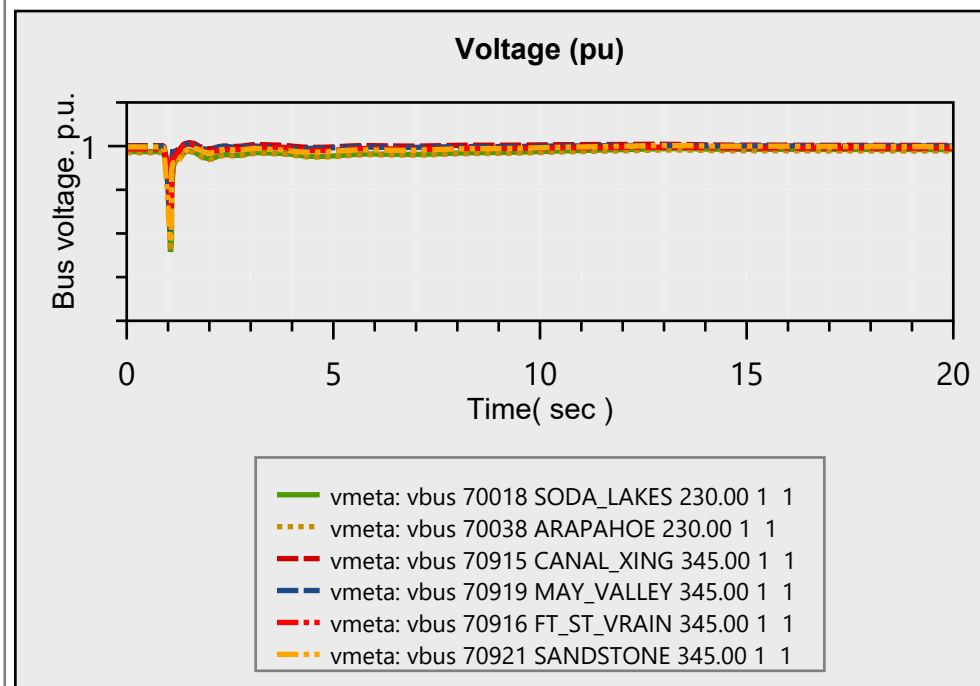
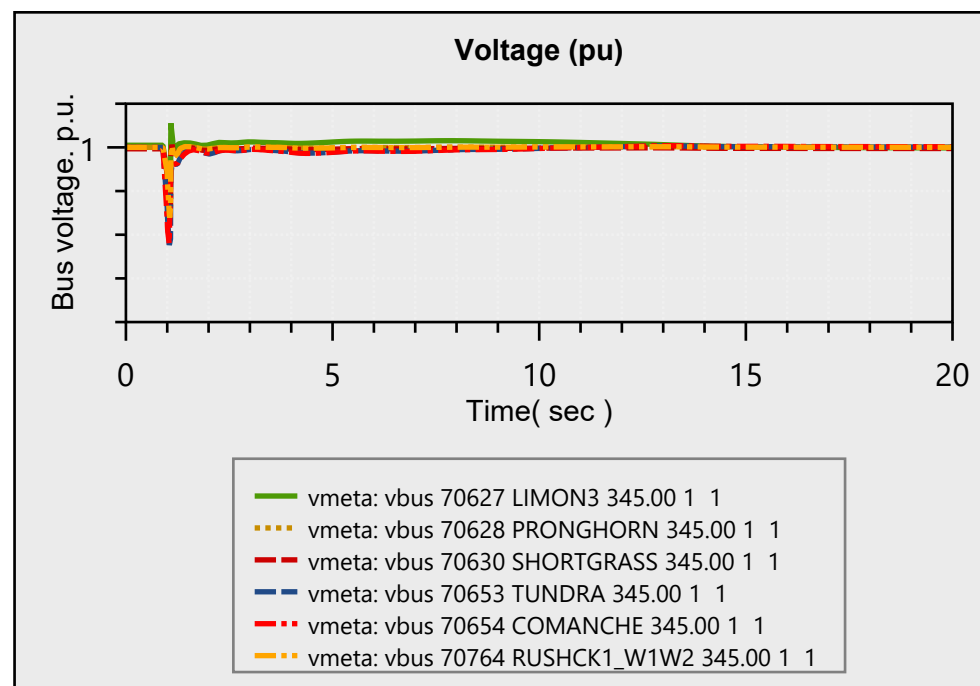
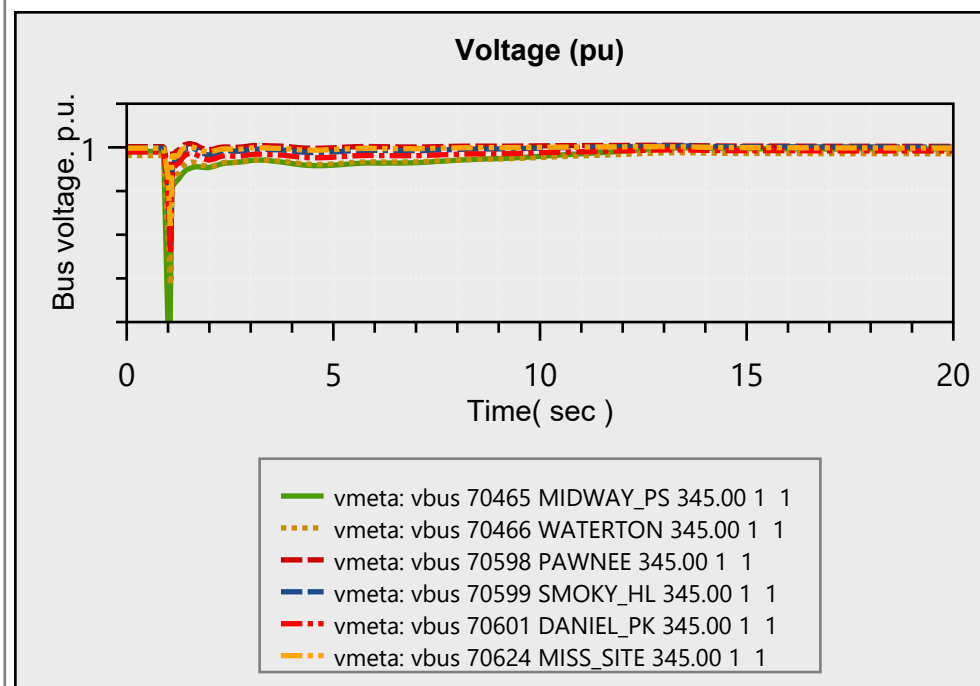
OUTPUTS



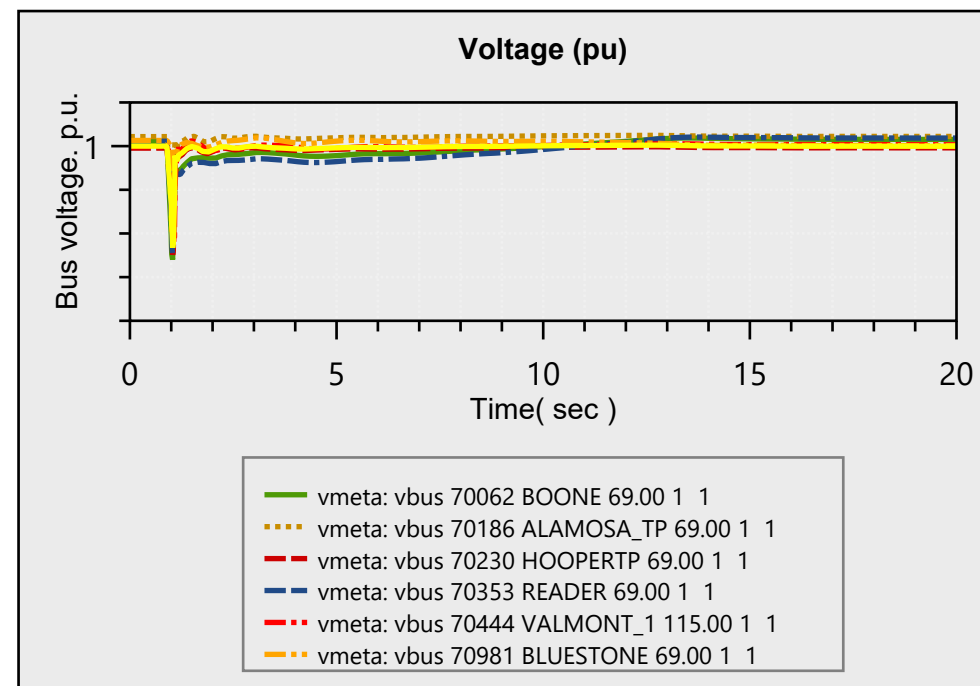
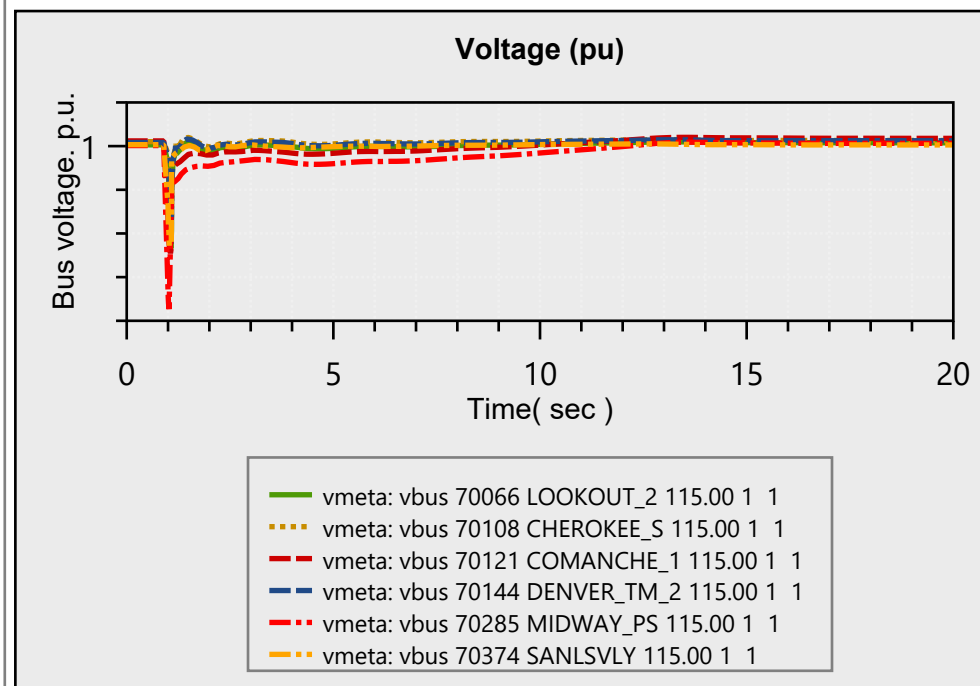
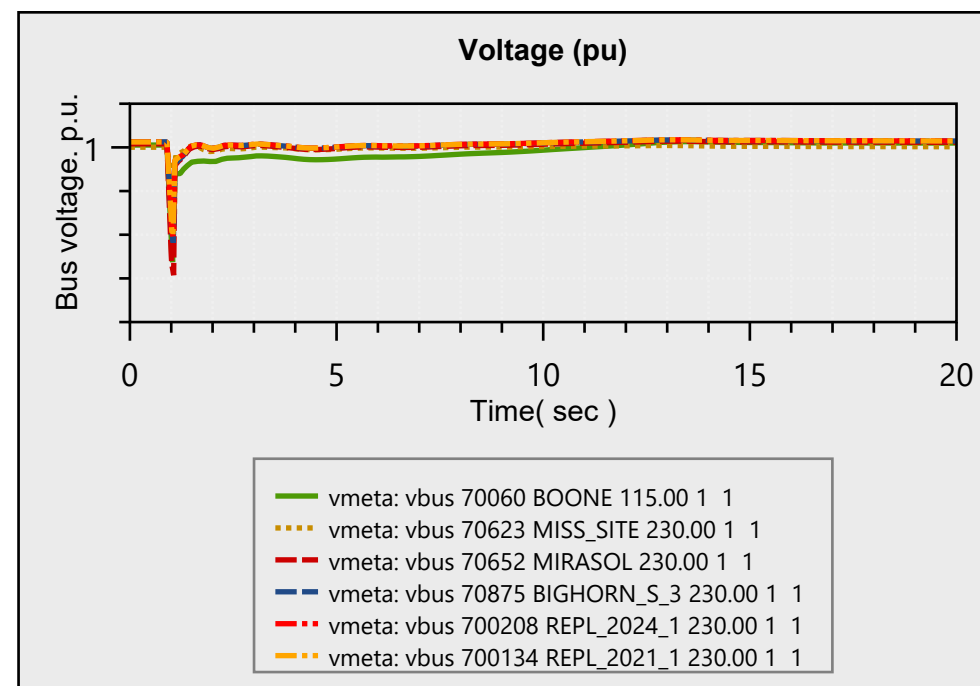
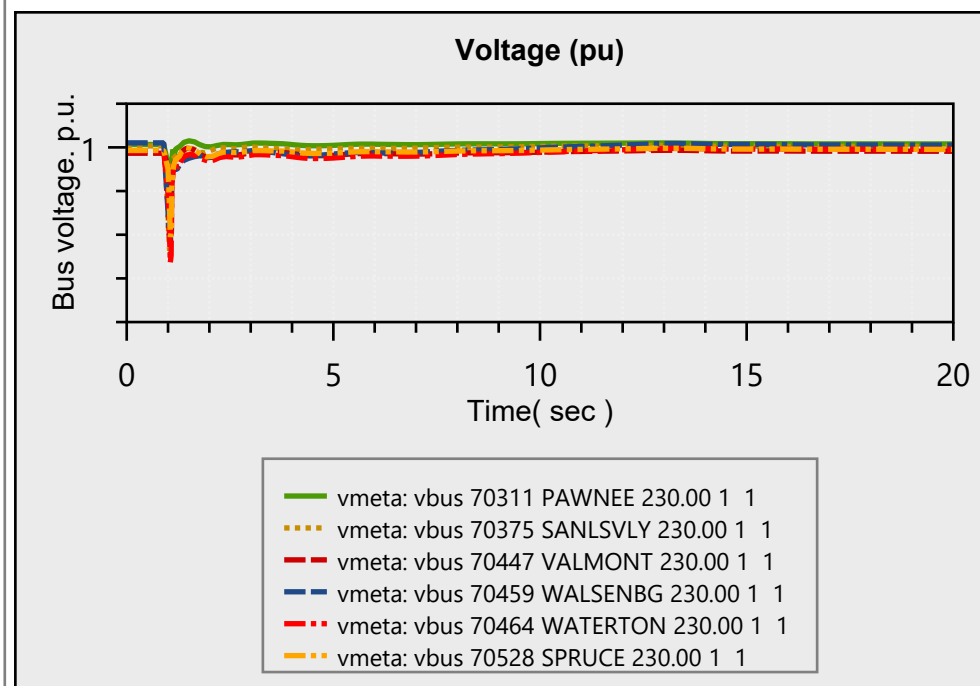
OUTPUTS



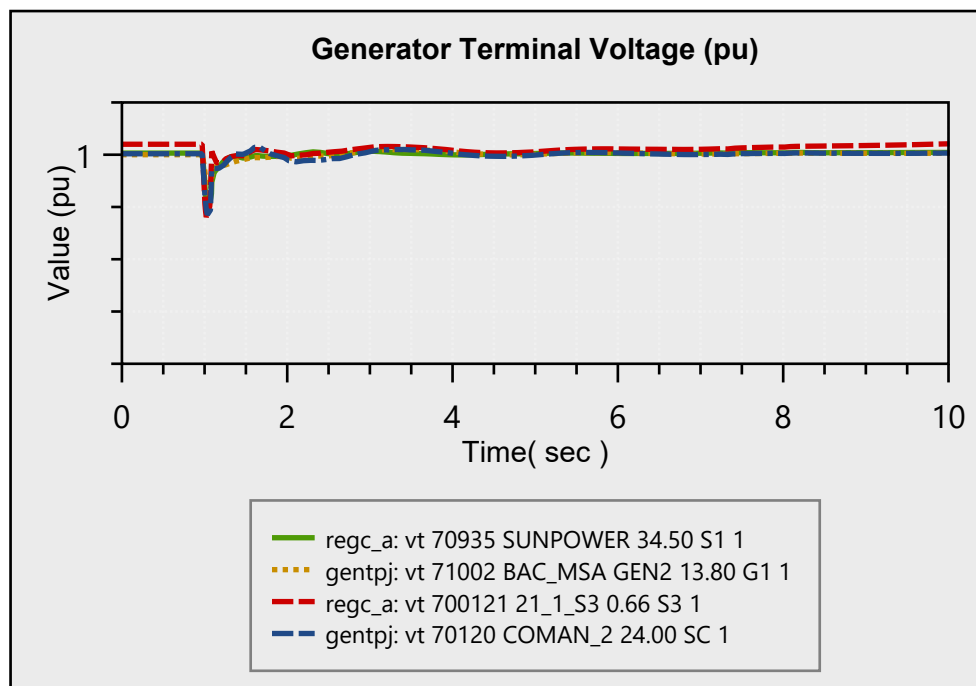
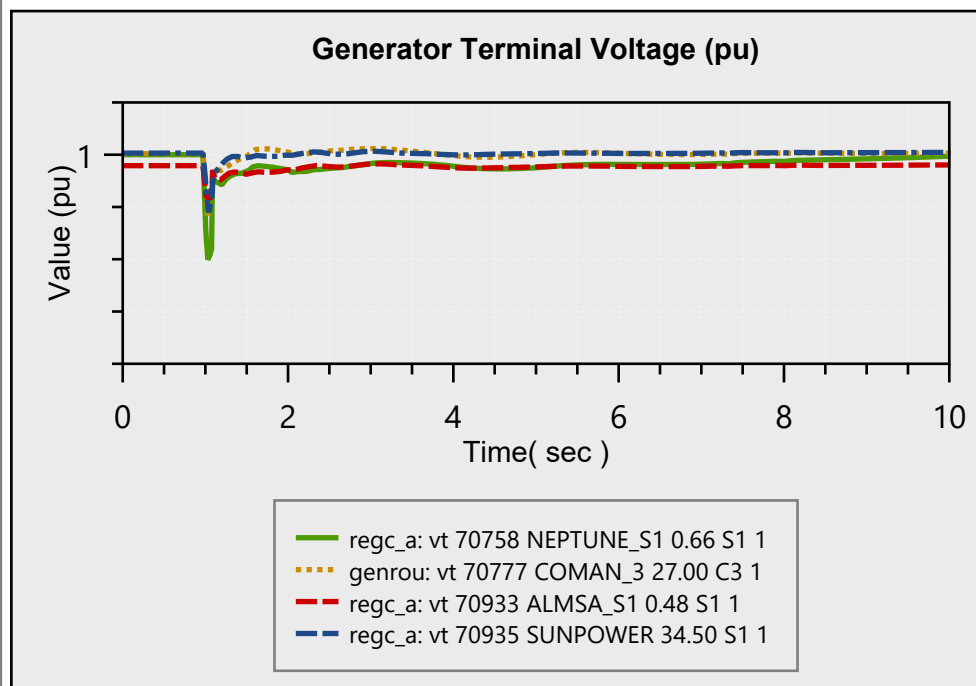
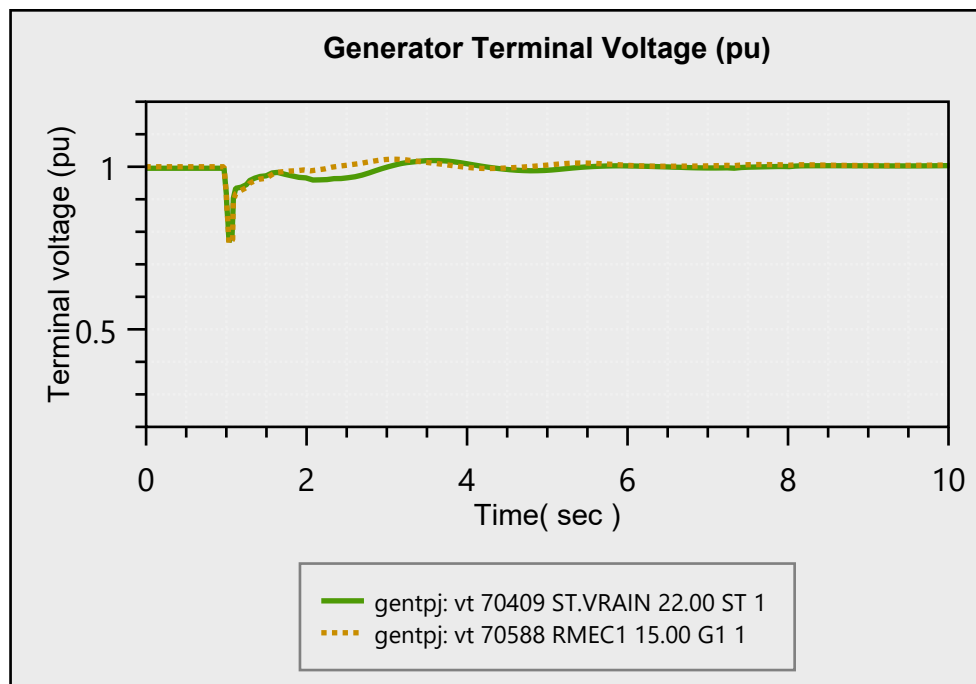
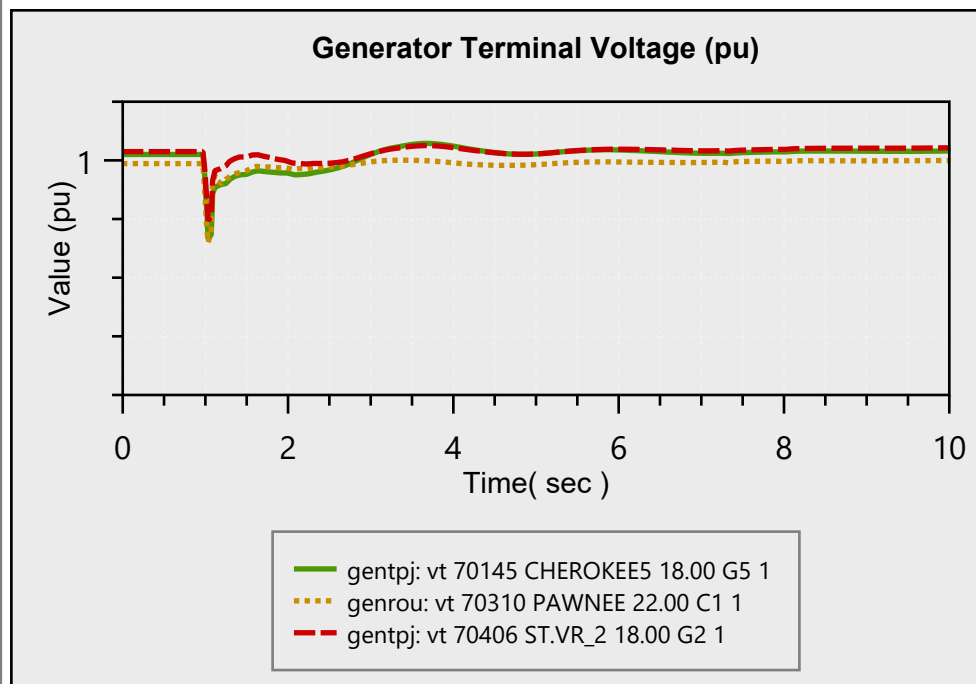
OUTPUTS



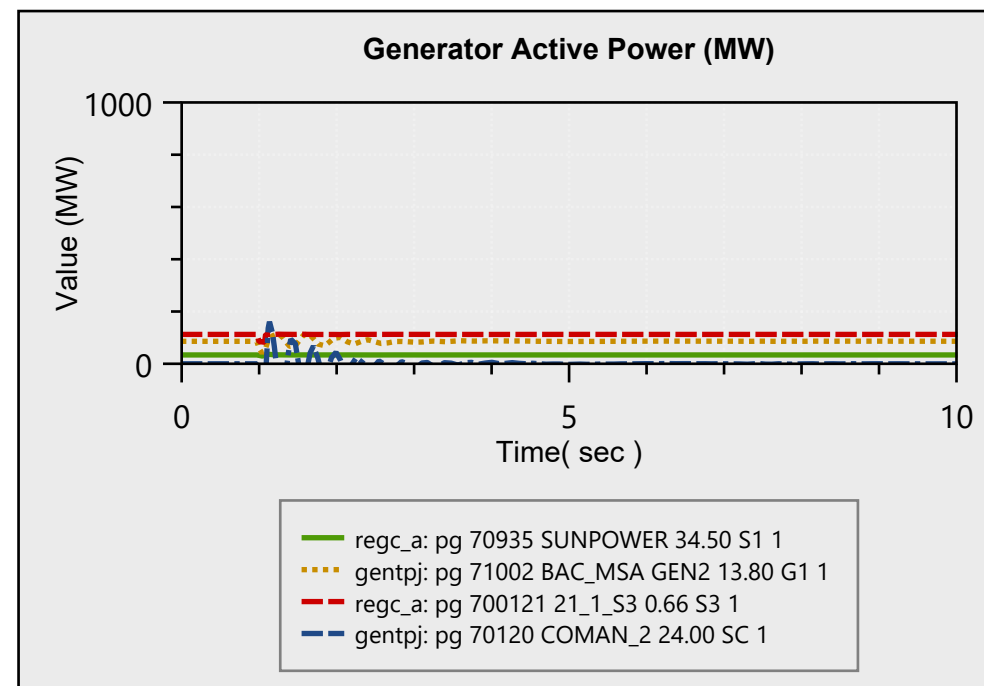
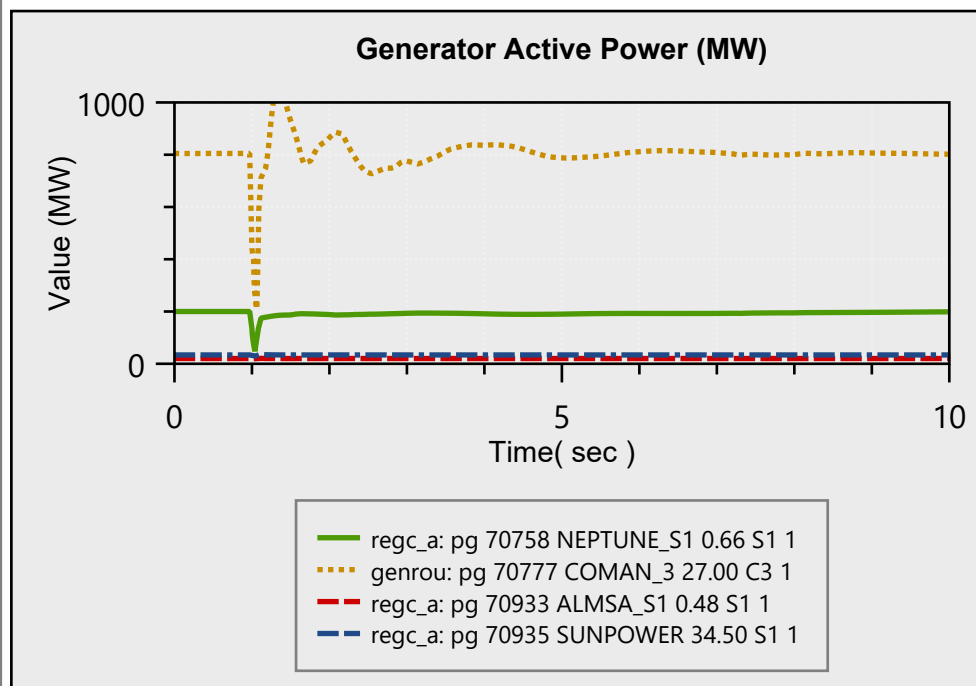
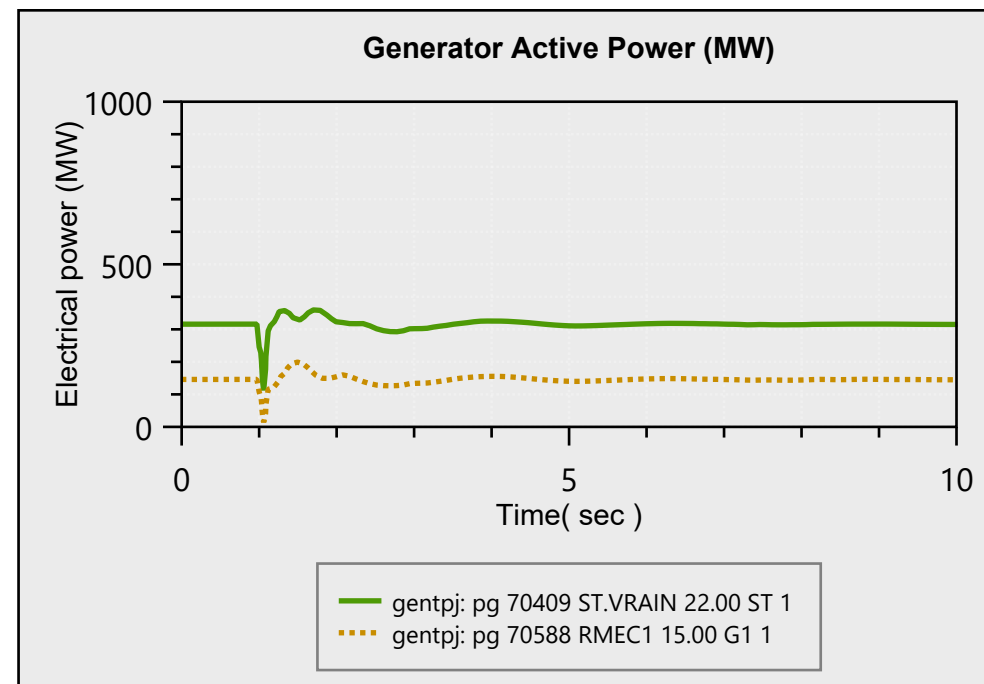
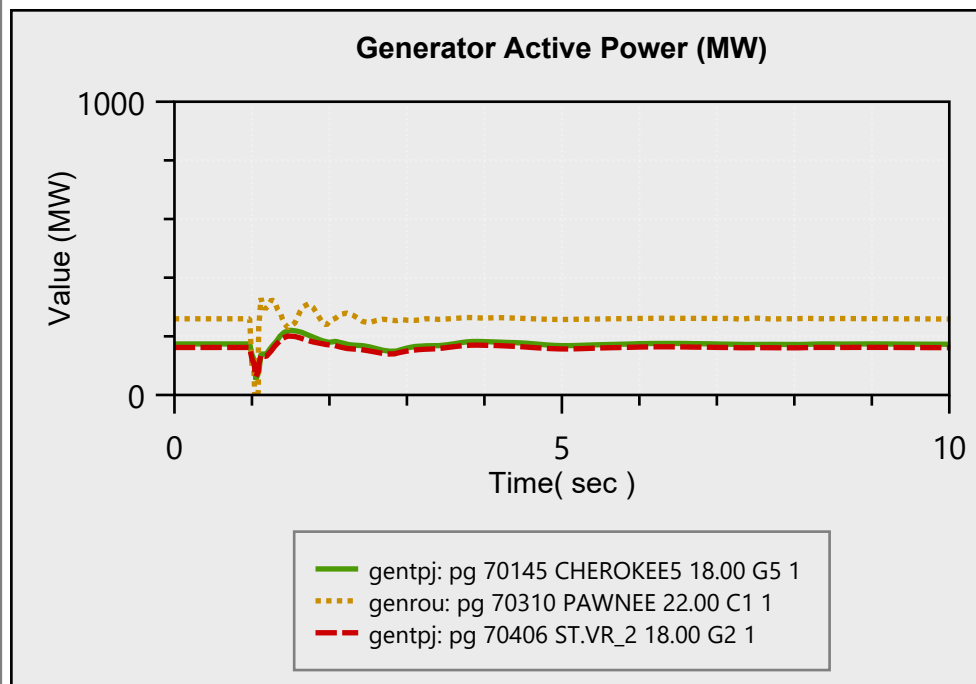
OUTPUTS



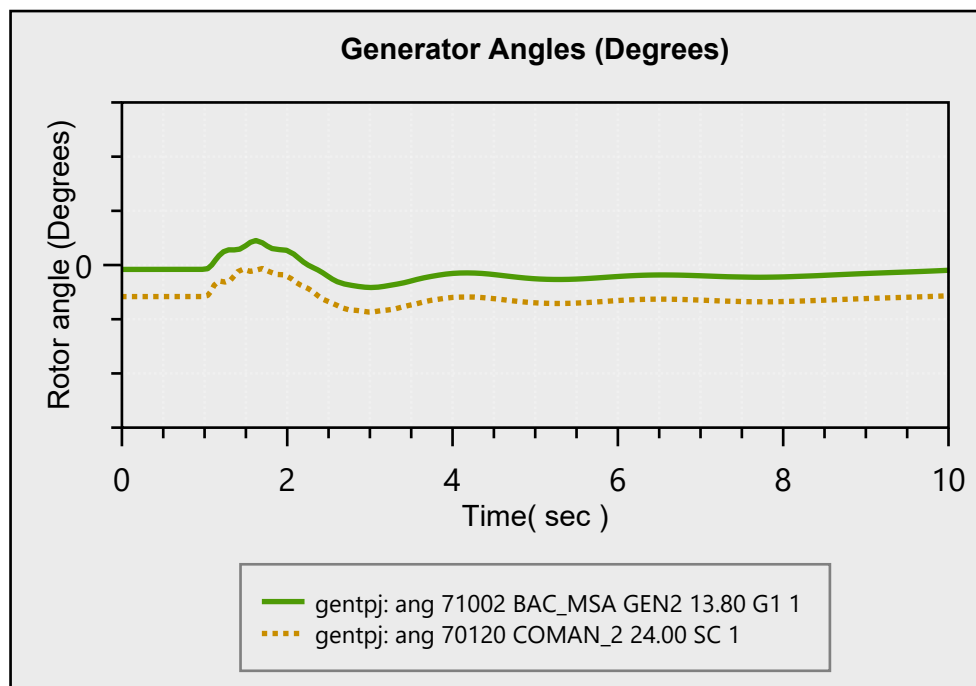
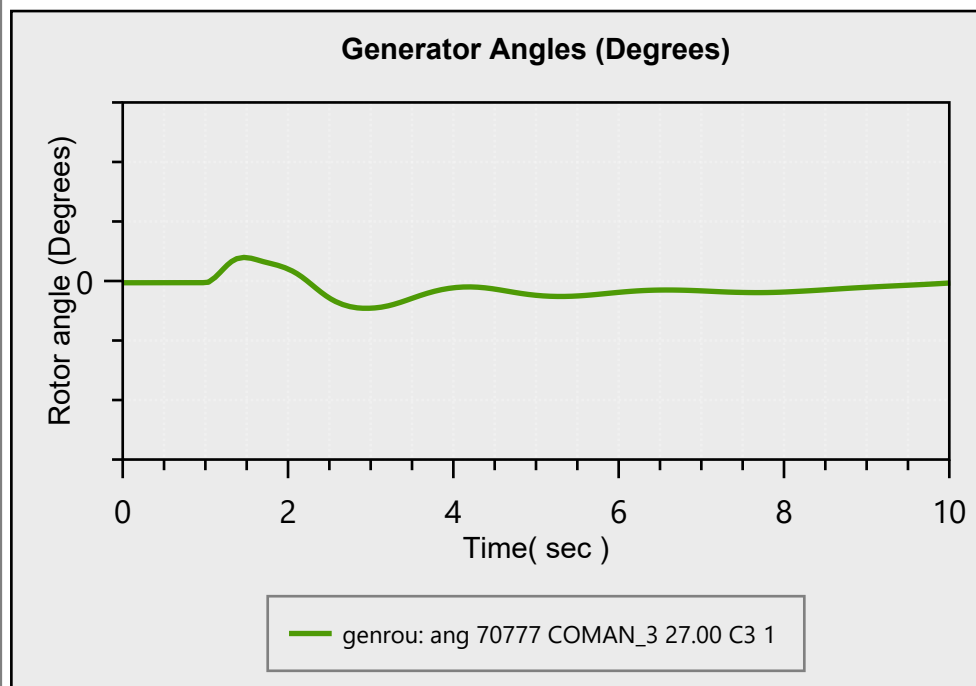
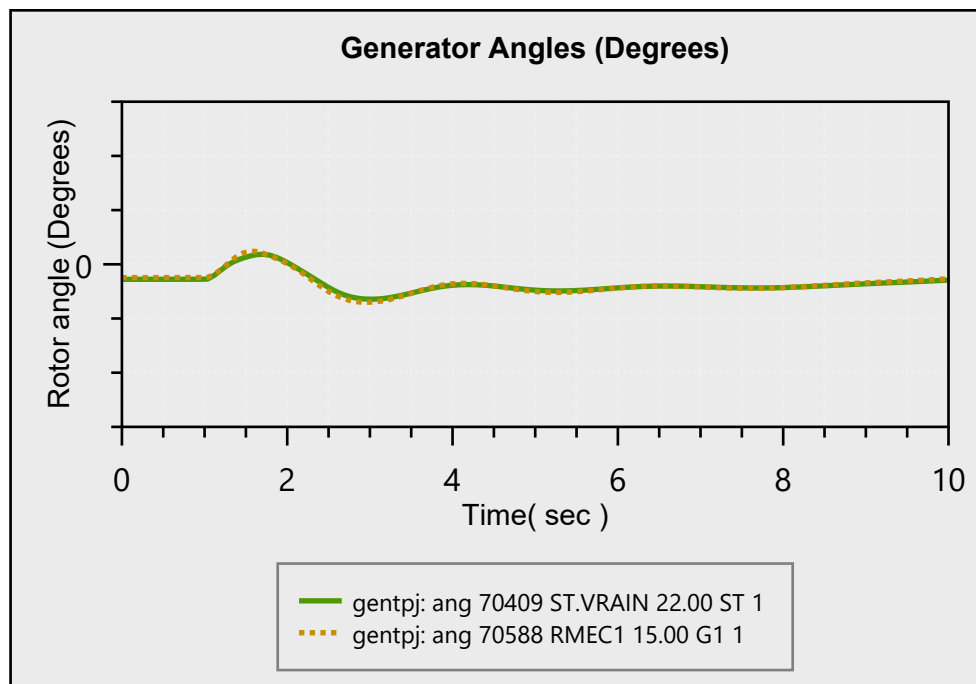
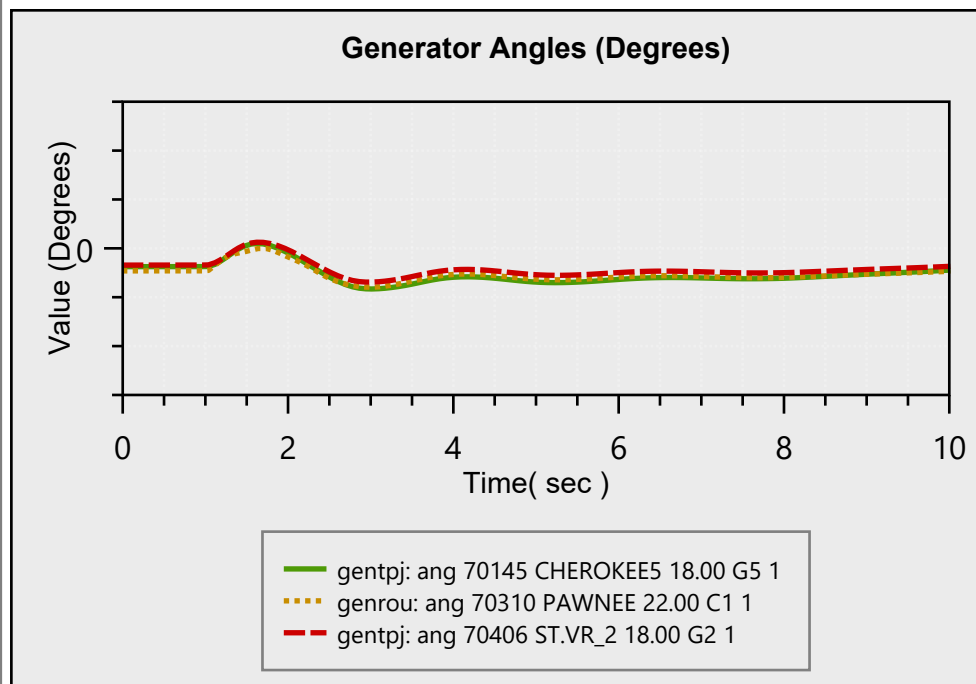
OUTPUTS



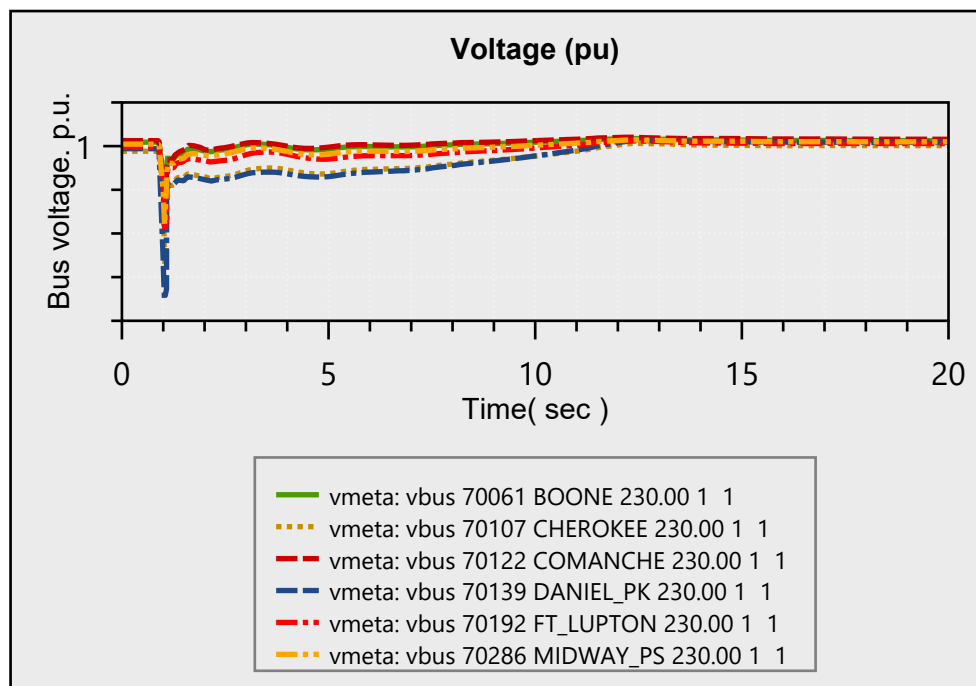
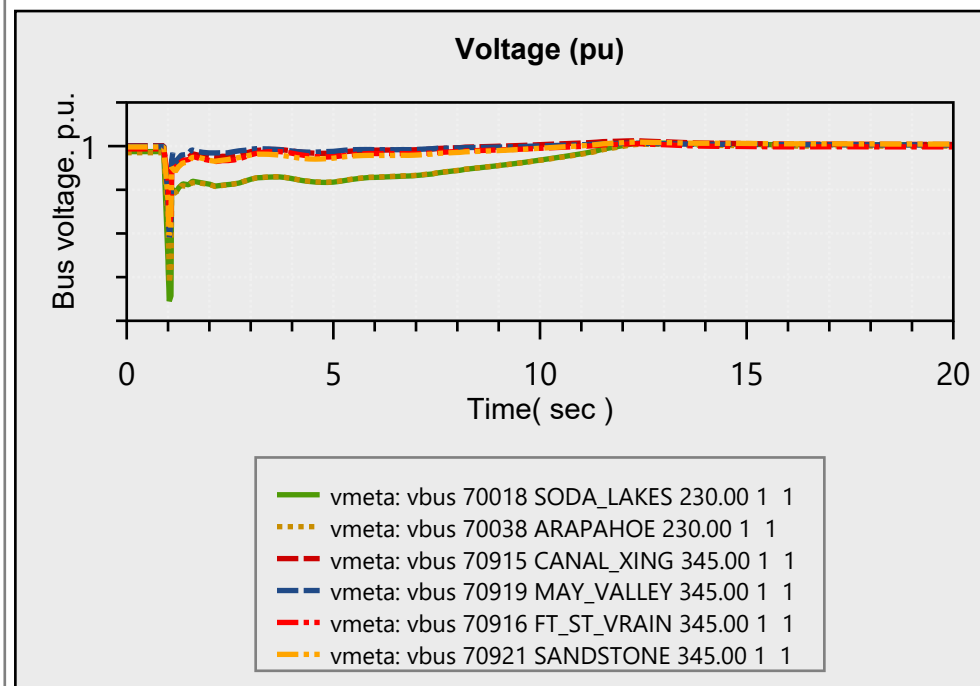
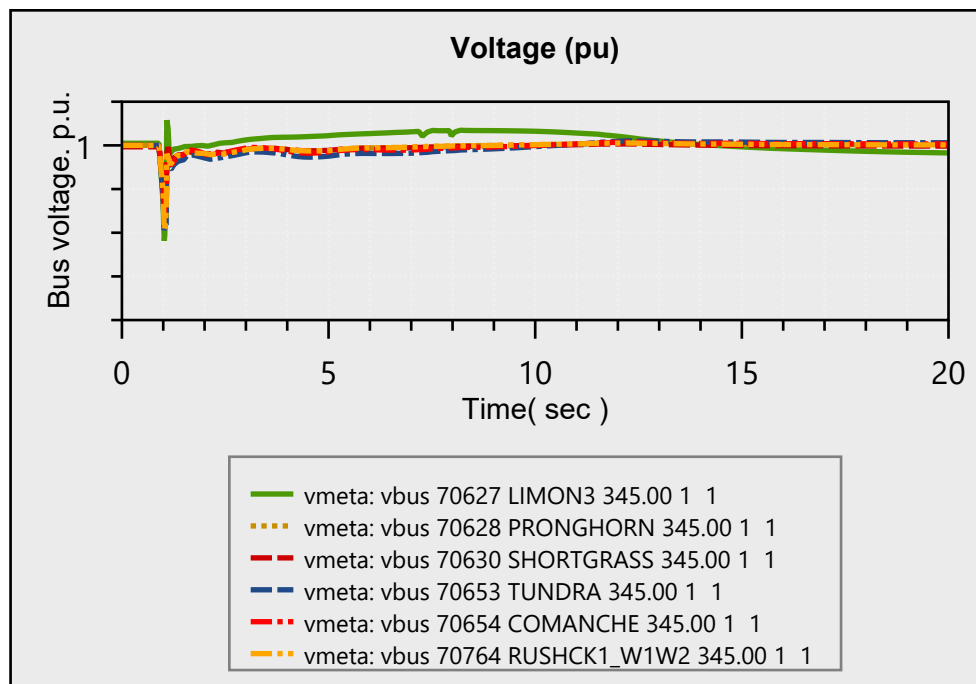
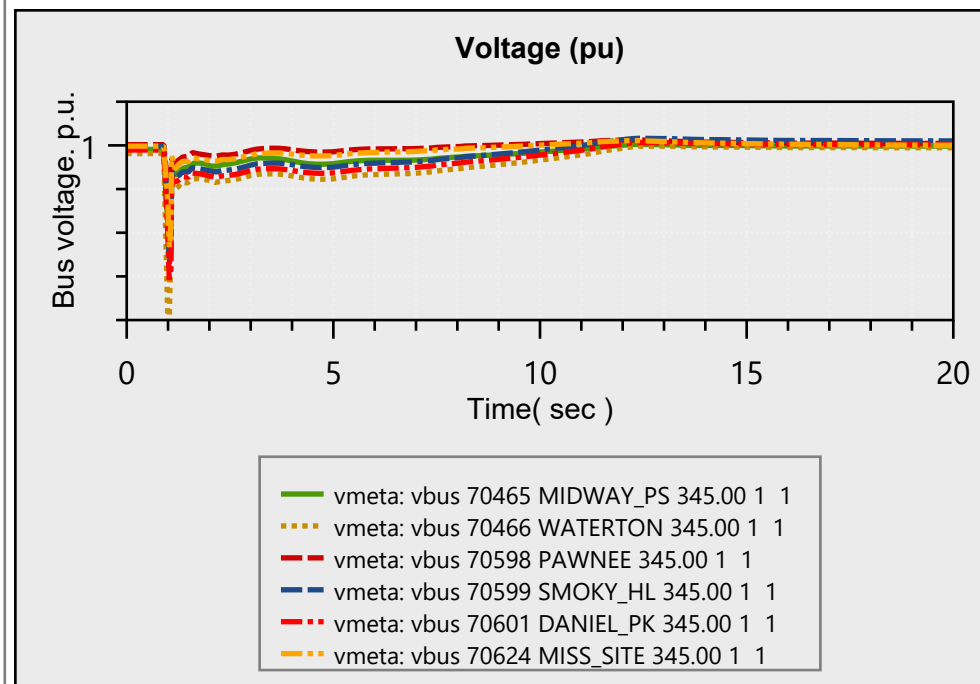
OUTPUTS



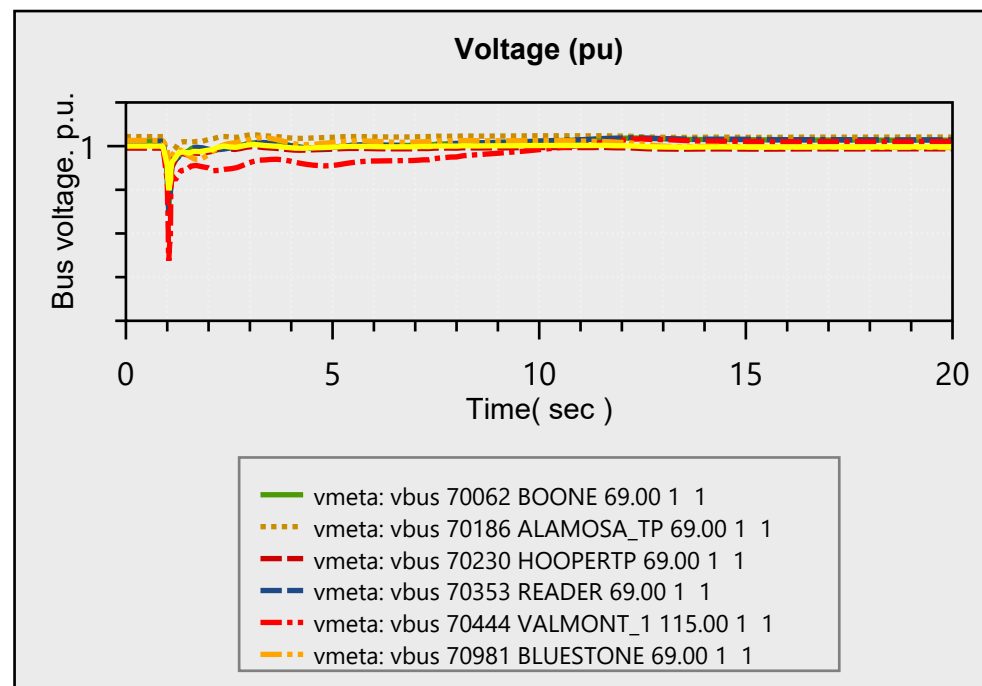
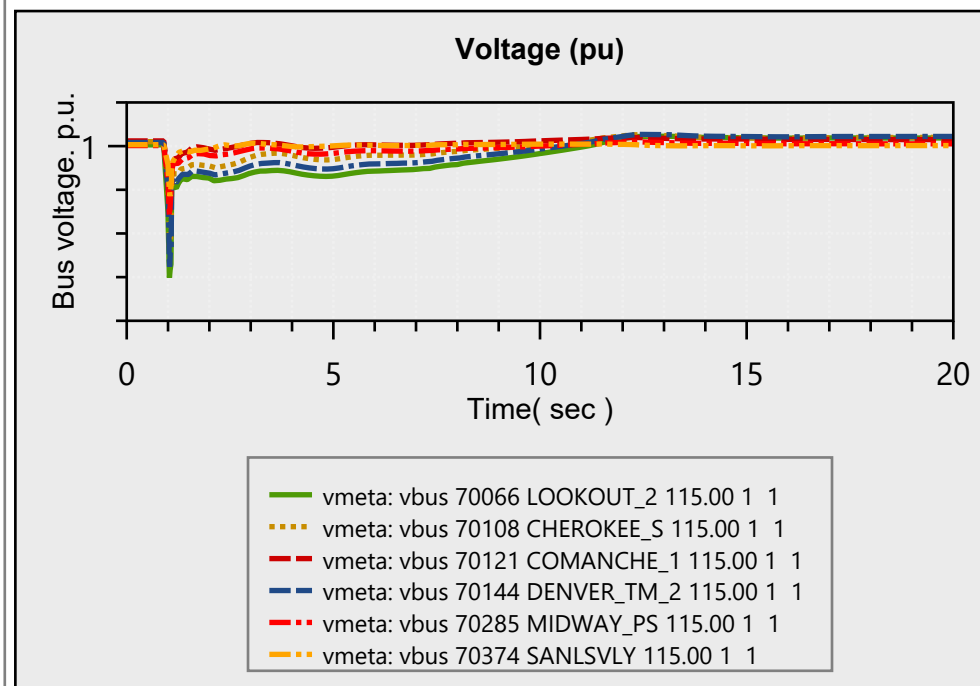
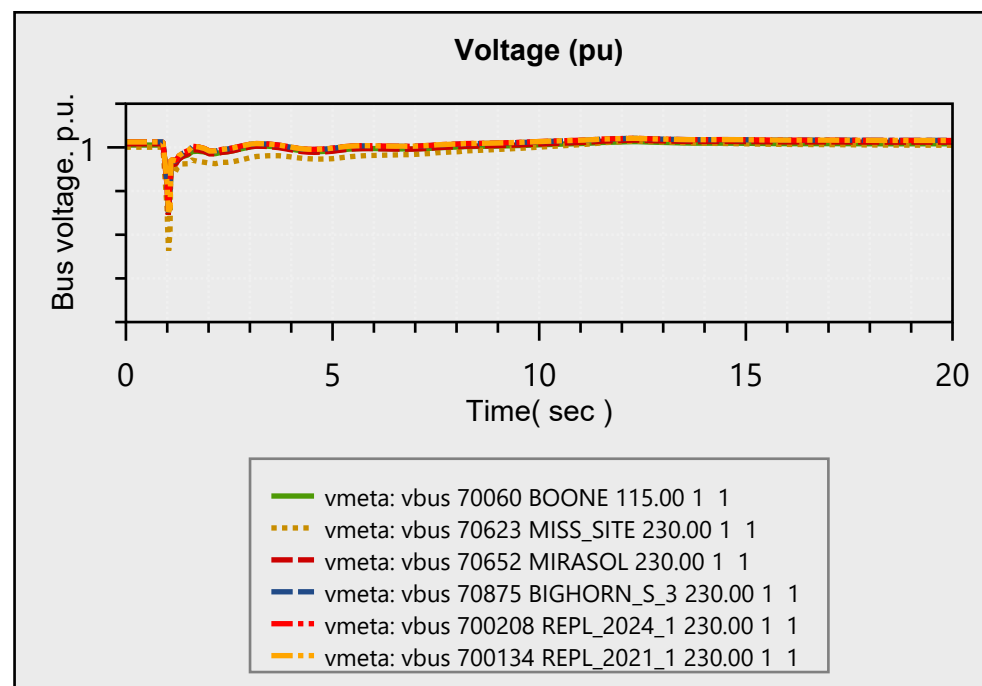
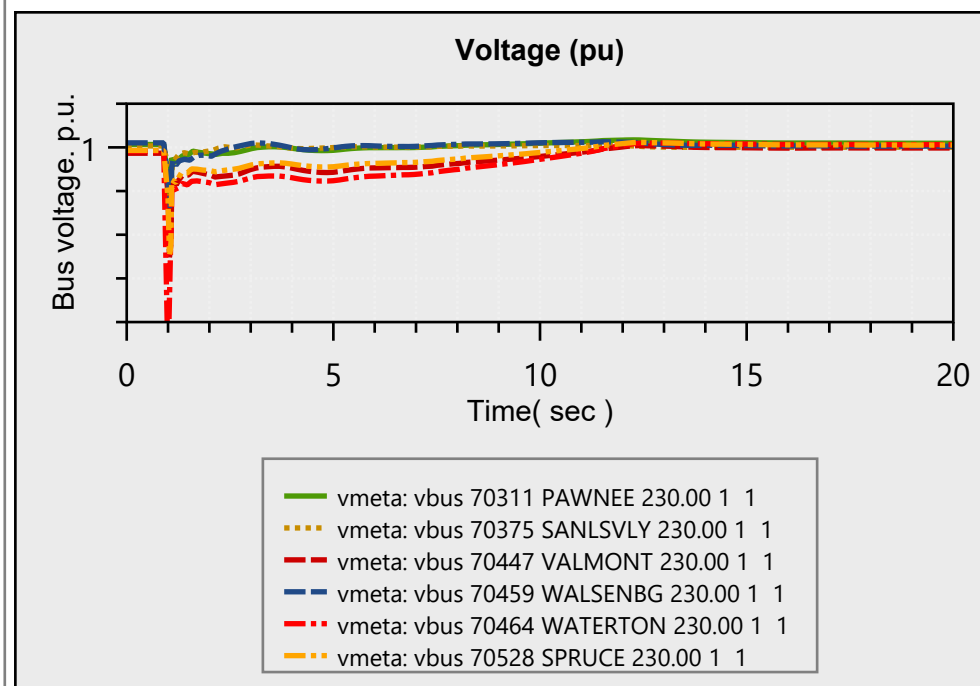
OUTPUTS



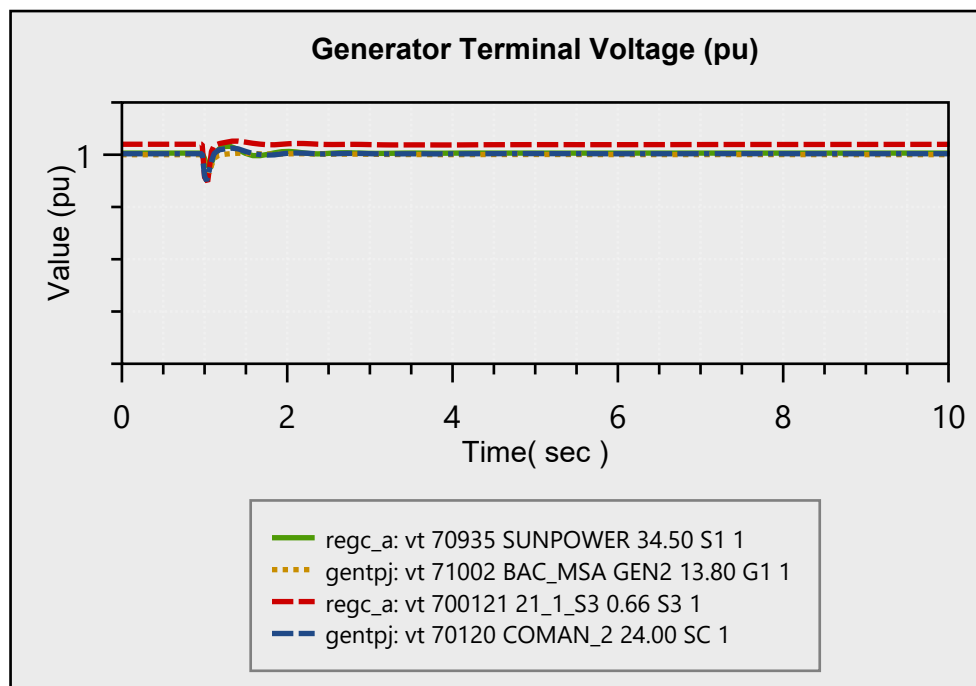
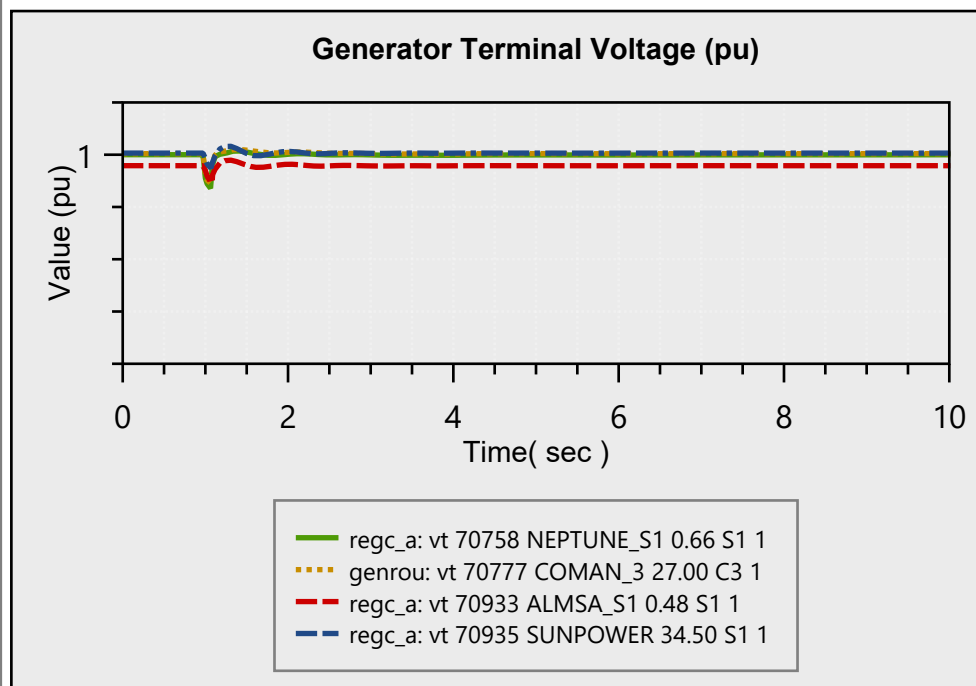
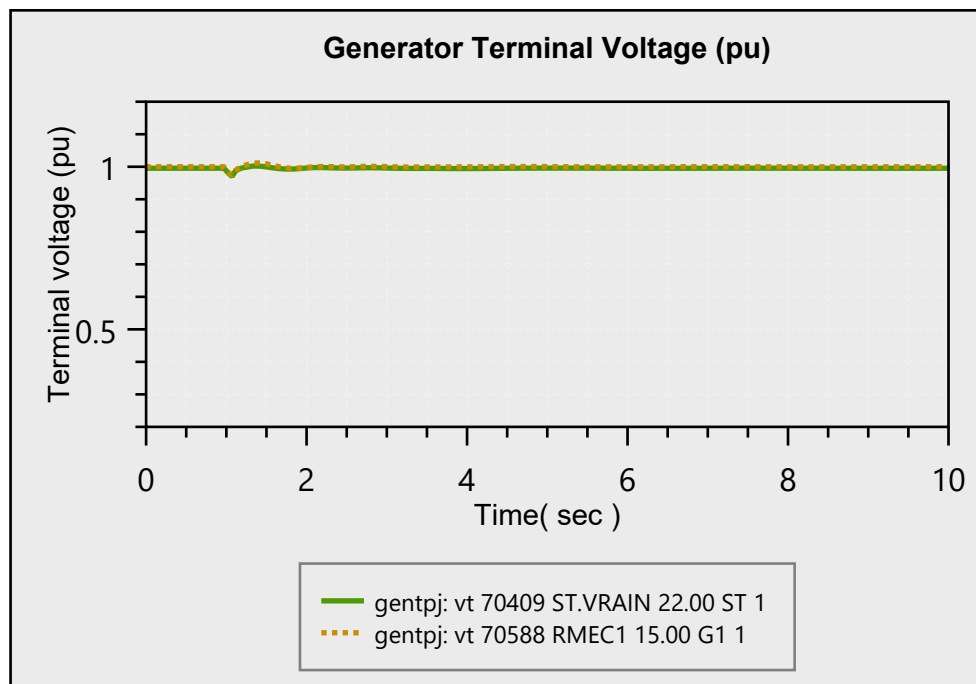
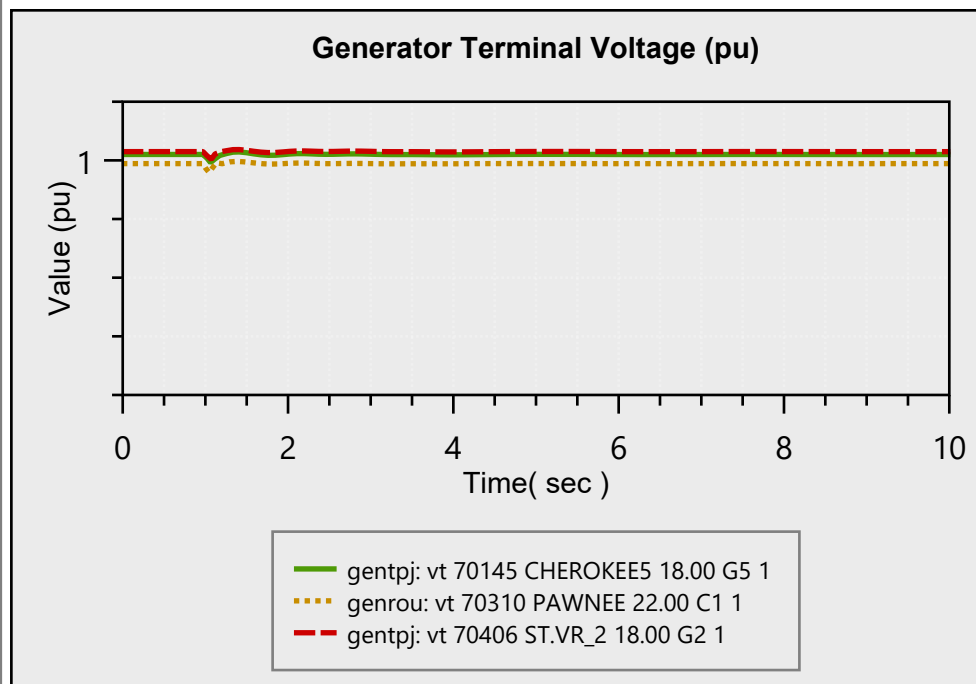
OUTPUTS



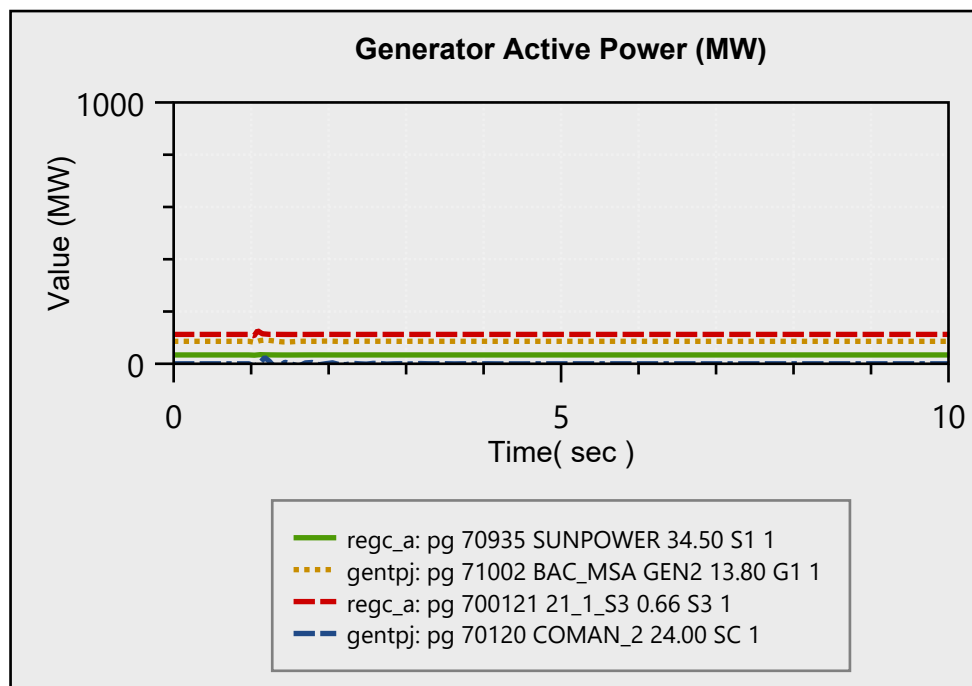
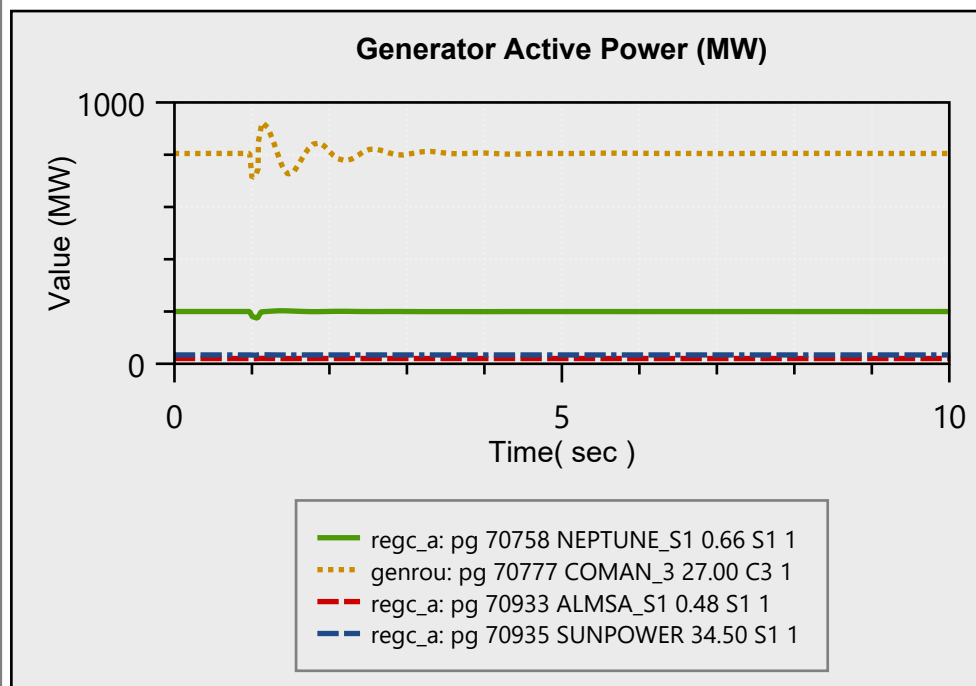
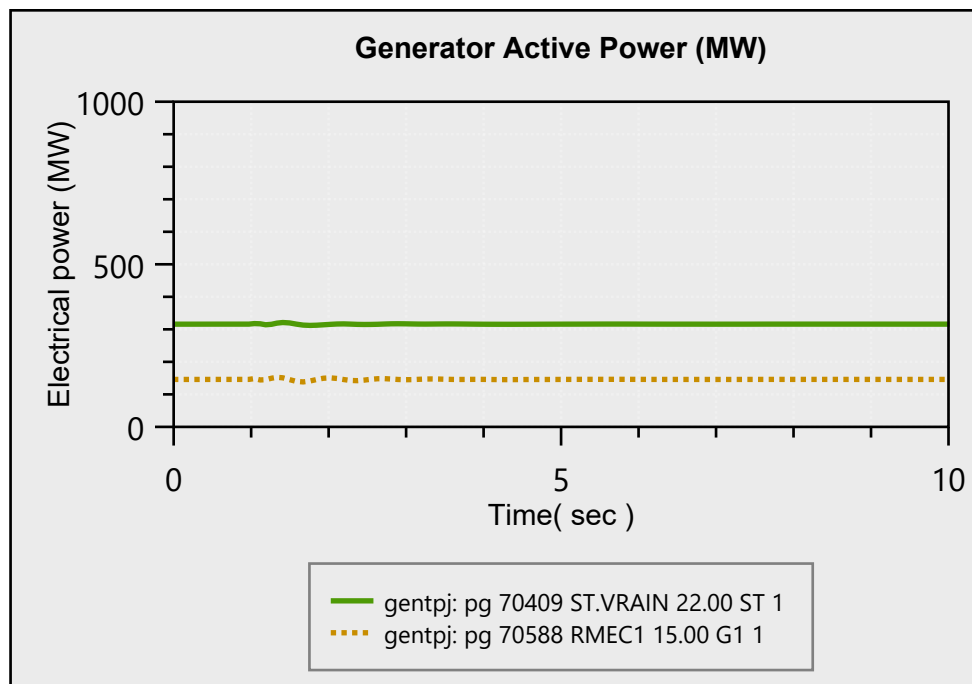
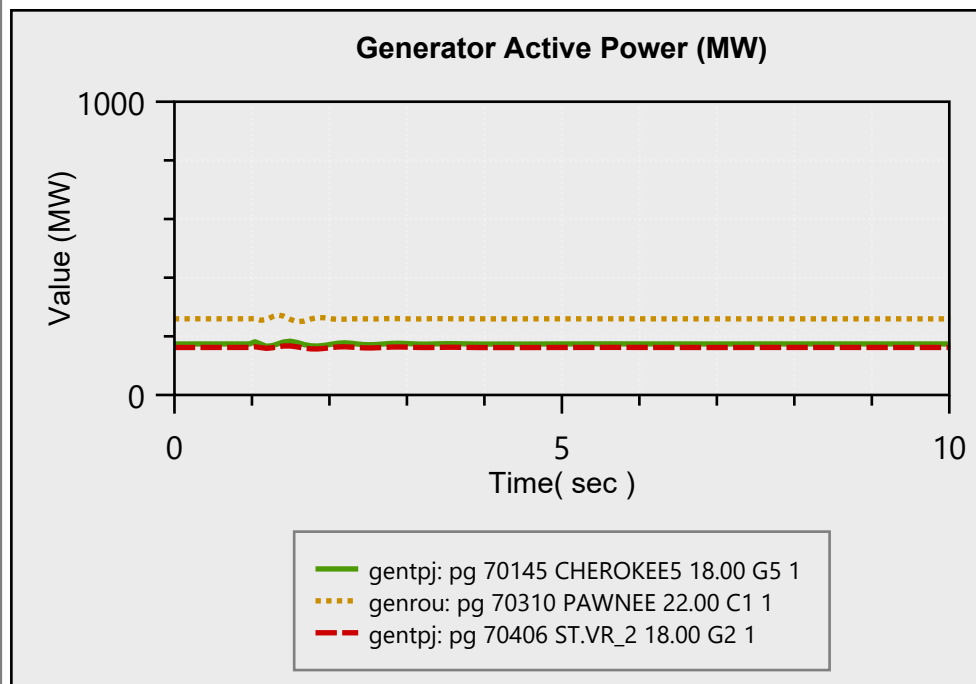
OUTPUTS



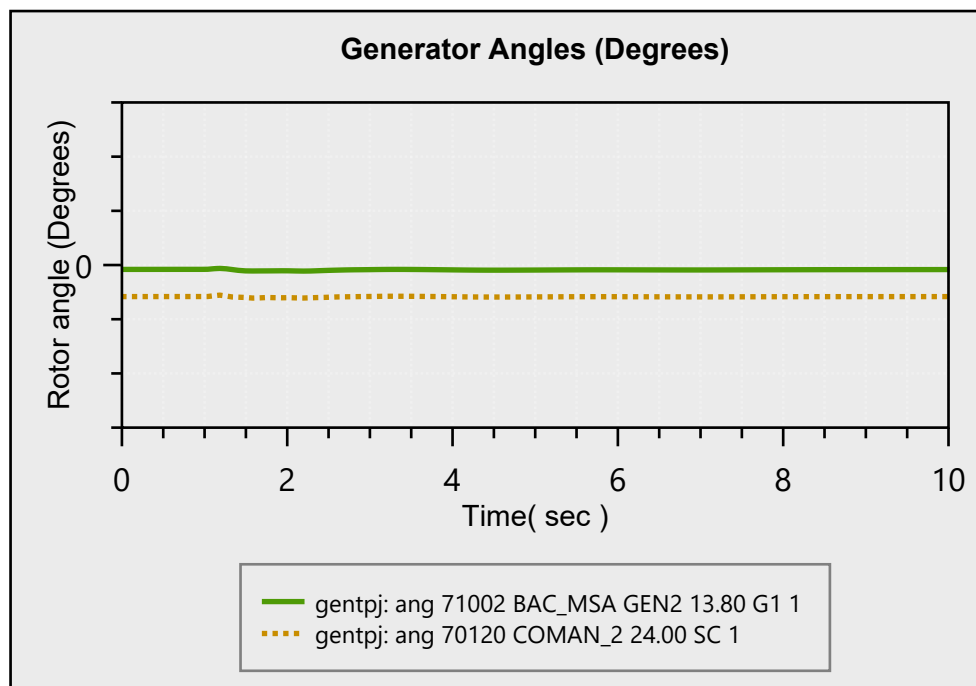
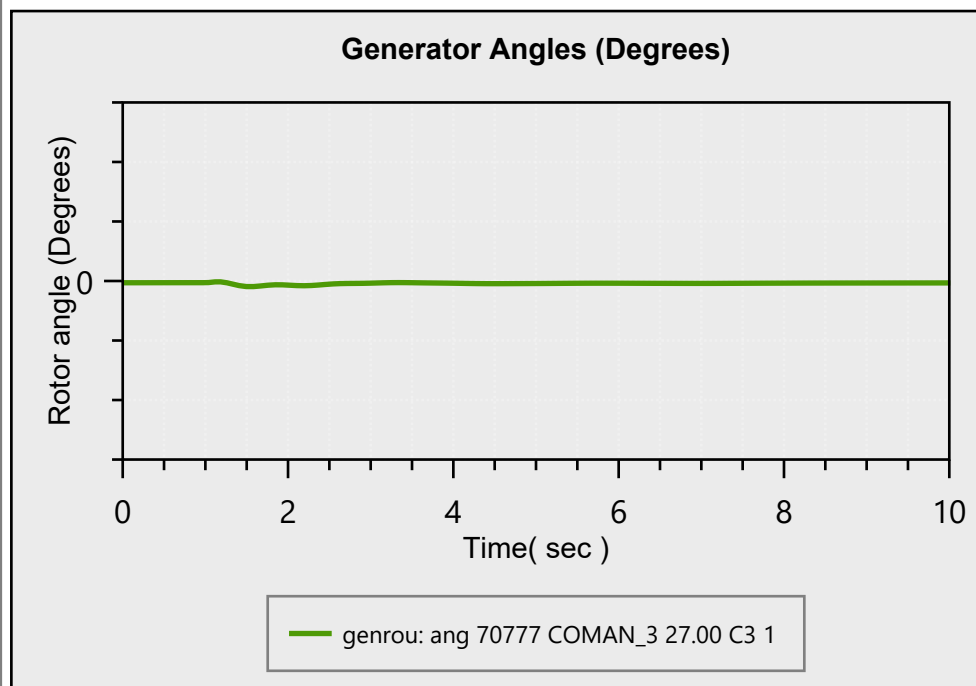
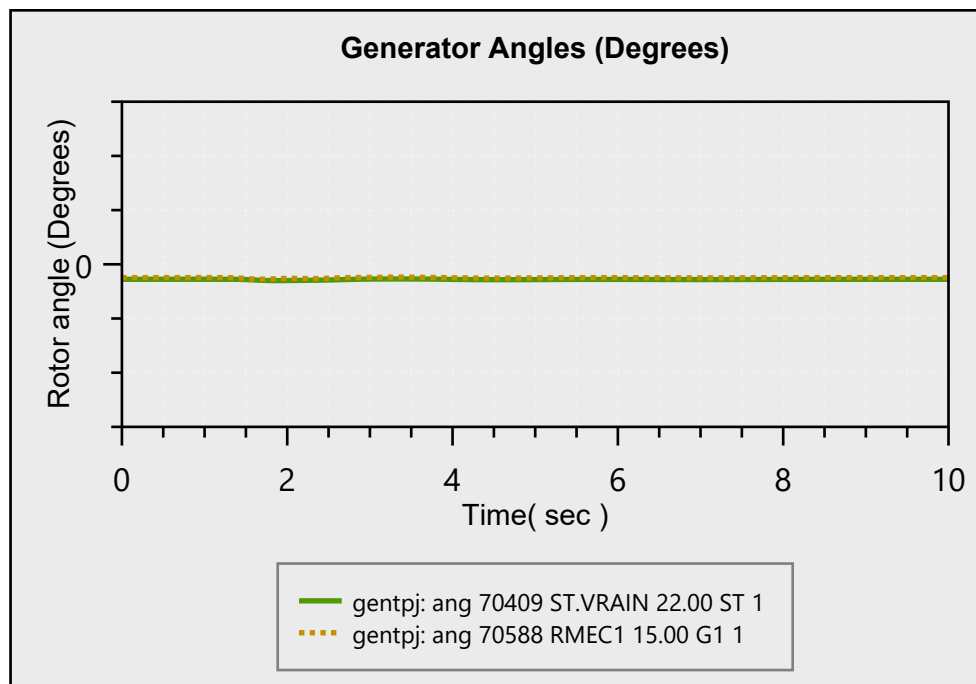
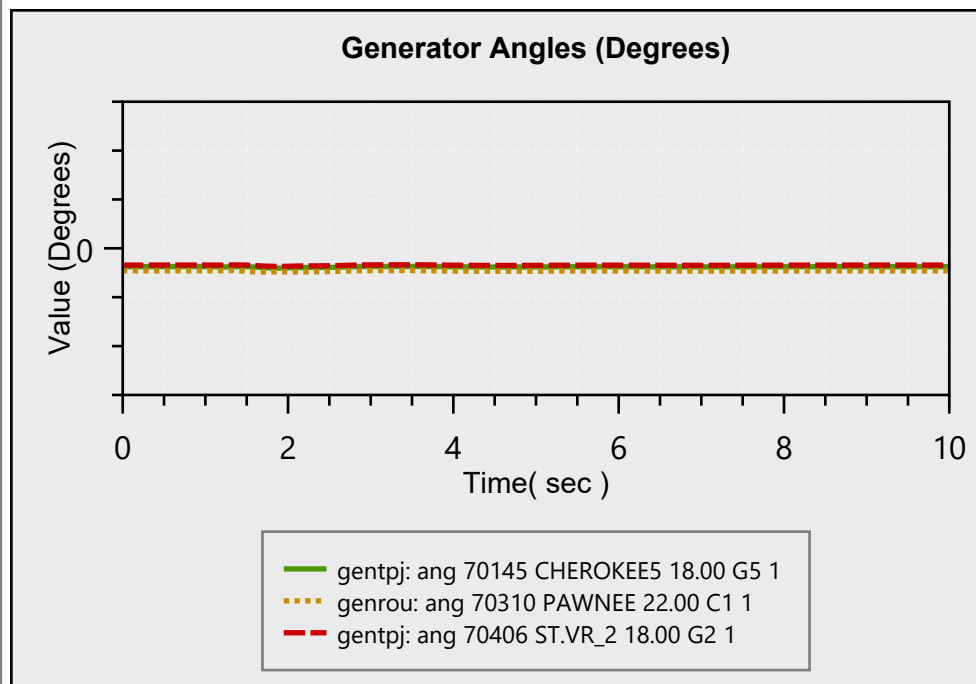
OUTPUTS



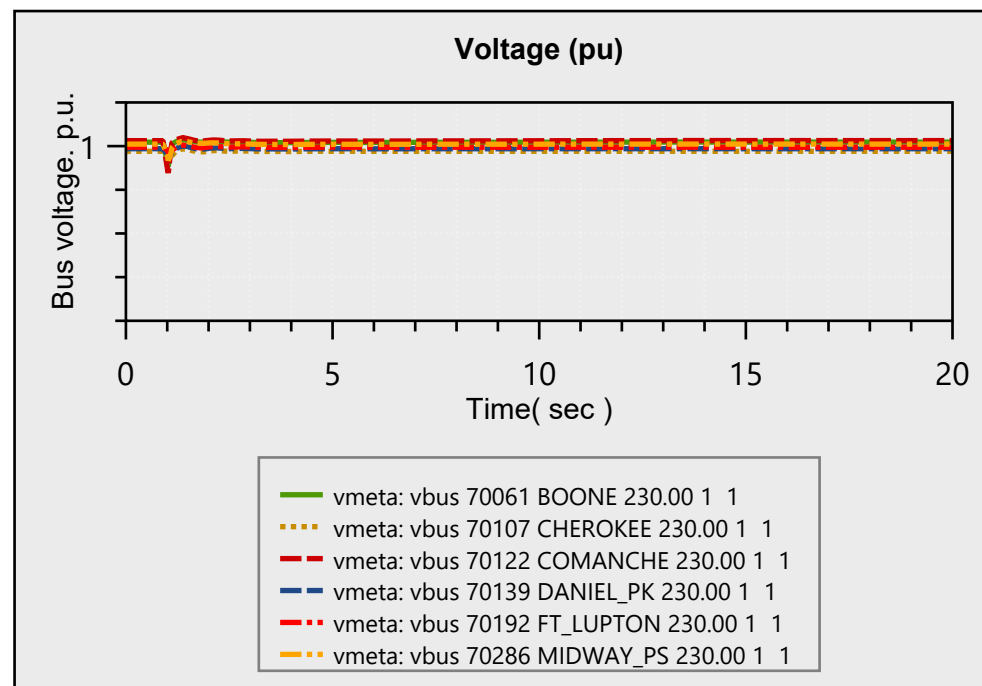
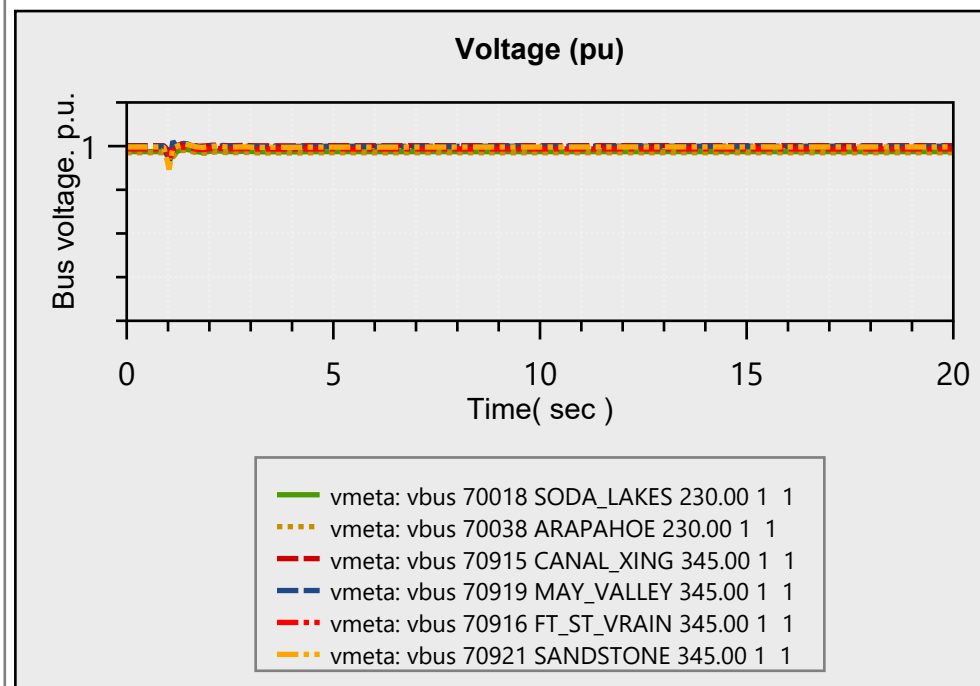
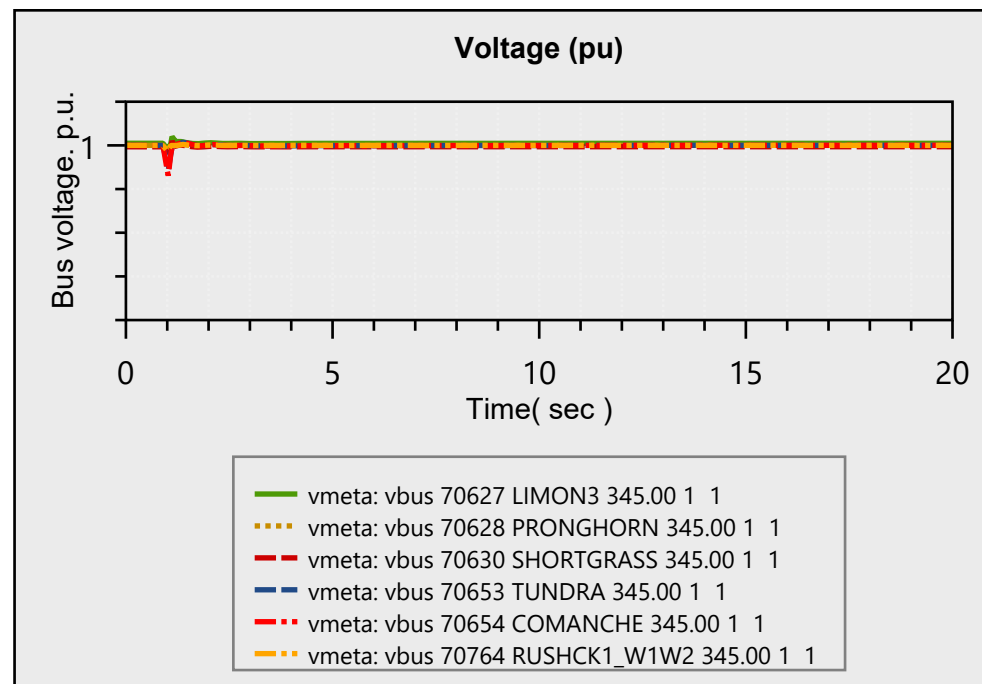
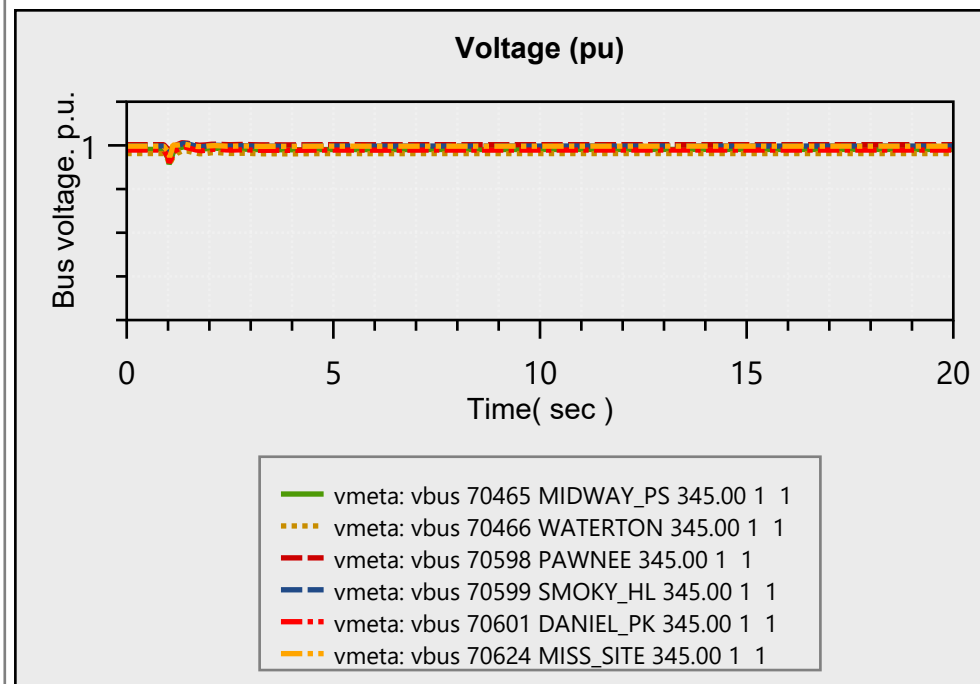
OUTPUTS



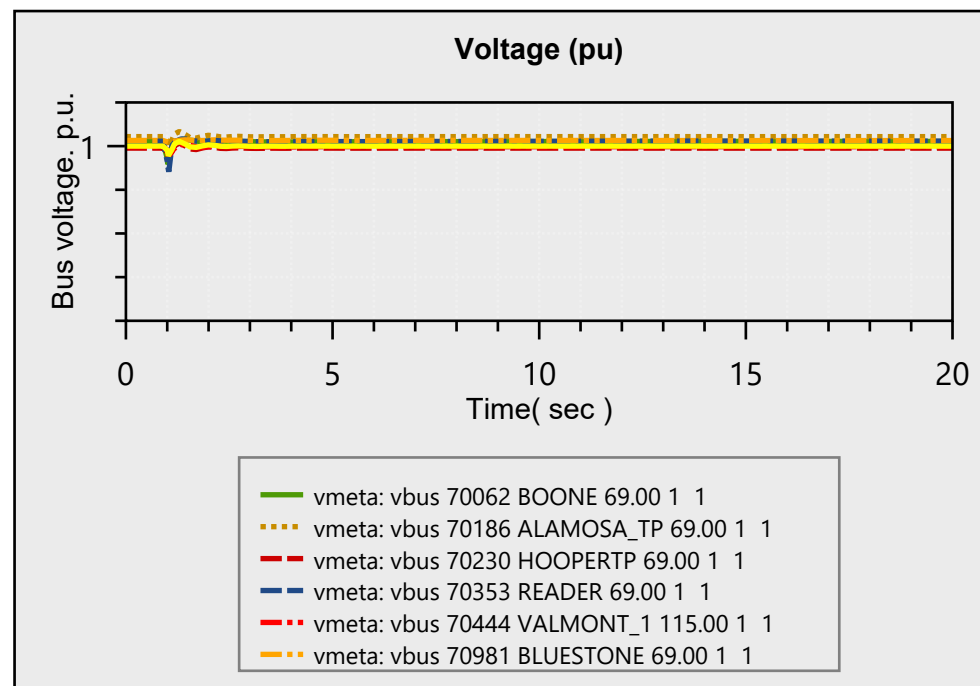
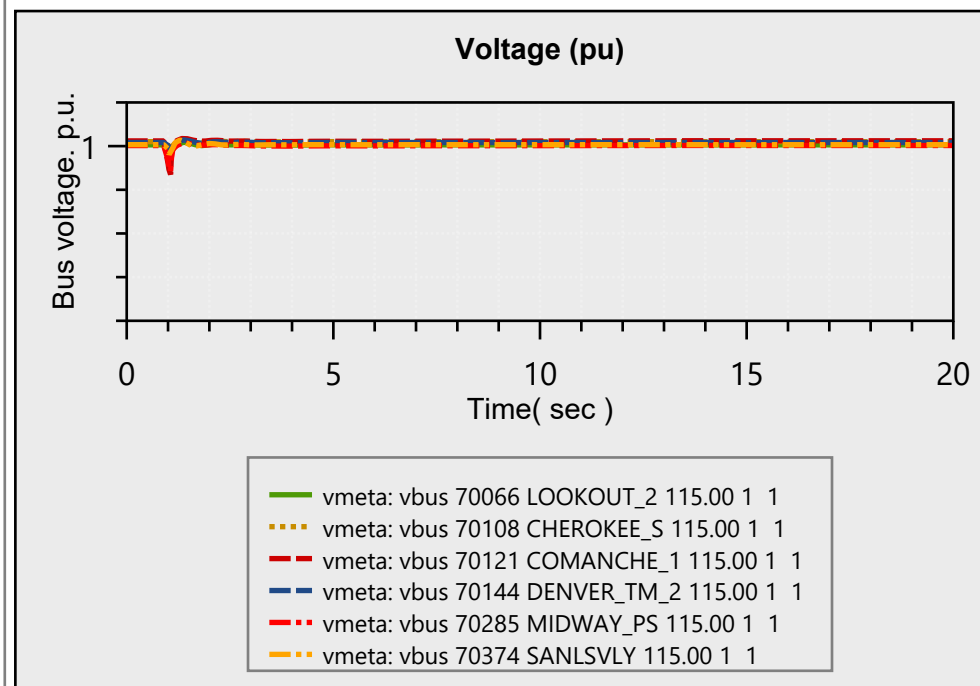
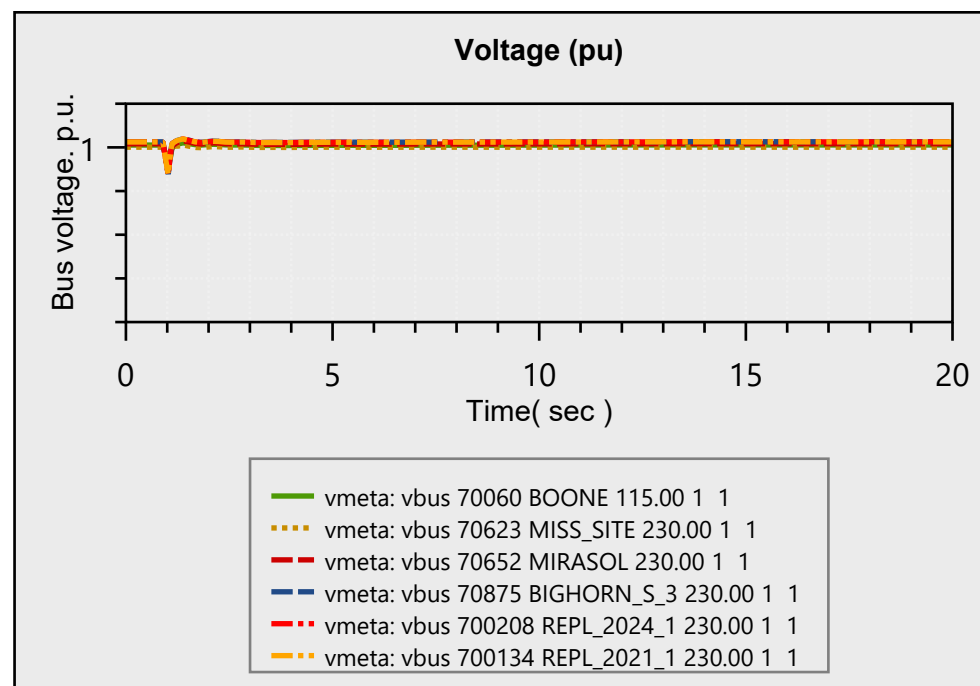
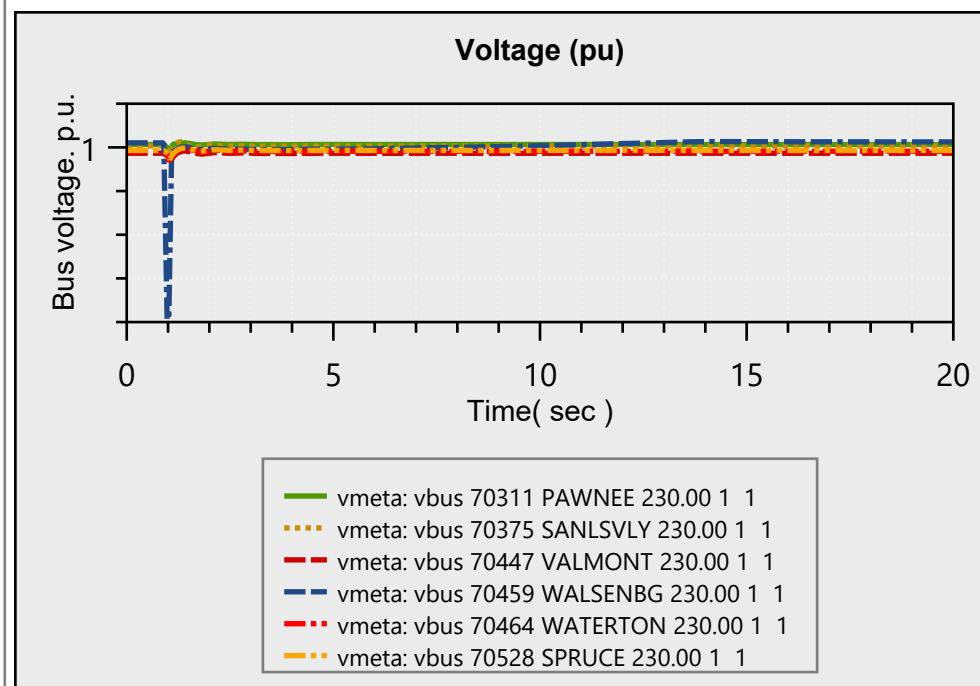
OUTPUTS



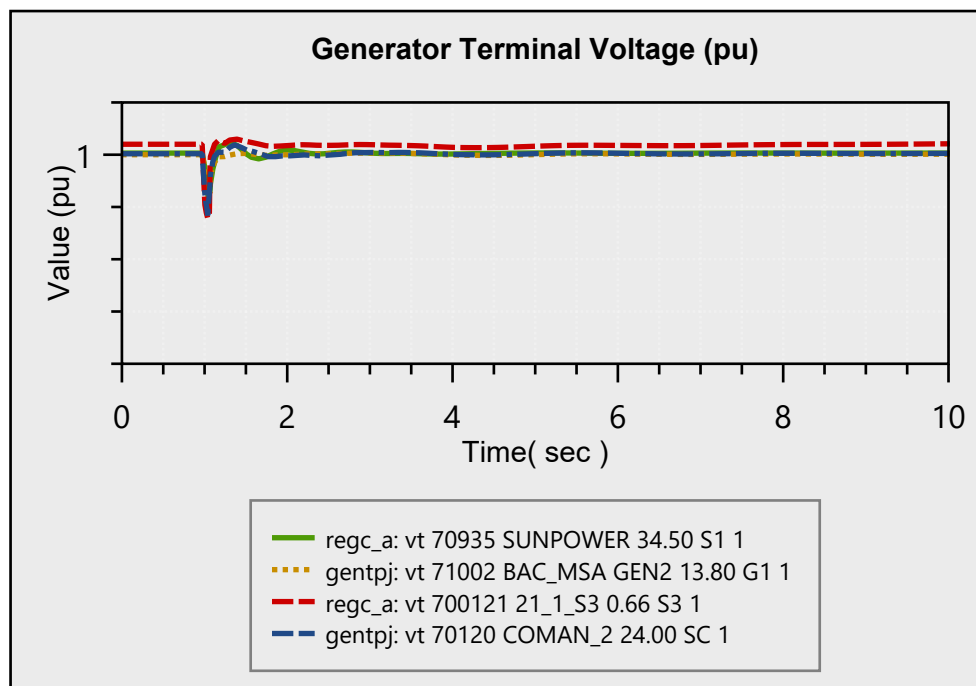
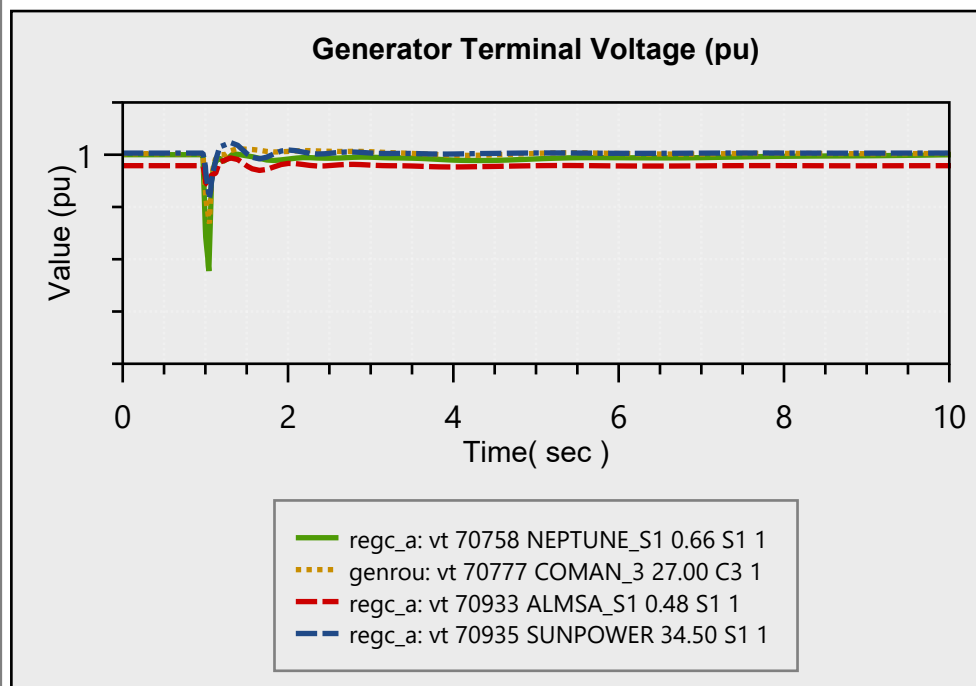
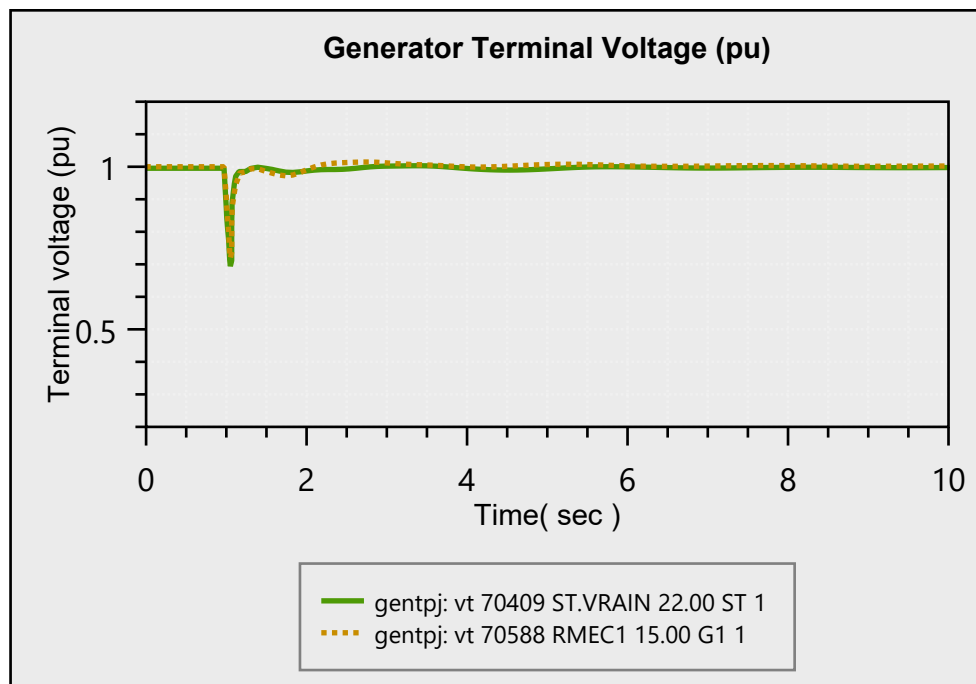
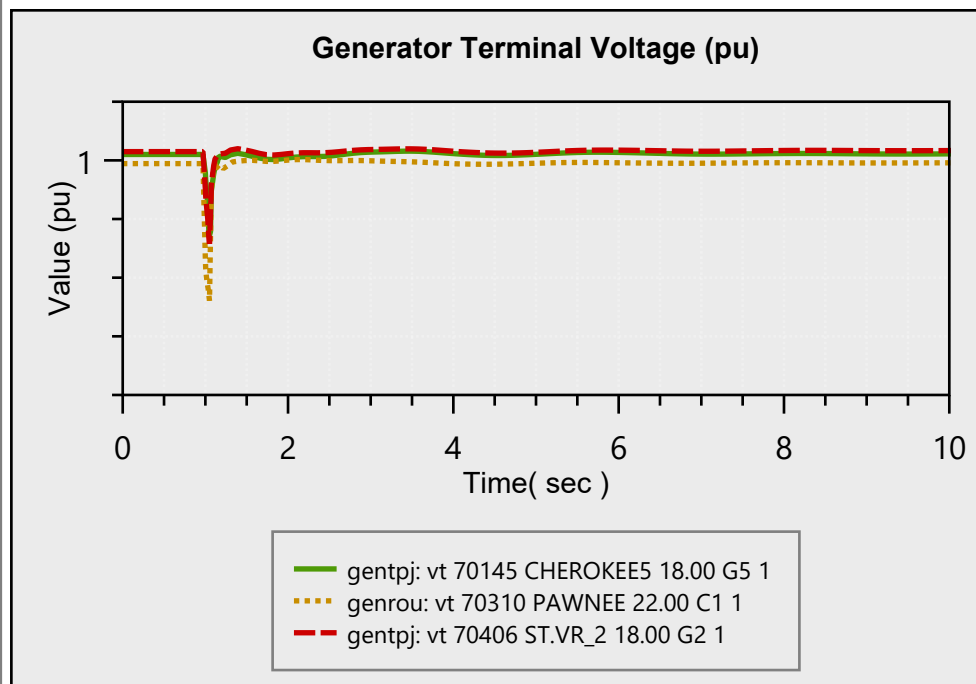
OUTPUTS



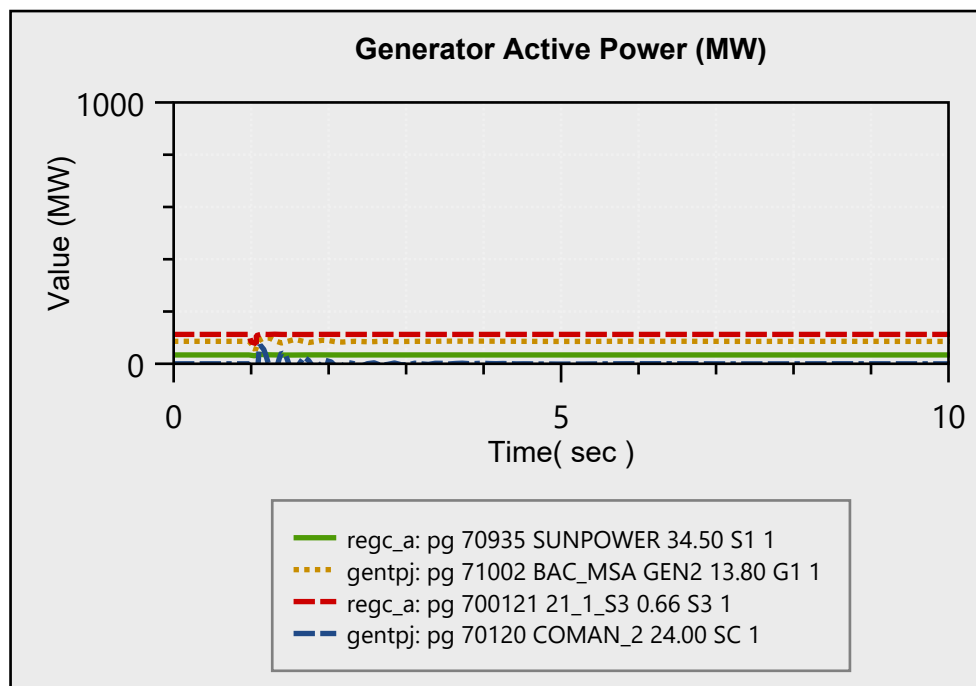
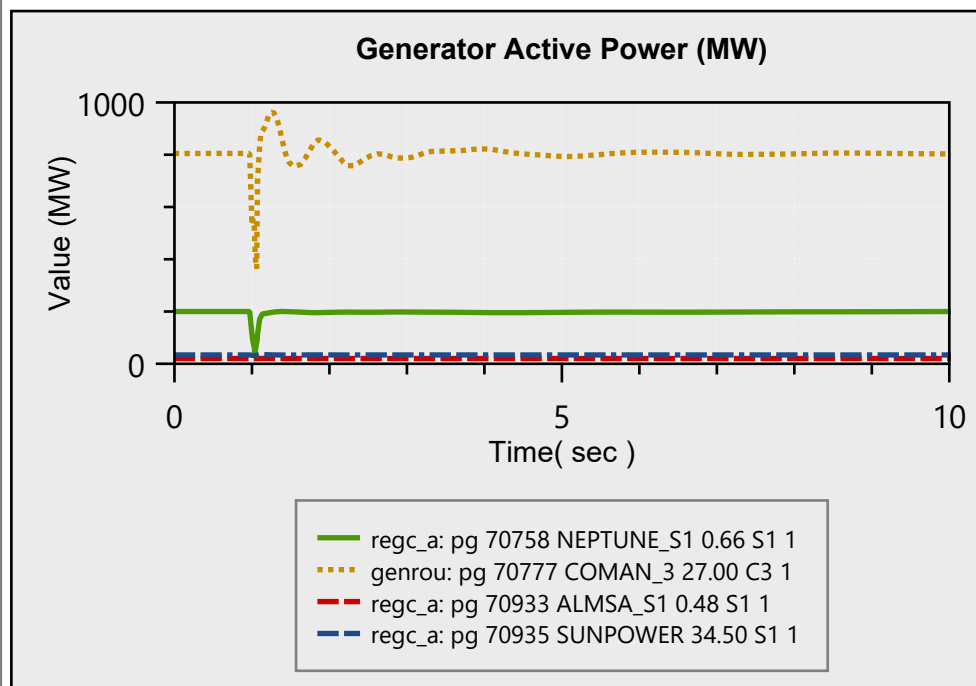
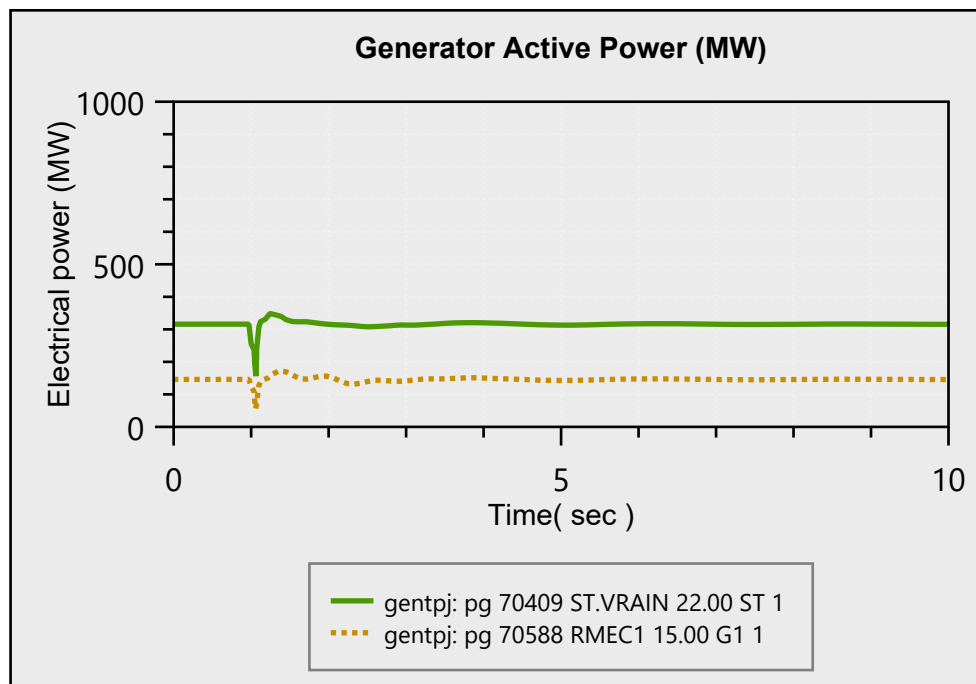
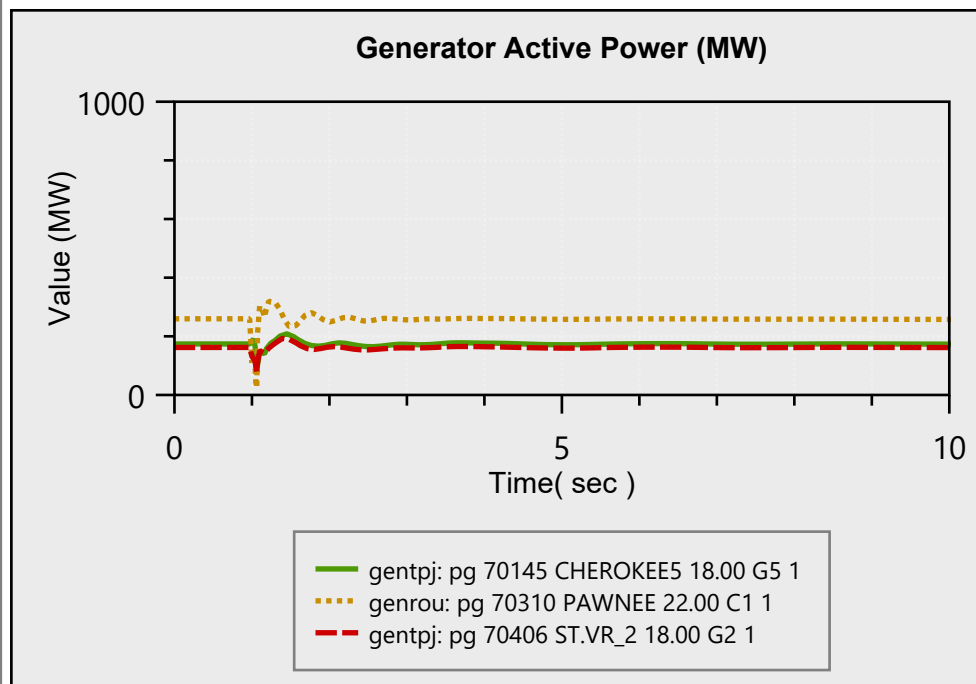
OUTPUTS



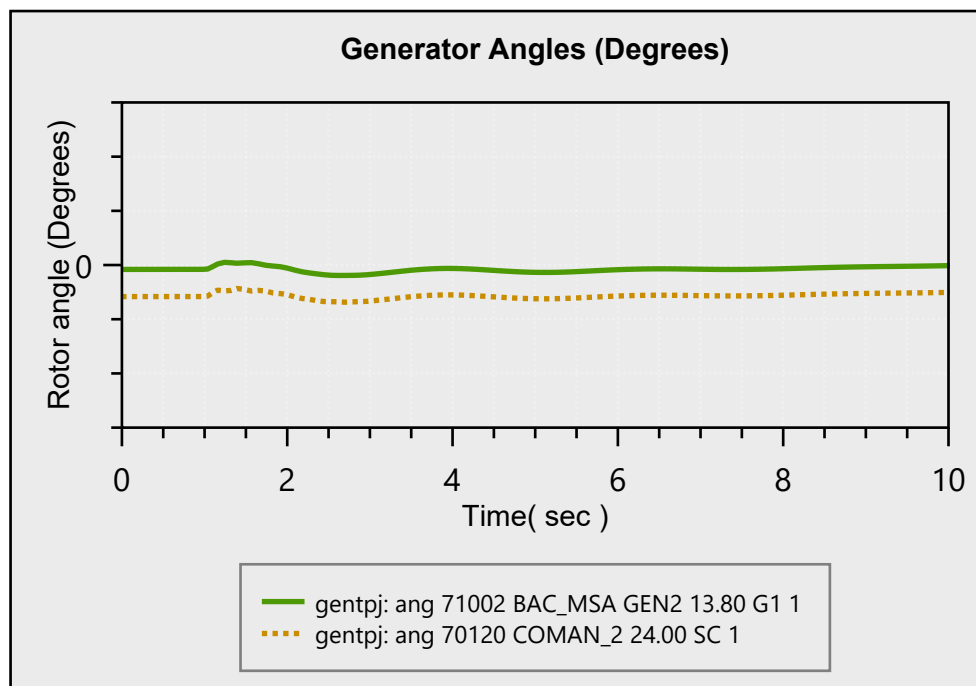
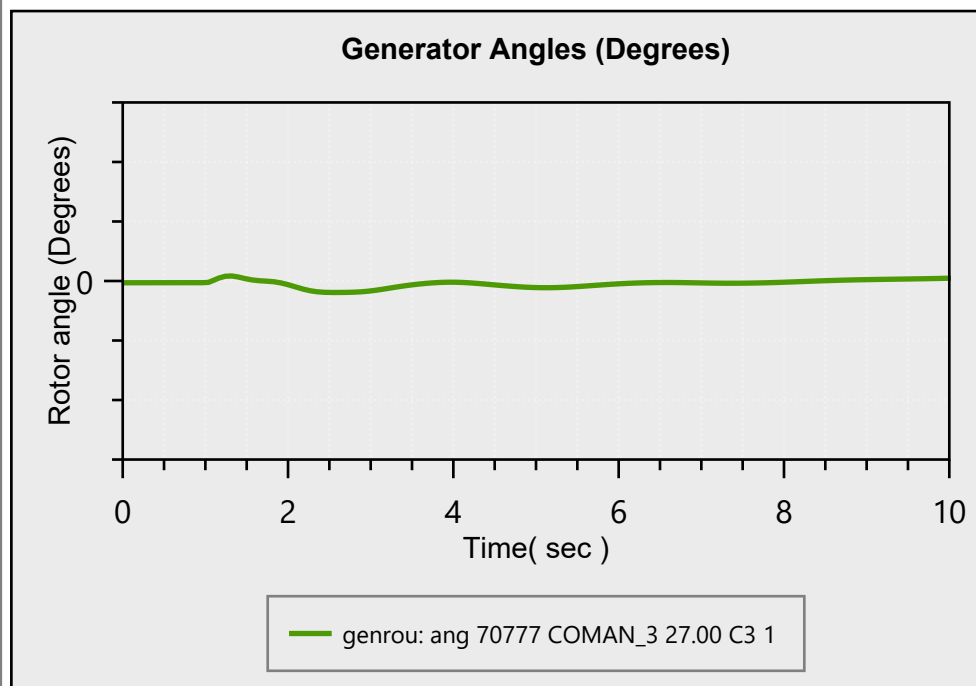
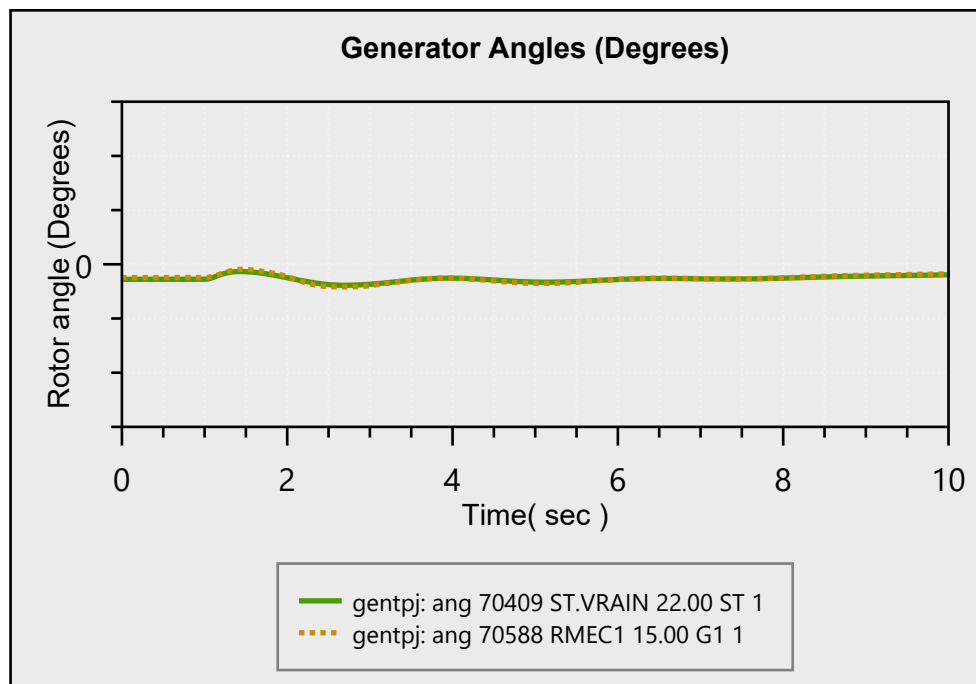
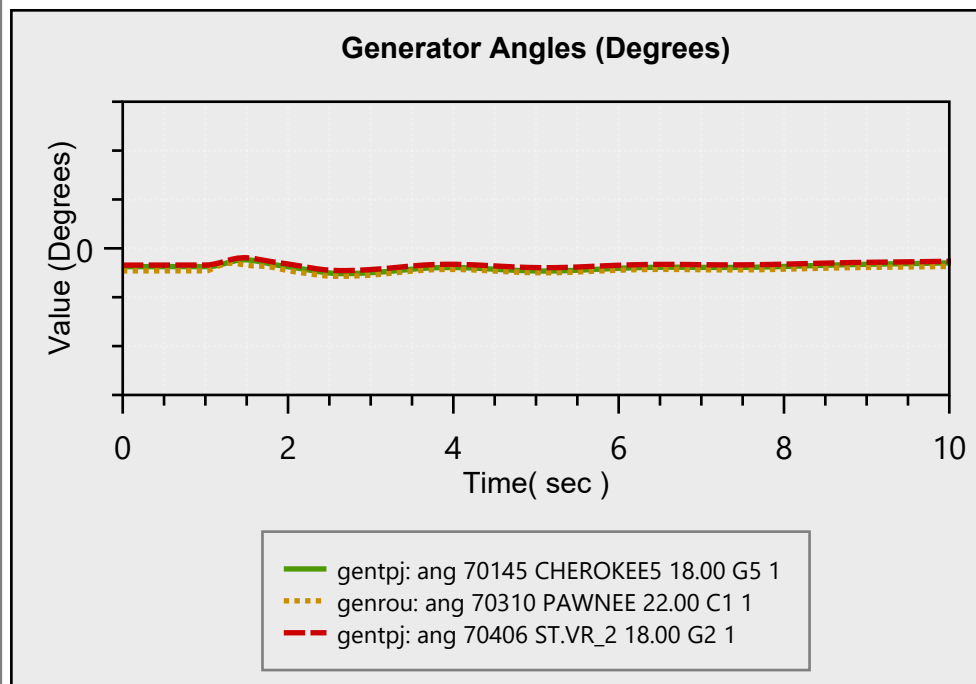
OUTPUTS



OUTPUTS

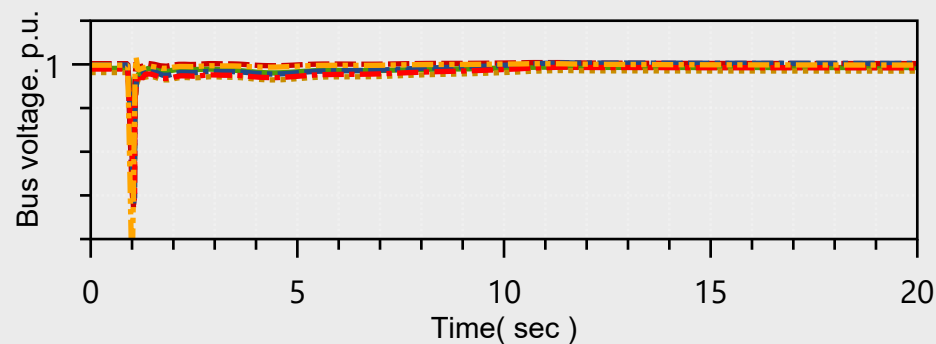


OUTPUTS



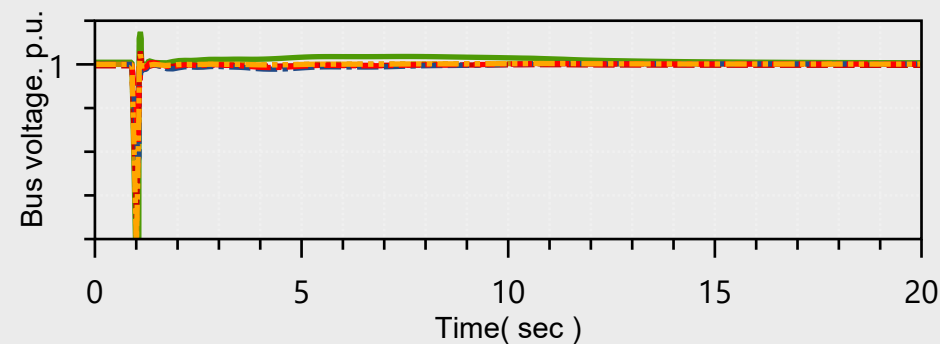
OUTPUTS

Voltage (pu)



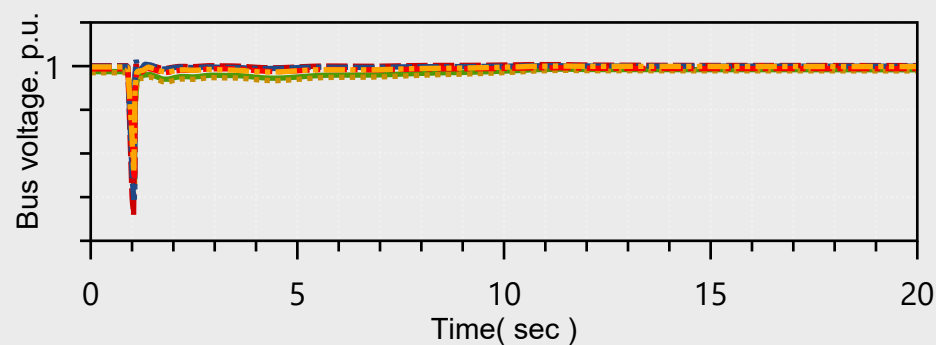
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 vmeta: vbus 70466 WATERTON 345.00 1 1
 vmeta: vbus 70598 PAWNEE 345.00 1 1
 vmeta: vbus 70599 SMOKY_HL 345.00 1 1
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Voltage (pu)



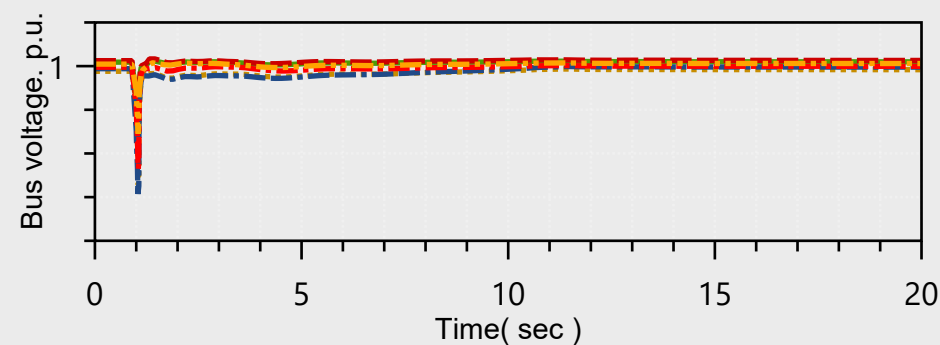
vmeta: vbus 70627 LIMON3 345.00 1 1
 vmeta: vbus 70628 PRONGHORN 345.00 1 1
 vmeta: vbus 70630 SHORTGRASS 345.00 1 1
 vmeta: vbus 70653 TUNDRA 345.00 1 1
 vmeta: vbus 70654 COMANCHE 345.00 1 1
 vmeta: vbus 70764 RUSHCK1_W1W2 345.00 1 1

Voltage (pu)



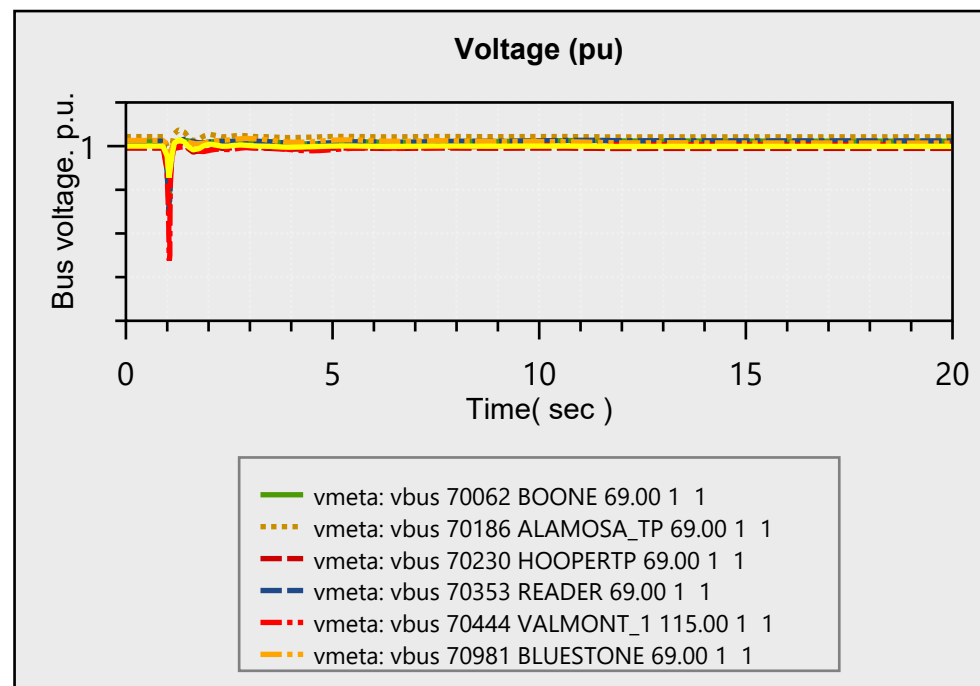
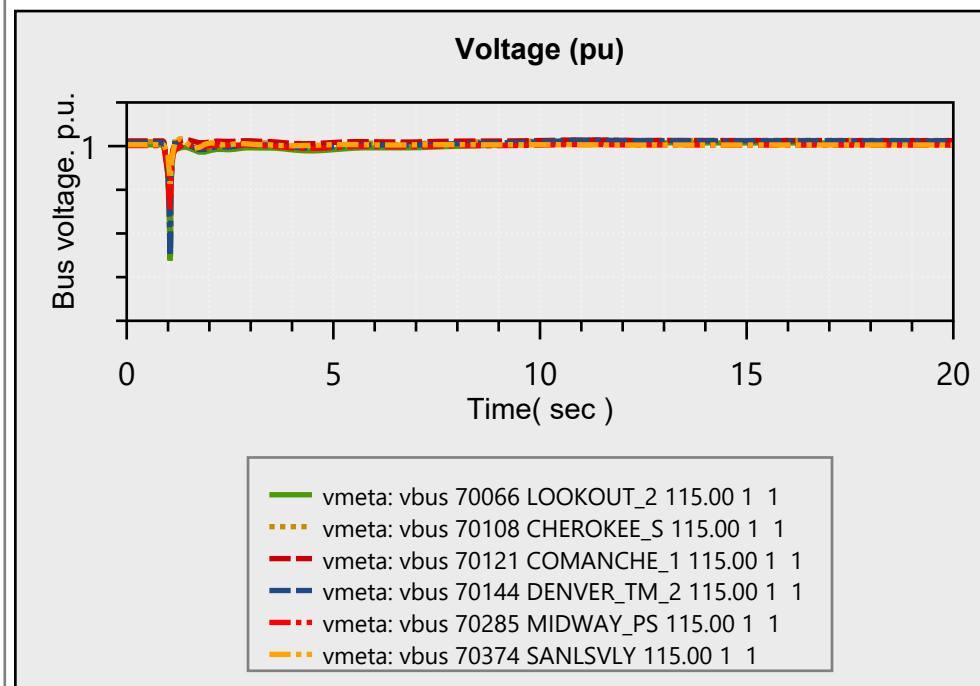
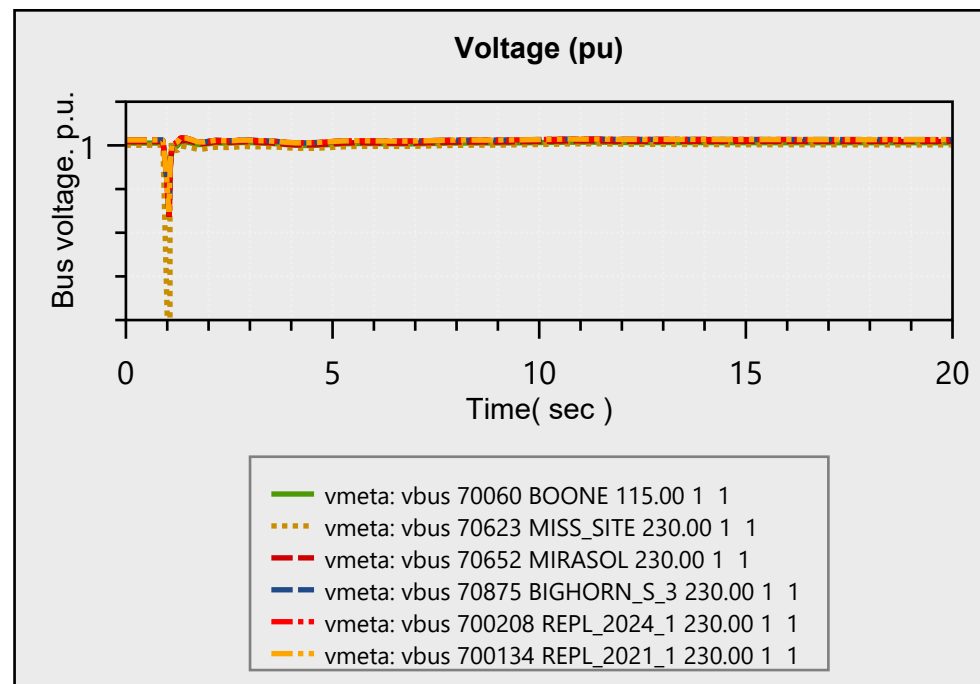
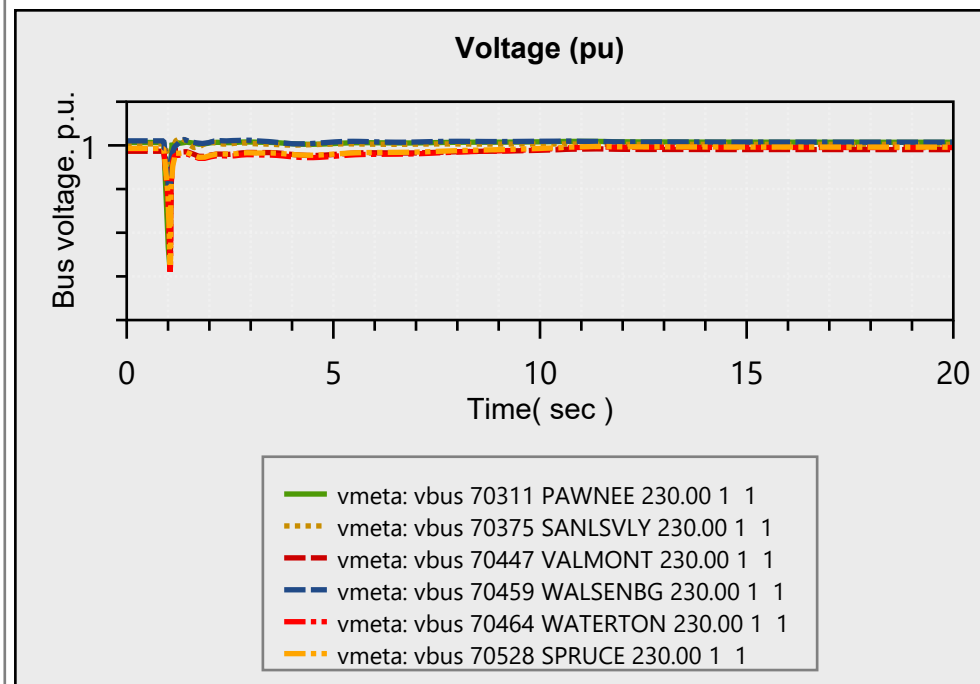
vmeta: vbus 70018 SODA_LAKES 230.00 1 1
 vmeta: vbus 70038 ARAPAHOE 230.00 1 1
 vmeta: vbus 70915 CANAL_XING 345.00 1 1
 vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
 vmeta: vbus 70916 FT_ST_VRAIN 345.00 1 1
 vmeta: vbus 70921 SANDSTONE 345.00 1 1

Voltage (pu)

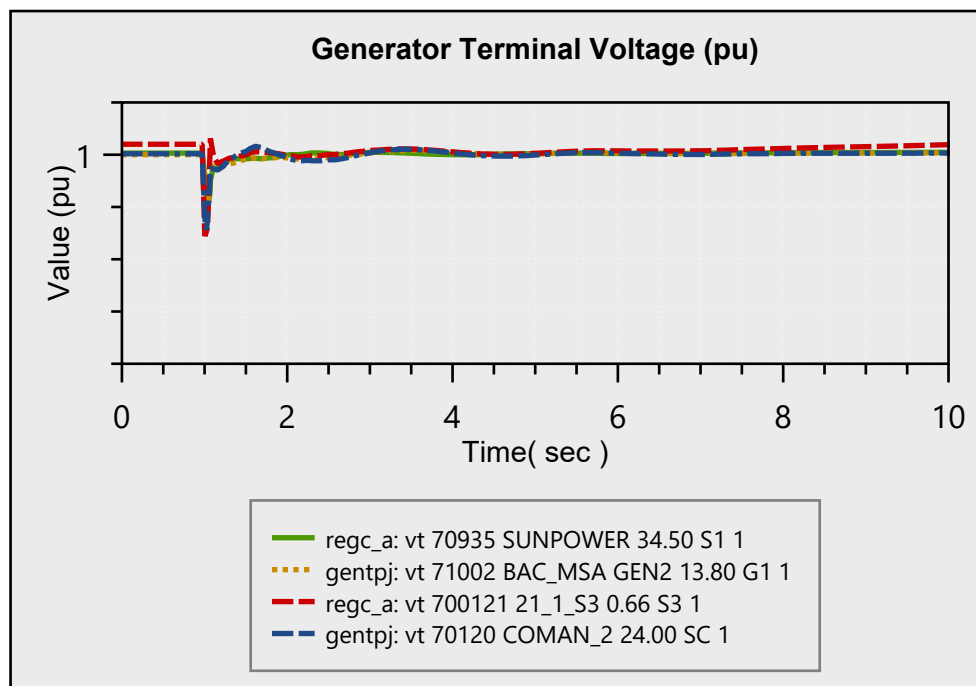
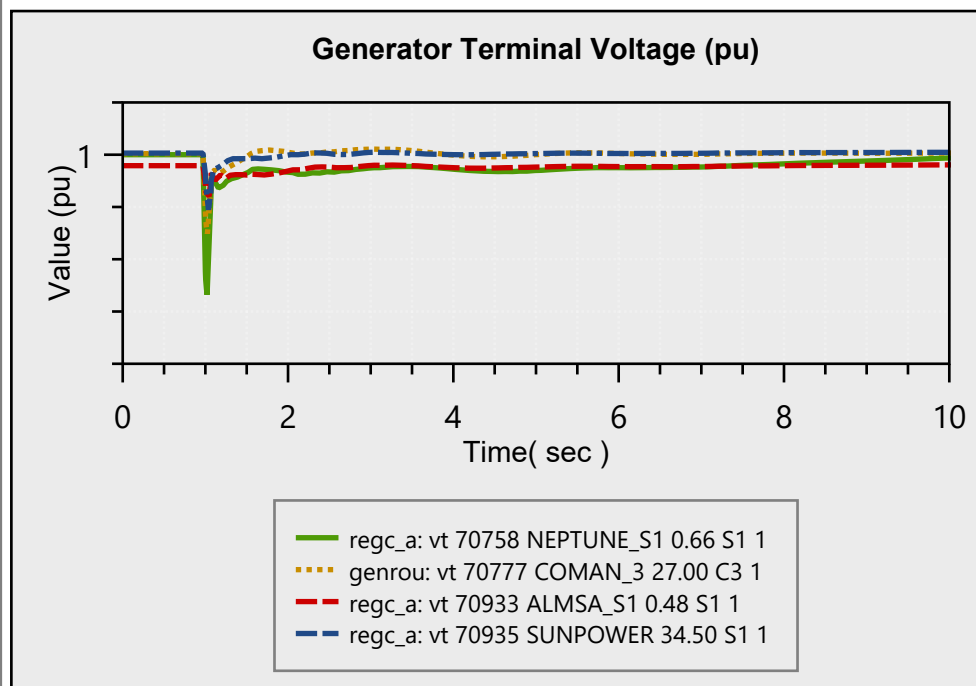
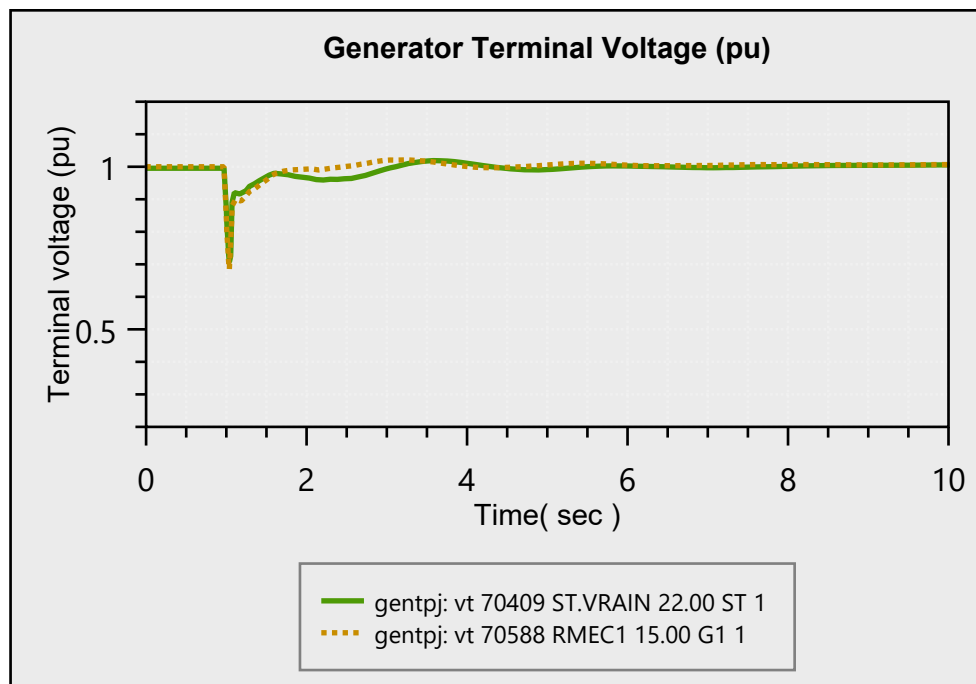
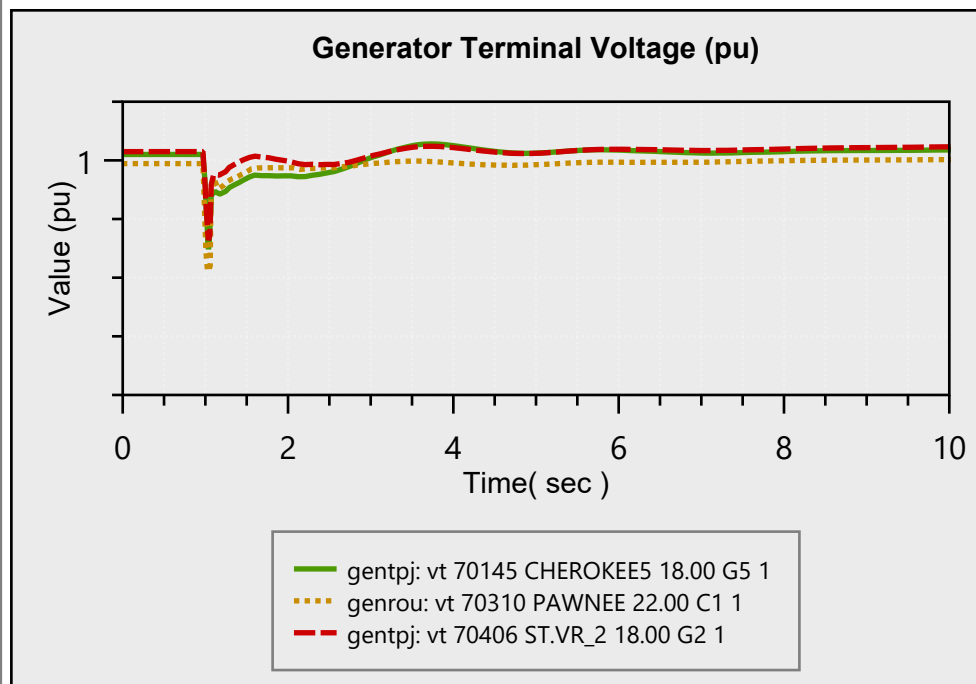


vmeta: vbus 70061 BOONE 230.00 1 1
 vmeta: vbus 70107 CHEROKEE 230.00 1 1
 vmeta: vbus 70122 COMANCHE 230.00 1 1
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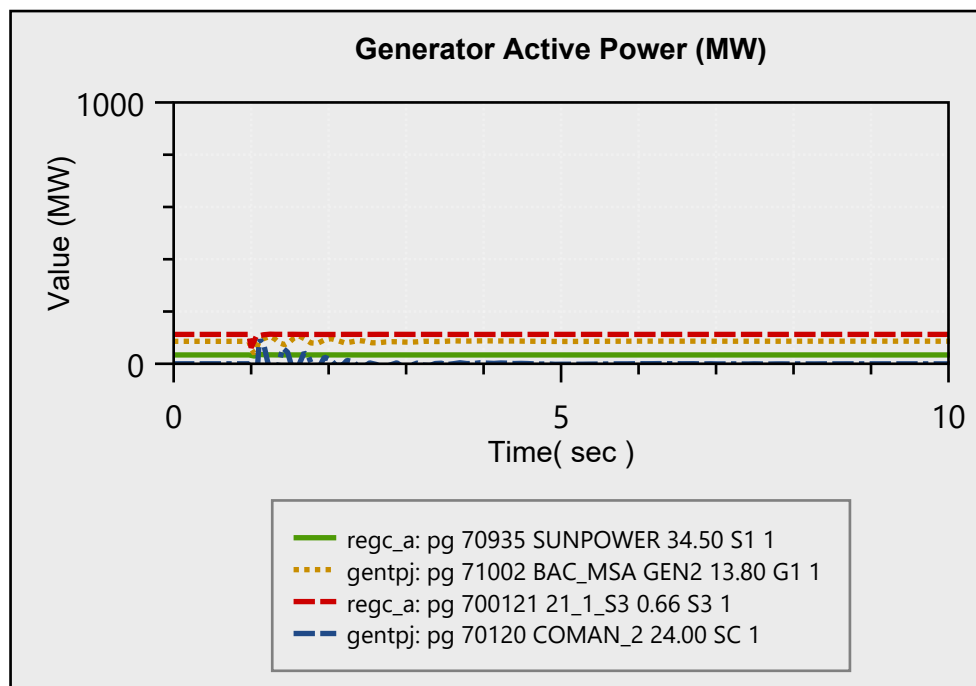
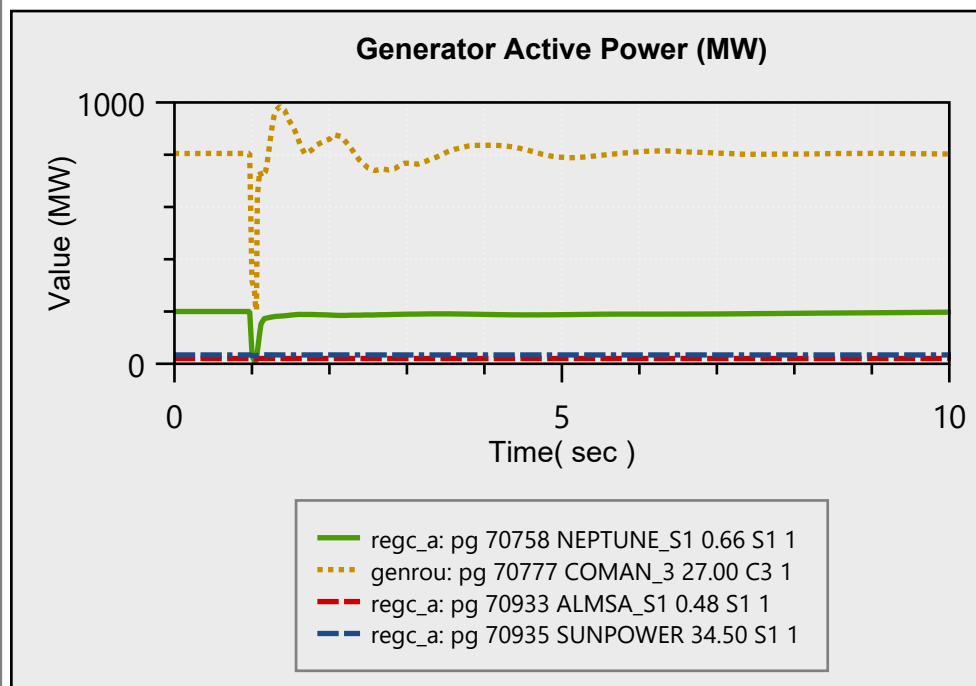
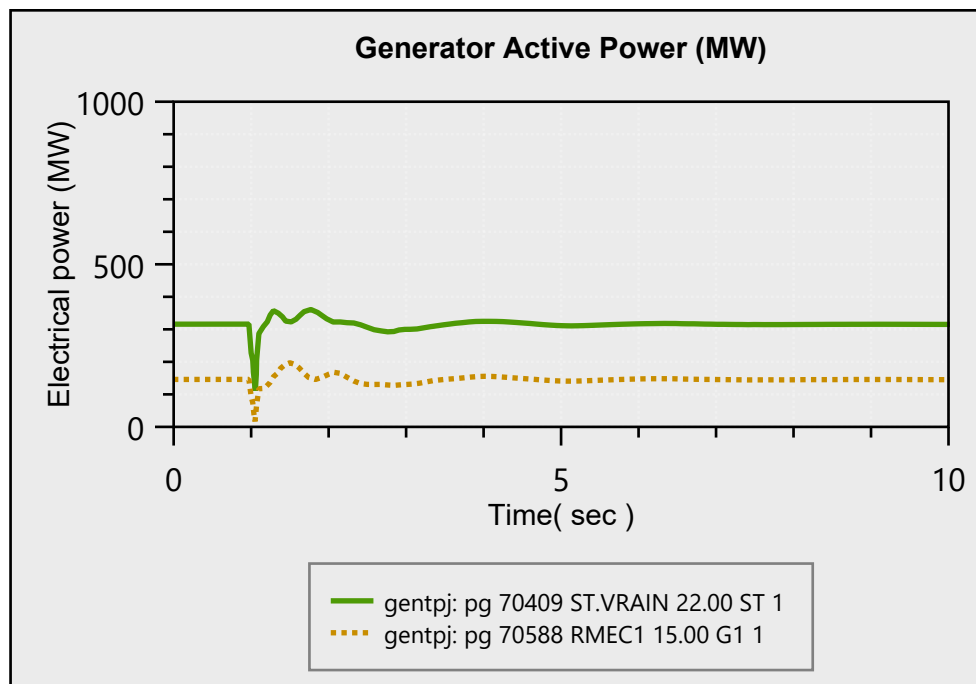
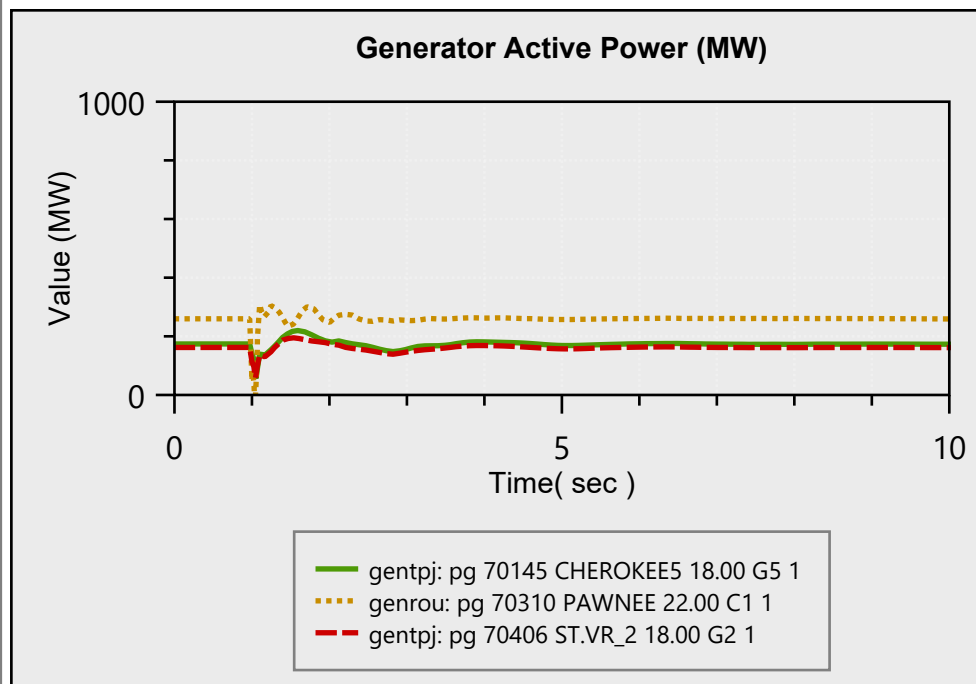
OUTPUTS



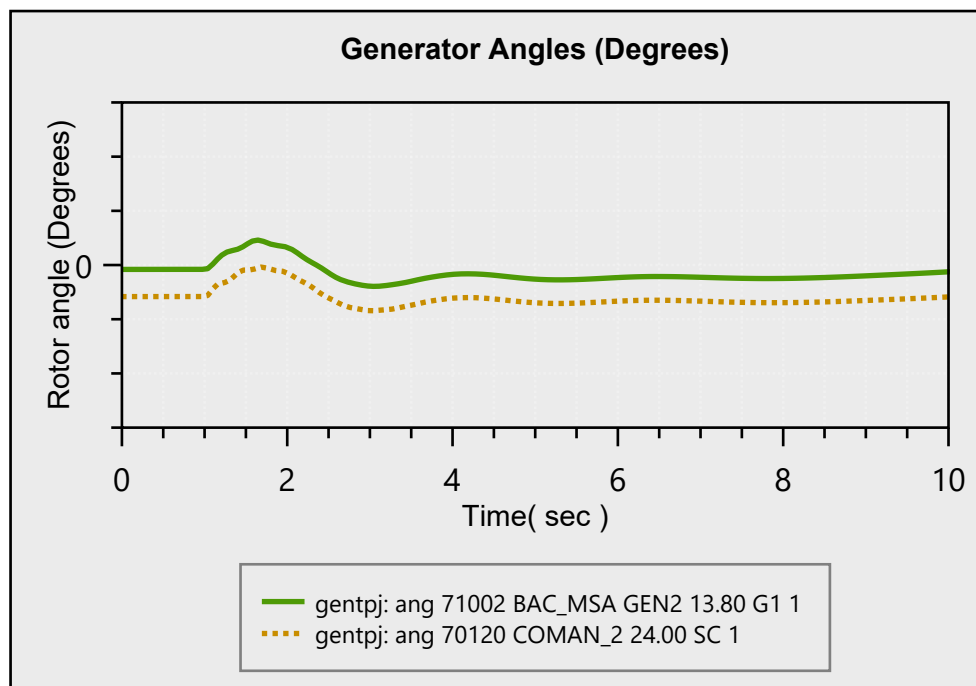
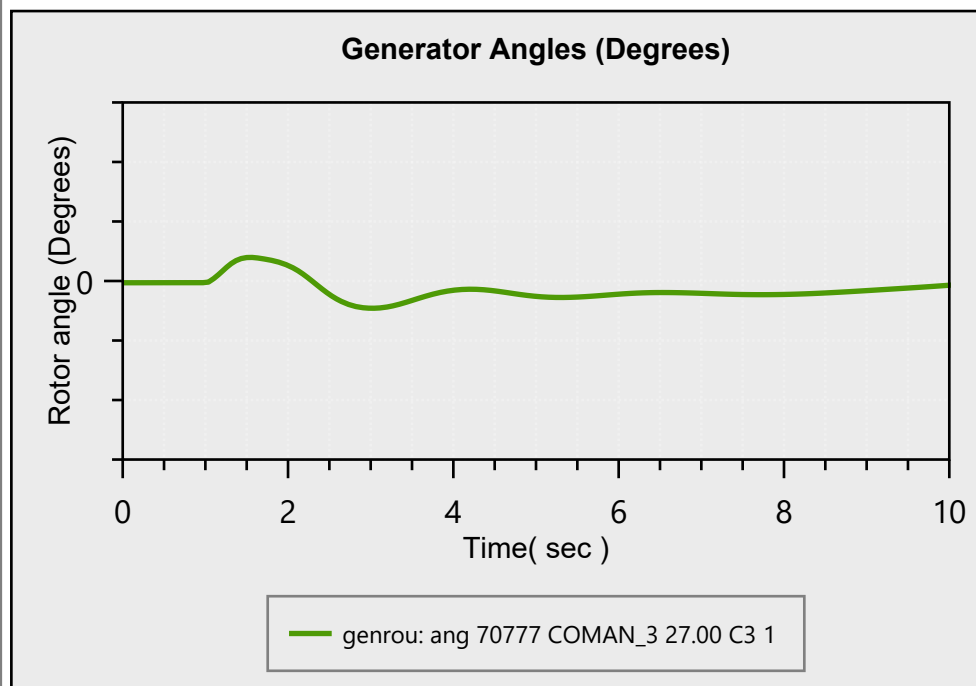
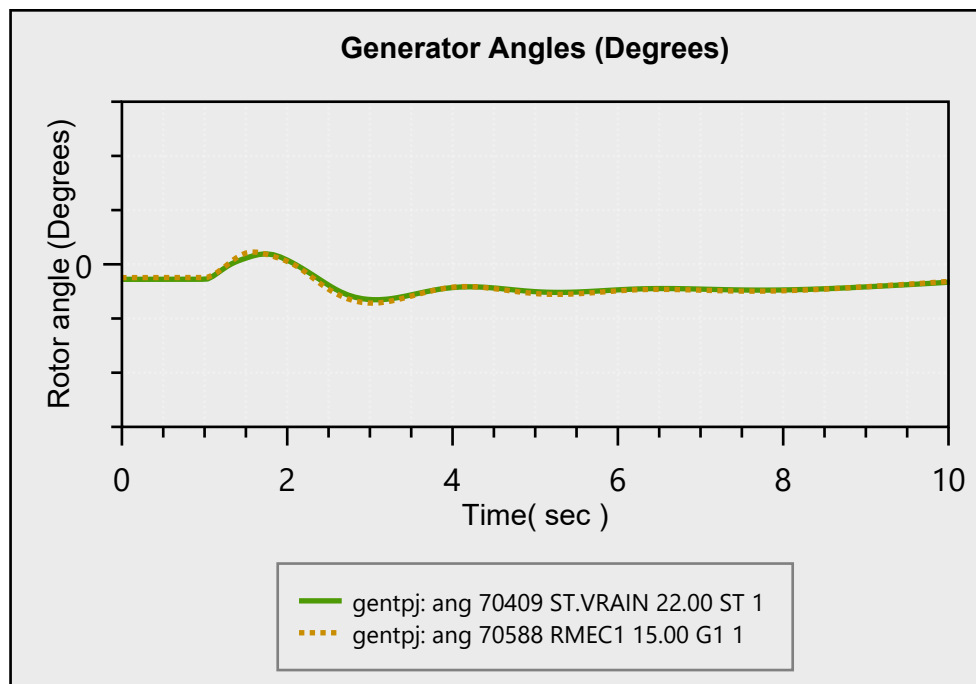
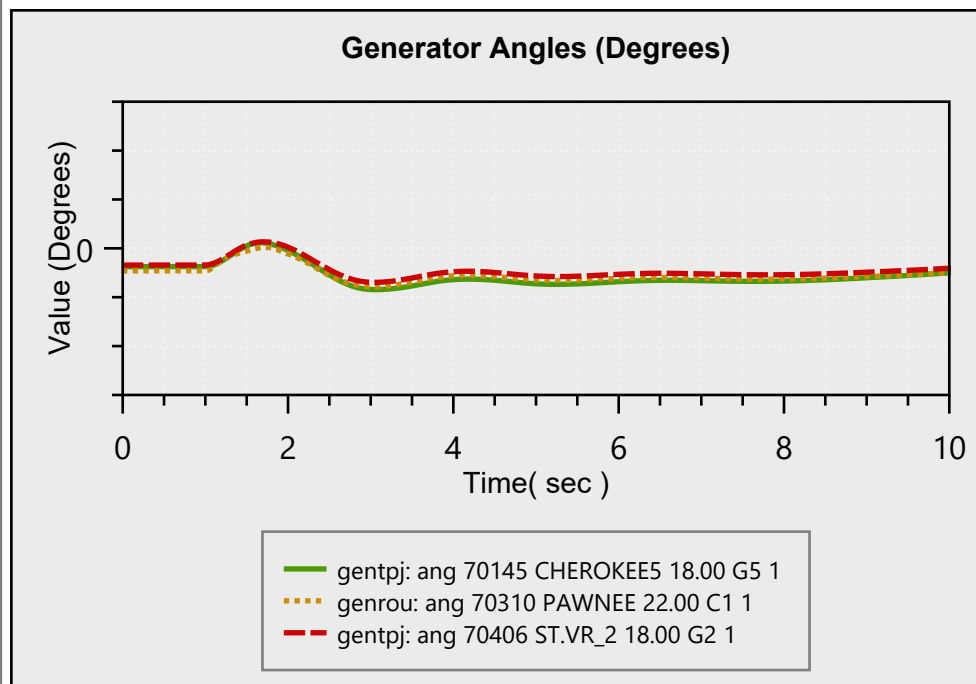
OUTPUTS



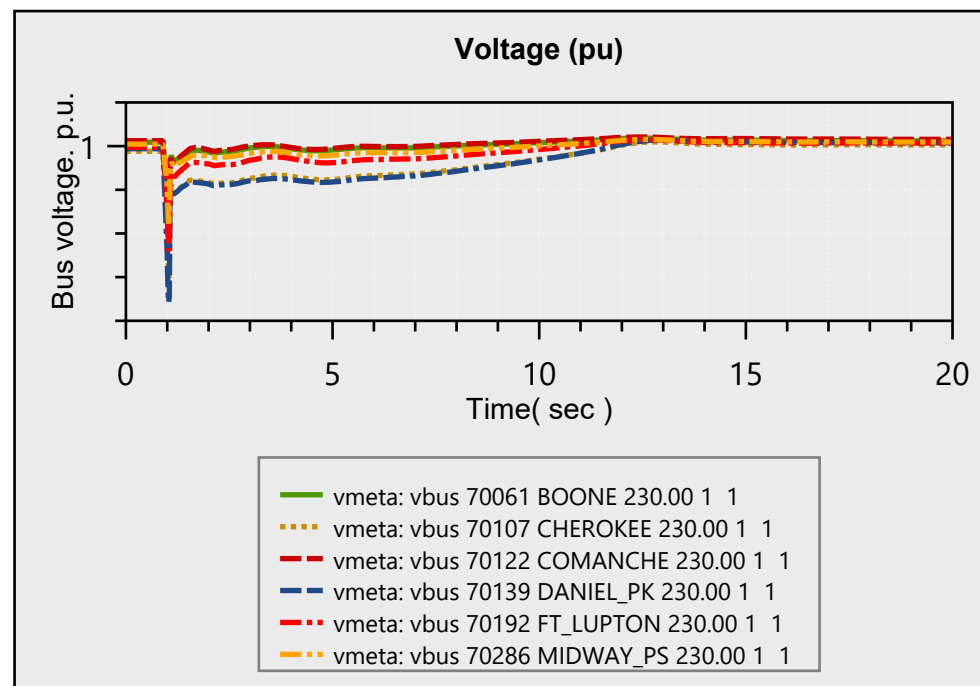
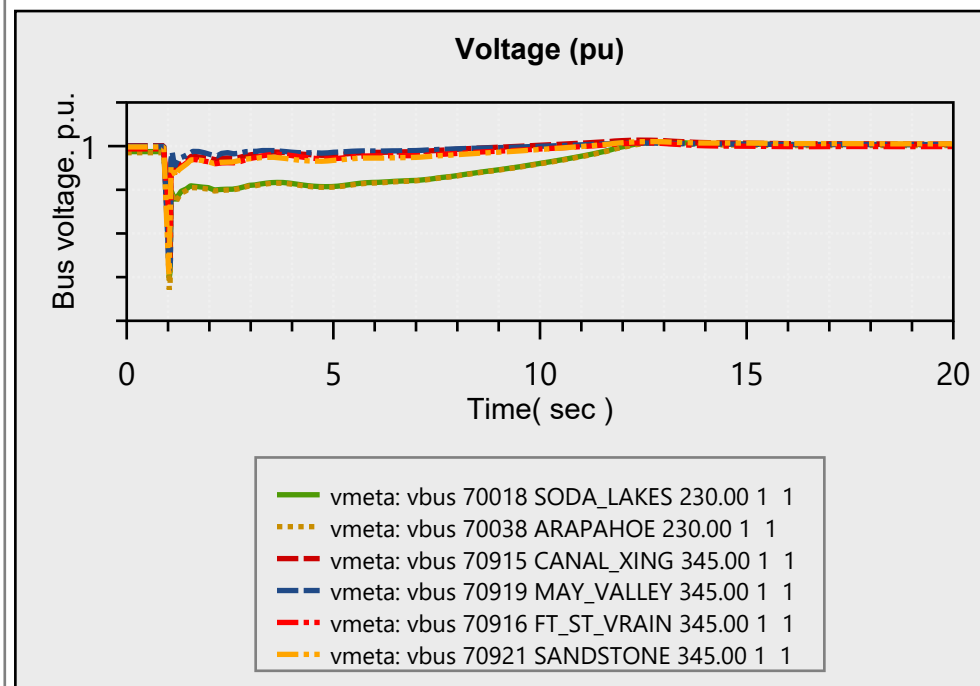
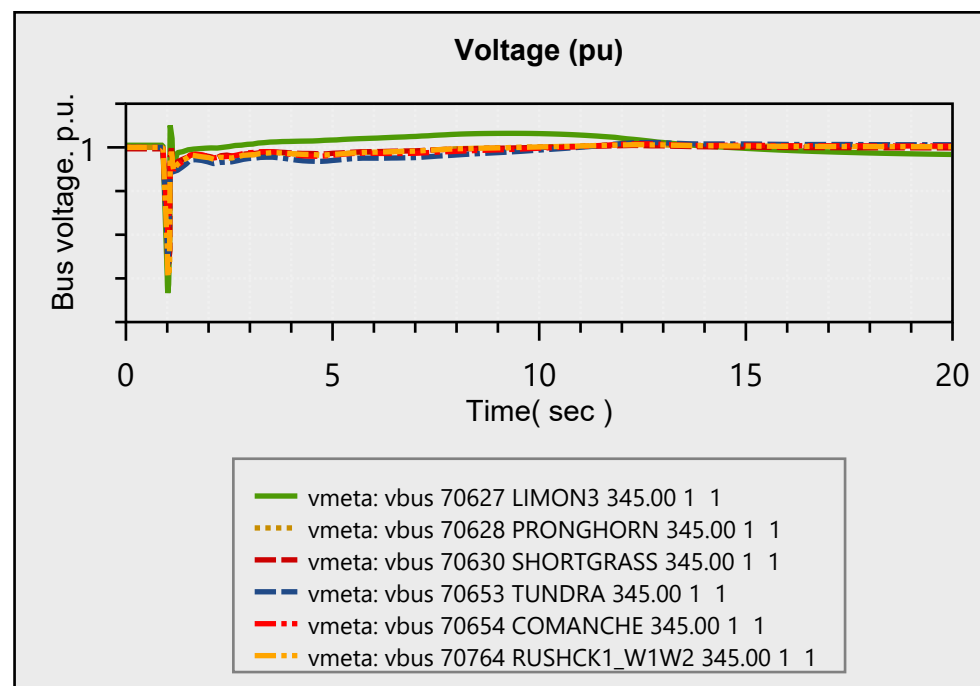
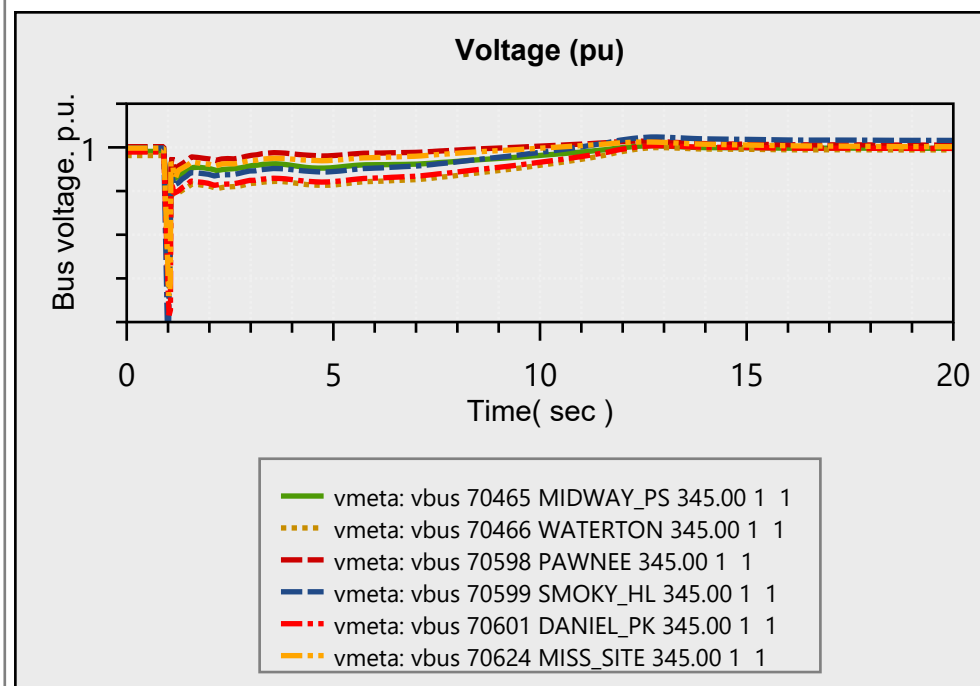
OUTPUTS



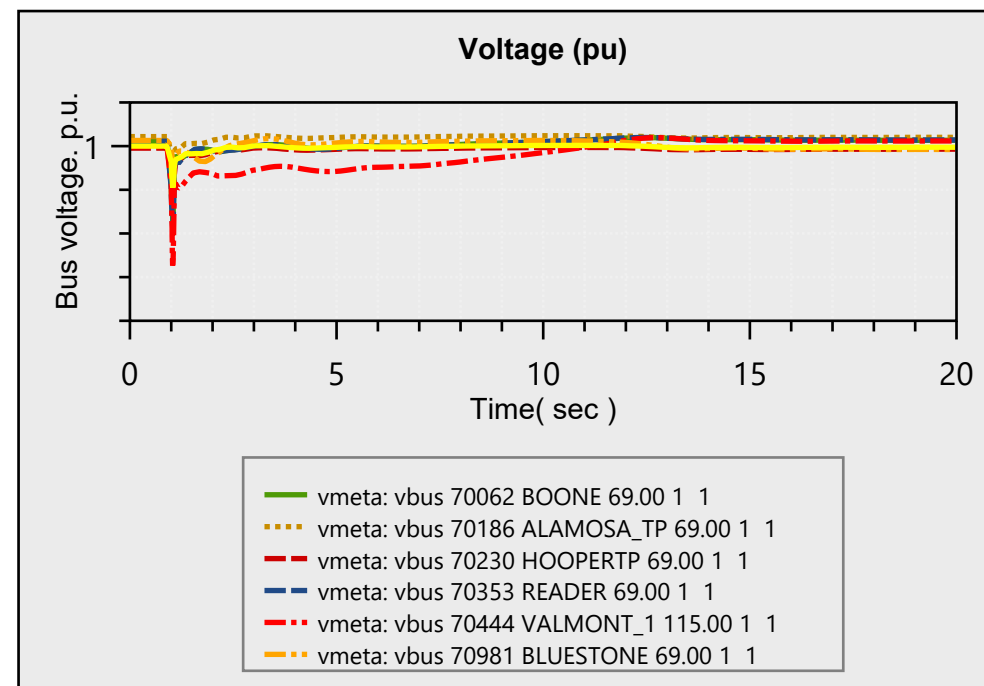
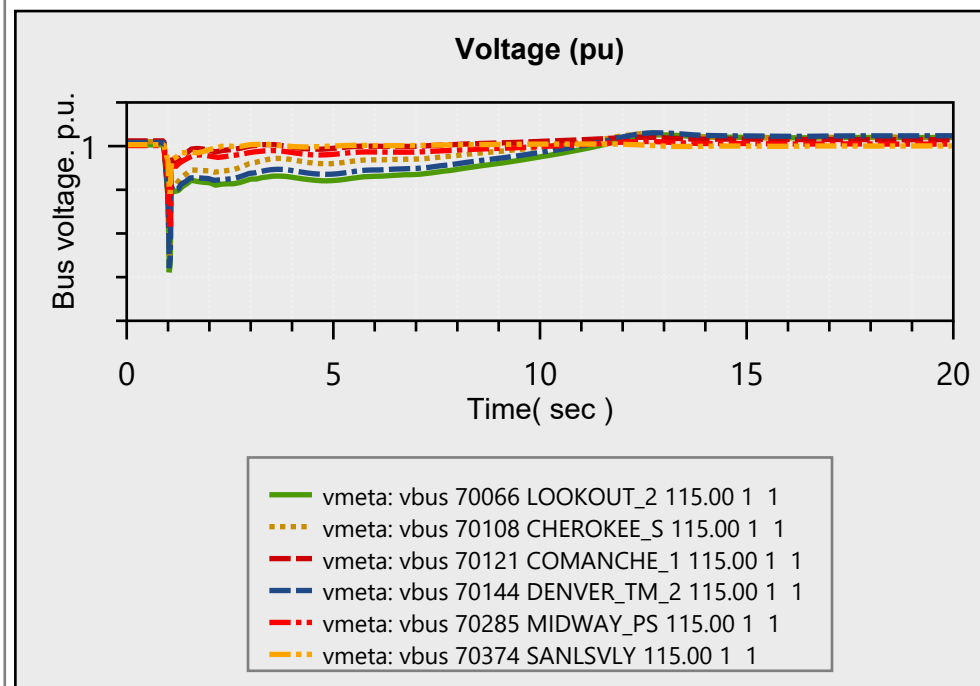
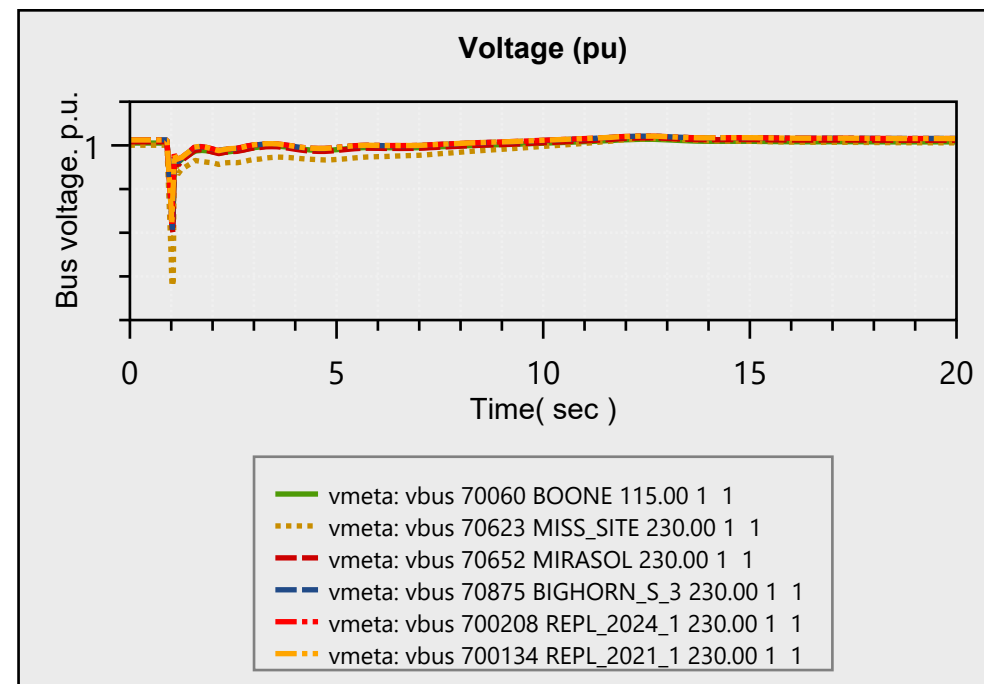
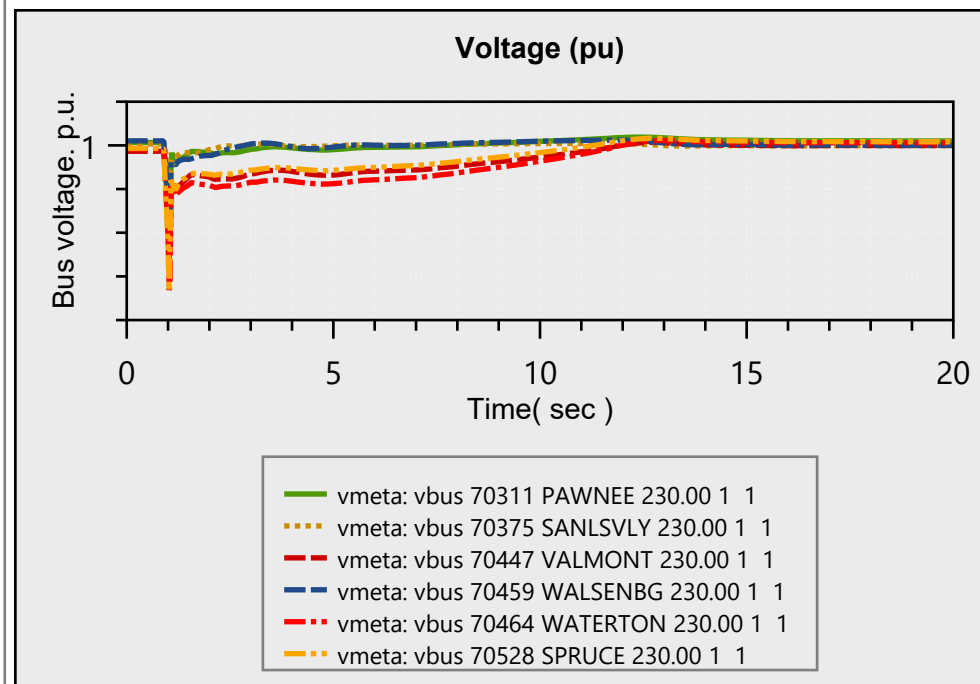
OUTPUTS



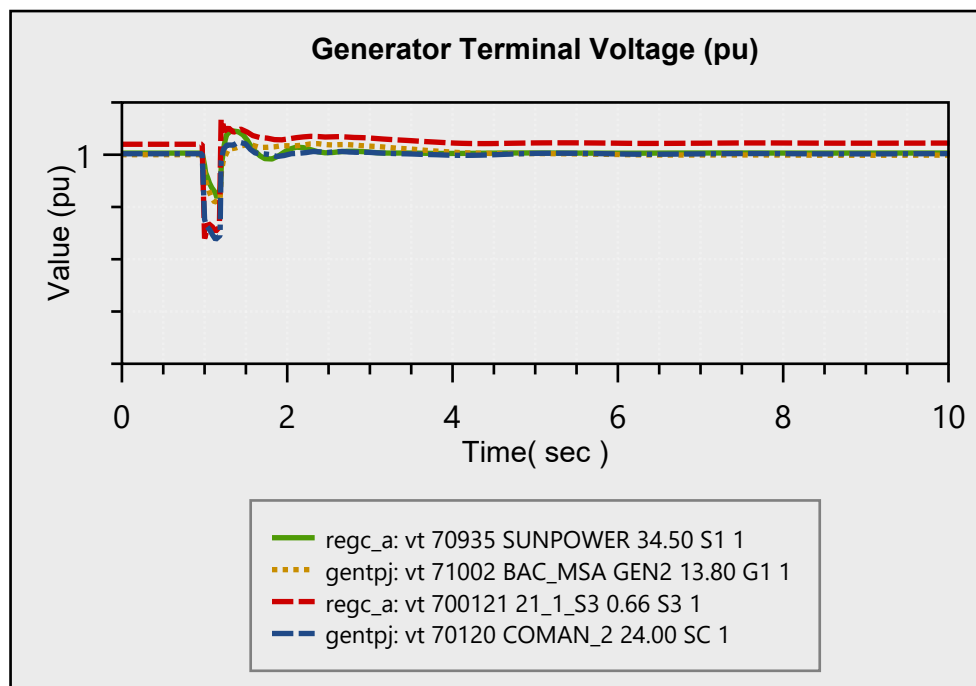
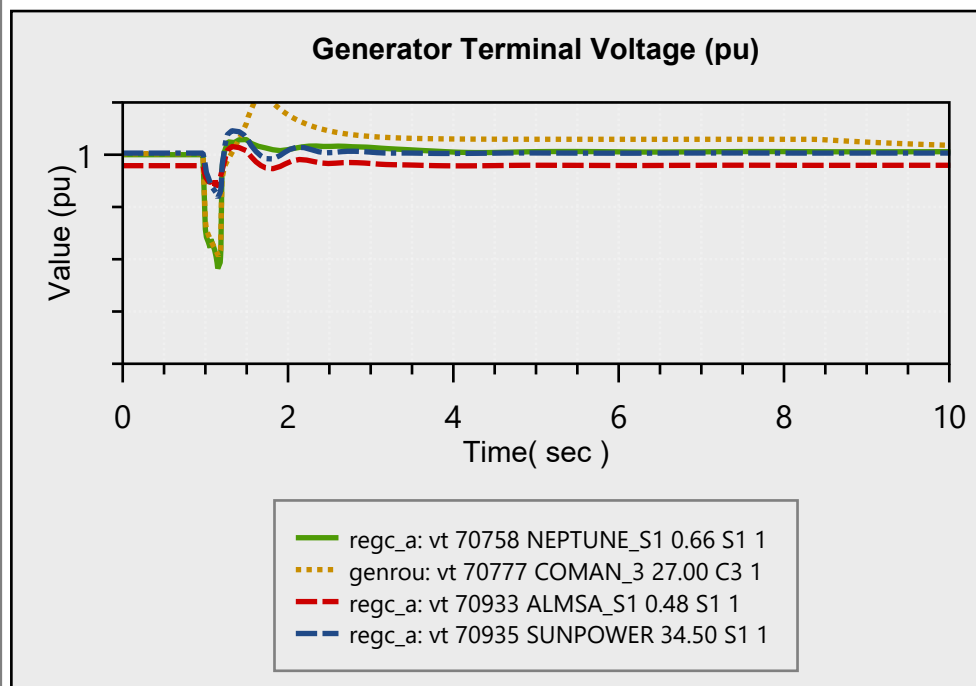
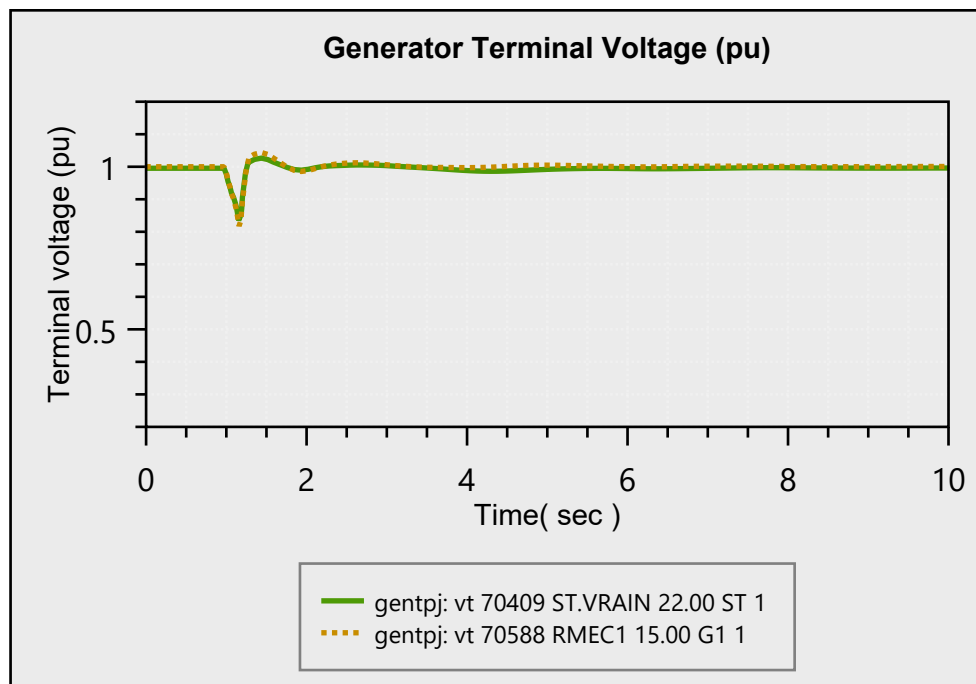
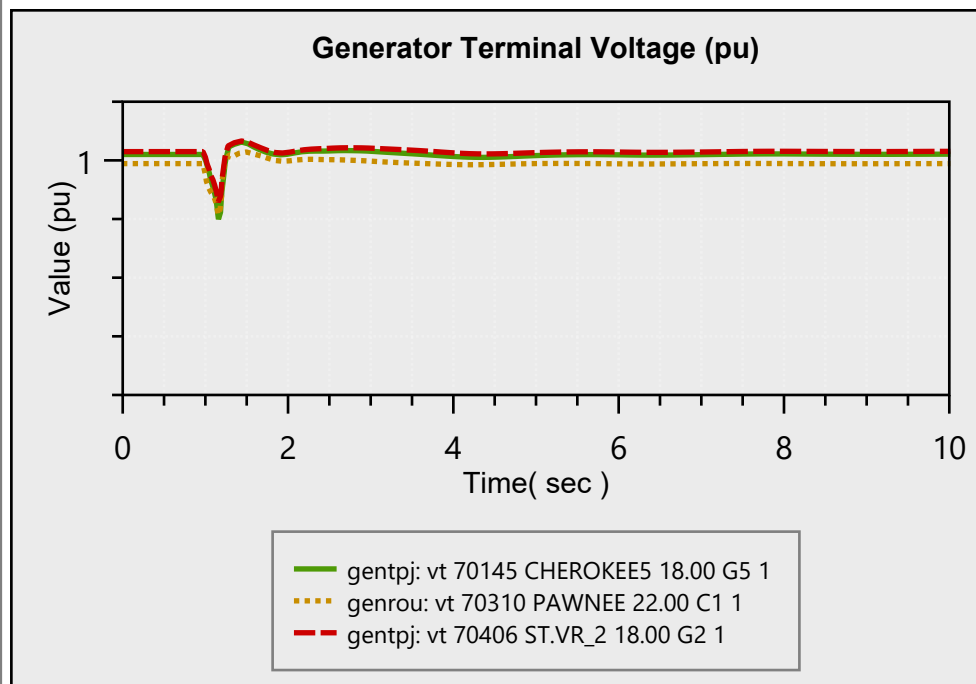
OUTPUTS



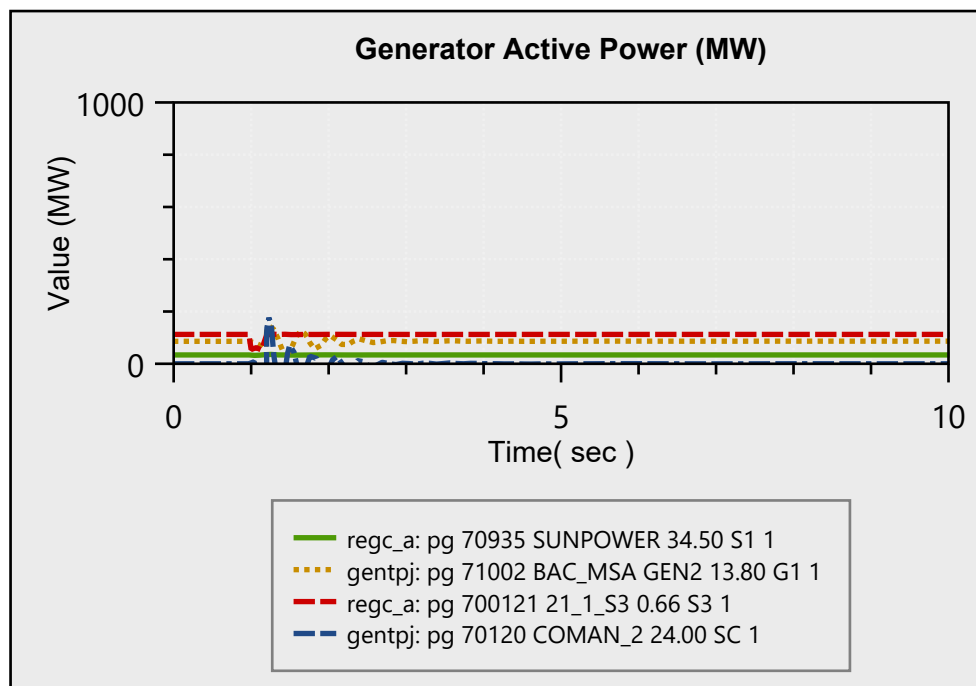
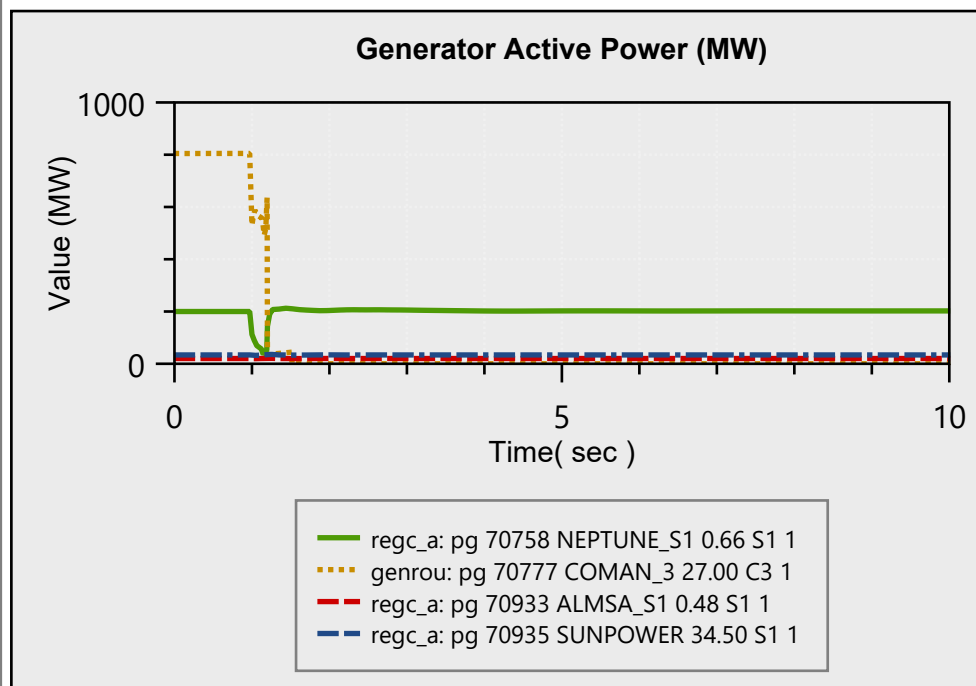
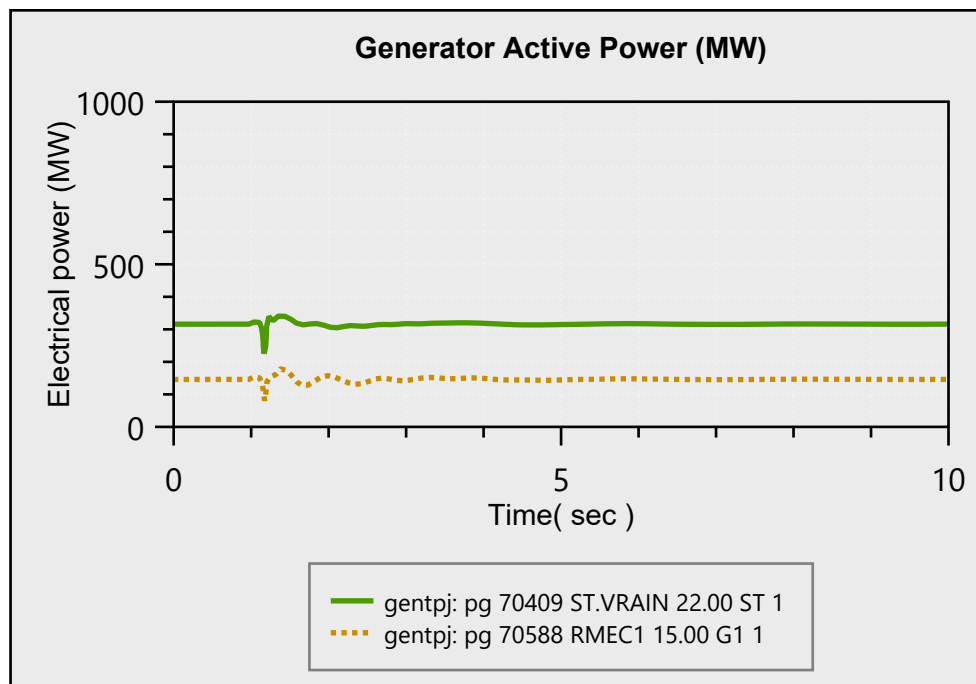
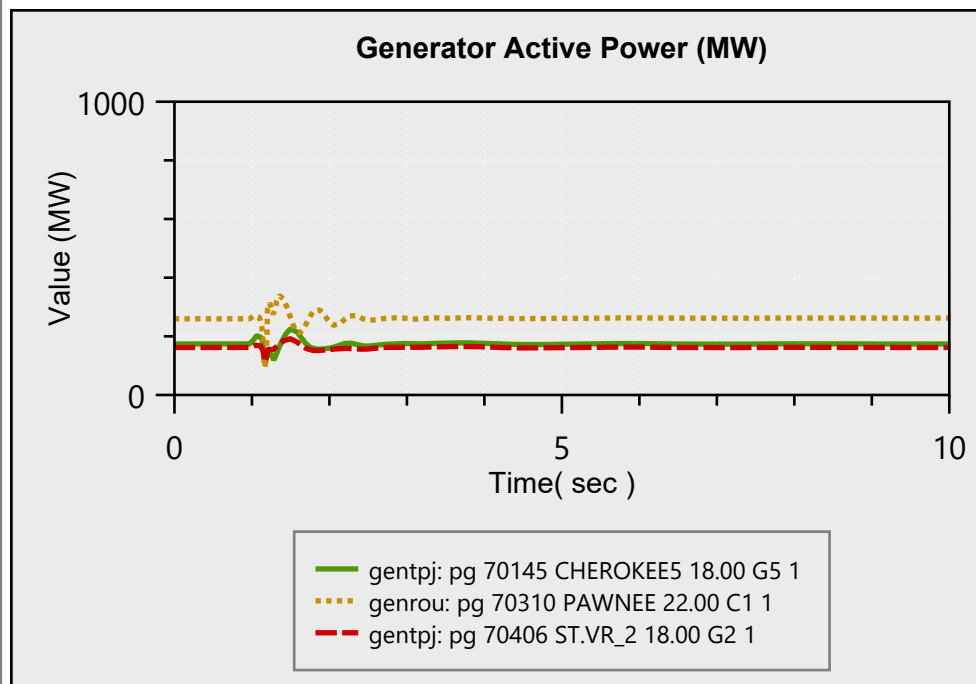
OUTPUTS



OUTPUTS

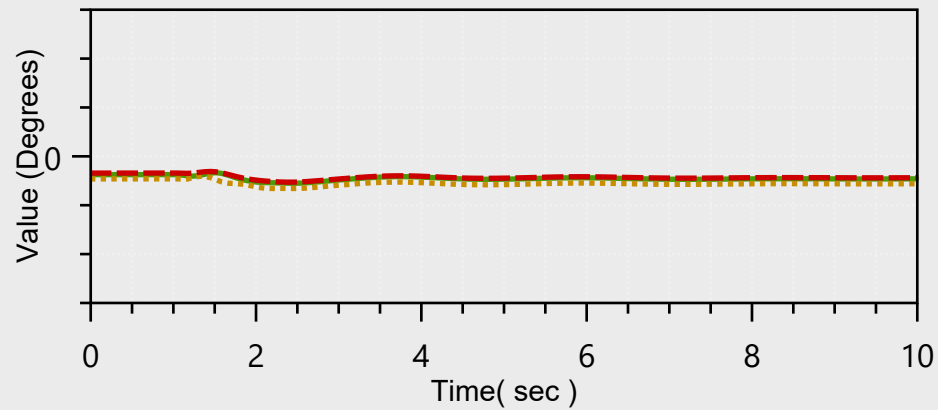


OUTPUTS

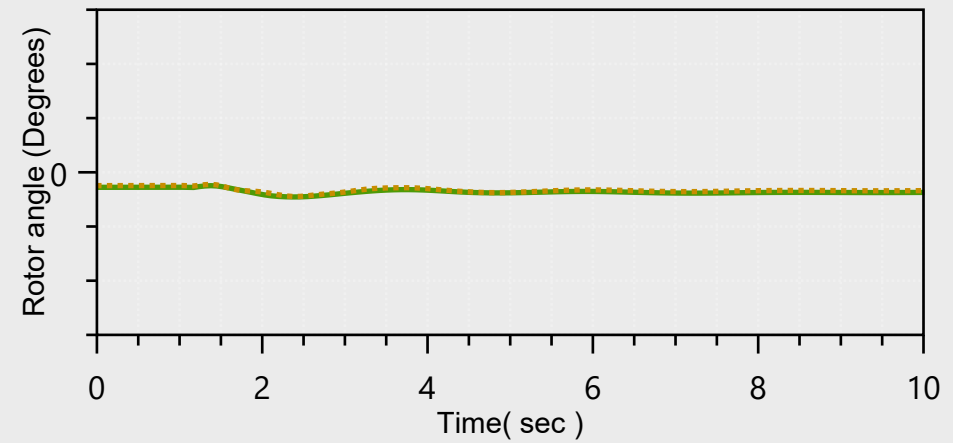


OUTPUTS

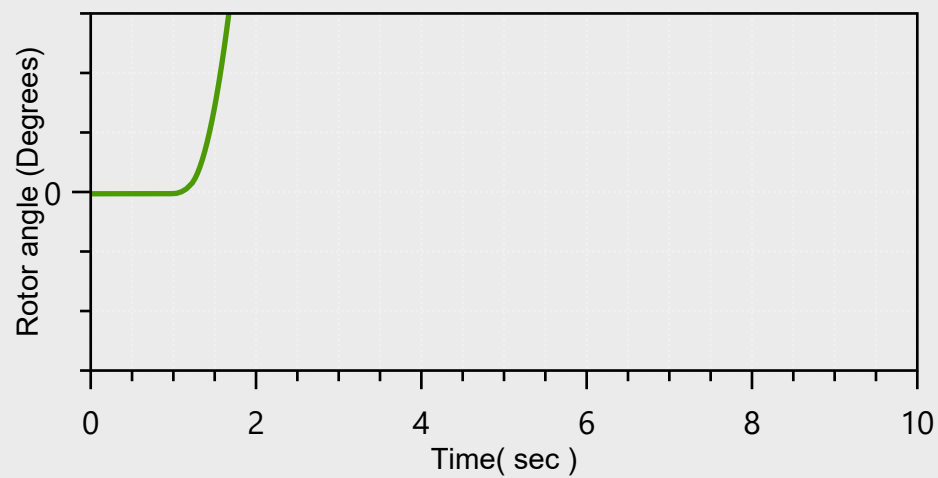
Generator Angles (Degrees)



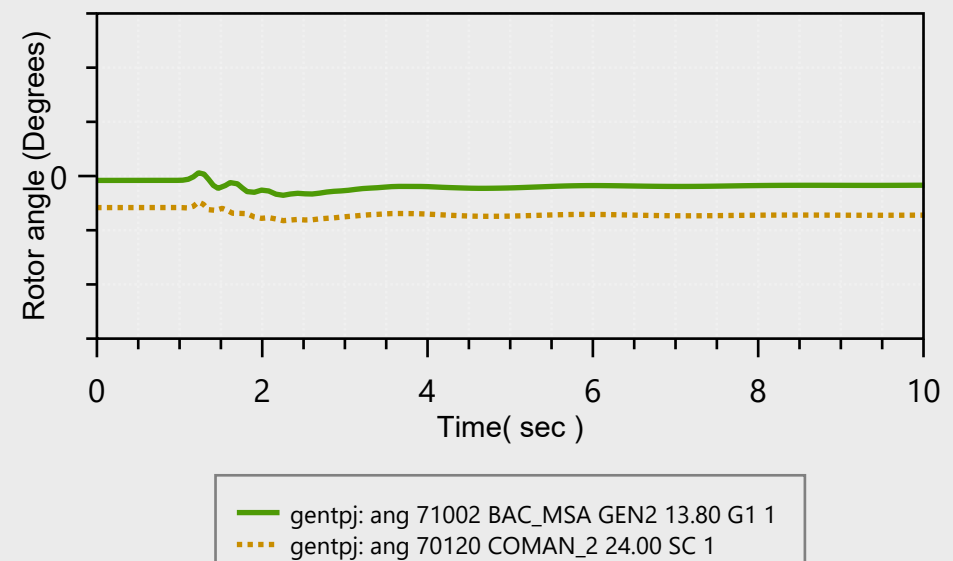
Generator Angles (Degrees)



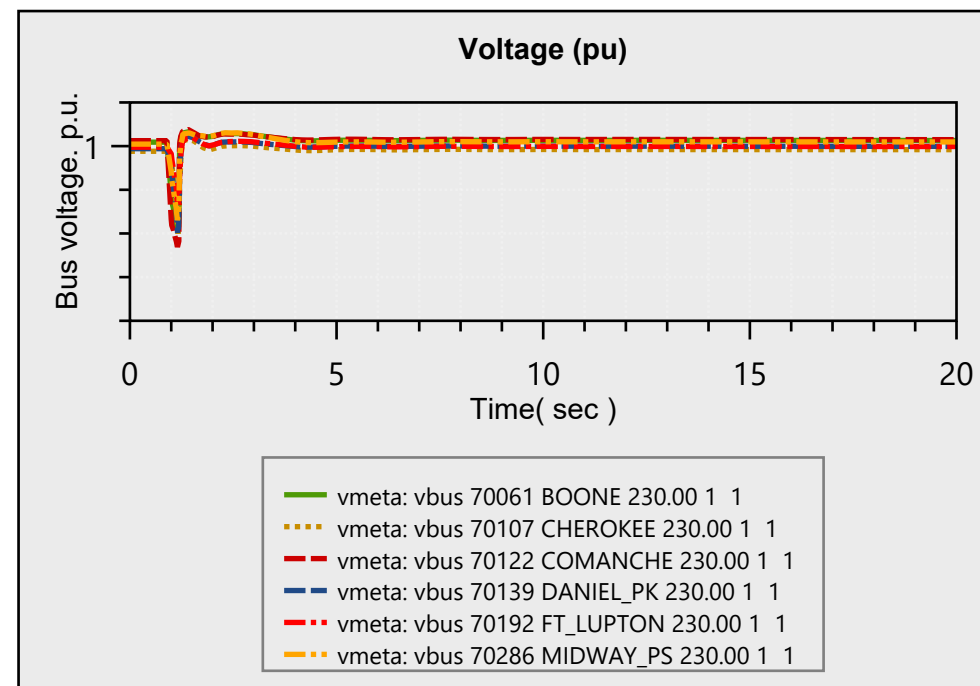
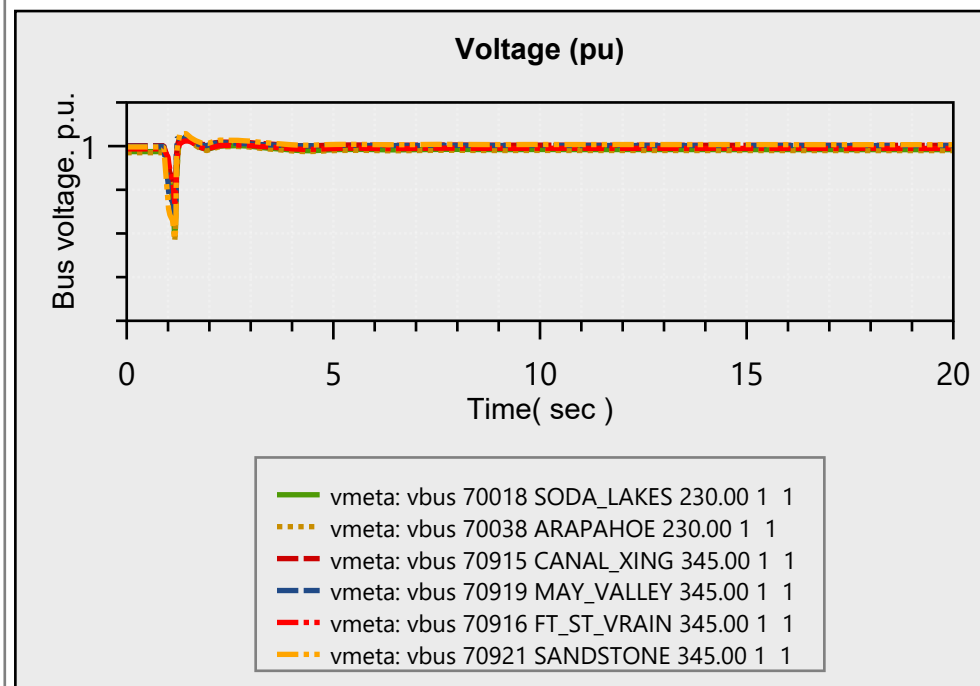
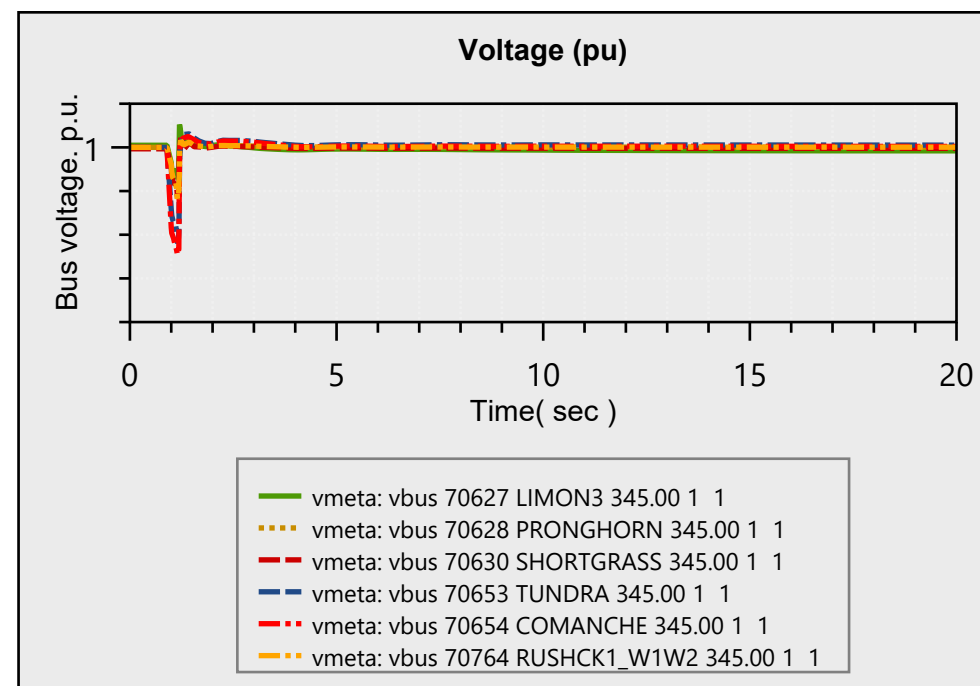
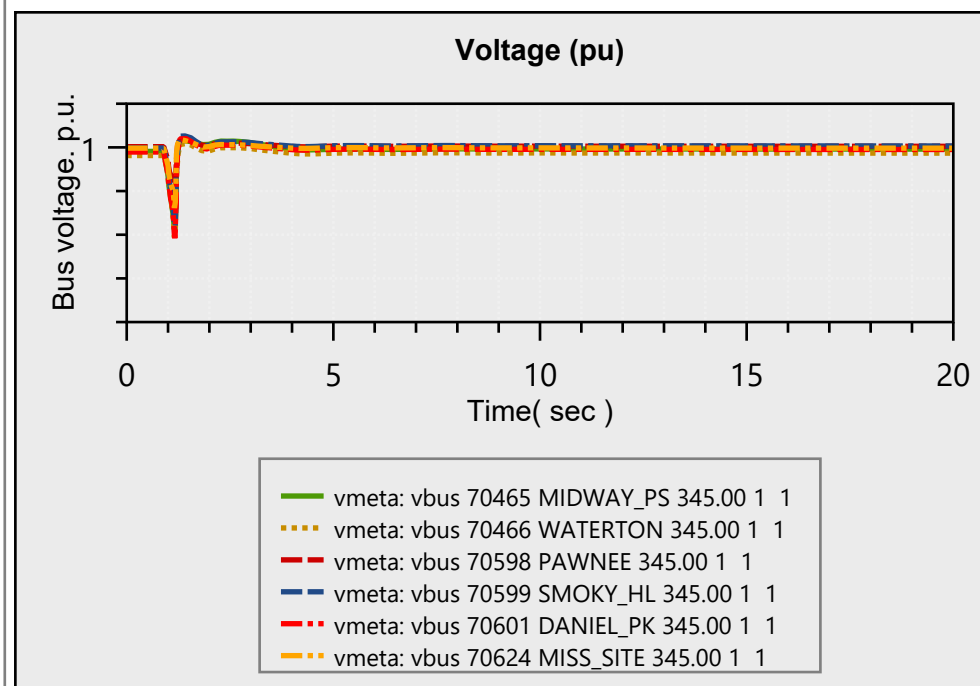
Generator Angles (Degrees)



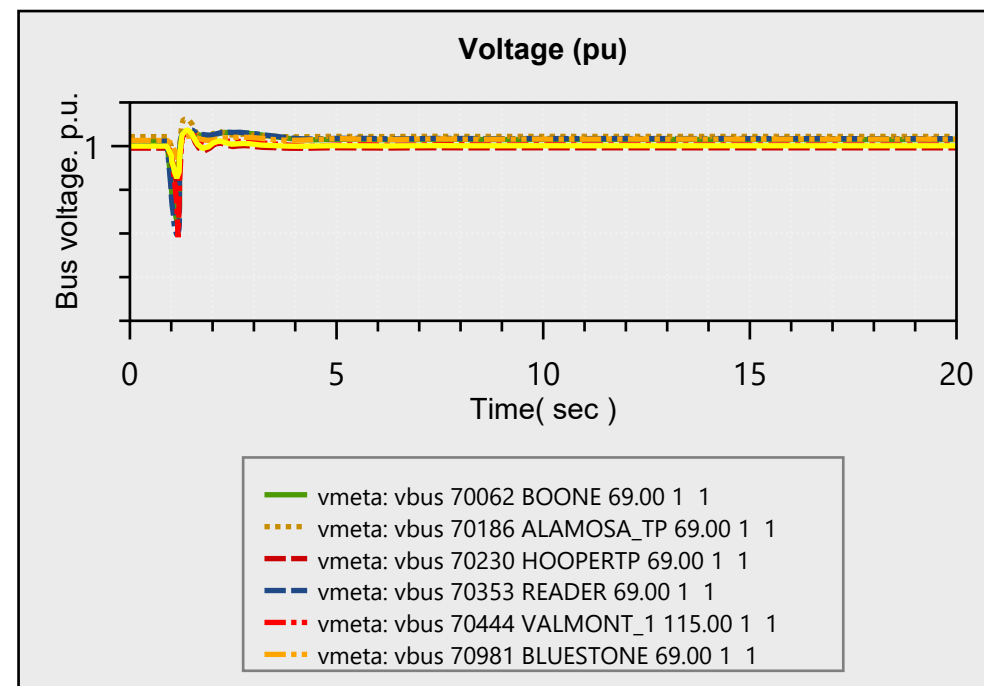
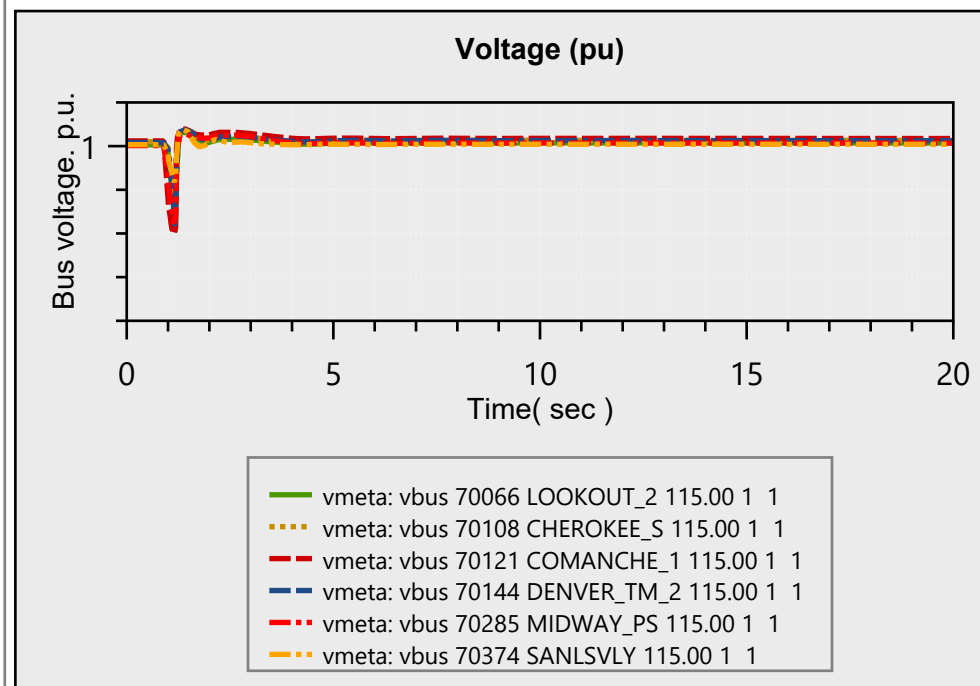
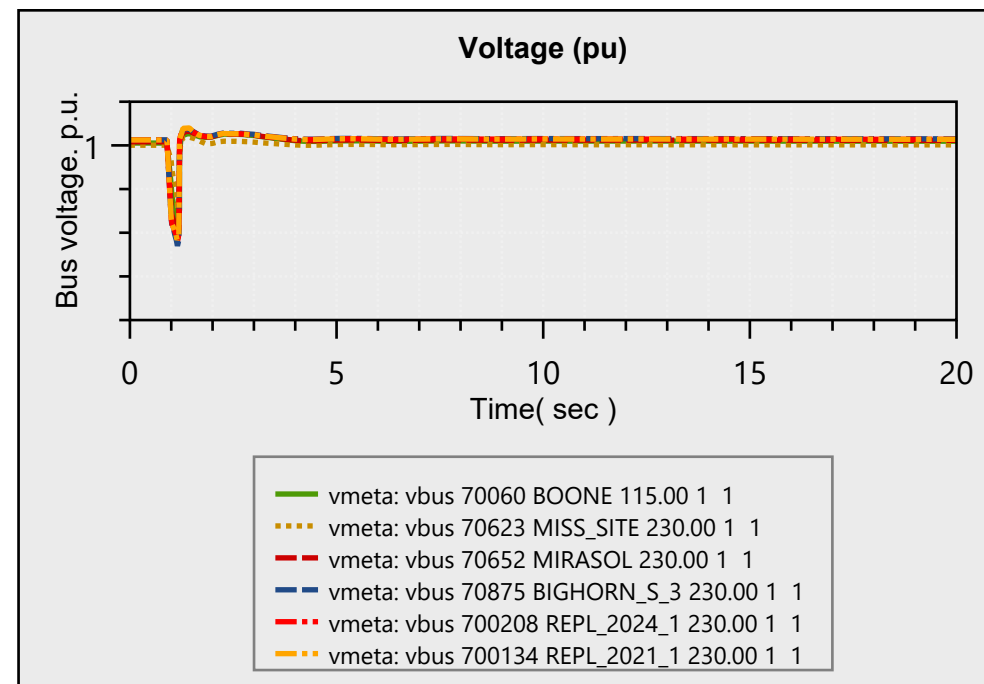
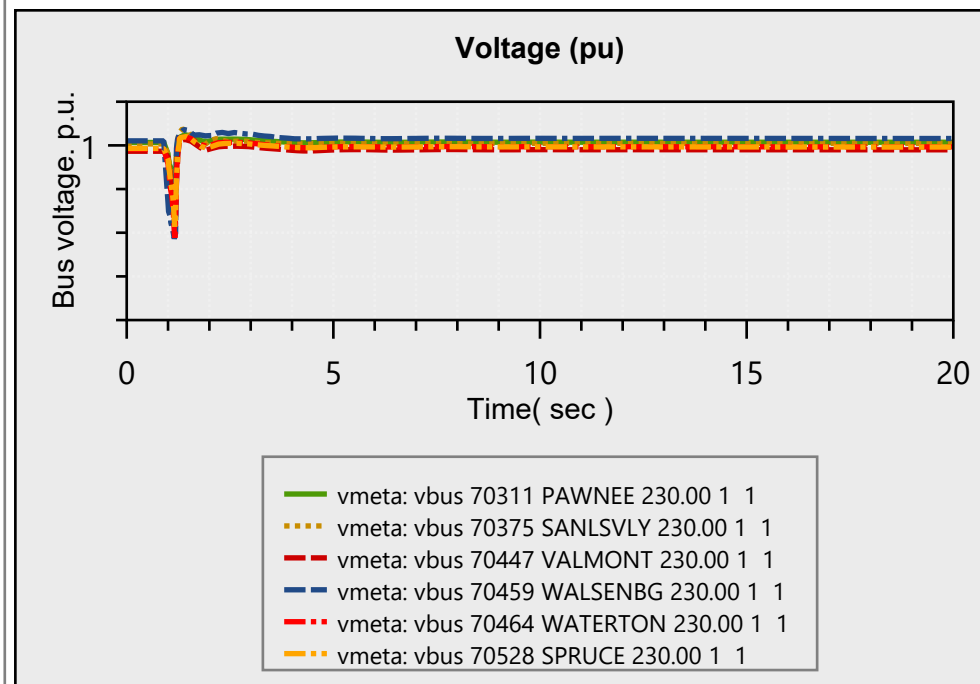
Generator Angles (Degrees)



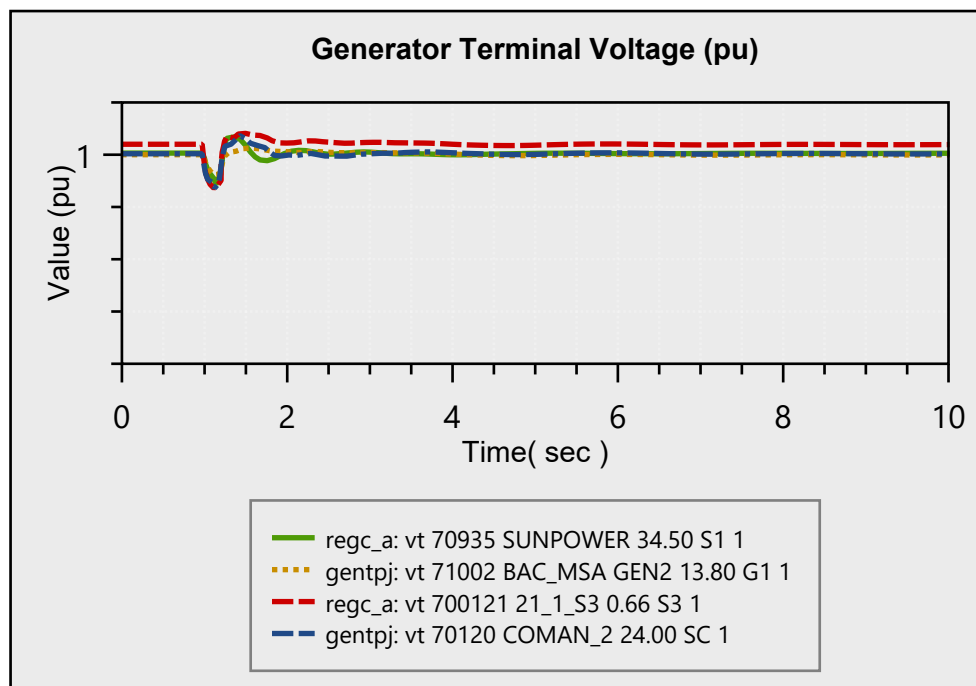
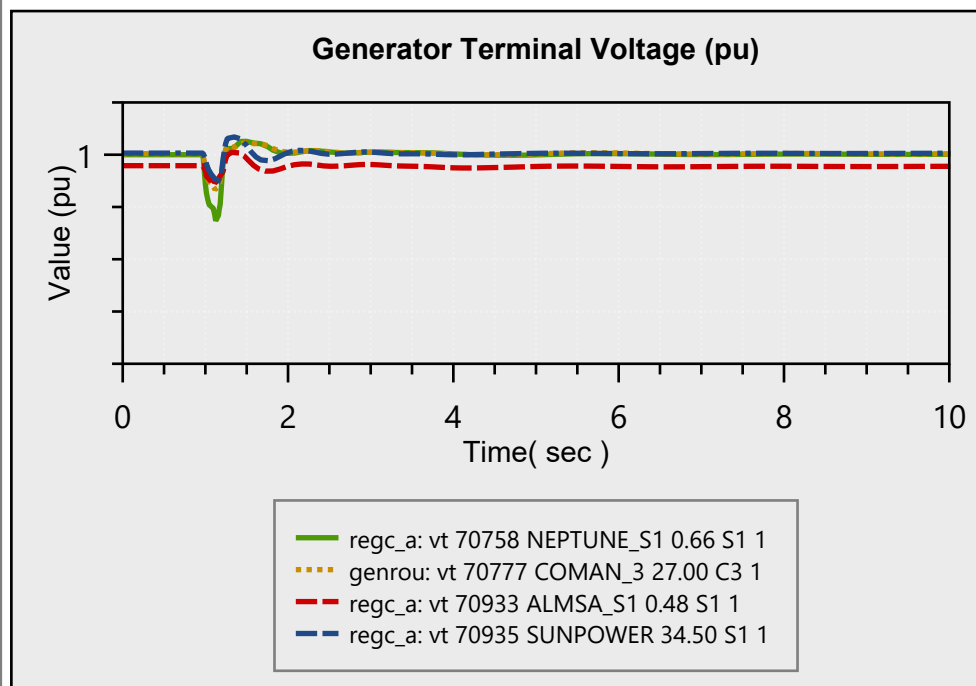
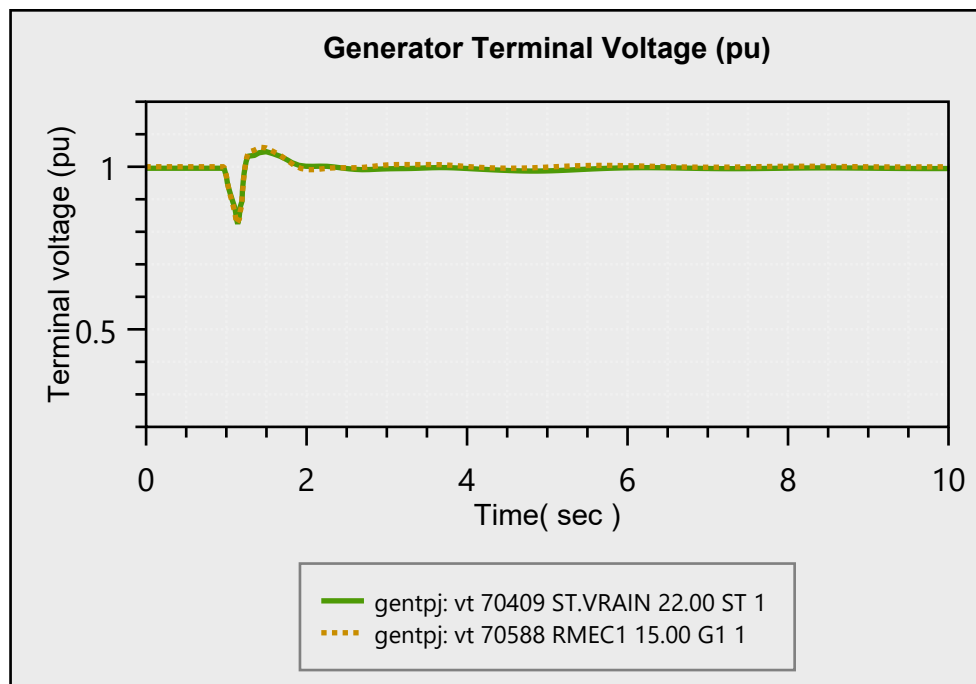
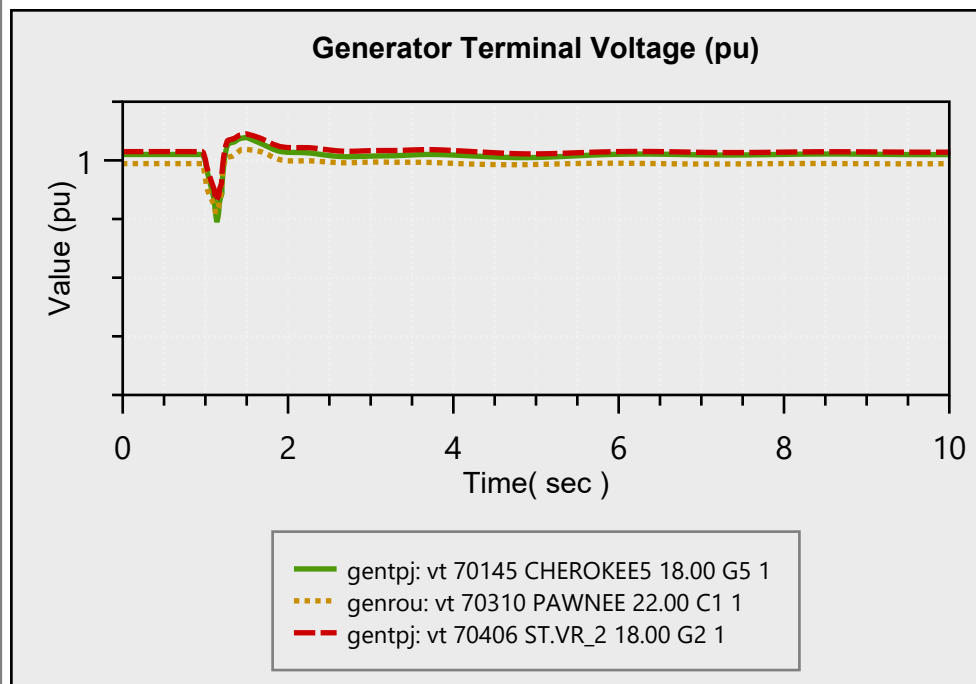
OUTPUTS



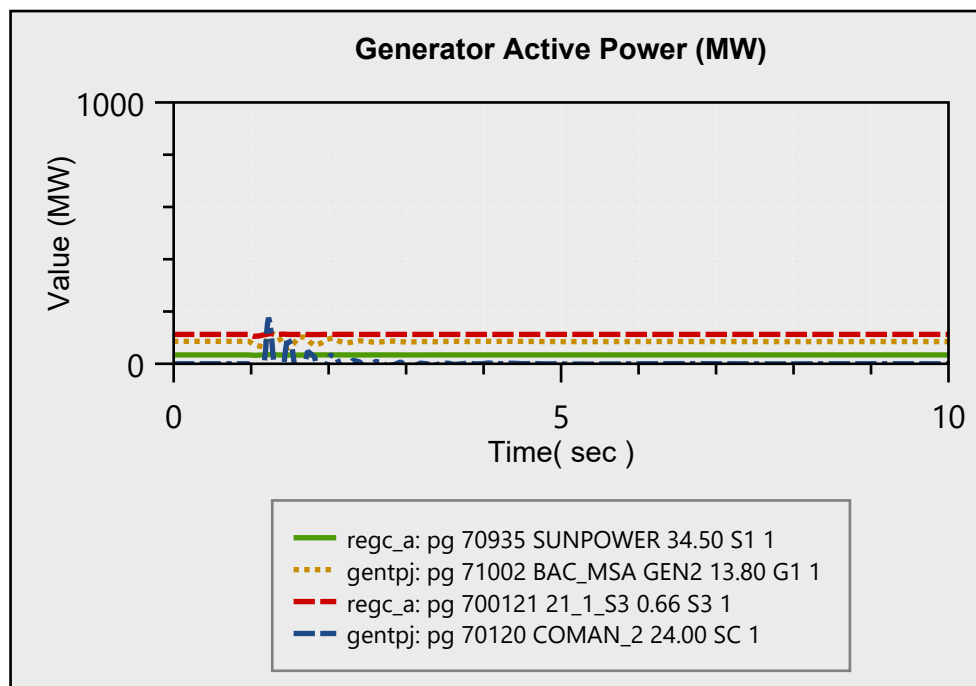
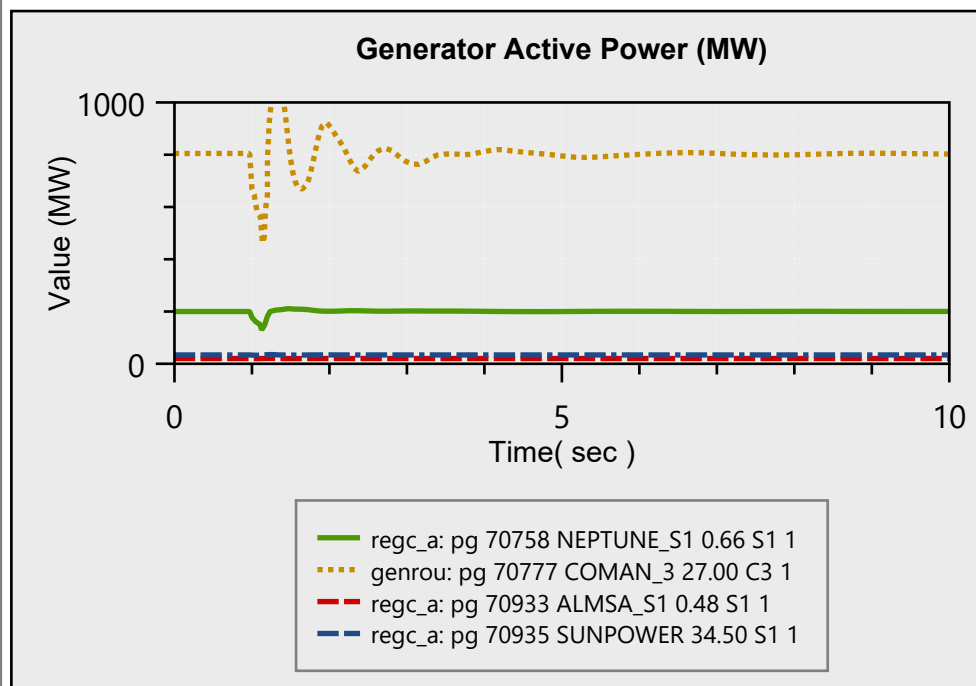
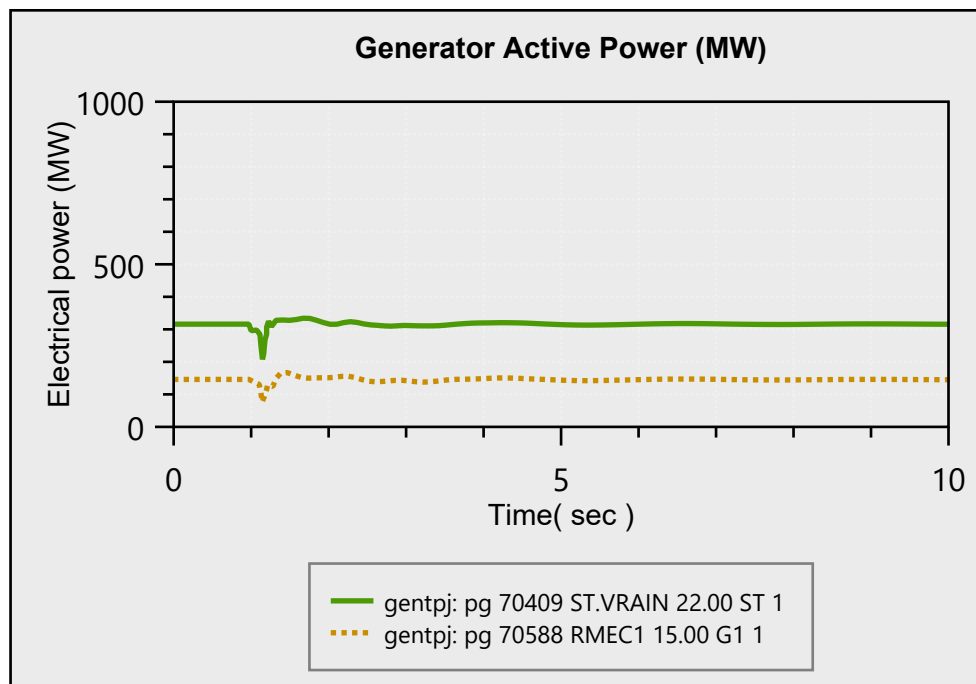
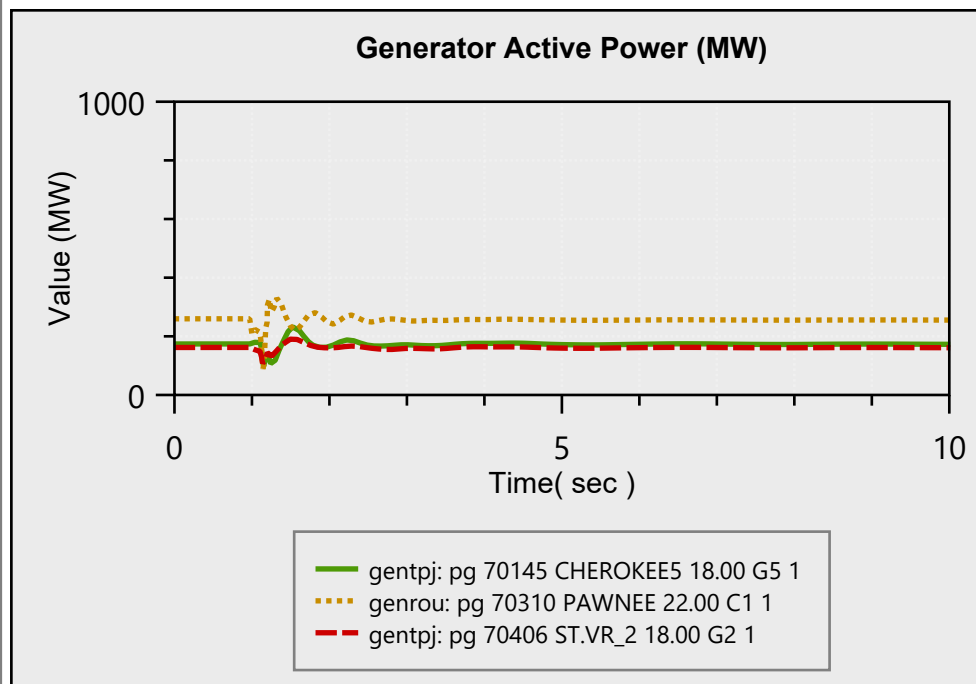
OUTPUTS



OUTPUTS

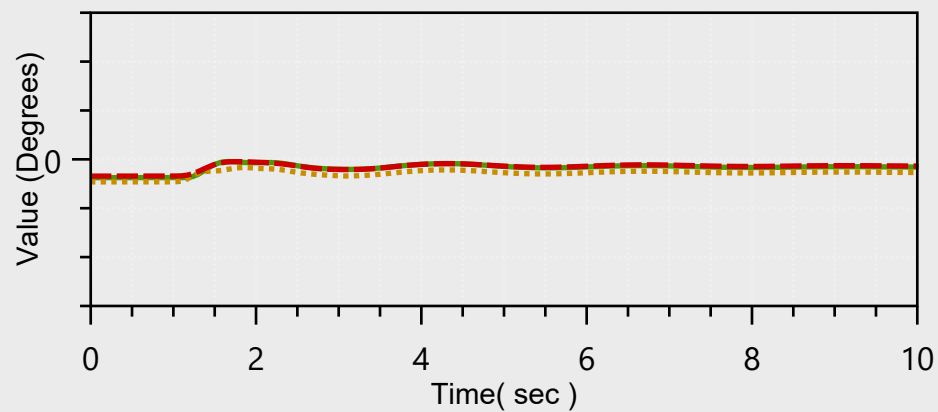


OUTPUTS

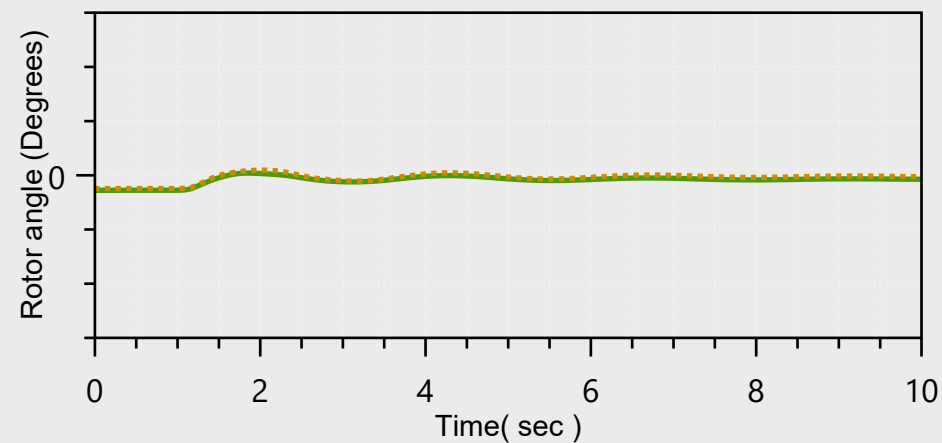


OUTPUTS

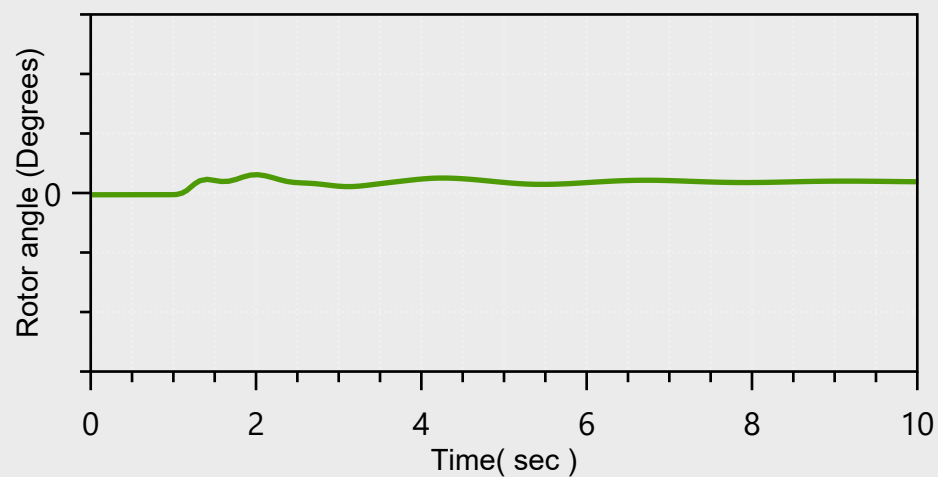
Generator Angles (Degrees)



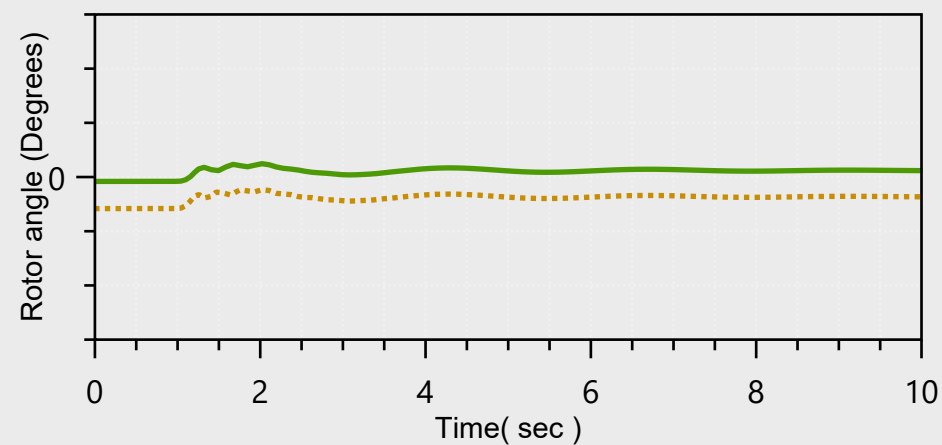
Generator Angles (Degrees)



Generator Angles (Degrees)

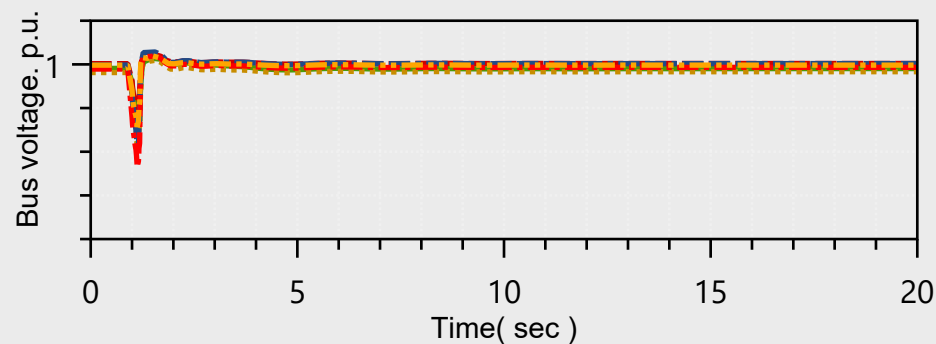


Generator Angles (Degrees)



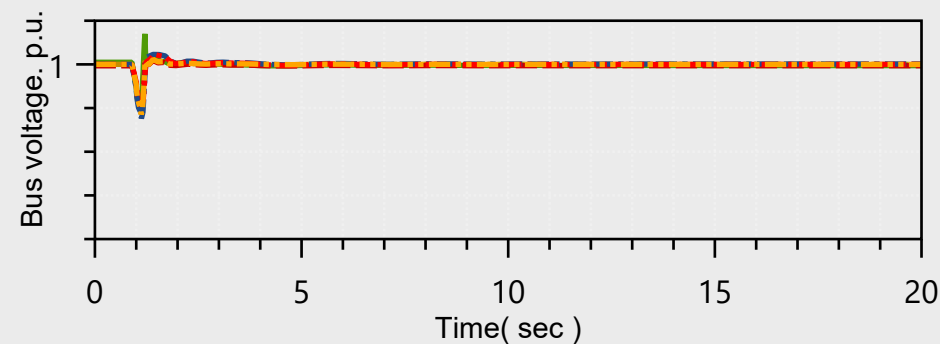
OUTPUTS

Voltage (pu)



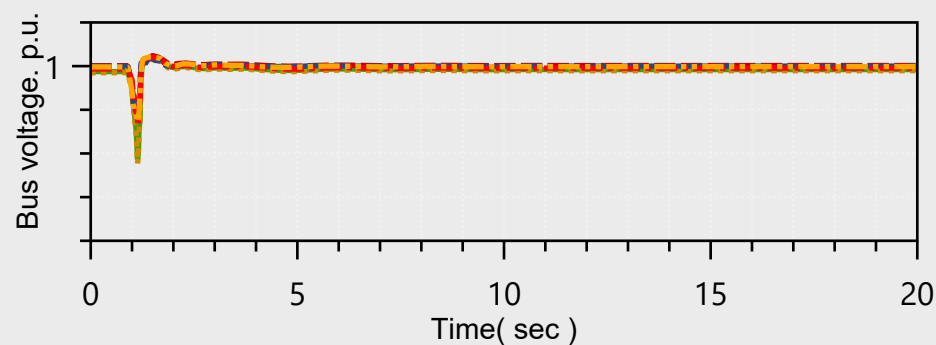
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 vmeta: vbus 70466 WATERTON 345.00 1 1
 vmeta: vbus 70598 PAWNEE 345.00 1 1
 vmeta: vbus 70599 SMOKY_HL 345.00 1 1
 vmeta: vbus 70601 DANIEL_PK 345.00 1 1
 vmeta: vbus 70624 MISS_SITE 345.00 1 1

Voltage (pu)



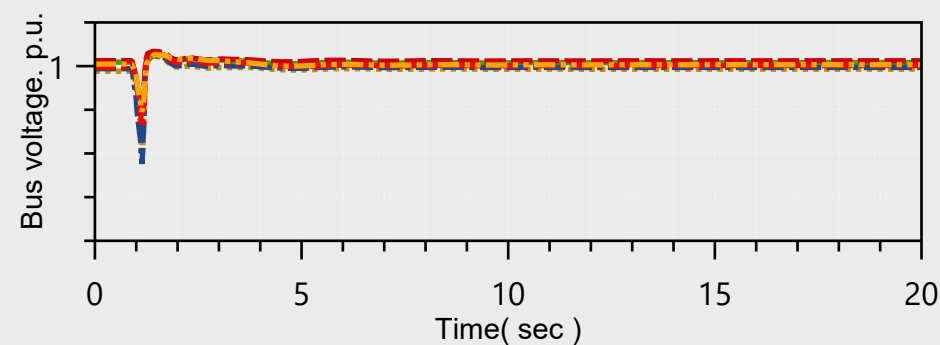
vmeta: vbus 70627 LIMON3 345.00 1 1
 vmeta: vbus 70628 PRONGHORN 345.00 1 1
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 vmeta: vbus 70653 TUNDRA 345.00 1 1
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 vmeta: vbus 70764 RUSHCK1_W1W2 345.00 1 1

Voltage (pu)



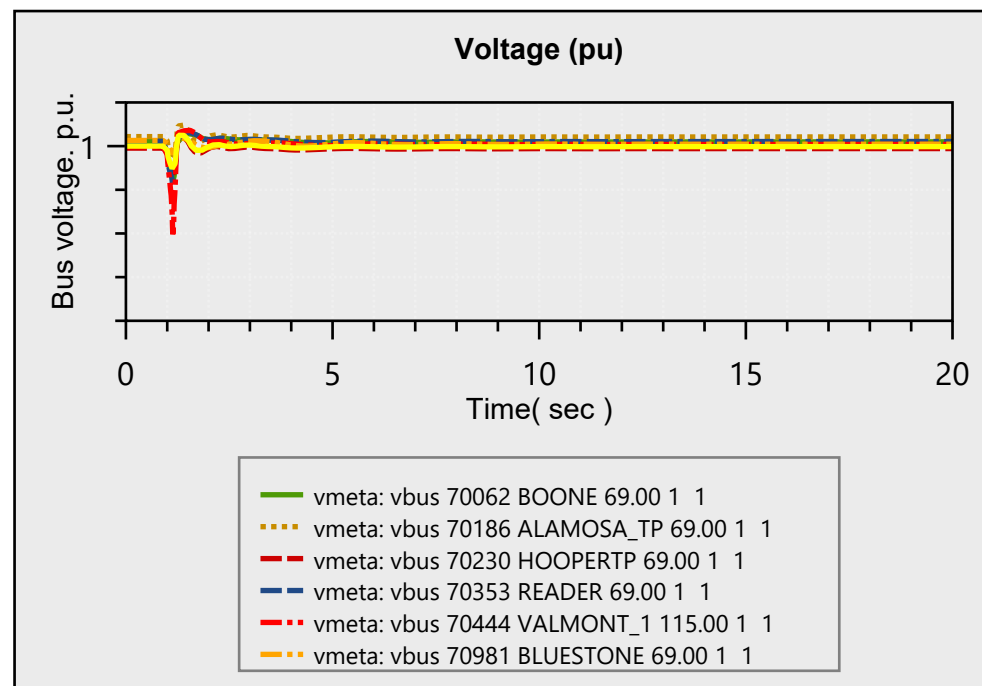
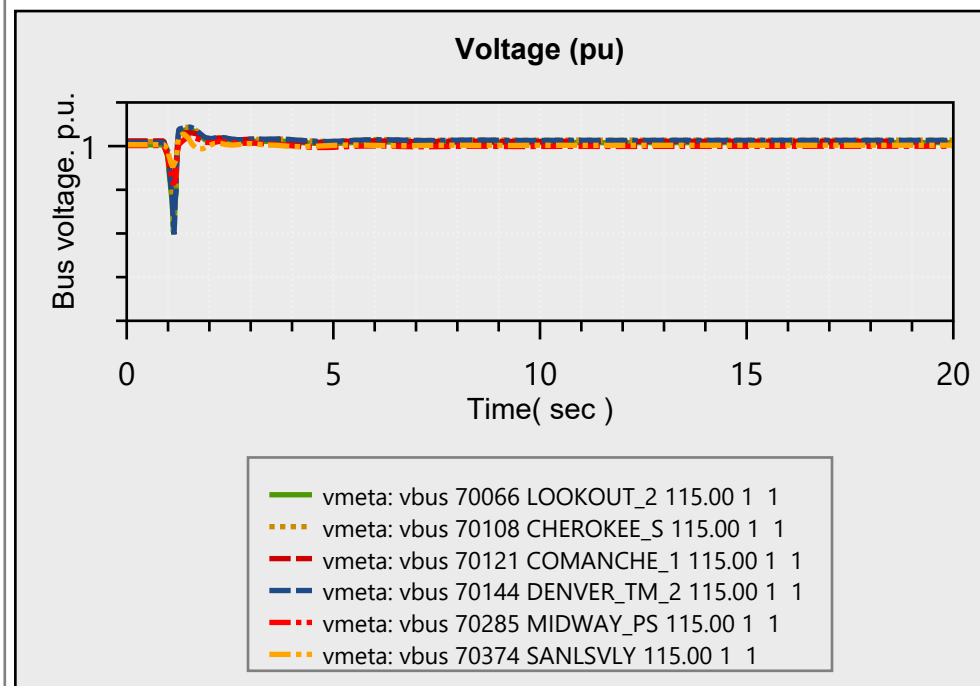
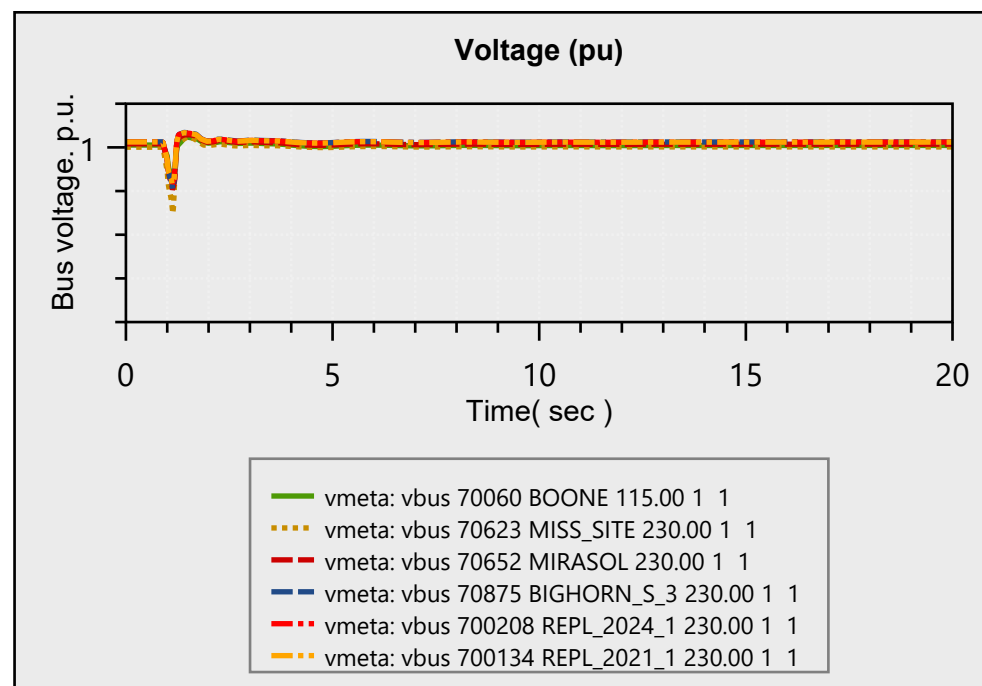
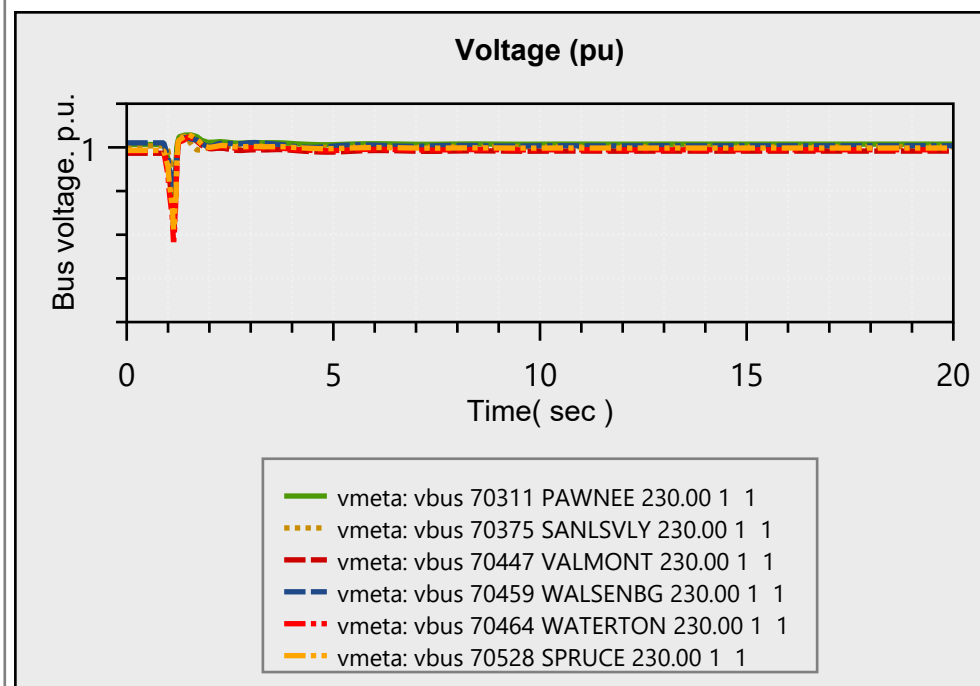
vmeta: vbus 70018 SODA_LAKES 230.00 1 1
 vmeta: vbus 70038 ARAPAHOE 230.00 1 1
 vmeta: vbus 70915 CANAL_XING 345.00 1 1
 vmeta: vbus 70919 MAY_VALLEY 345.00 1 1
 vmeta: vbus 70916 FT_ST_VRAIN 345.00 1 1
 vmeta: vbus 70921 SANDSTONE 345.00 1 1

Voltage (pu)

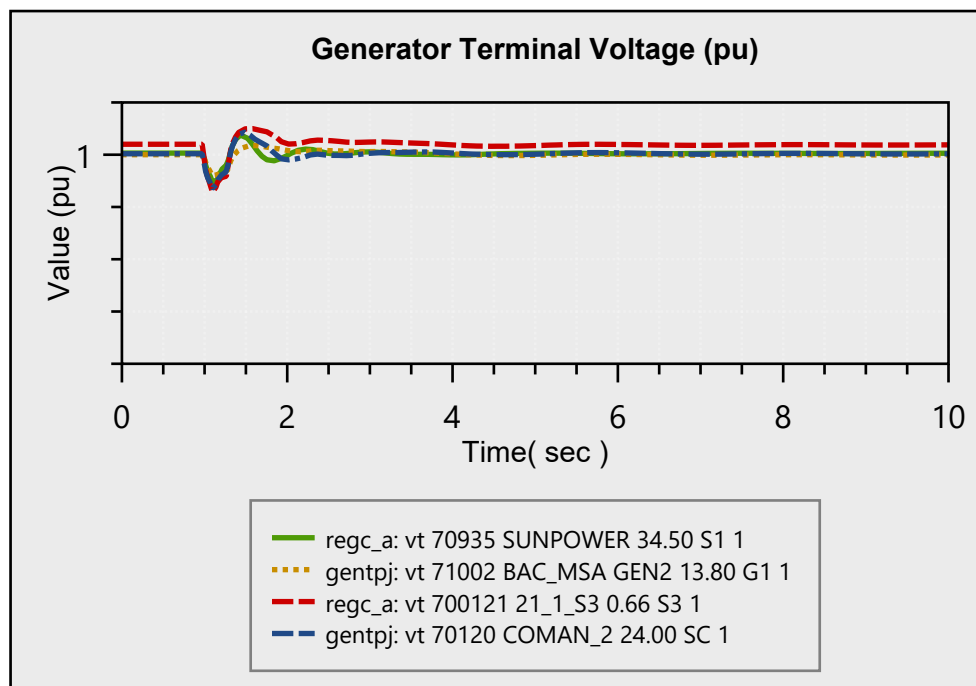
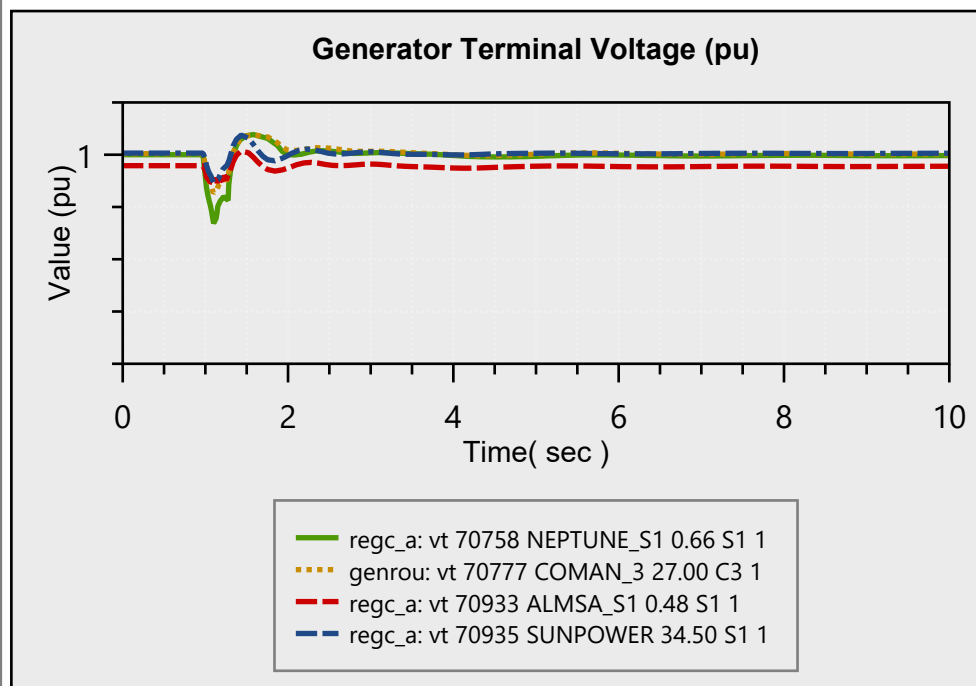
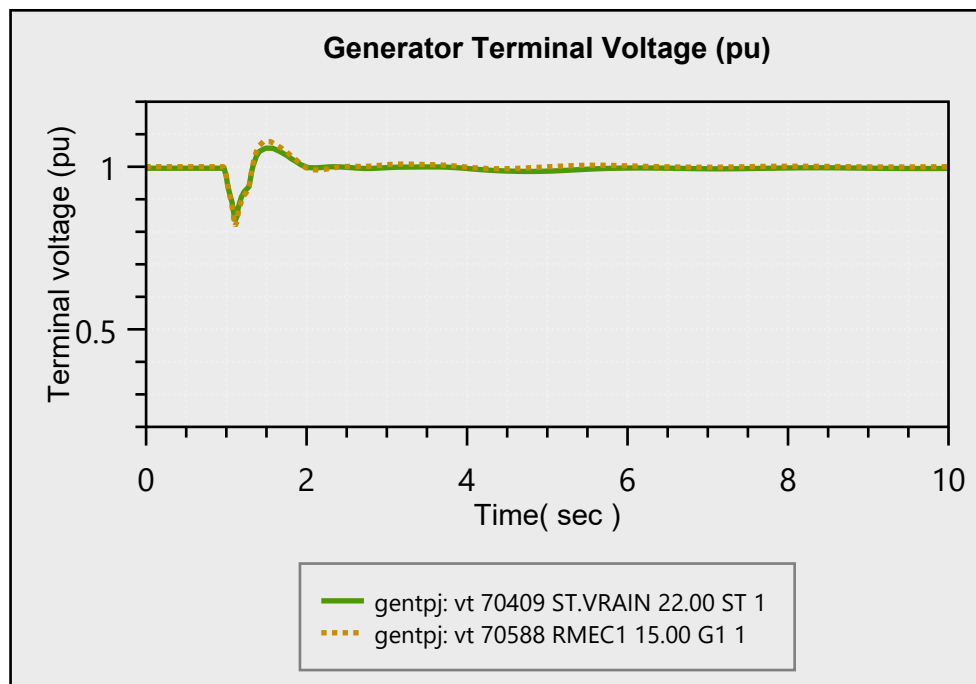
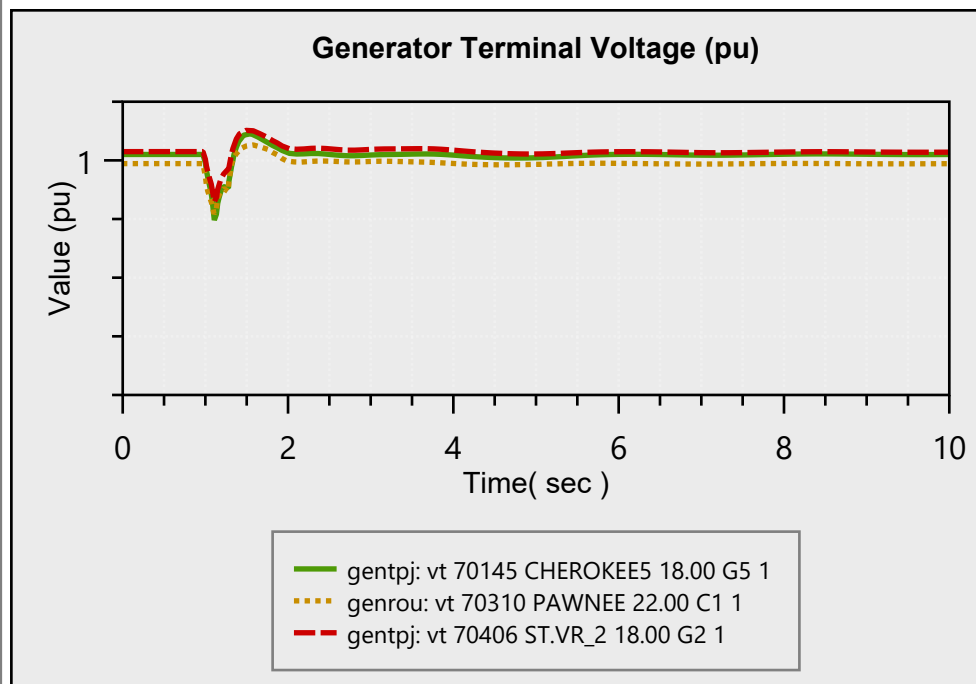


vmeta: vbus 70061 BOONE 230.00 1 1
 vmeta: vbus 70107 CHEROKEE 230.00 1 1
 vmeta: vbus 70122 COMANCHE 230.00 1 1
 vmeta: vbus 70139 DANIEL_PK 230.00 1 1
 vmeta: vbus 70192 FT_LUPTON 230.00 1 1
 vmeta: vbus 70286 MIDWAY_PS 230.00 1 1

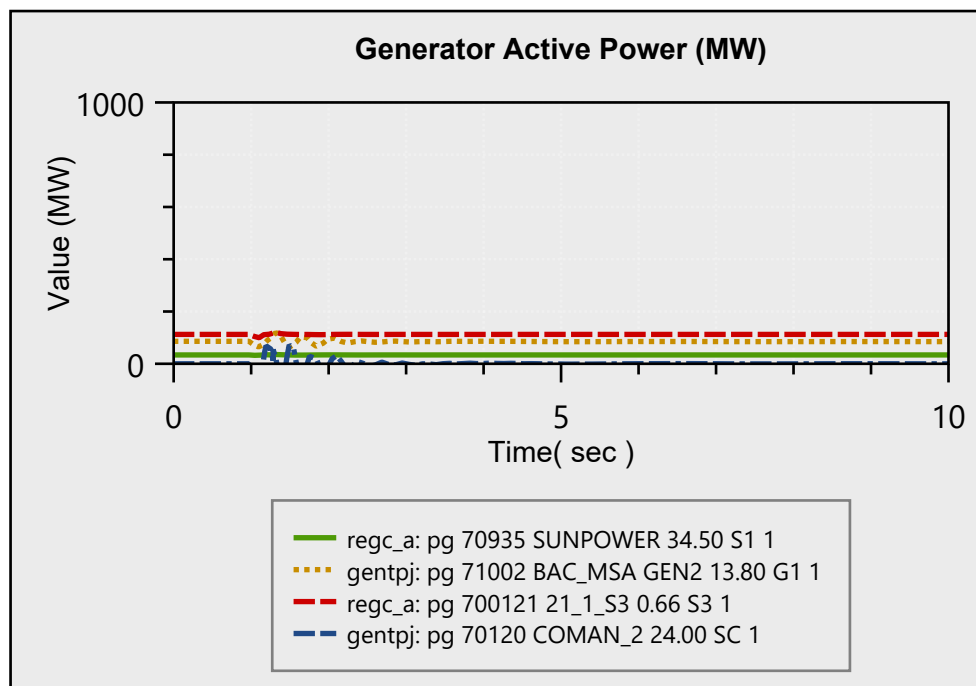
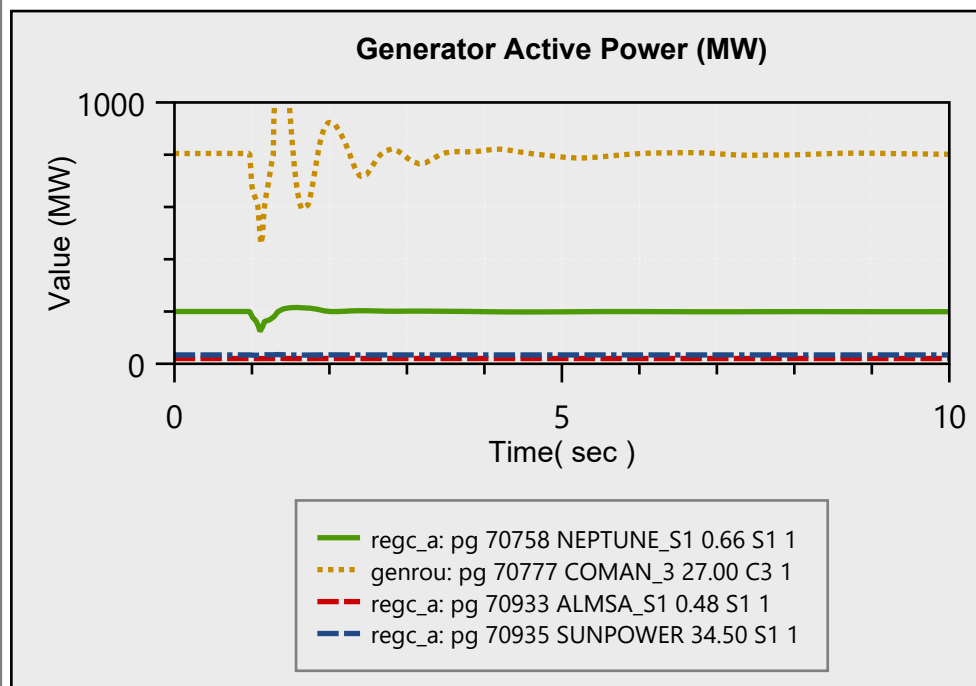
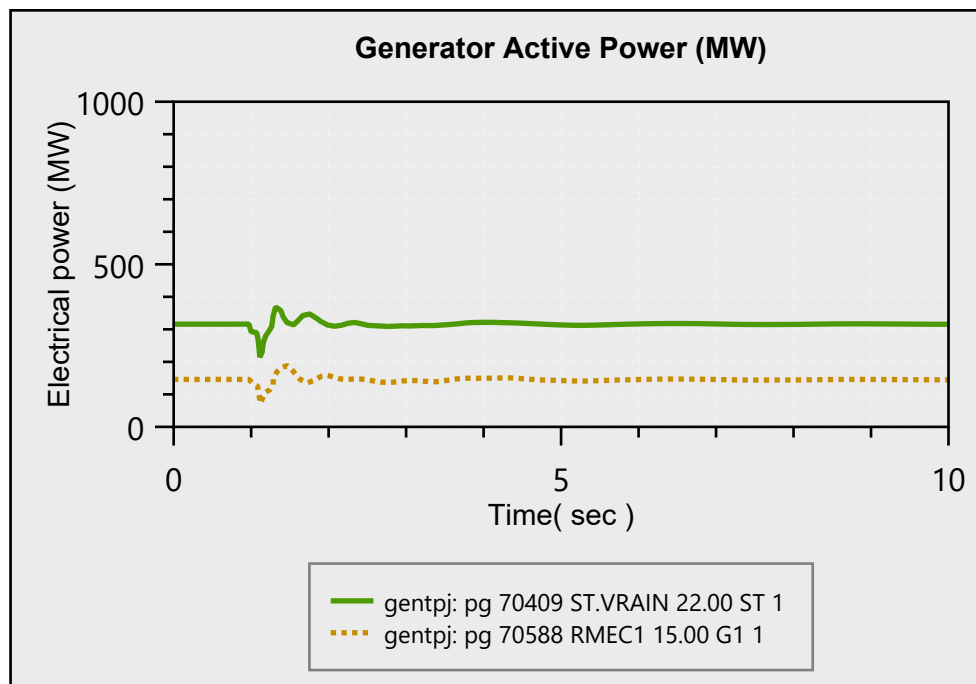
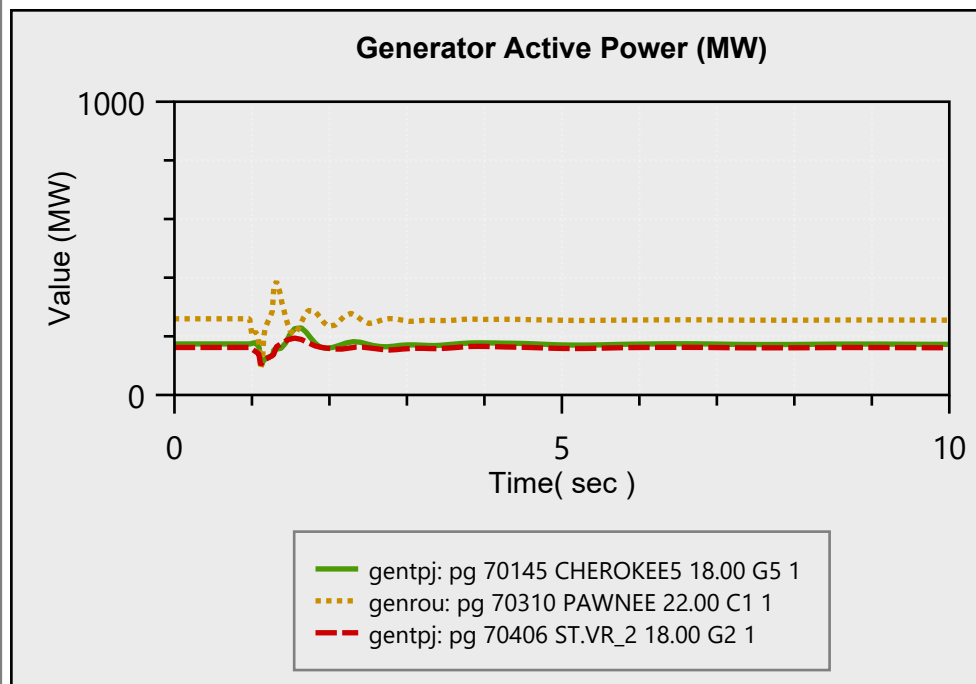
OUTPUTS



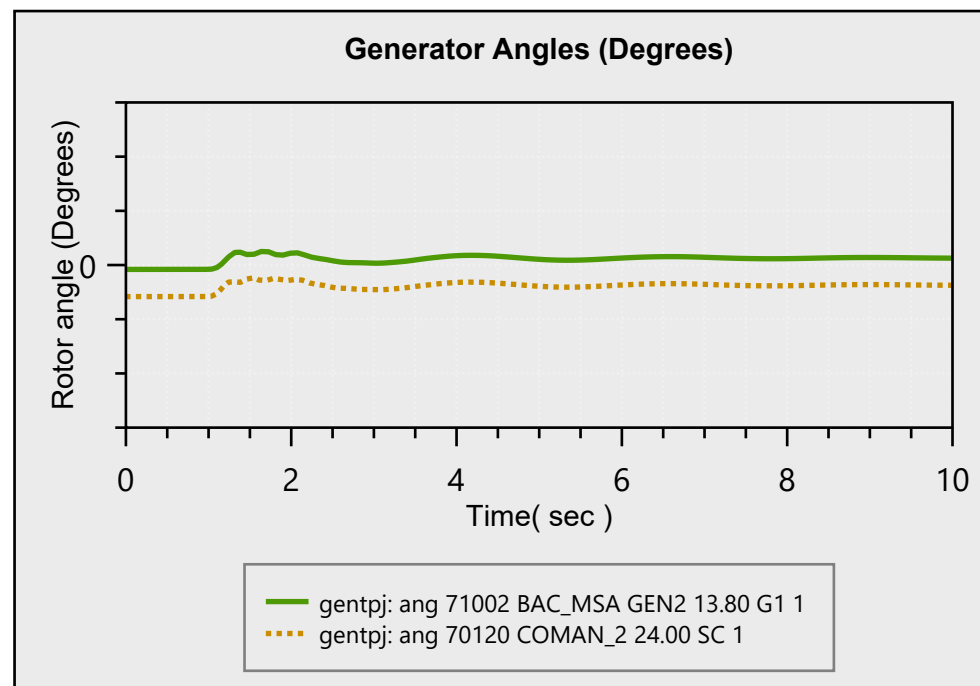
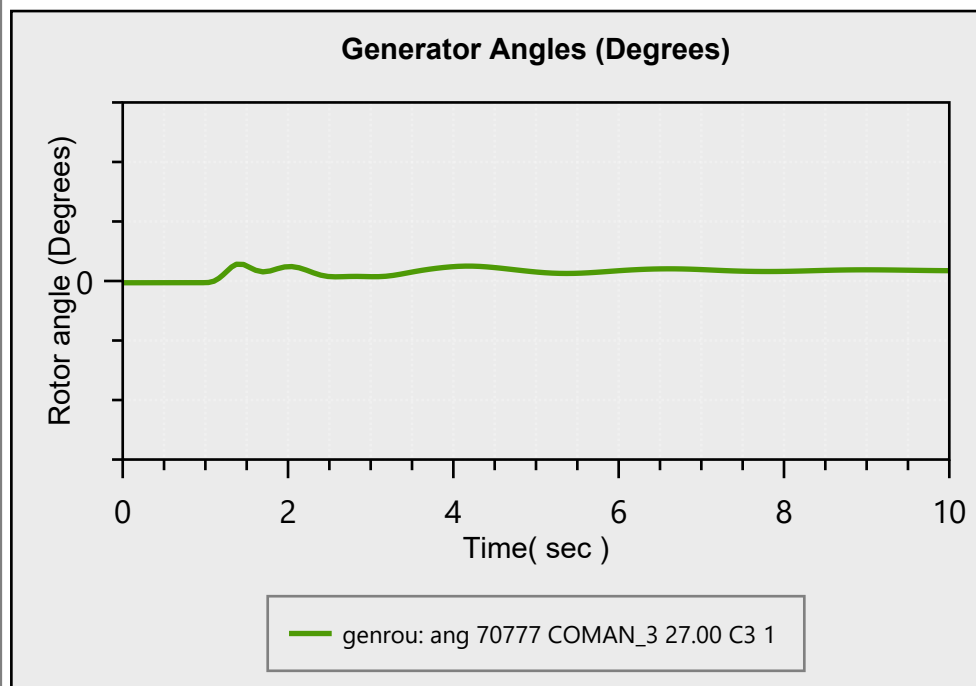
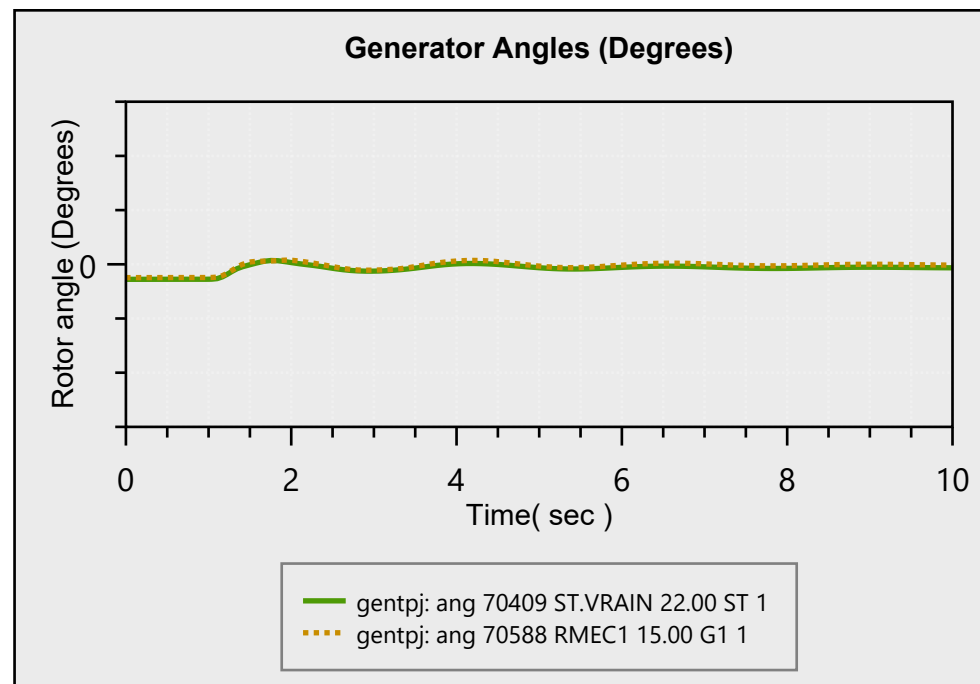
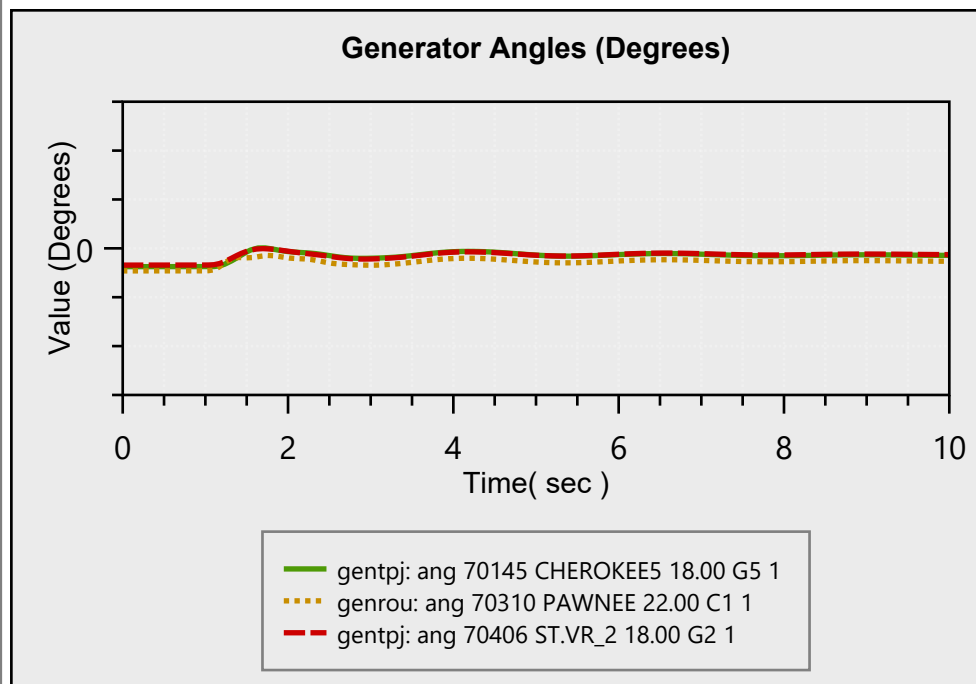
OUTPUTS



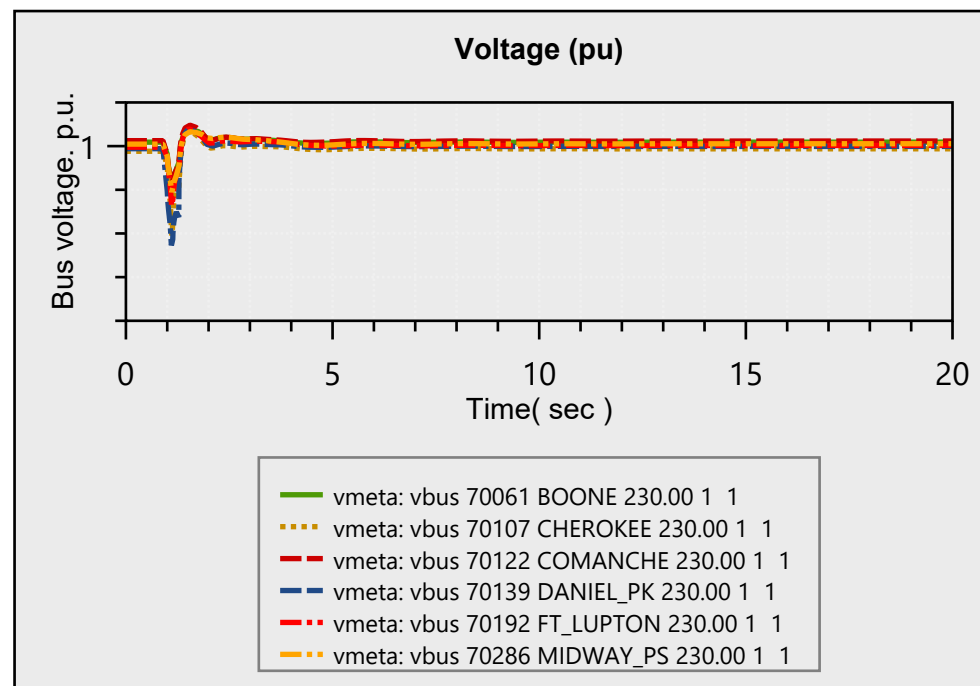
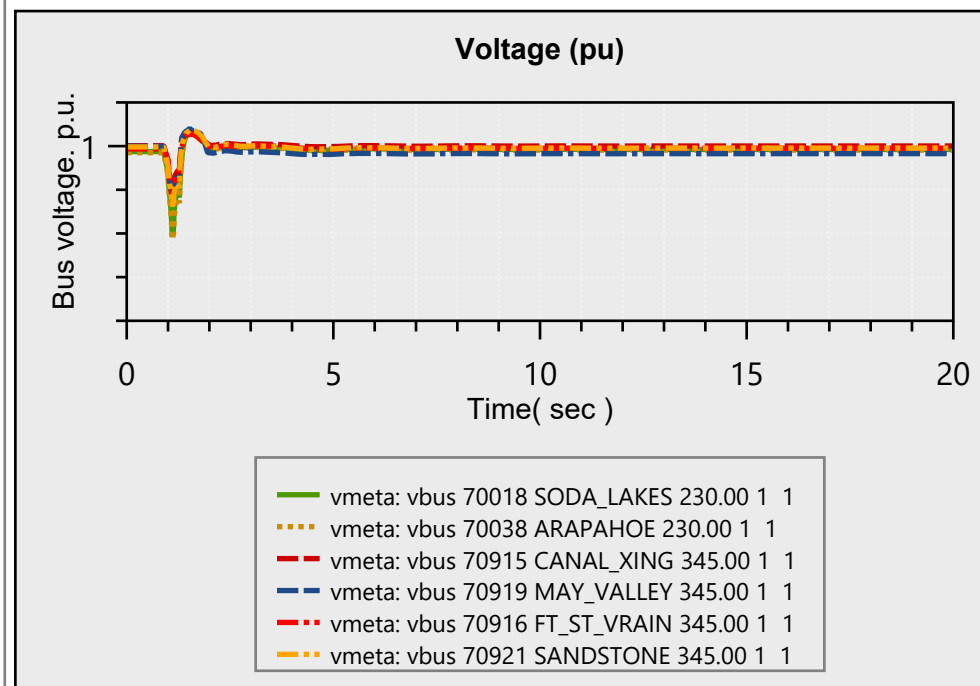
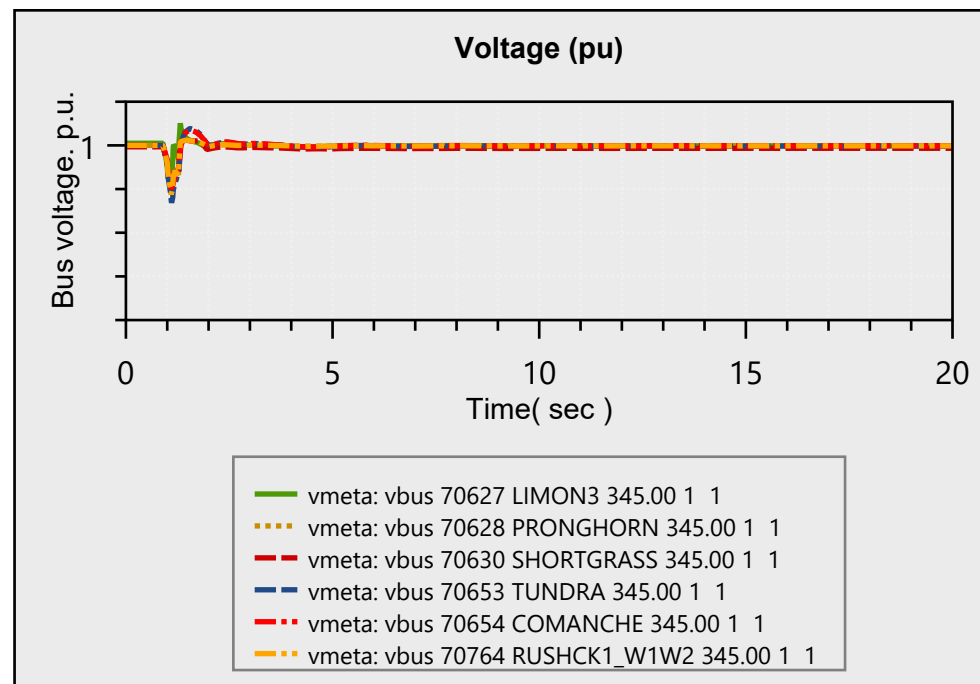
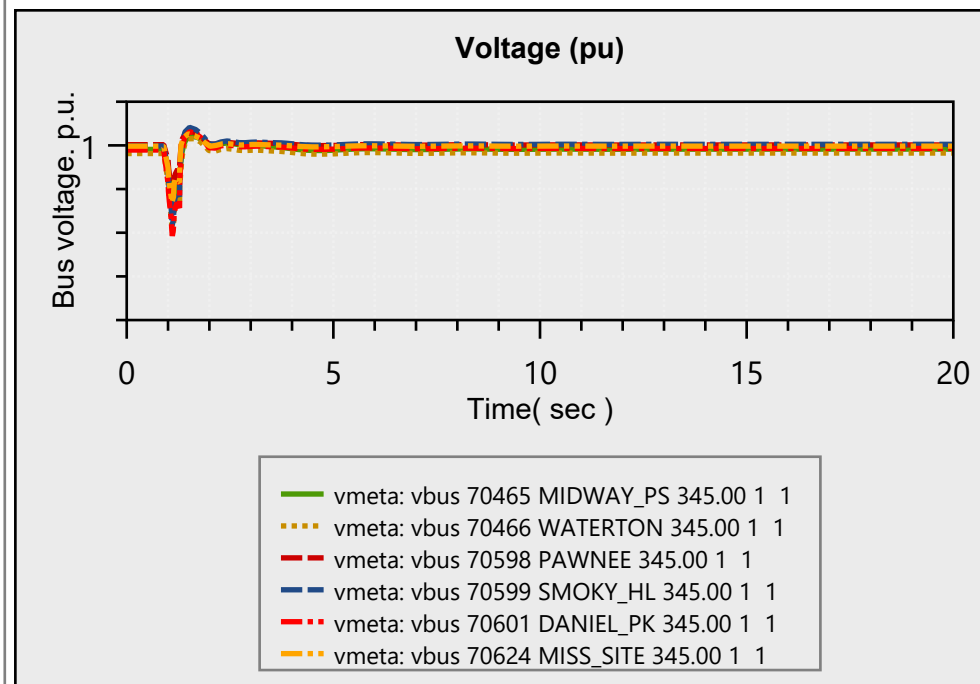
OUTPUTS



OUTPUTS

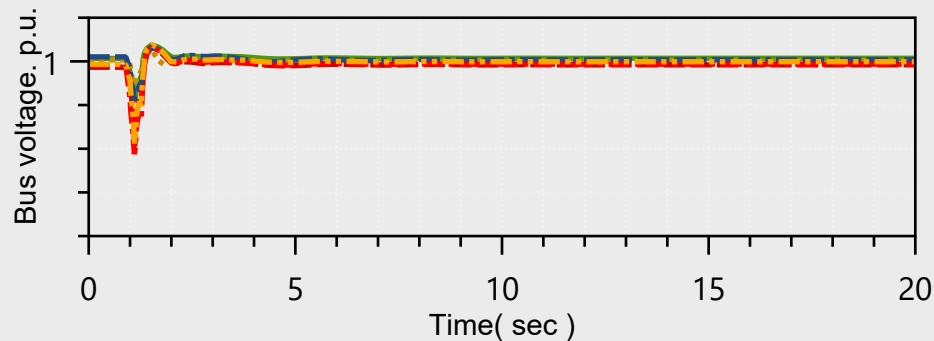


OUTPUTS



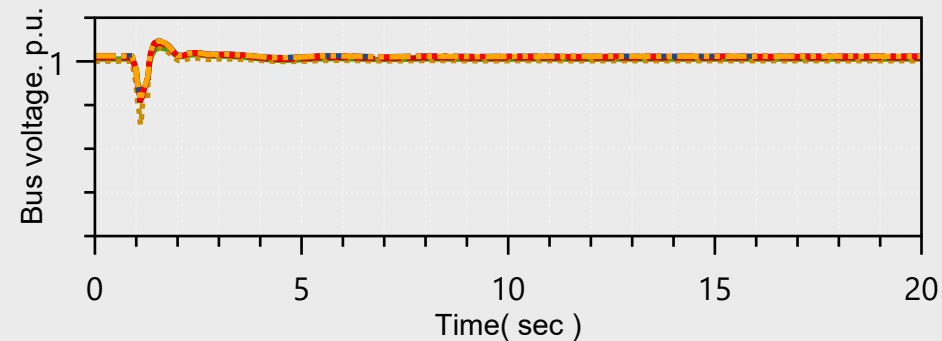
OUTPUTS

Voltage (pu)



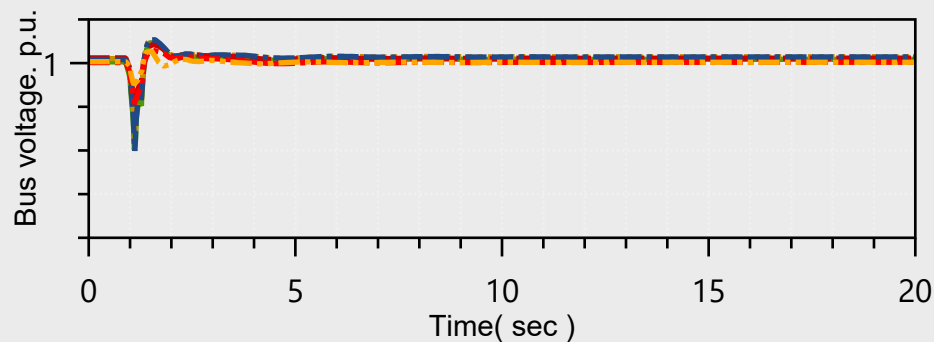
vmeta: vbus 70311 PAWNEE 230.00 1 1
 vmeta: vbus 70375 SANLSVLY 230.00 1 1
 vmeta: vbus 70447 VALMONT 230.00 1 1
 vmeta: vbus 70459 WALSENBG 230.00 1 1
 vmeta: vbus 70464 WATERTON 230.00 1 1
 vmeta: vbus 70528 SPRUCE 230.00 1 1

Voltage (pu)



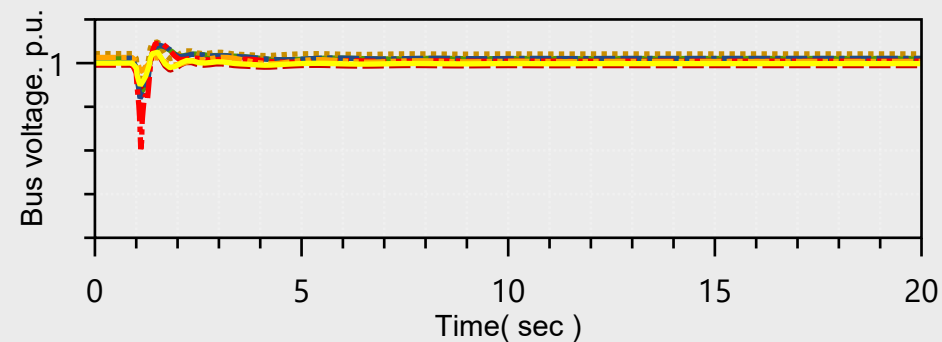
vmeta: vbus 70060 BOONE 115.00 1 1
 vmeta: vbus 70623 MISS_SITE 230.00 1 1
 vmeta: vbus 70652 MIRASOL 230.00 1 1
 vmeta: vbus 70875 BIGHORN_S_3 230.00 1 1
 vmeta: vbus 700208 REPL_2024_1 230.00 1 1
 vmeta: vbus 700134 REPL_2021_1 230.00 1 1

Voltage (pu)



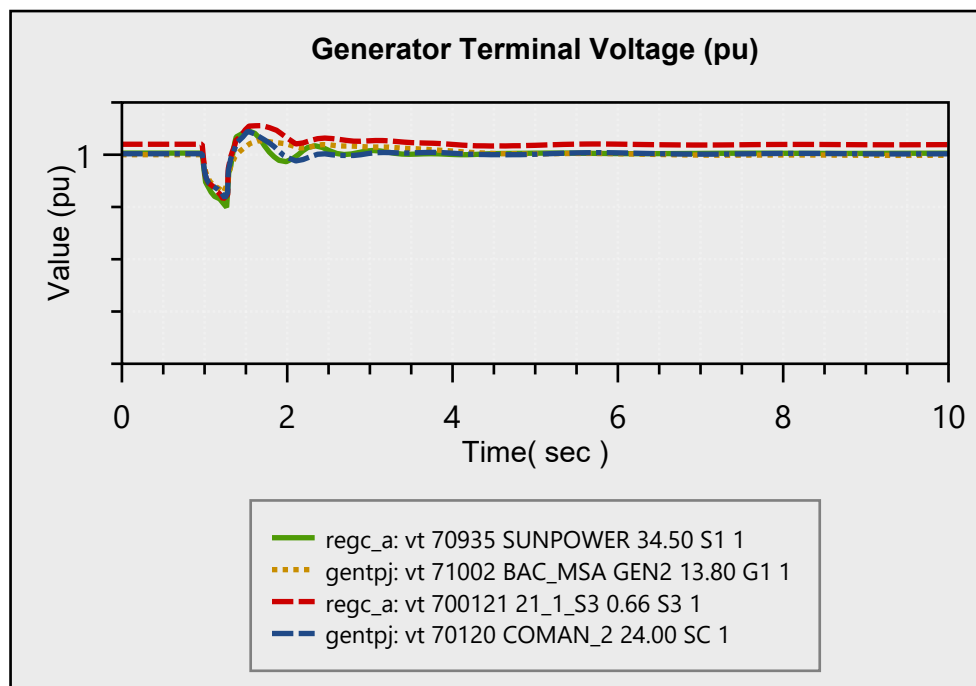
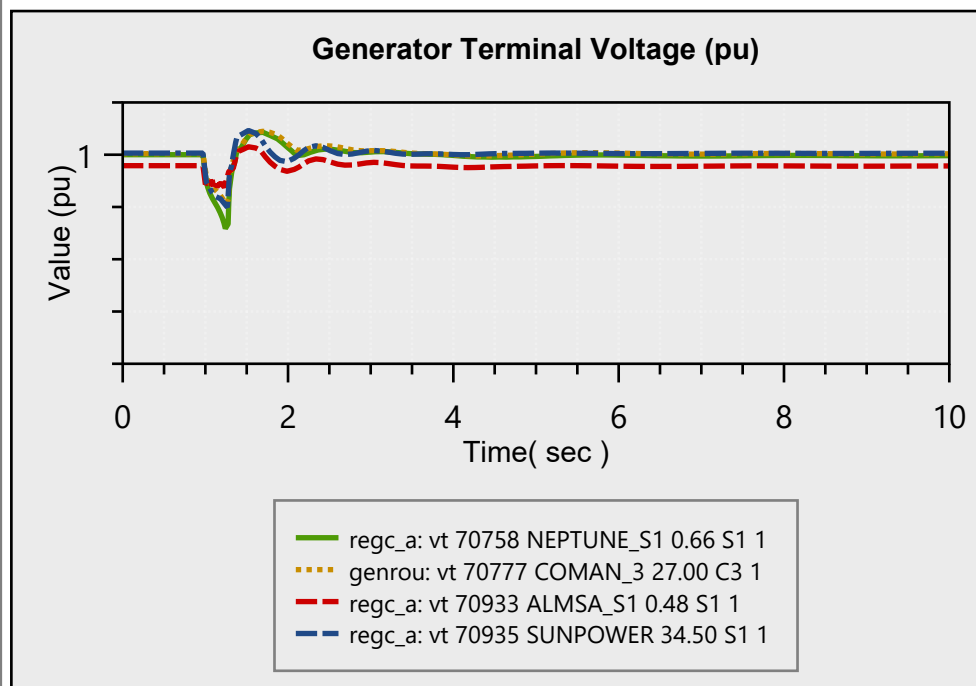
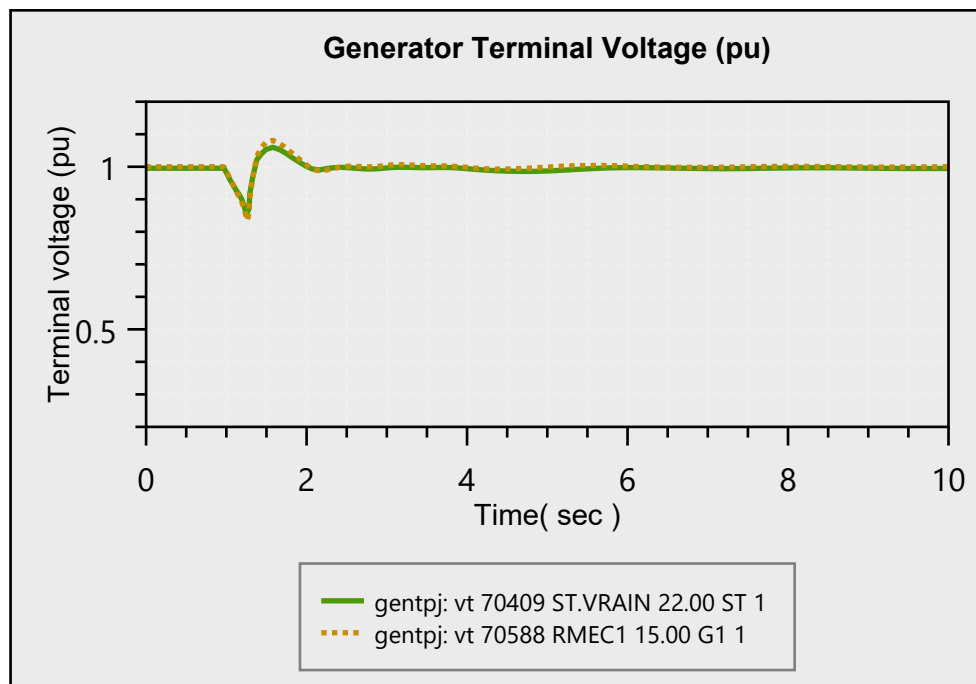
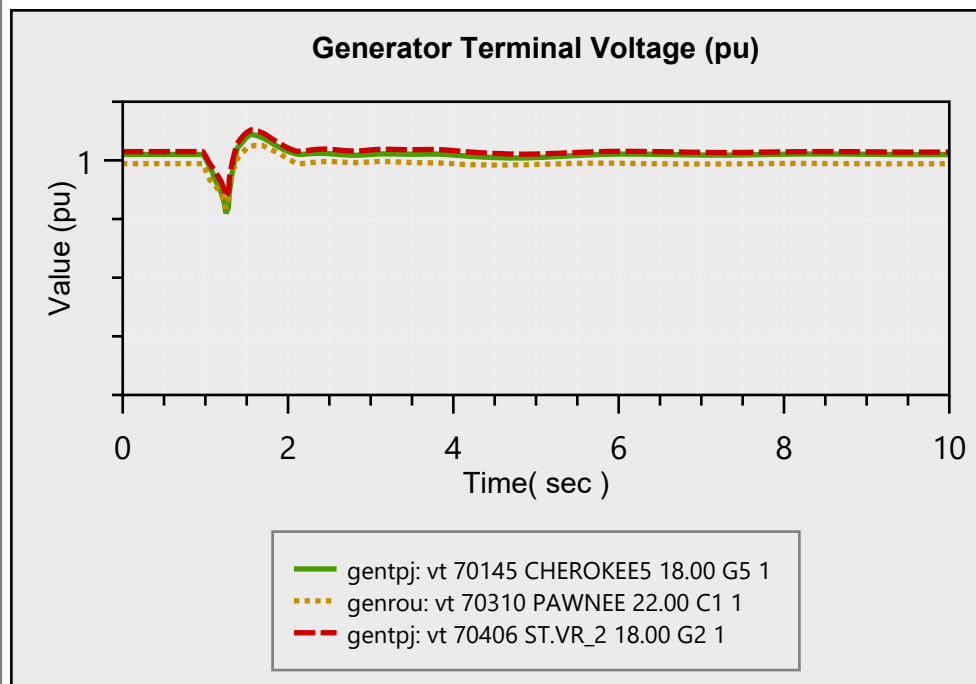
vmeta: vbus 70066 LOOKOUT_2 115.00 1 1
 vmeta: vbus 70108 CHEROKEE_S 115.00 1 1
 vmeta: vbus 70121 COMANCHE_1 115.00 1 1
 vmeta: vbus 70144 DENVER_TM_2 115.00 1 1
 vmeta: vbus 70285 MIDWAY_PS 115.00 1 1
 vmeta: vbus 70374 SANLSVLY 115.00 1 1

Voltage (pu)

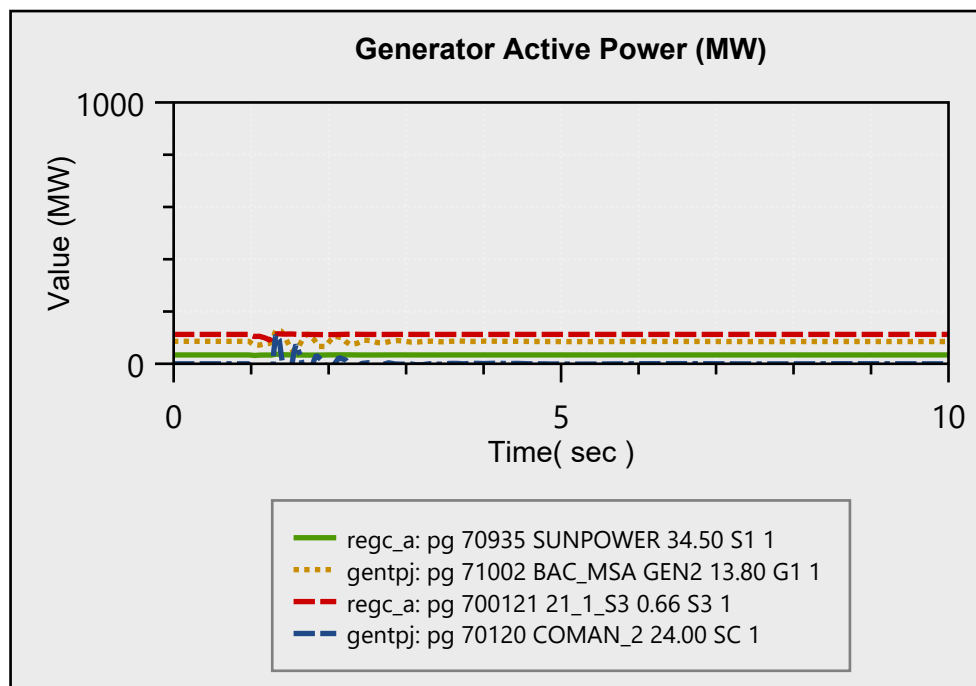
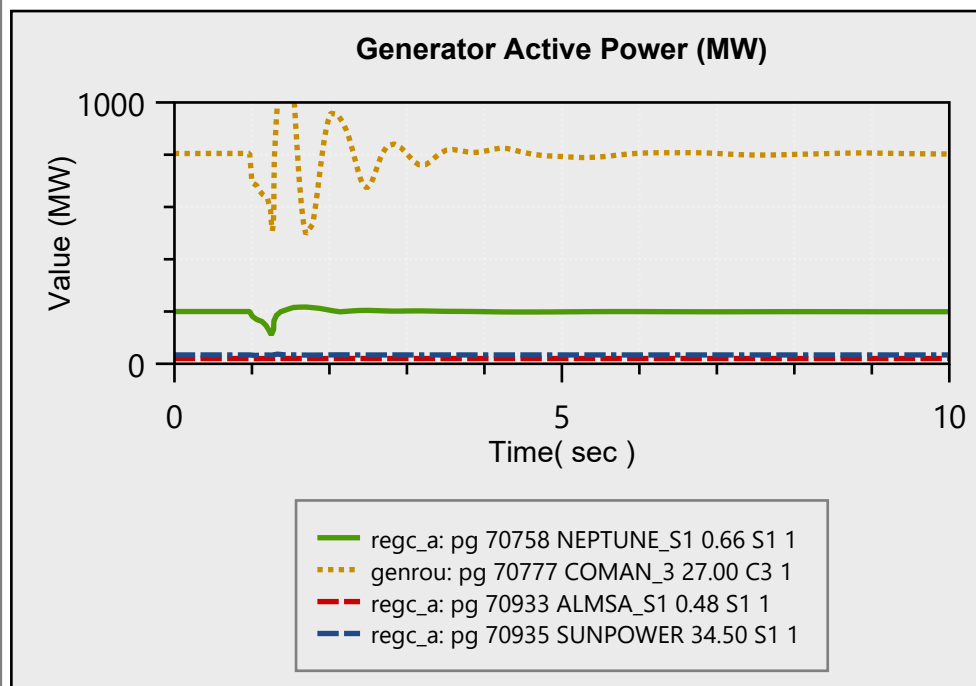
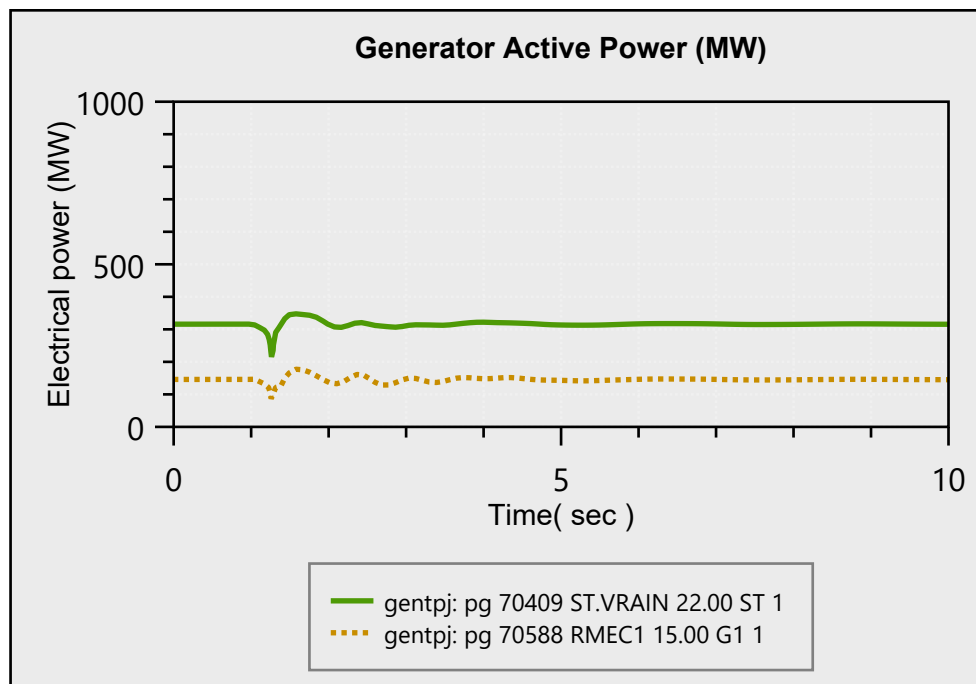
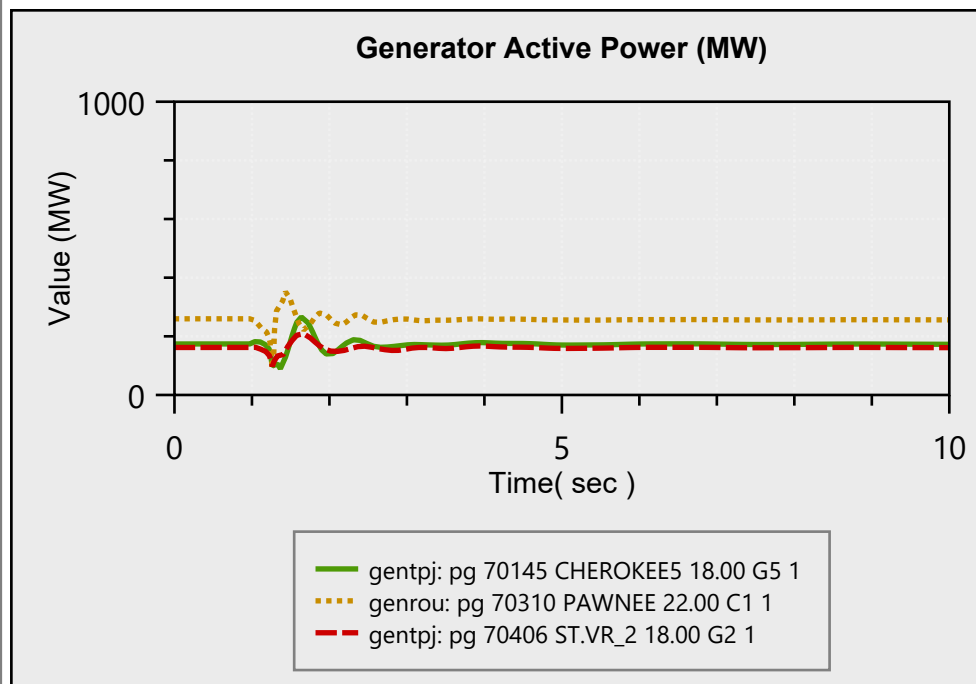


vmeta: vbus 70062 BOONE 69.00 1 1
 vmeta: vbus 70186 ALAMOSA_TP 69.00 1 1
 vmeta: vbus 70230 HOOPERTP 69.00 1 1
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 vmeta: vbus 70444 VALMONT_1 115.00 1 1
 vmeta: vbus 70981 BLUESTONE 69.00 1 1

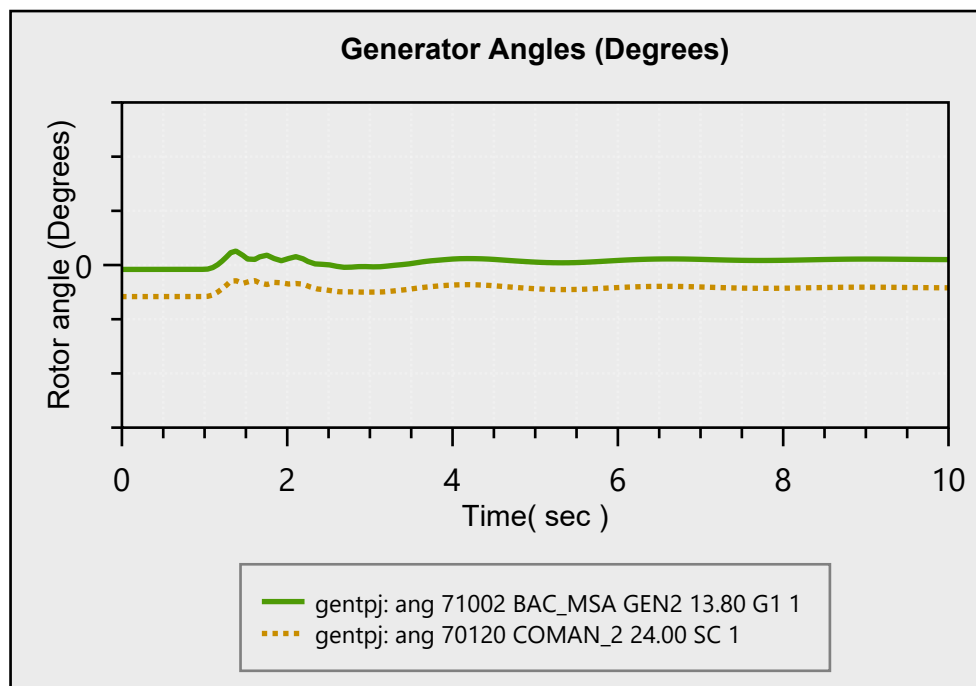
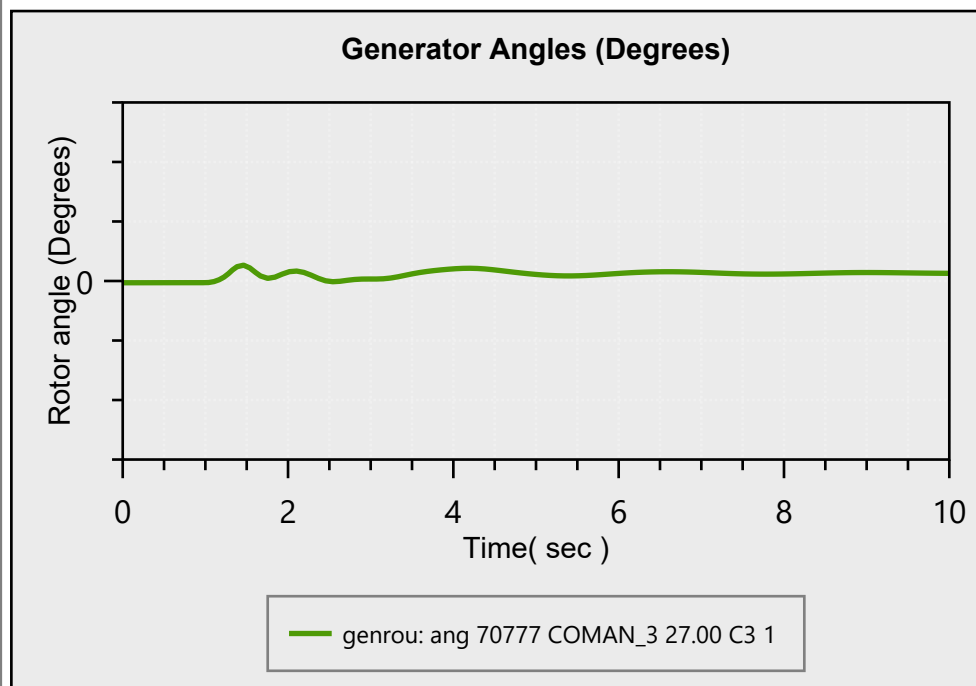
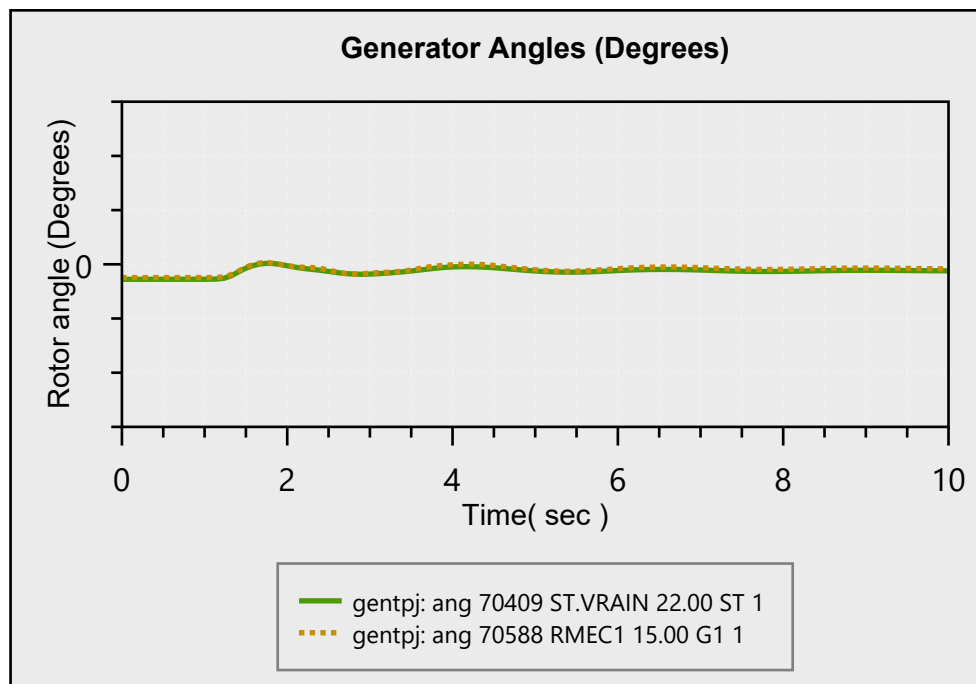
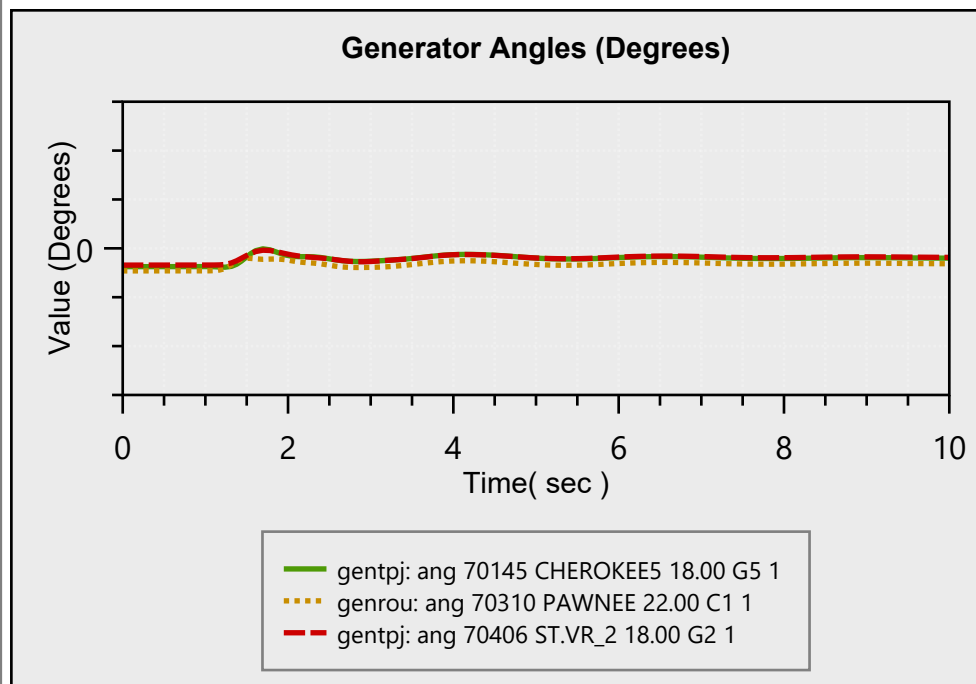
OUTPUTS



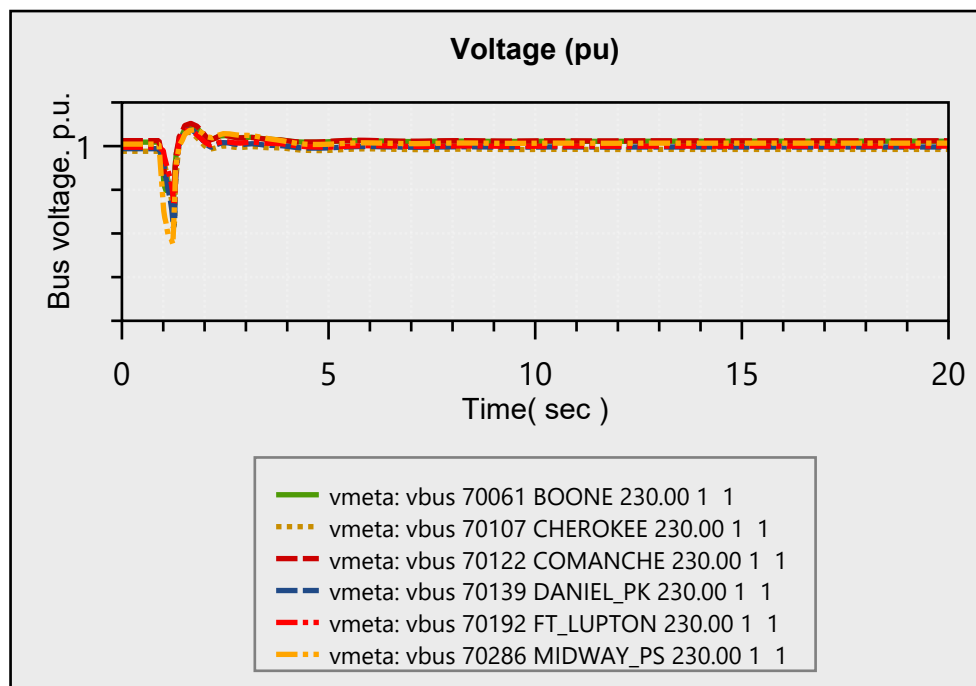
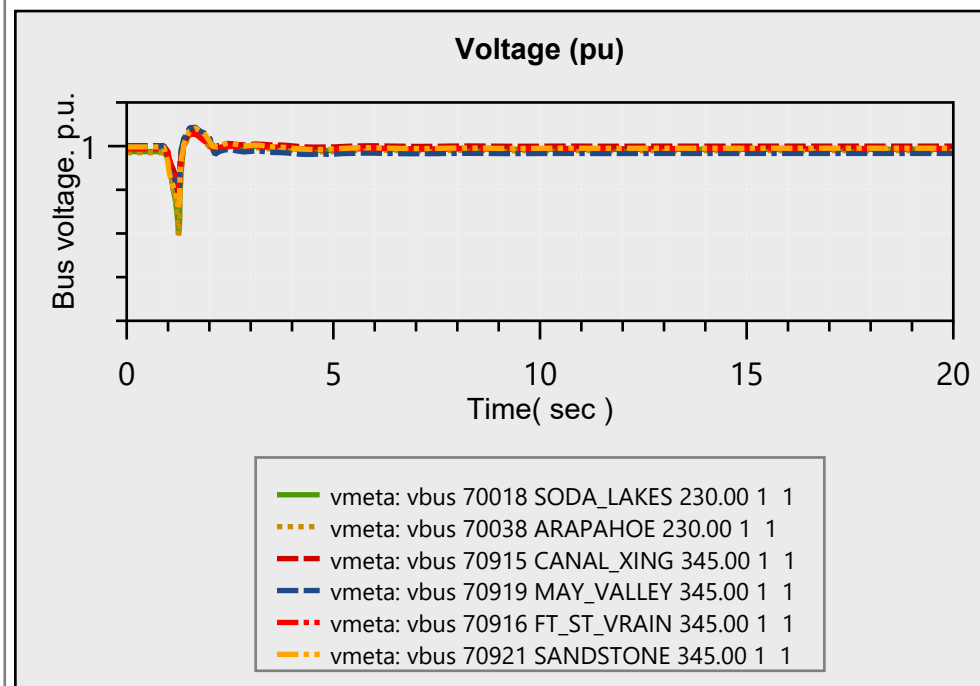
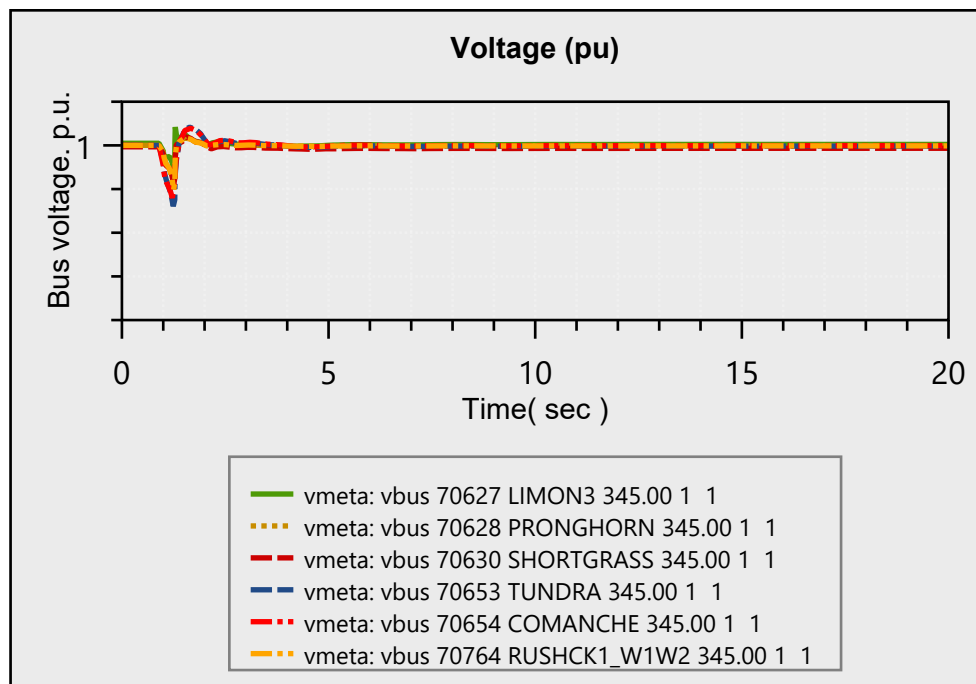
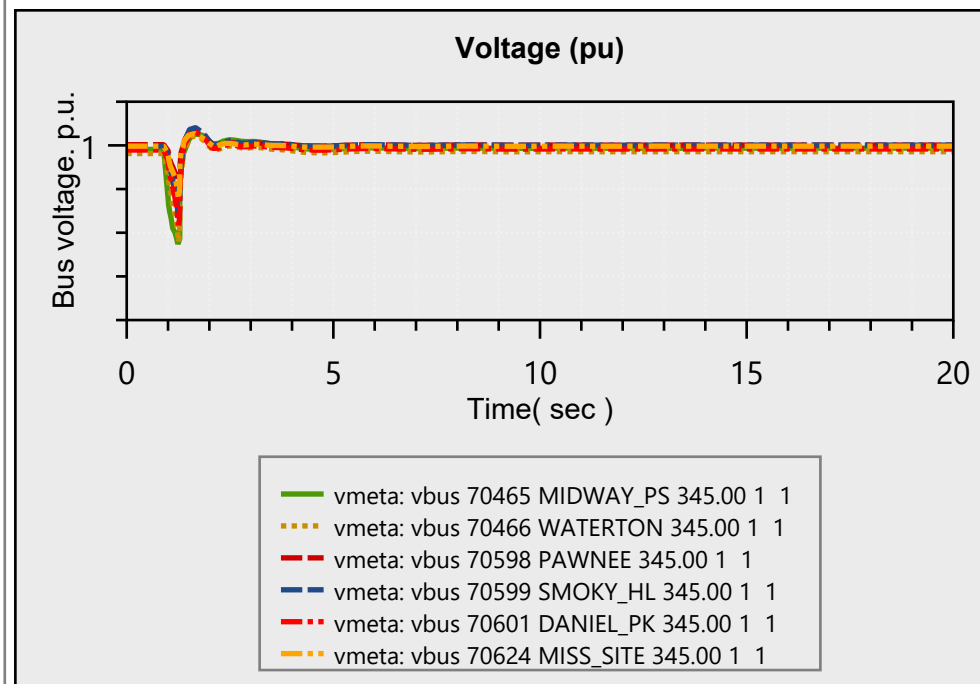
OUTPUTS



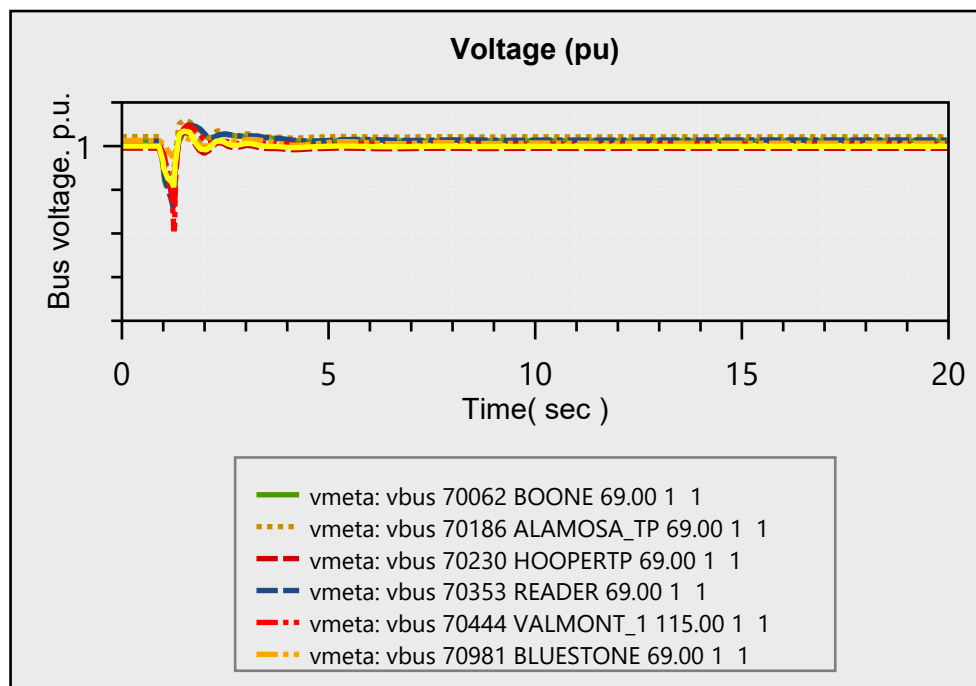
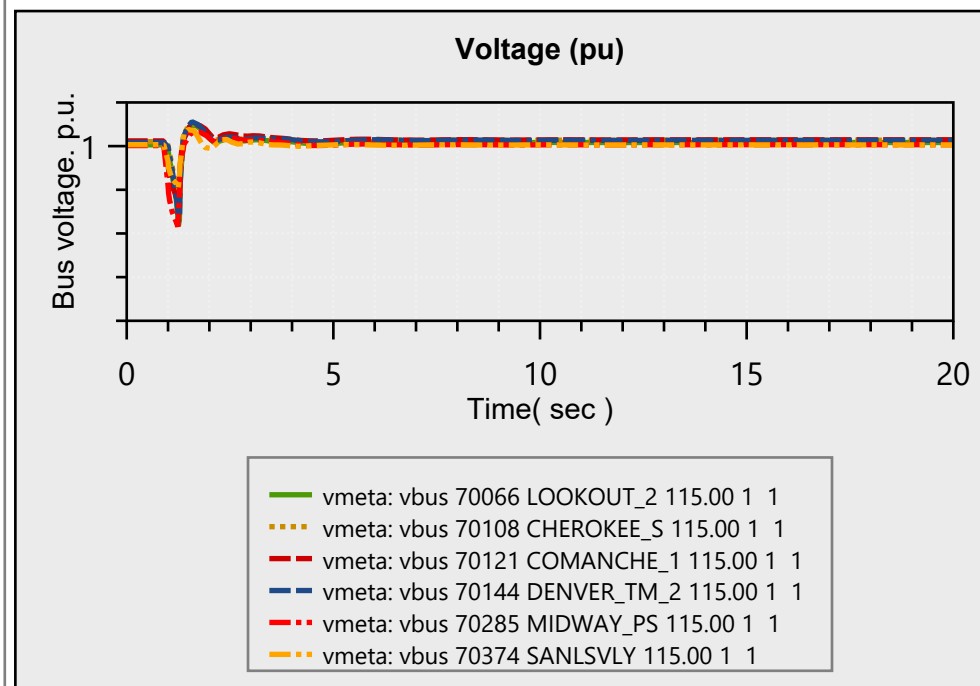
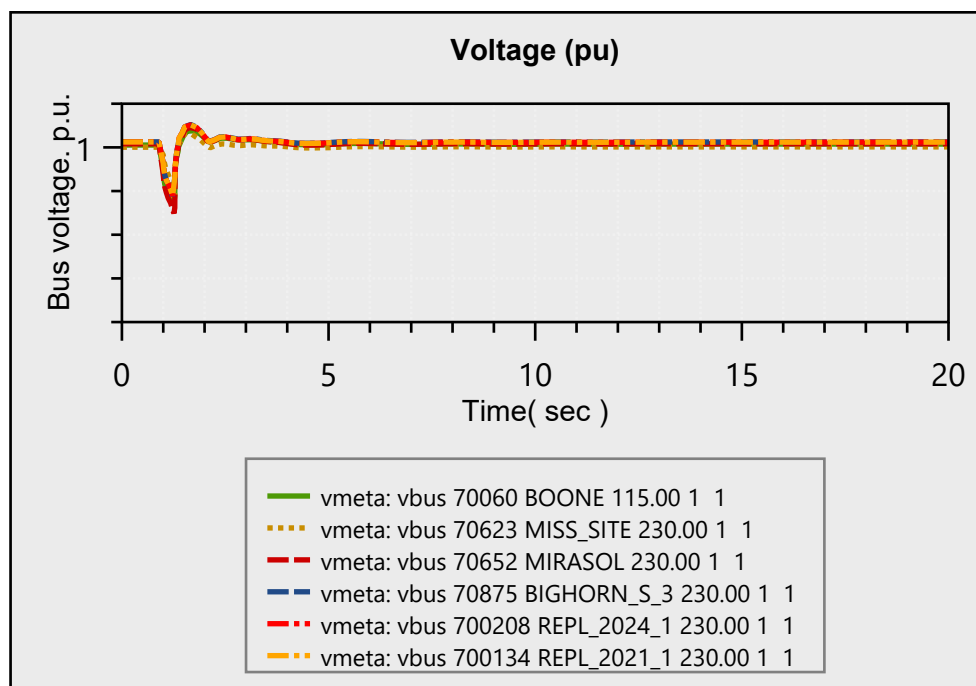
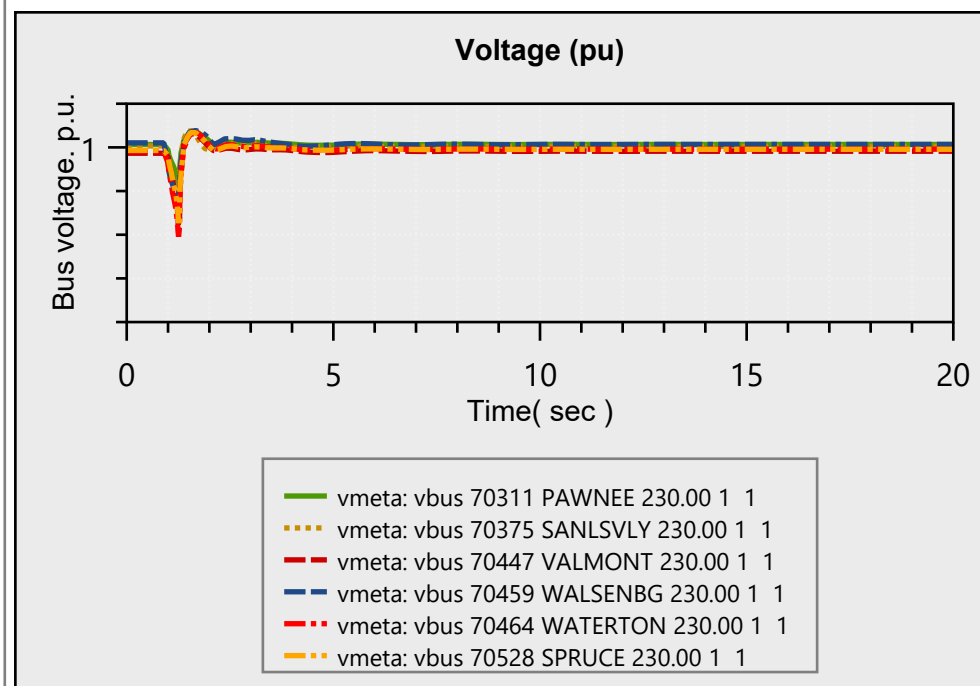
OUTPUTS



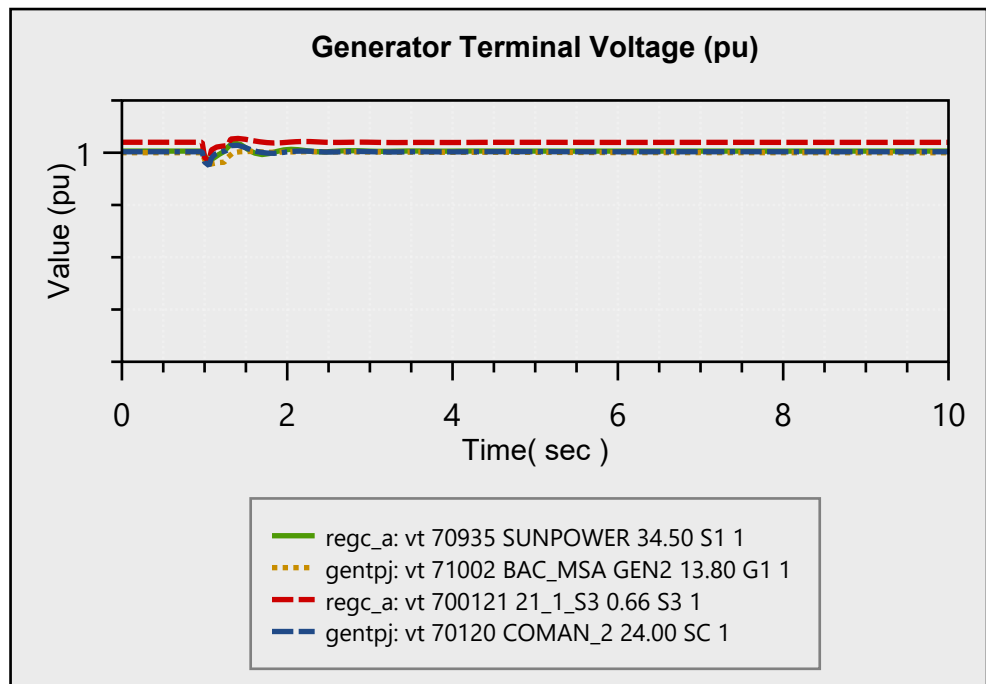
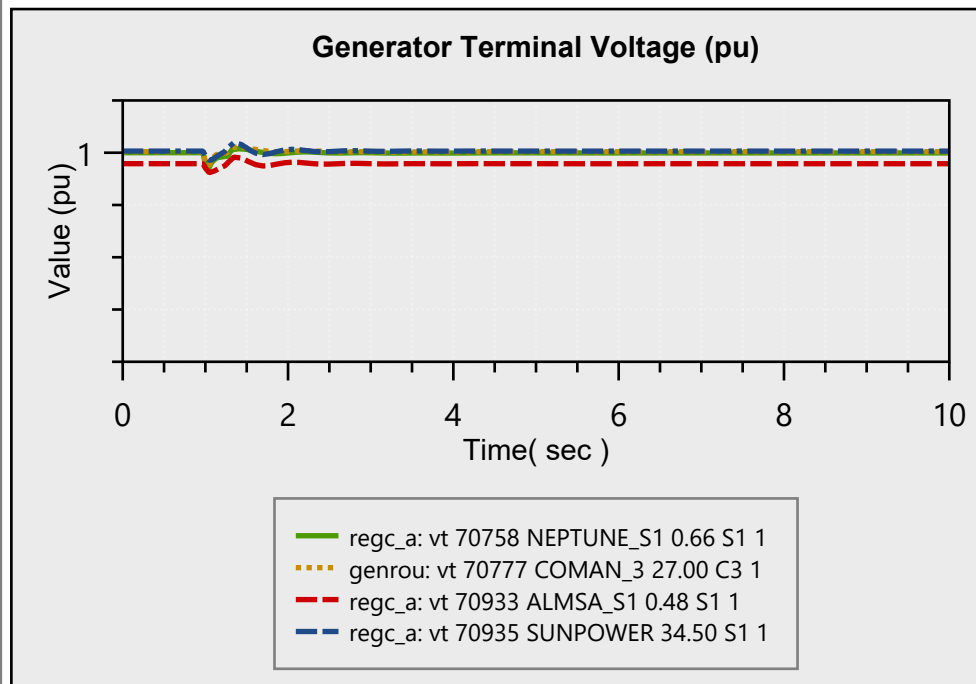
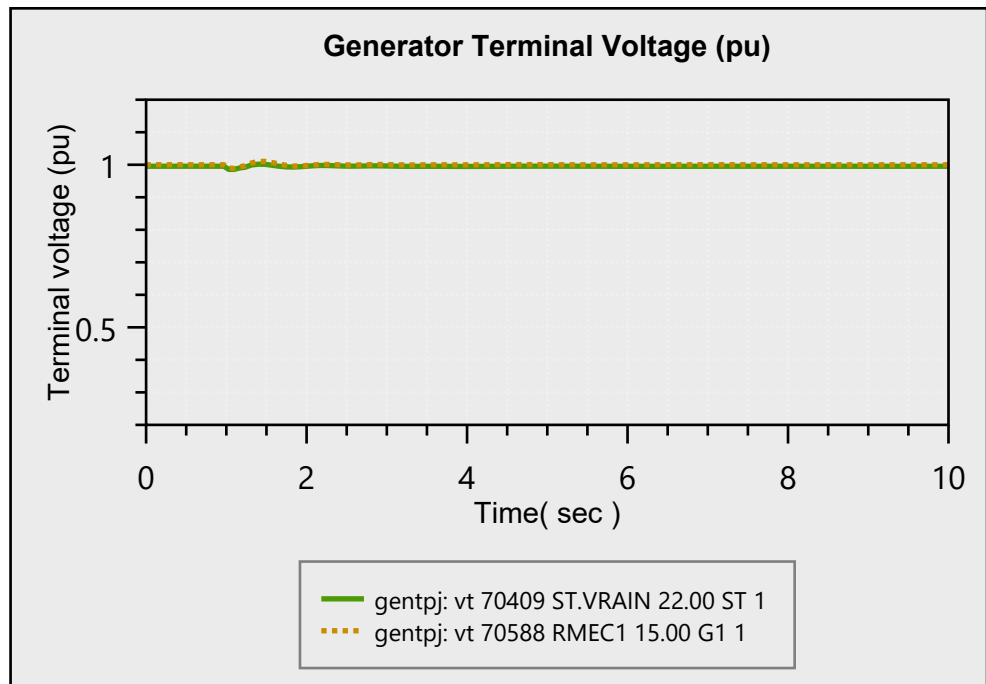
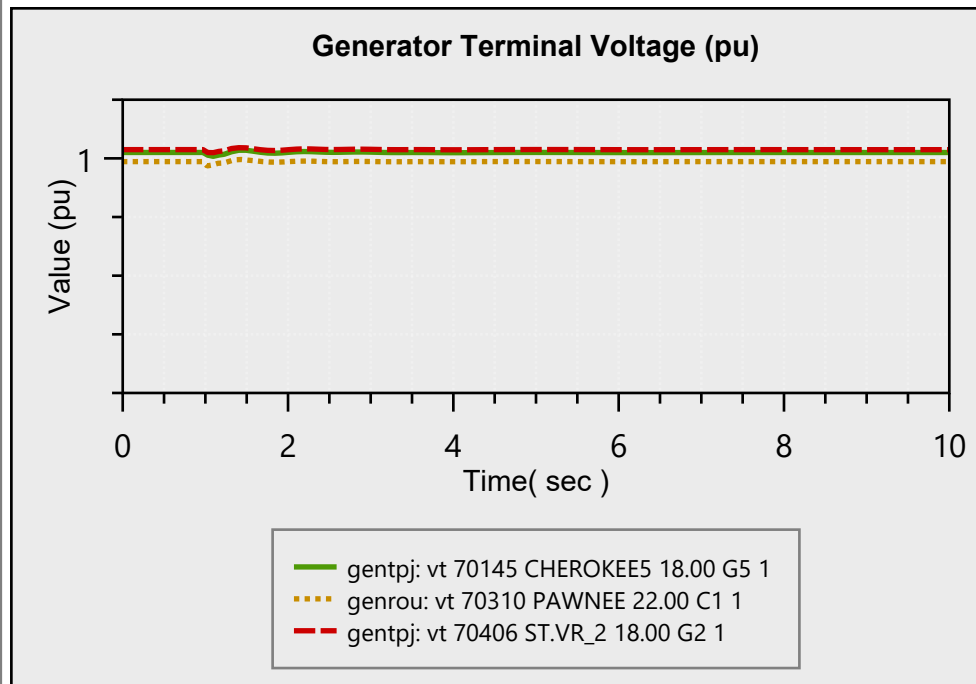
OUTPUTS



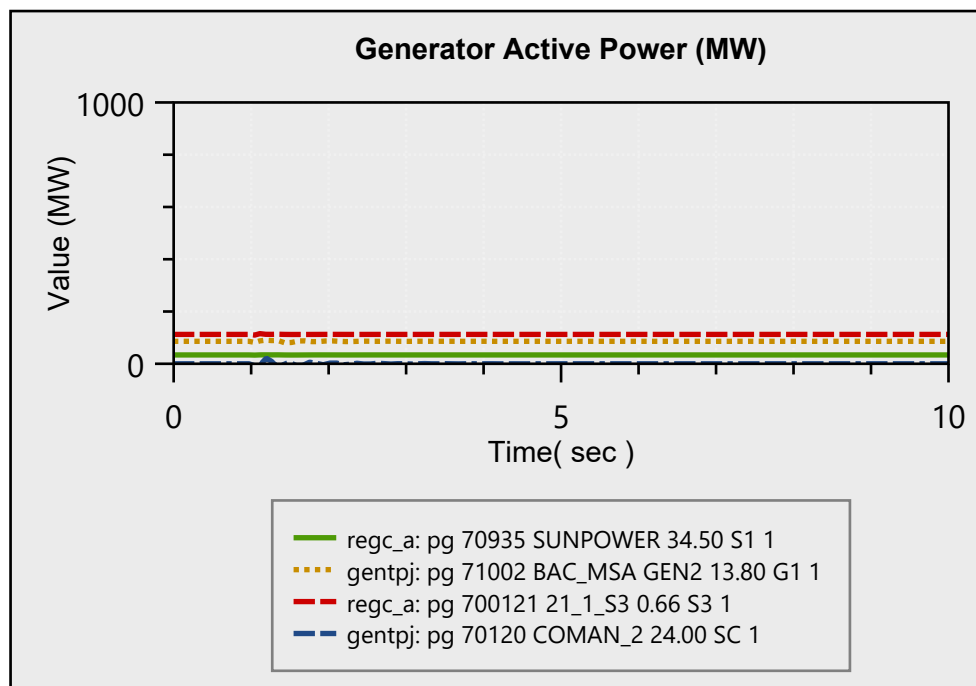
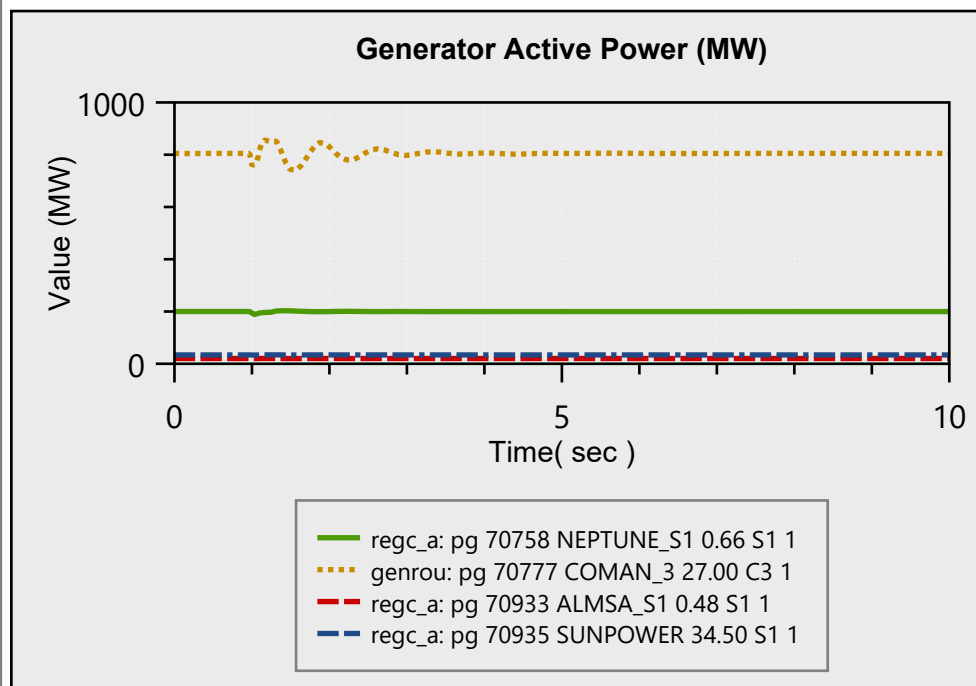
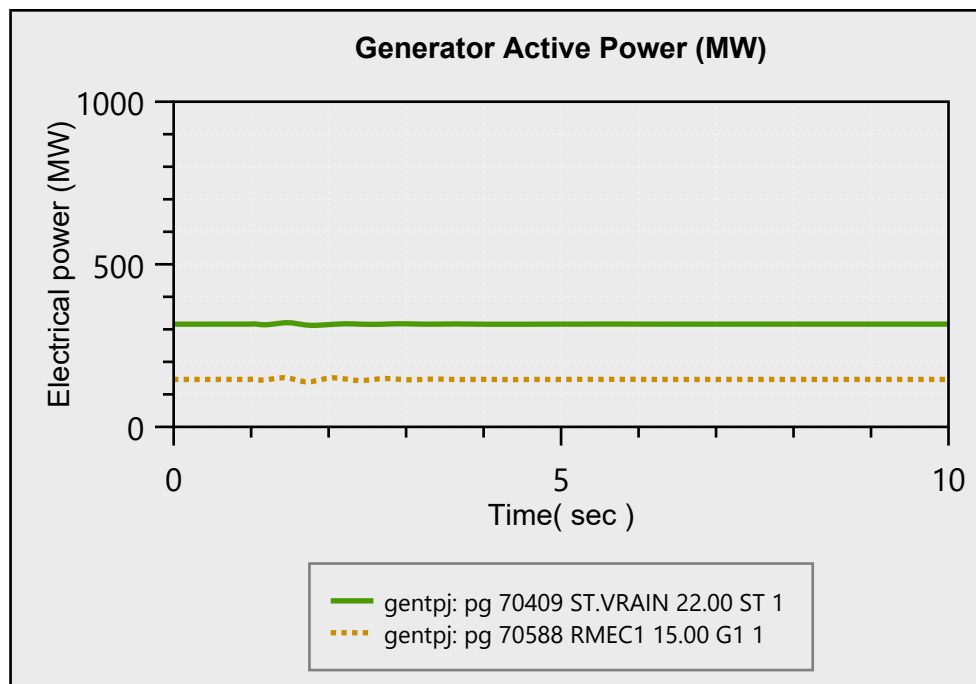
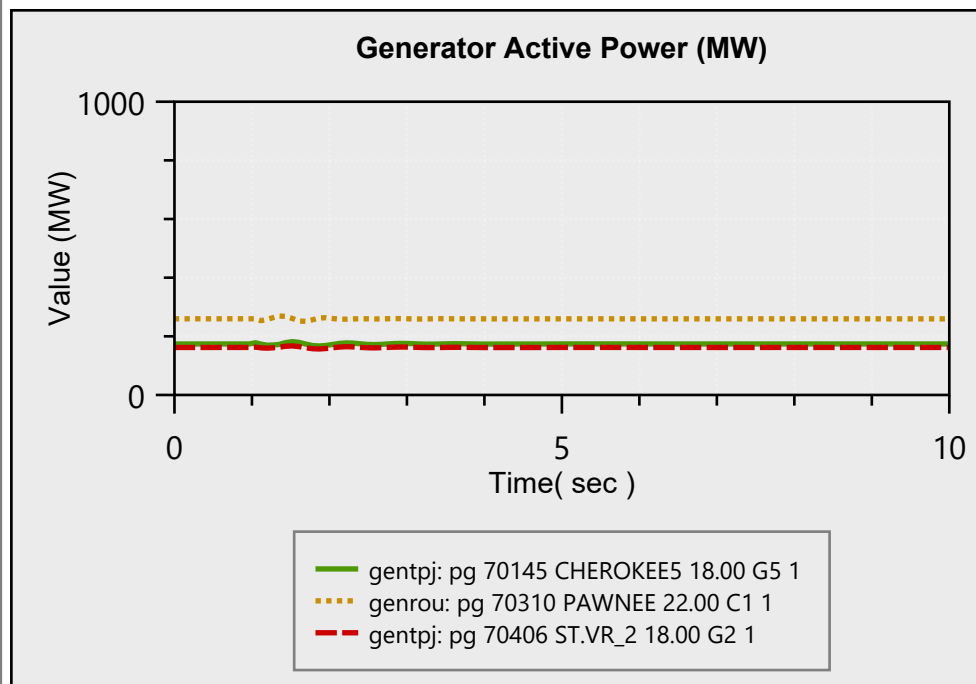
OUTPUTS



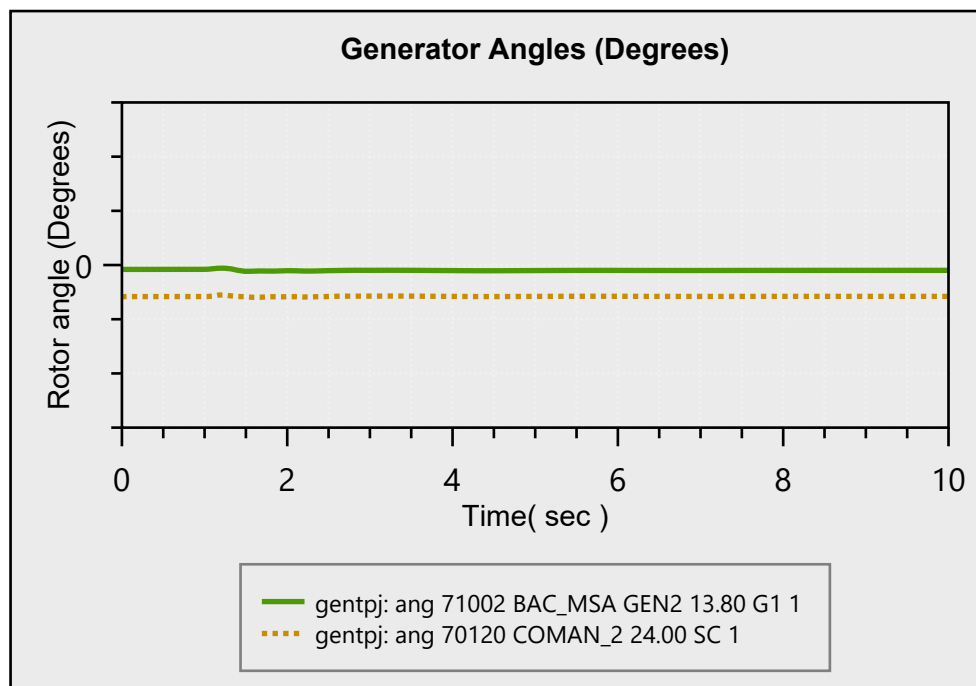
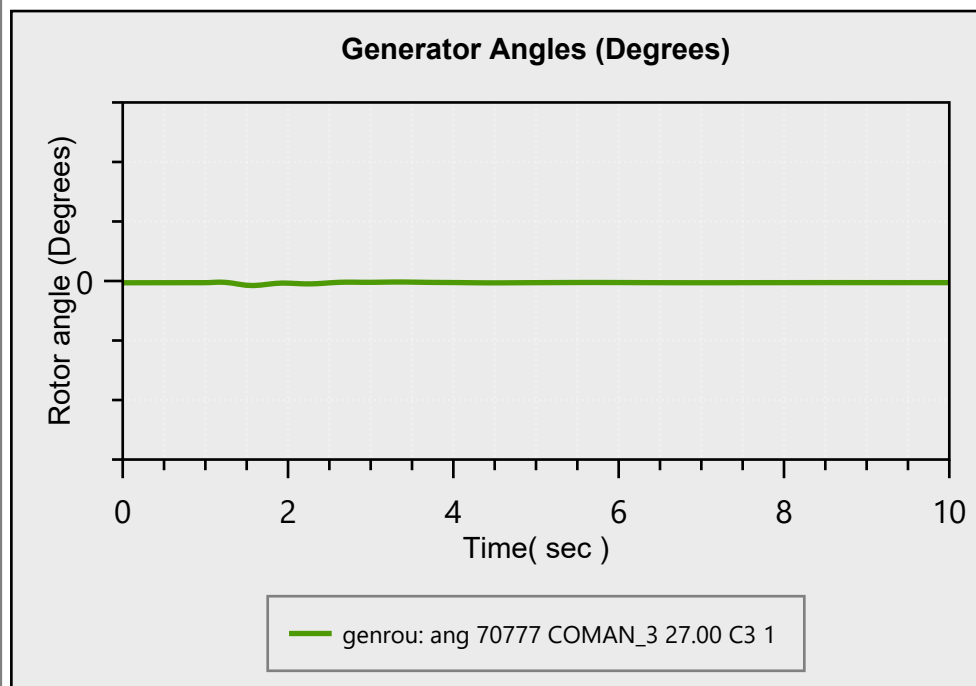
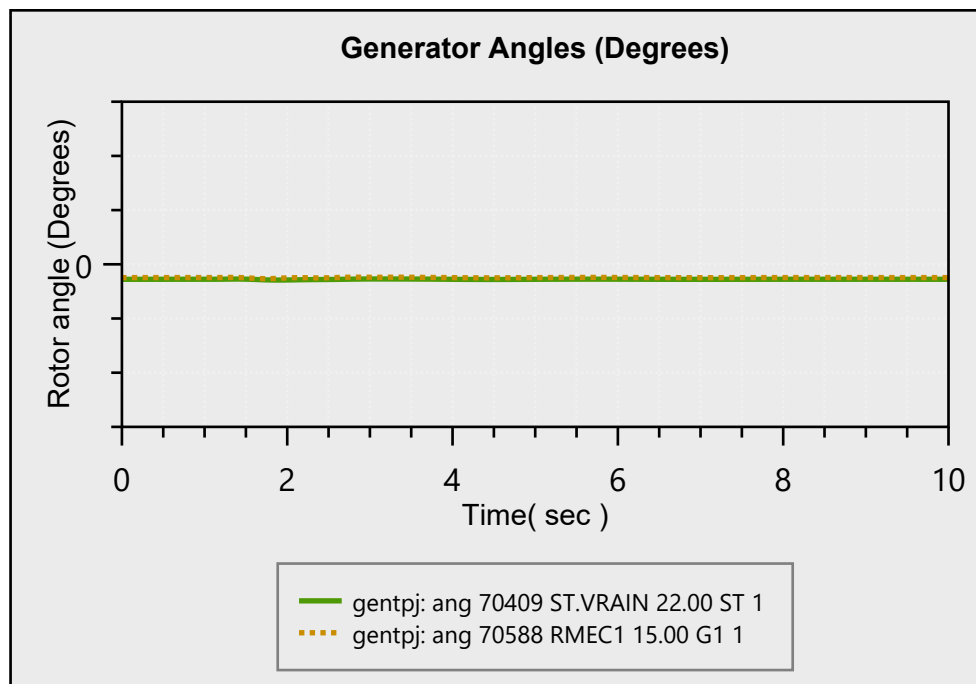
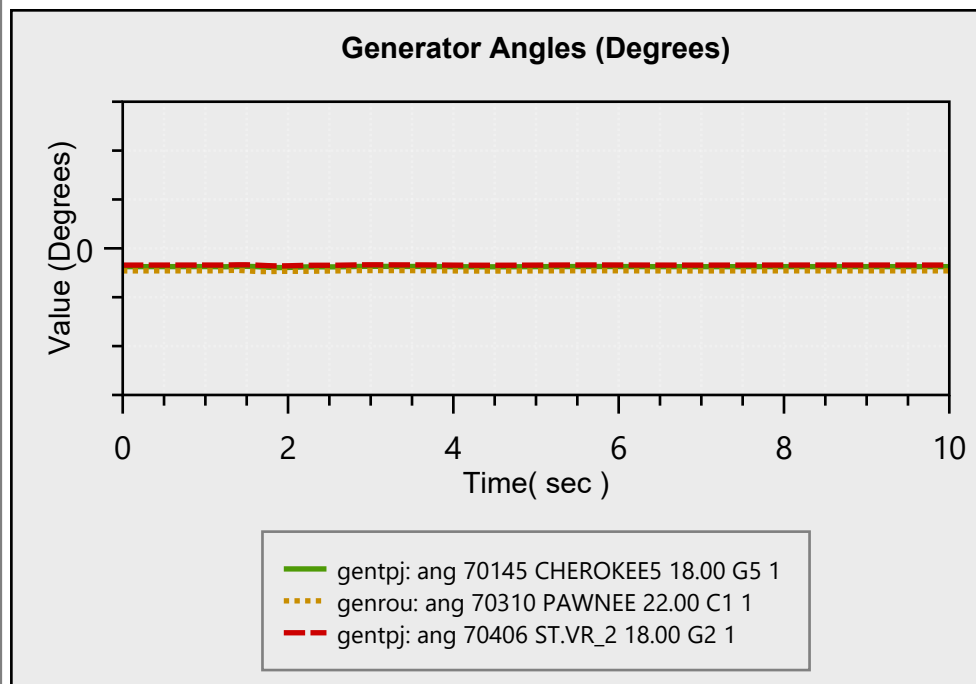
OUTPUTS



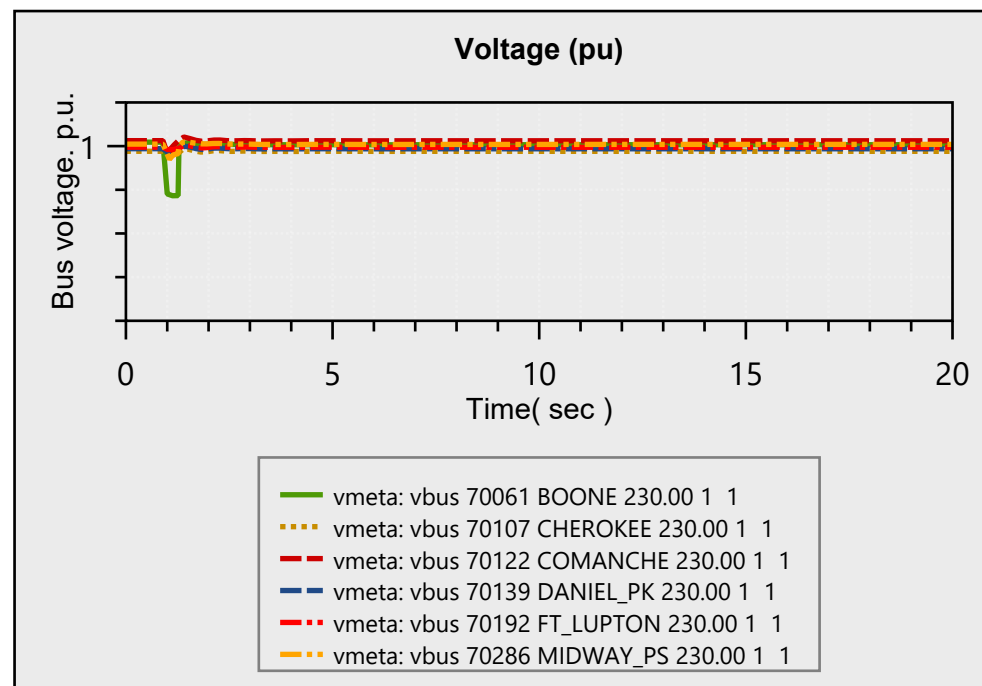
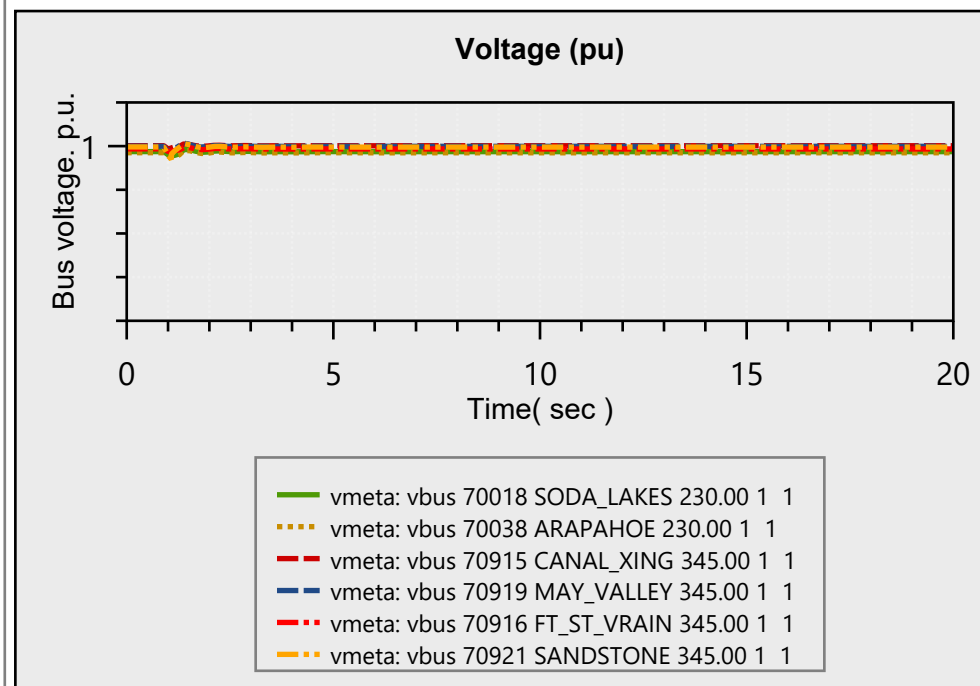
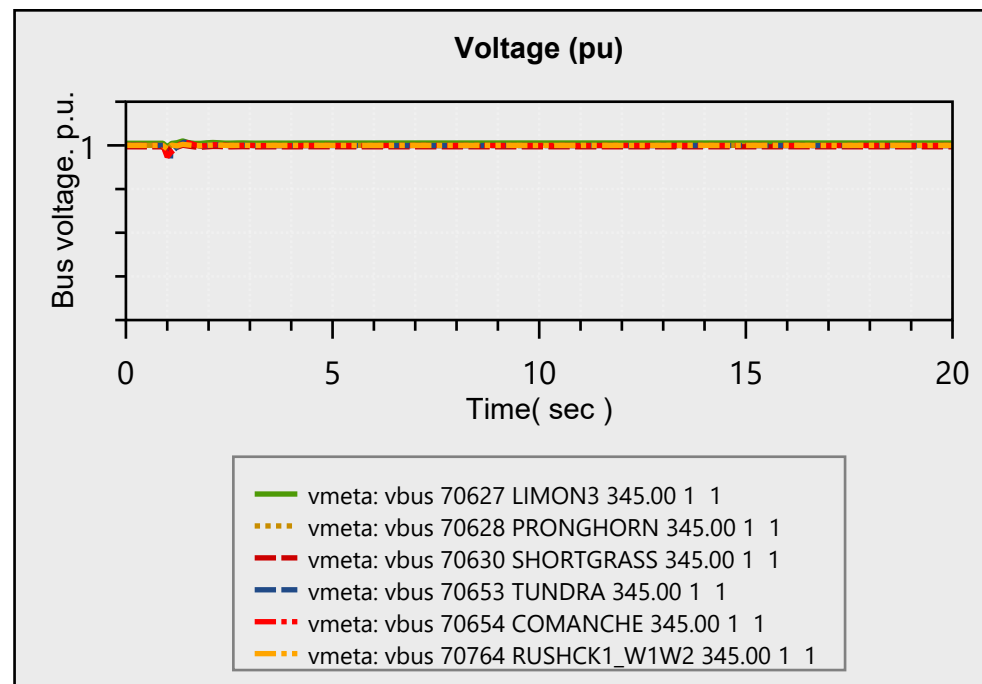
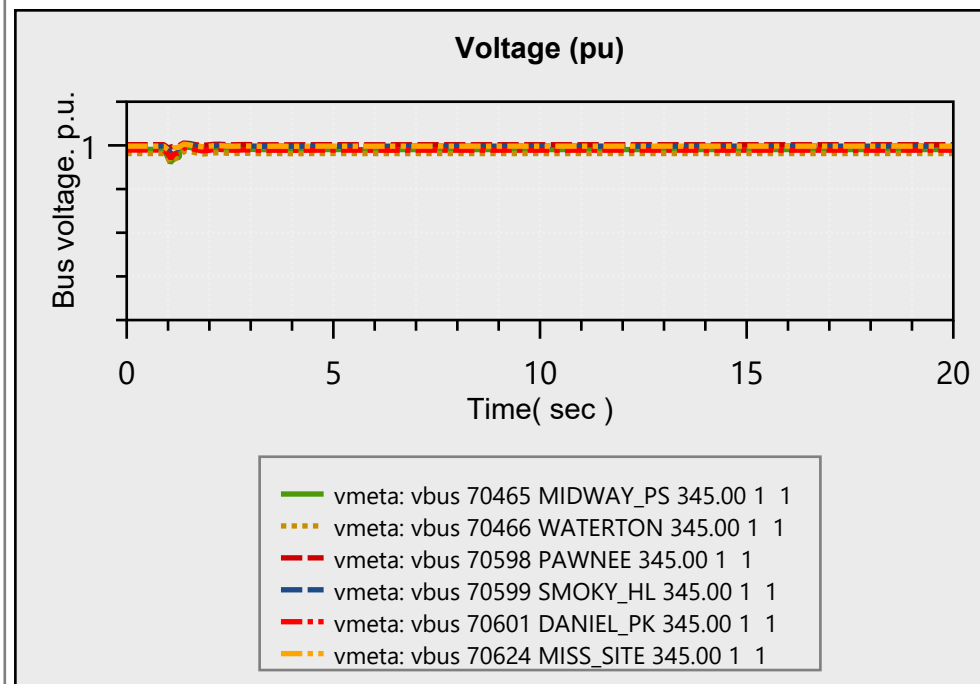
OUTPUTS



OUTPUTS

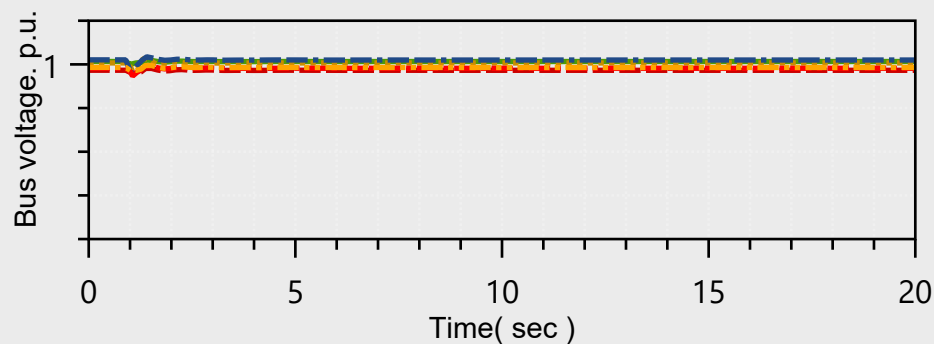


OUTPUTS



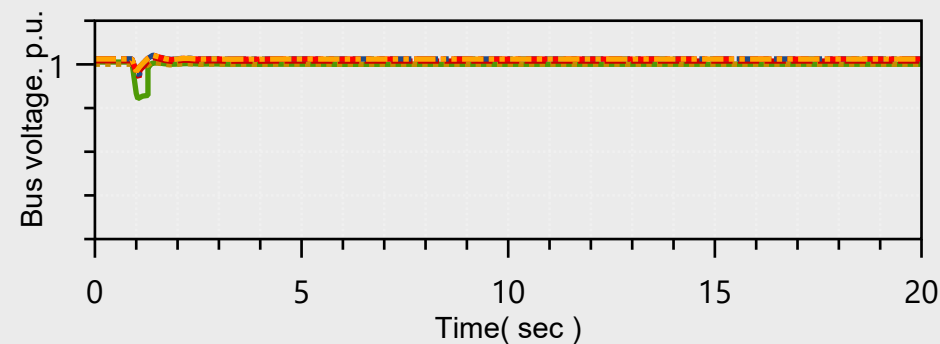
OUTPUTS

Voltage (pu)



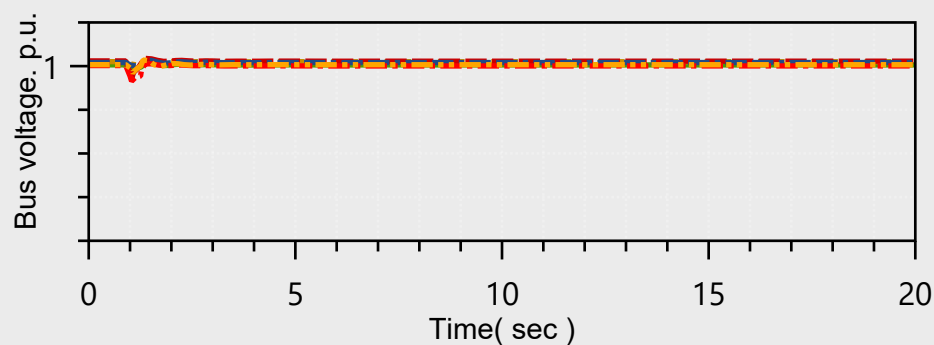
— vmeta: vbus 70311 PAWNEE 230.00 1 1
 - - - vmeta: vbus 70375 SANLSVLY 230.00 1 1
 - - - vmeta: vbus 70447 VALMONT 230.00 1 1
 - - - vmeta: vbus 70459 WALSENBG 230.00 1 1
 - - - vmeta: vbus 70464 WATERTON 230.00 1 1
 - - - vmeta: vbus 70528 SPRUCE 230.00 1 1

Voltage (pu)



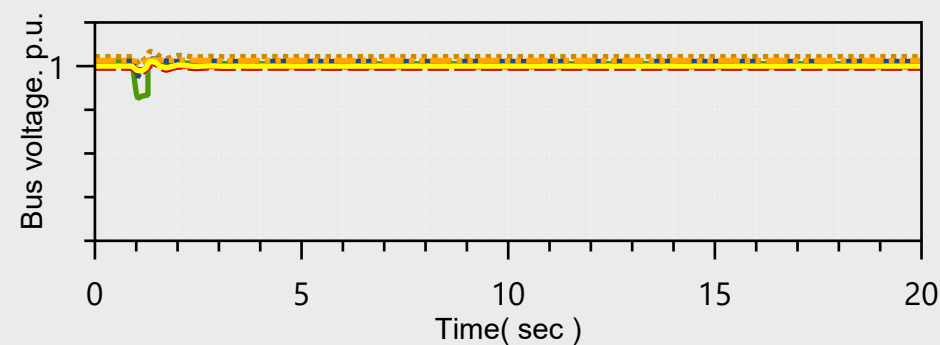
— vmeta: vbus 70060 BOONE 115.00 1 1
 - - - vmeta: vbus 70623 MISS_SITE 230.00 1 1
 - - - vmeta: vbus 70652 MIRASOL 230.00 1 1
 - - - vmeta: vbus 70875 BIGHORN_S_3 230.00 1 1
 - - - vmeta: vbus 700208 REPL_2024_1 230.00 1 1
 - - - vmeta: vbus 700134 REPL_2021_1 230.00 1 1

Voltage (pu)



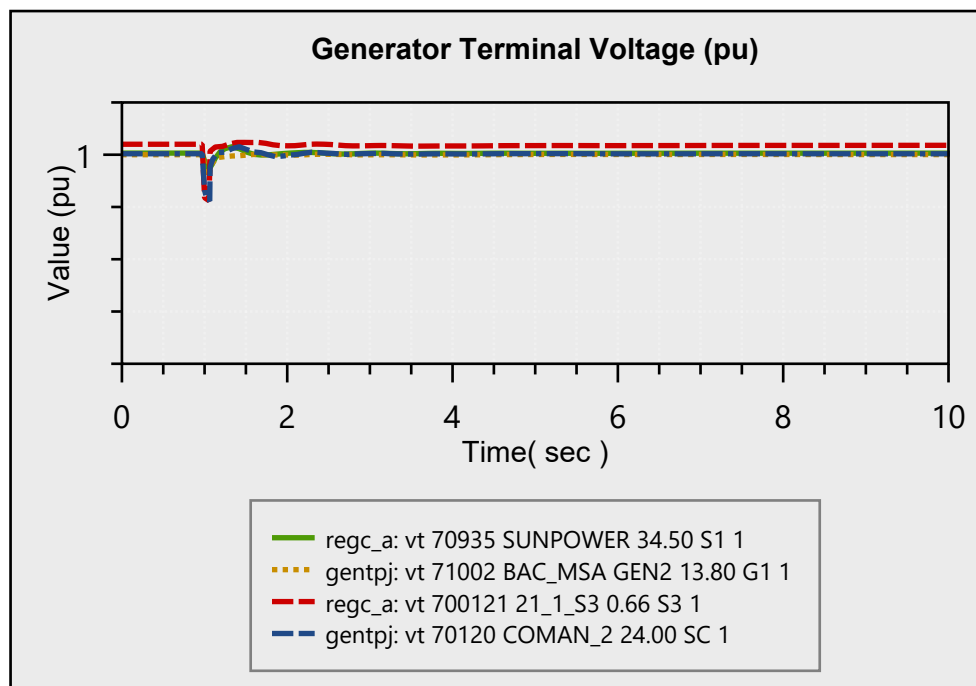
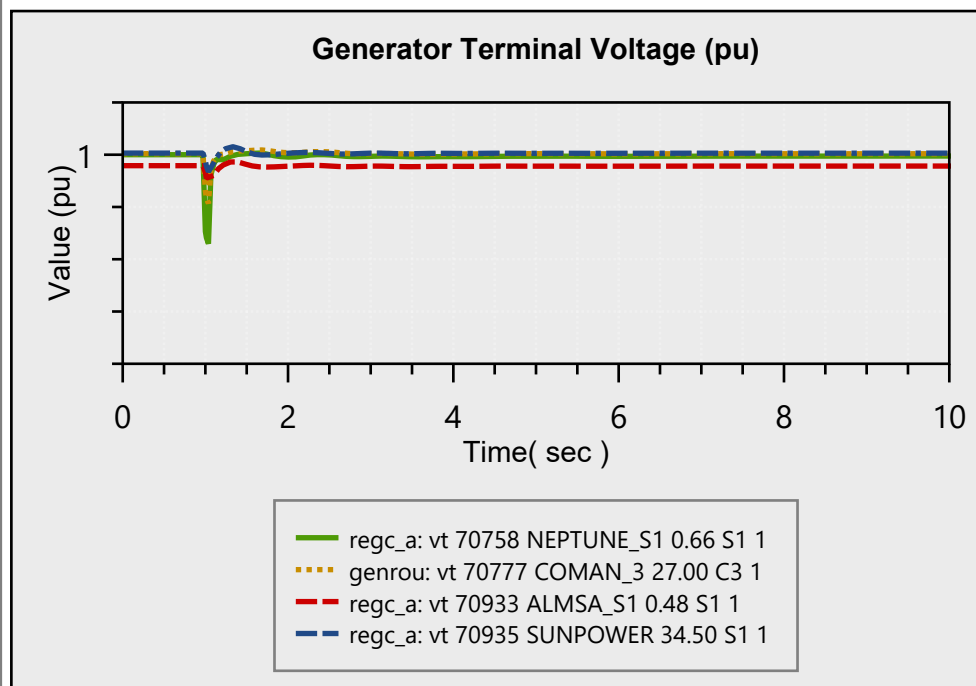
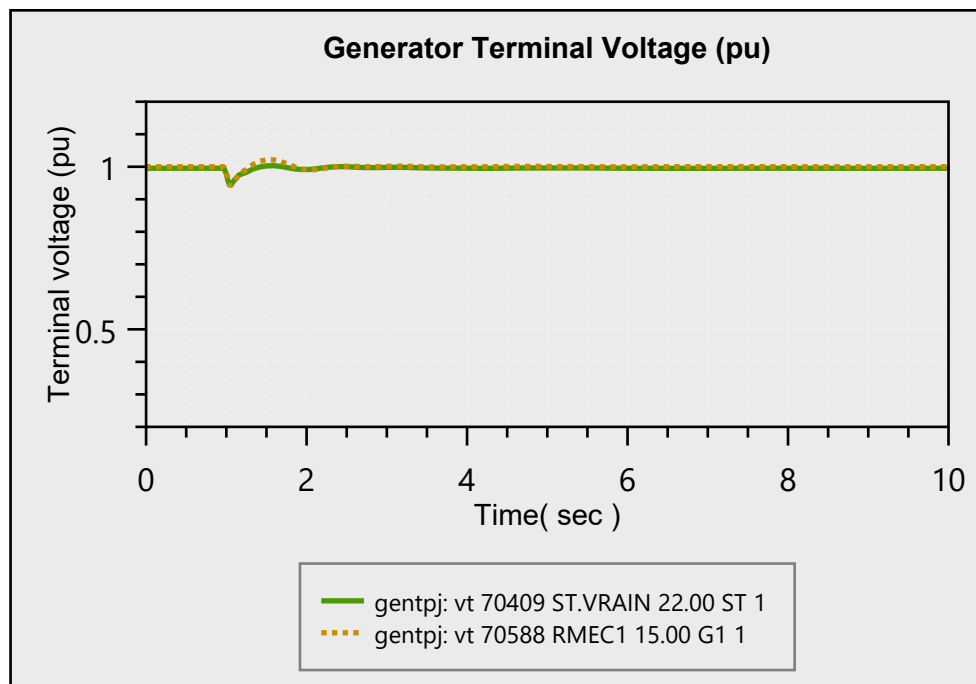
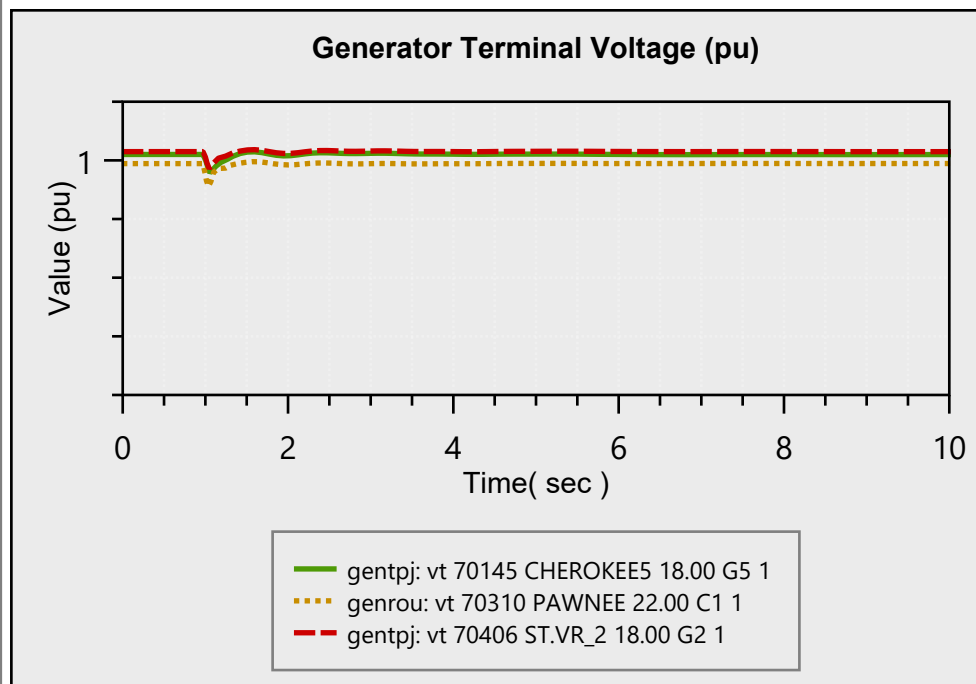
— vmeta: vbus 70066 LOOKOUT_2 115.00 1 1
 - - - vmeta: vbus 70108 CHEROKEE_S 115.00 1 1
 - - - vmeta: vbus 70121 COMANCHE_1 115.00 1 1
 - - - vmeta: vbus 70144 DENVER_TM_2 115.00 1 1
 - - - vmeta: vbus 70285 MIDWAY_PS 115.00 1 1
 - - - vmeta: vbus 70374 SANLSVLY 115.00 1 1

Voltage (pu)

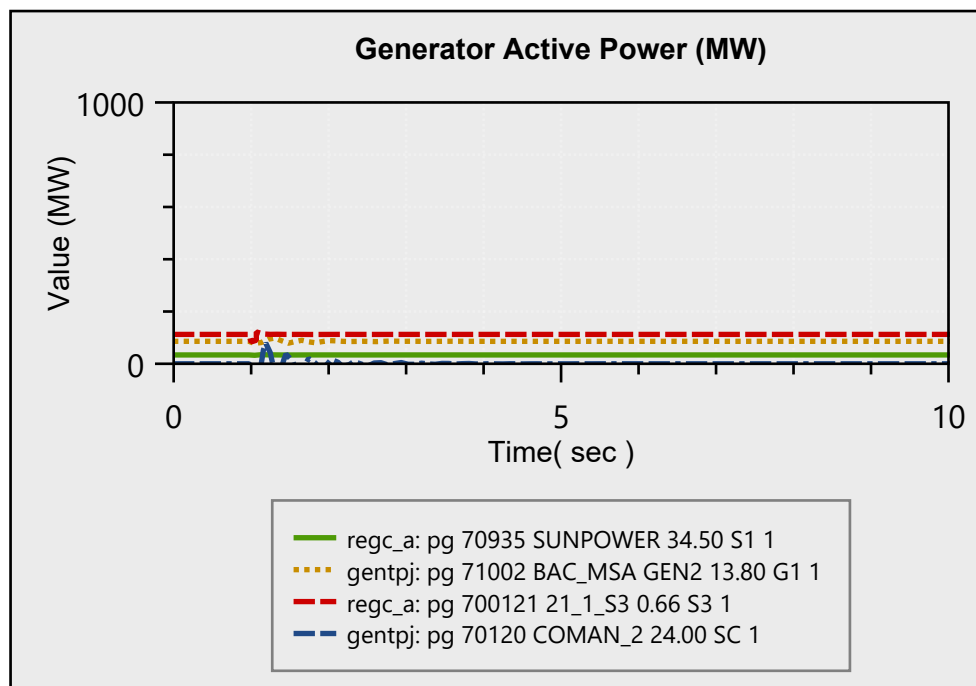
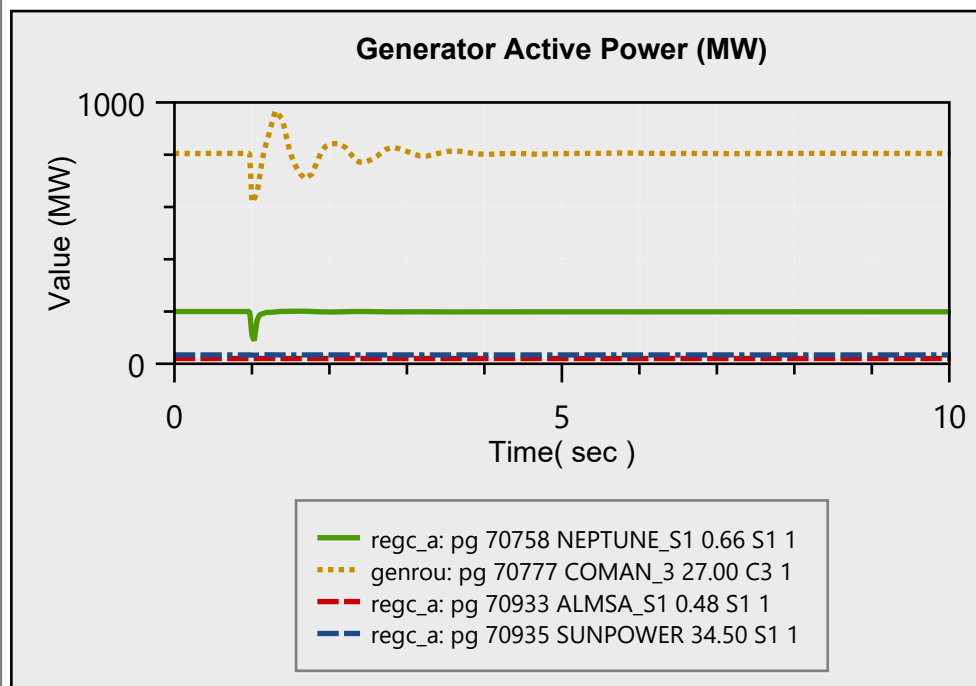
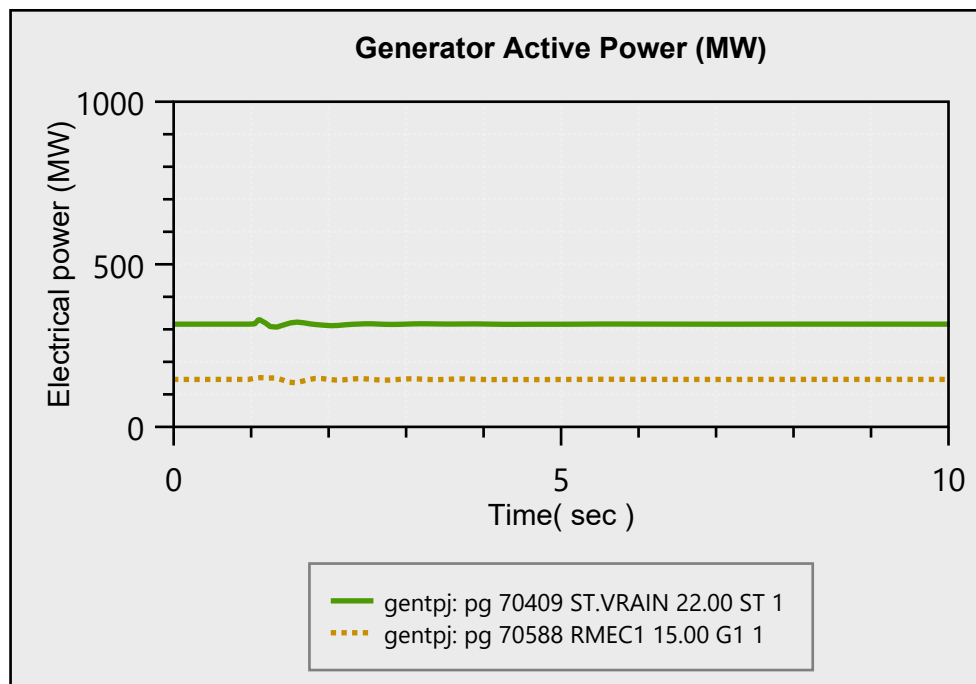
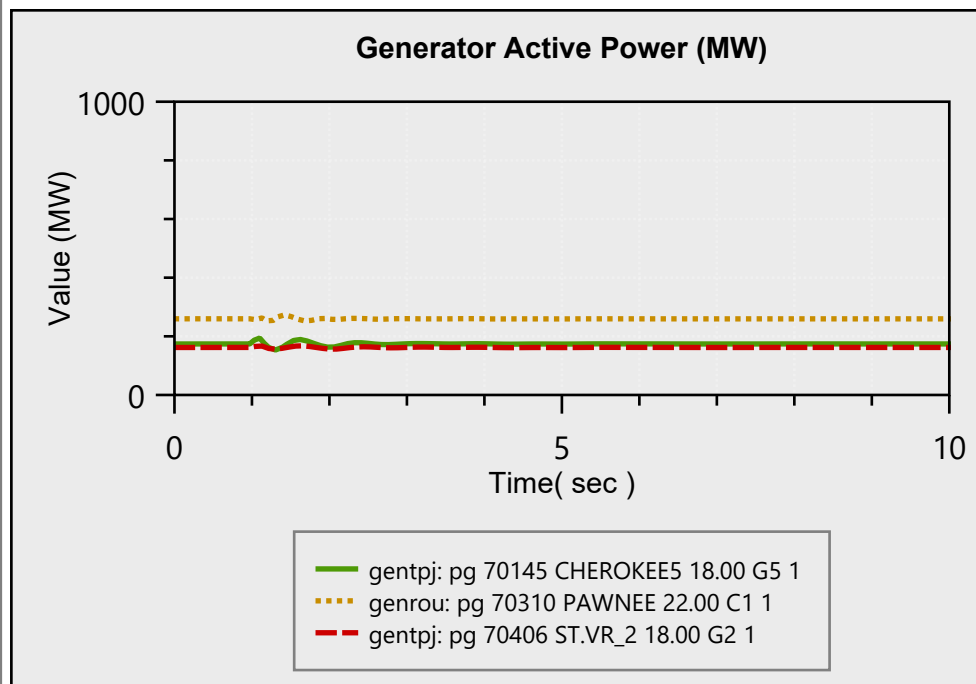


— vmeta: vbus 70062 BOONE 69.00 1 1
 - - - vmeta: vbus 70186 ALAMOSA_TP 69.00 1 1
 - - - vmeta: vbus 70230 HOOPERTP 69.00 1 1
 - - - vmeta: vbus 70353 READER 69.00 1 1
 - - - vmeta: vbus 70444 VALMONT_1 115.00 1 1
 - - - vmeta: vbus 70981 BLUESTONE 69.00 1 1

OUTPUTS

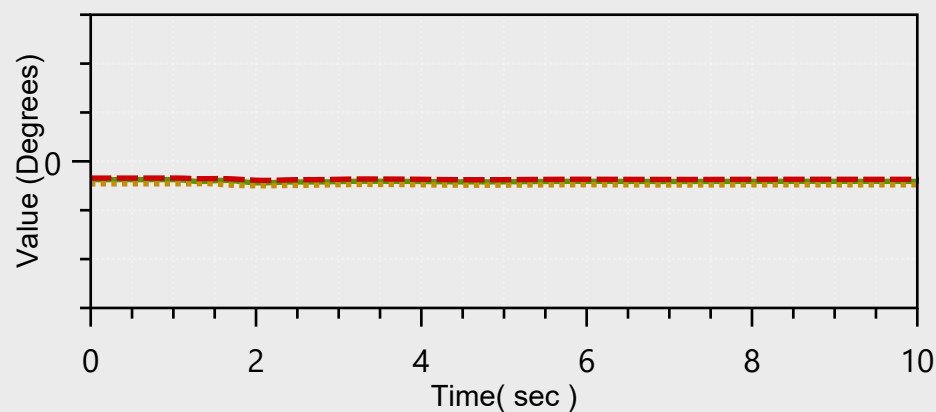


OUTPUTS

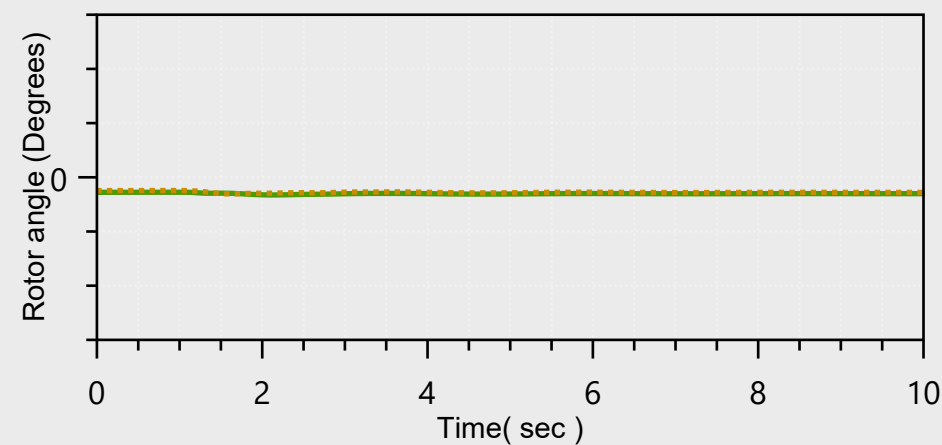


OUTPUTS

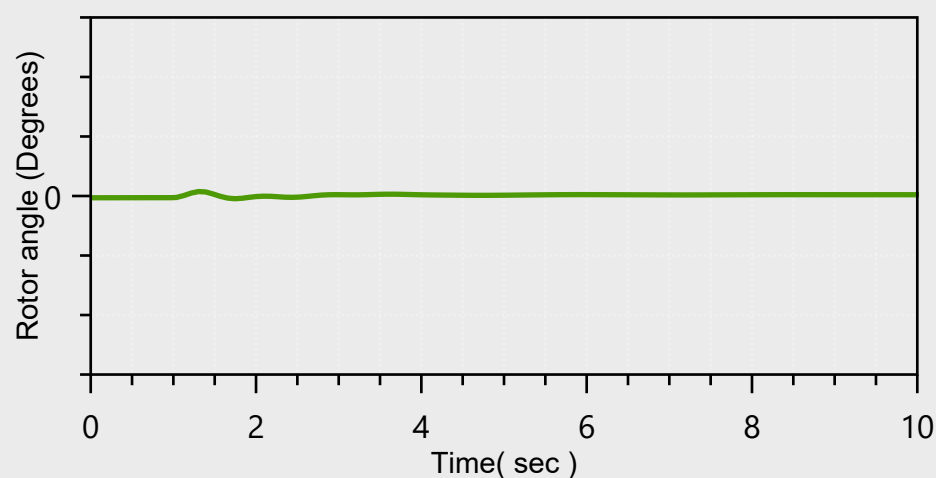
Generator Angles (Degrees)



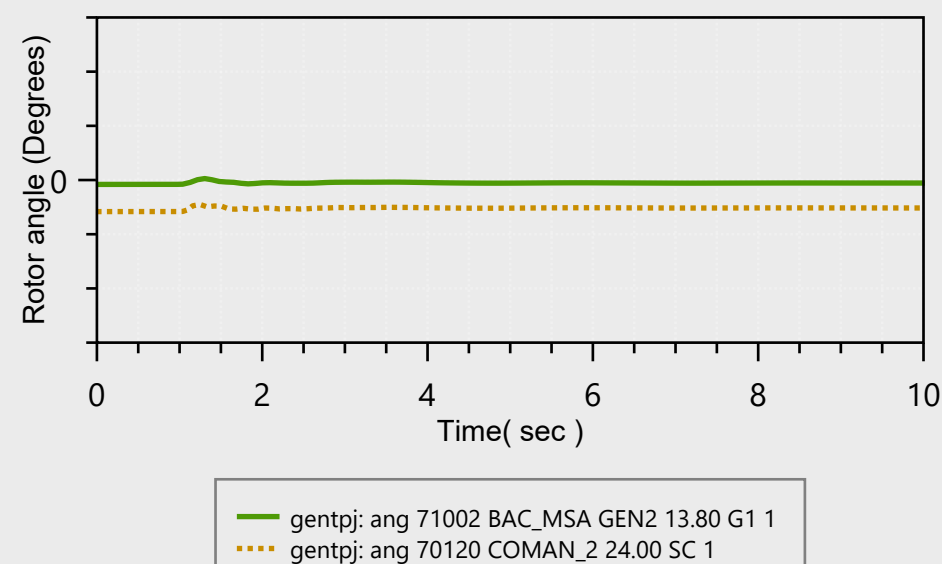
Generator Angles (Degrees)



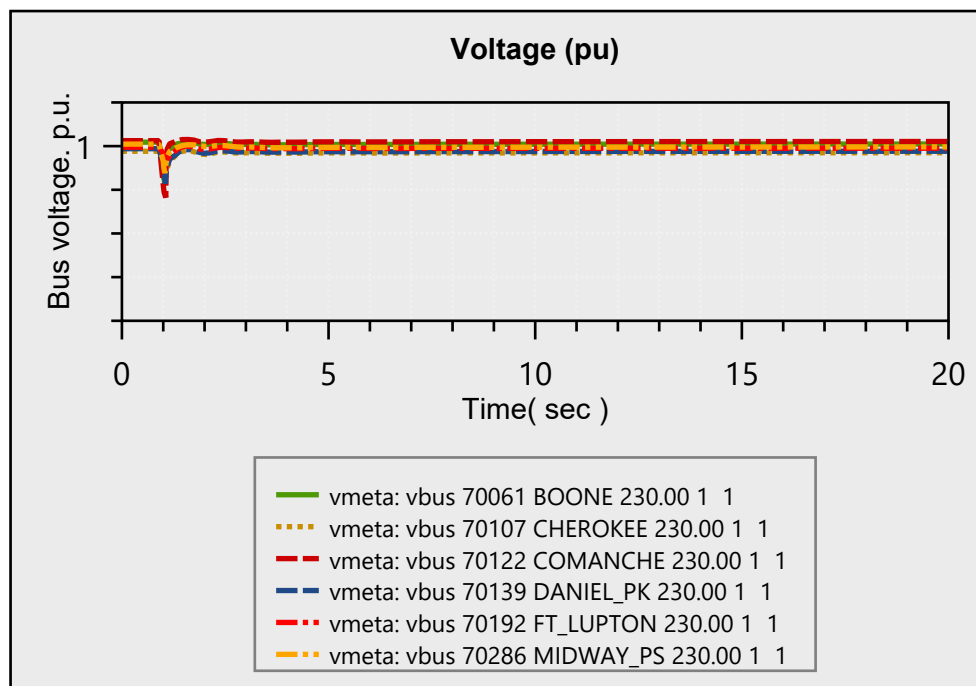
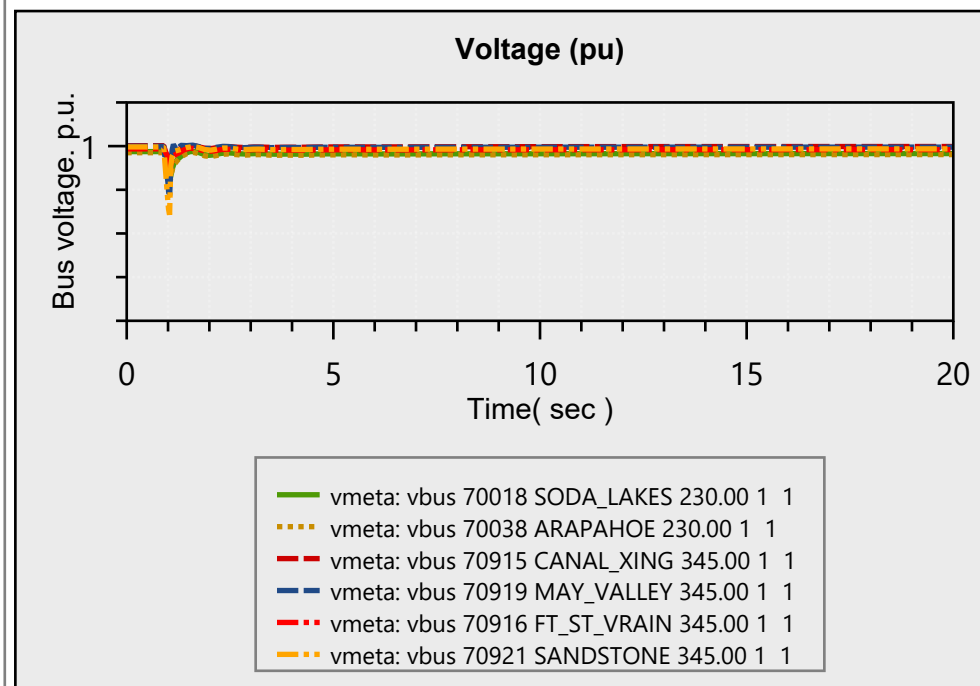
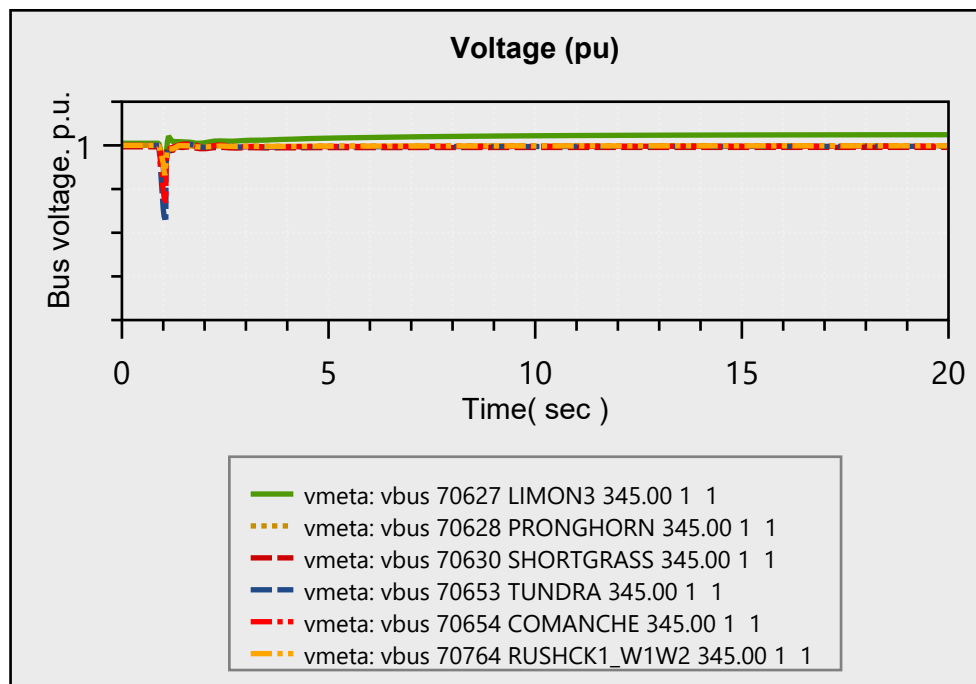
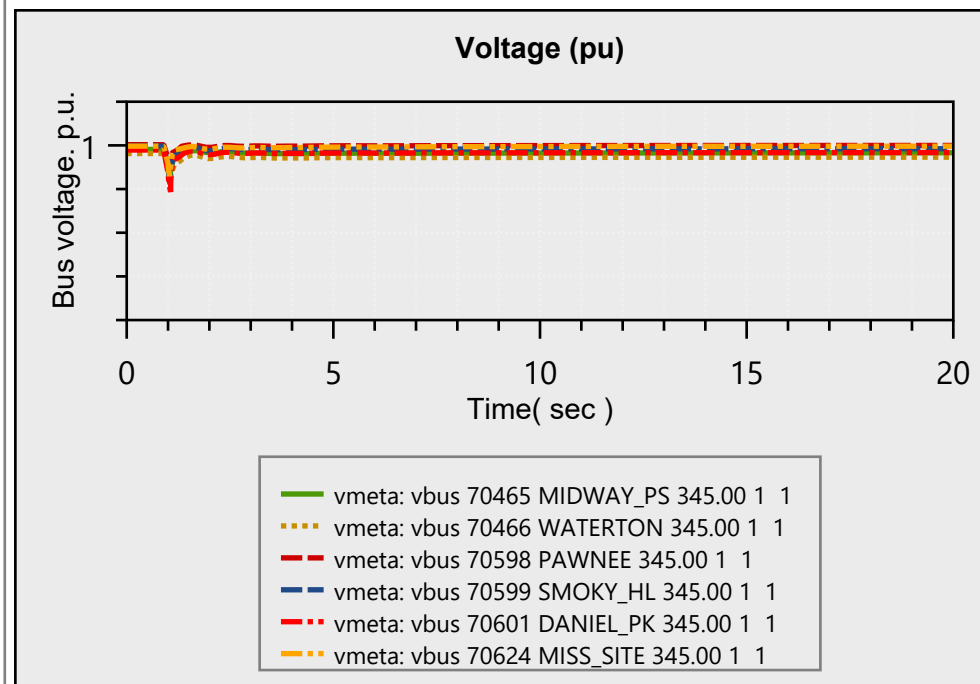
Generator Angles (Degrees)



Generator Angles (Degrees)

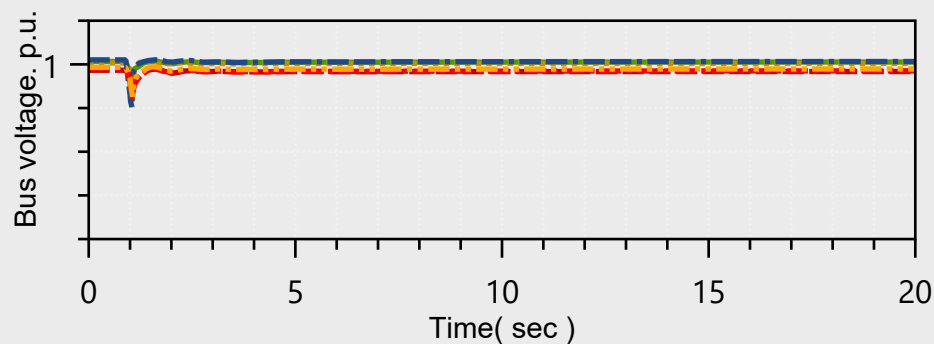


OUTPUTS



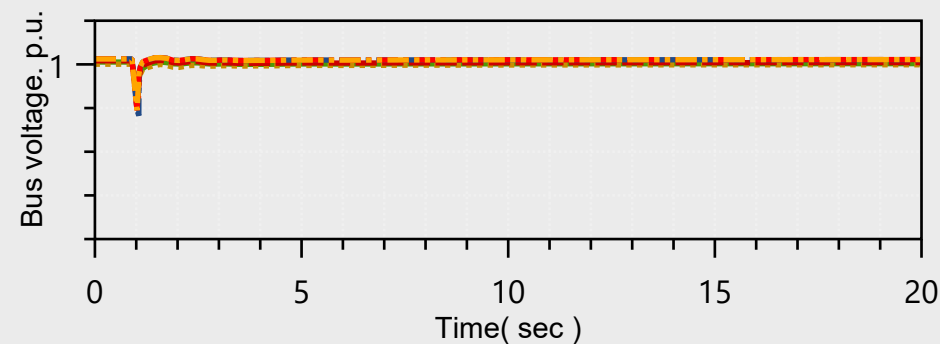
OUTPUTS

Voltage (pu)



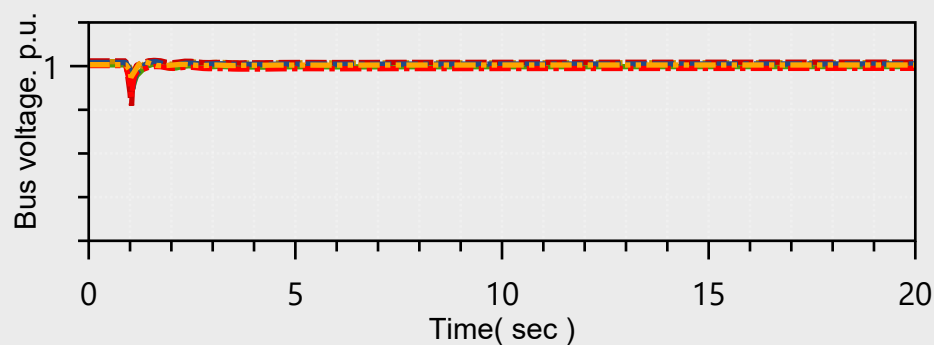
vmeta: vbus 70311 PAWNEE 230.00 1 1
 vmeta: vbus 70375 SANLSVLY 230.00 1 1
 vmeta: vbus 70447 VALMONT 230.00 1 1
 vmeta: vbus 70459 WALSENBG 230.00 1 1
 vmeta: vbus 70464 WATERTON 230.00 1 1
 vmeta: vbus 70528 SPRUCE 230.00 1 1

Voltage (pu)



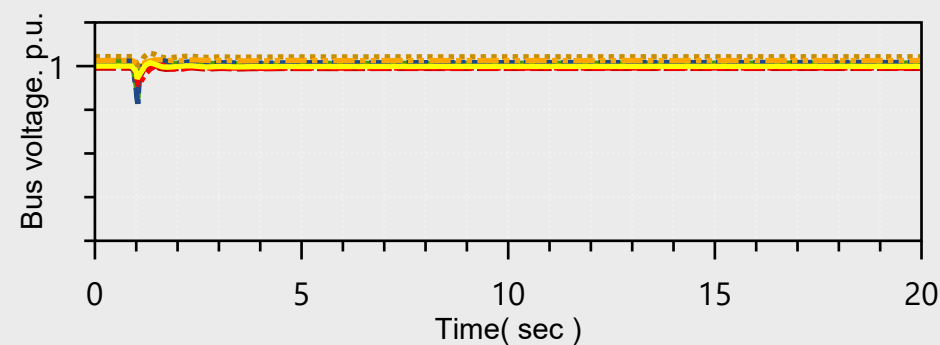
vmeta: vbus 70060 BOONE 115.00 1 1
 vmeta: vbus 70623 MISS_SITE 230.00 1 1
 vmeta: vbus 70652 MIRASOL 230.00 1 1
 vmeta: vbus 70875 BIGHORN_S_3 230.00 1 1
 vmeta: vbus 700208 REPL_2024_1 230.00 1 1
 vmeta: vbus 700134 REPL_2021_1 230.00 1 1

Voltage (pu)



vmeta: vbus 70066 LOOKOUT_2 115.00 1 1
 vmeta: vbus 70108 CHEROKEE_S 115.00 1 1
 vmeta: vbus 70121 COMANCHE_1 115.00 1 1
 vmeta: vbus 70144 DENVER_TM_2 115.00 1 1
 vmeta: vbus 70285 MIDWAY_PS 115.00 1 1
 vmeta: vbus 70374 SANLSVLY 115.00 1 1

Voltage (pu)



vmeta: vbus 70062 BOONE 69.00 1 1
 vmeta: vbus 70186 ALAMOSA_TP 69.00 1 1
 vmeta: vbus 70230 HOOPERTP 69.00 1 1
 vmeta: vbus 70353 READER 69.00 1 1
 vmeta: vbus 70444 VALMONT_1 115.00 1 1
 vmeta: vbus 70981 BLUESTONE 69.00 1 1

Appendix B Stability Results

See attached spreadsheet Appendix B Stability Results.xlsx