

# **Appendix 3**

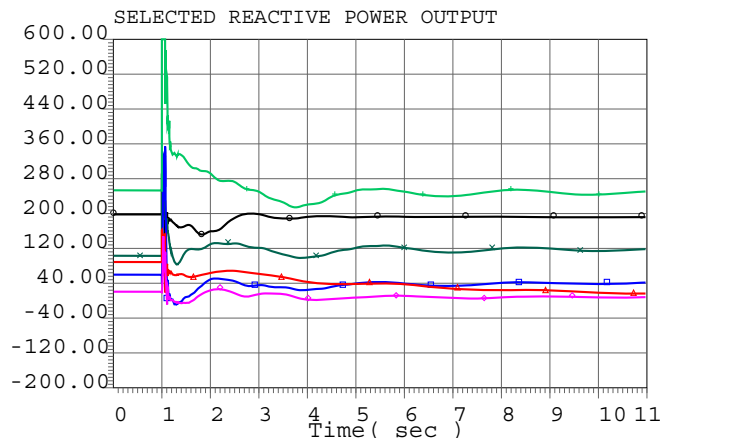
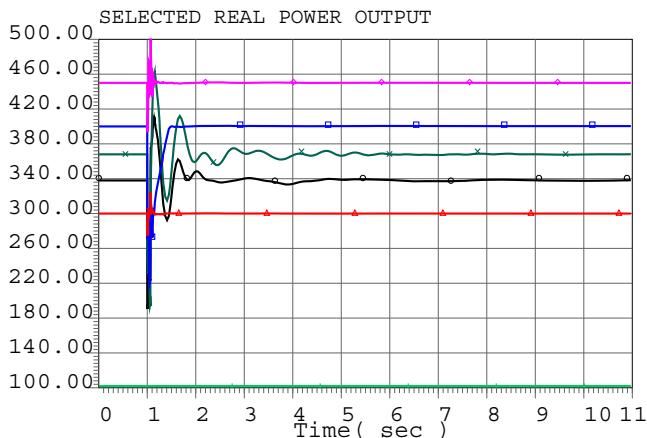
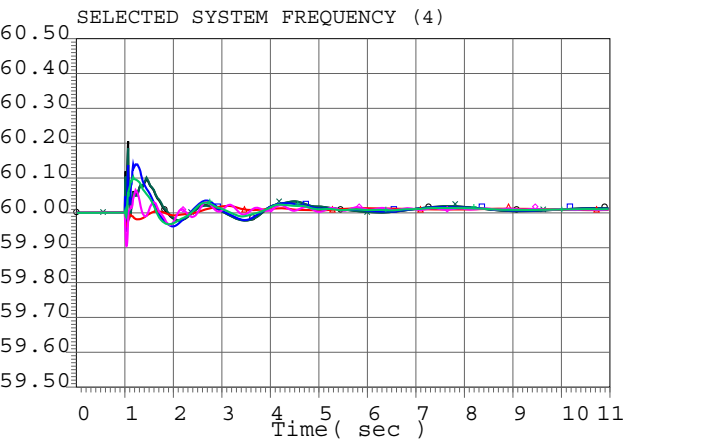
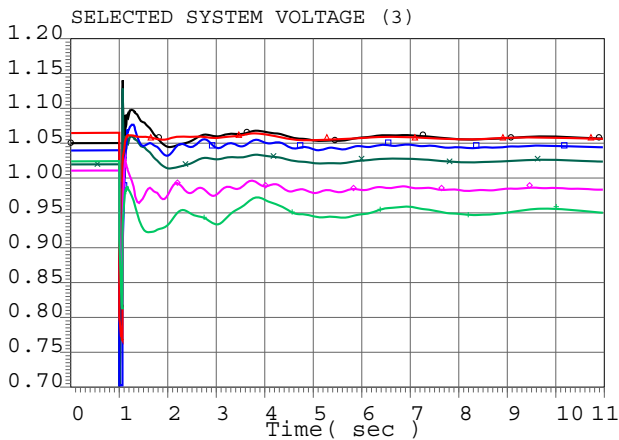
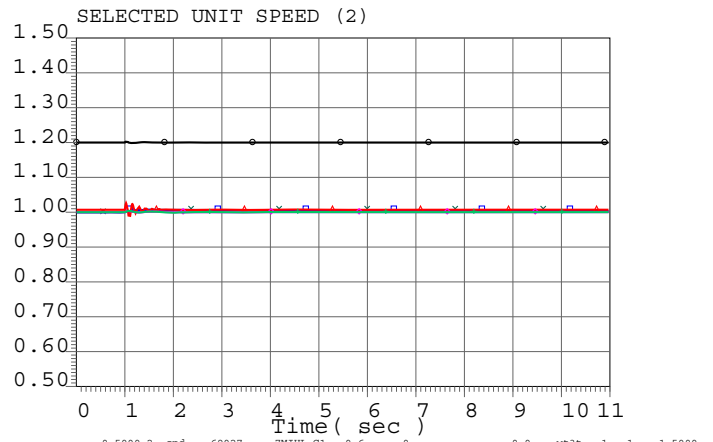
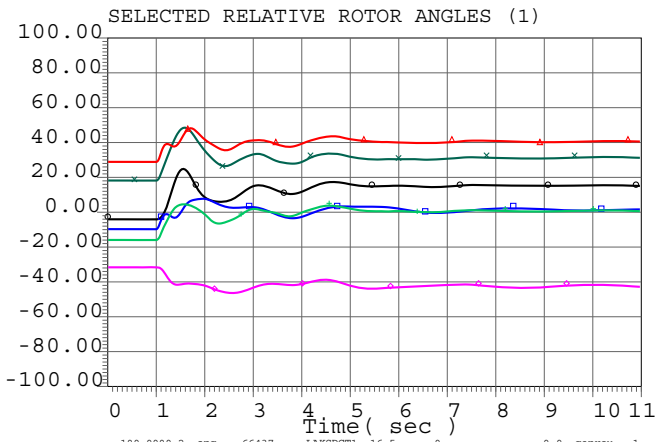
## **TransCanyon Cross-Tie Transmission Project**

### **Cross-Tie Phase I Progress Report Supplemental Simultaneous Analysis**

#### **Path 78 Simultaneous Analysis Stability Plots**



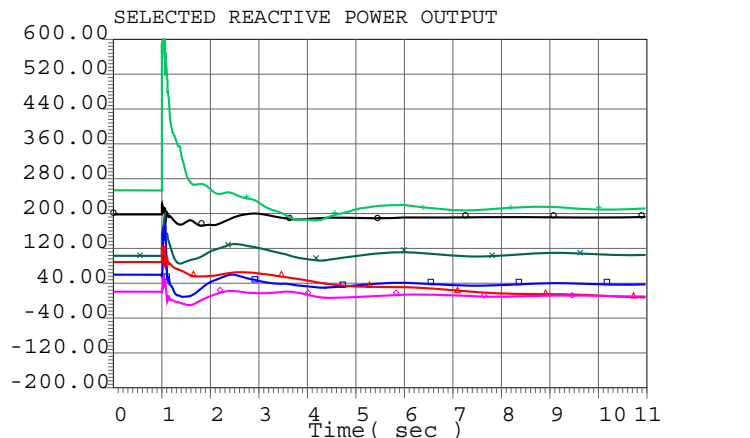
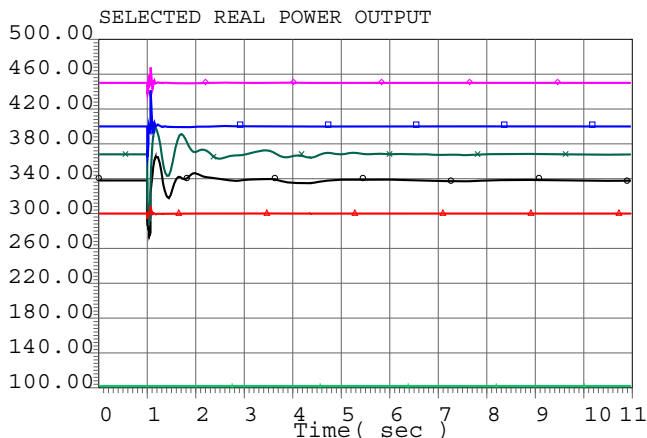
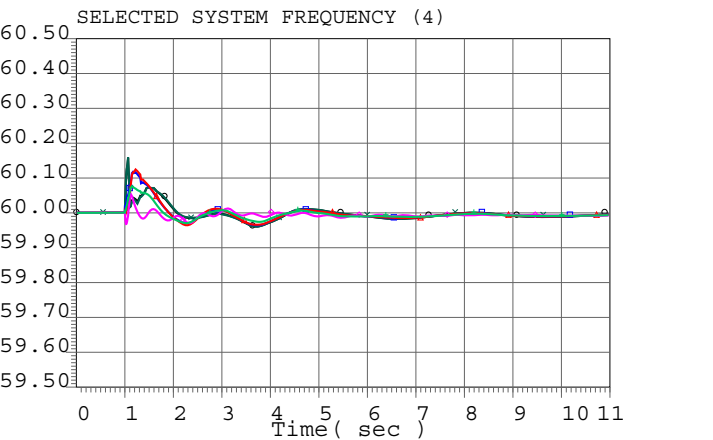
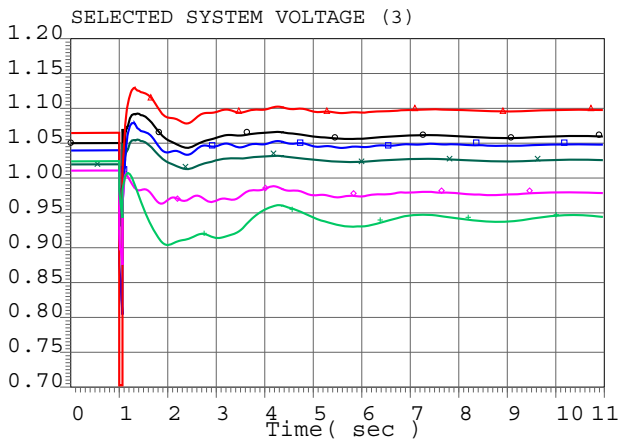
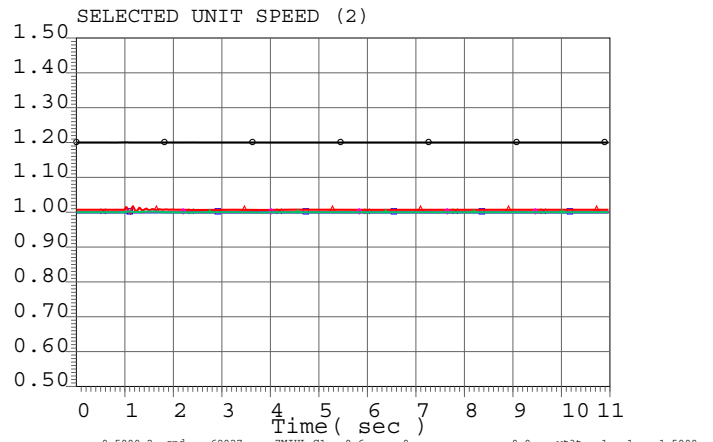
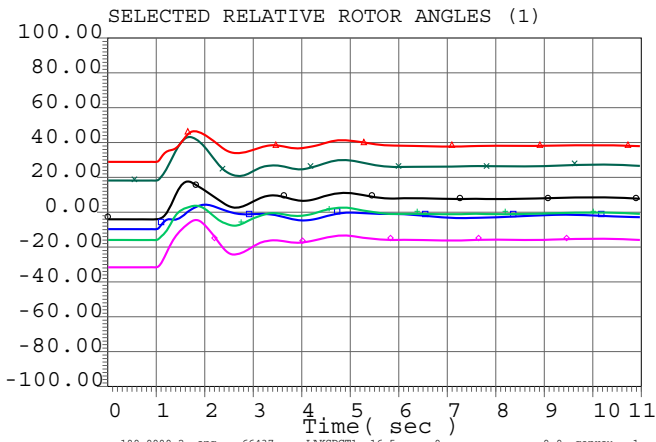
# Cross-Tie Phase I Assessment - Transient Stability Plots



TransCanyon Cross-Tie Transmission Project  
 2026 Summer Peak conditions (26hs1 Base Case)  
 Scenario 1 - Models Gateway West to Populus; Gateway South; and Cross-Tie  
 Clover 500 kV 3PH Flt - Trip Cross-Tie 500 kV Line (Flash Capacitors)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26hs1a\_CT\_S1\_P501\_P78.sav - CASE NUMBER 10



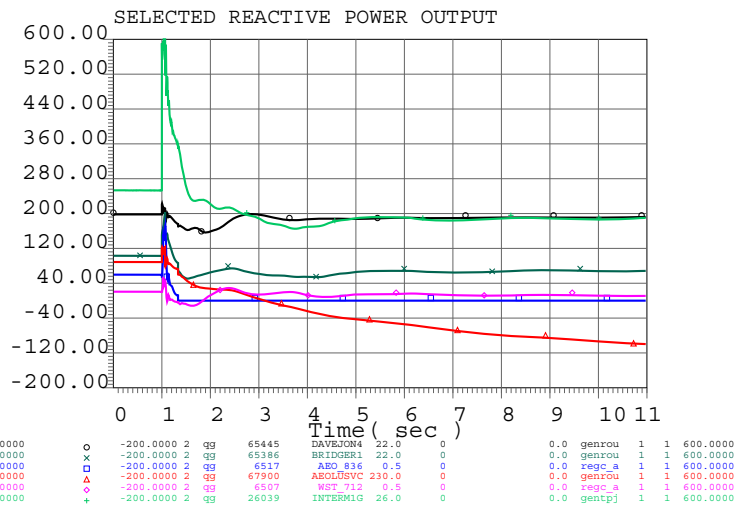
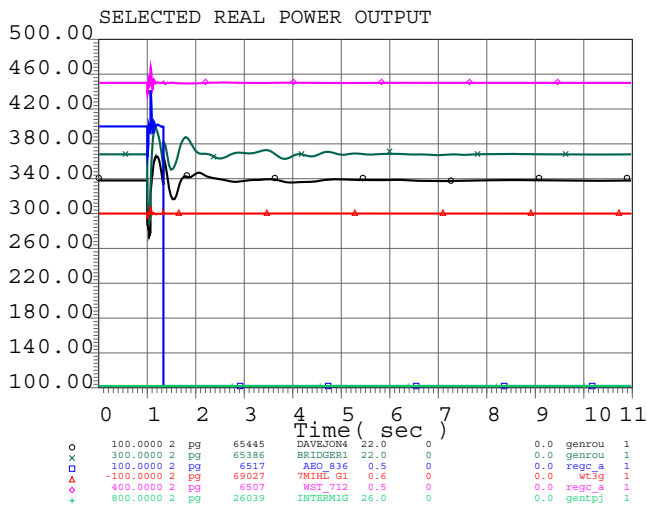
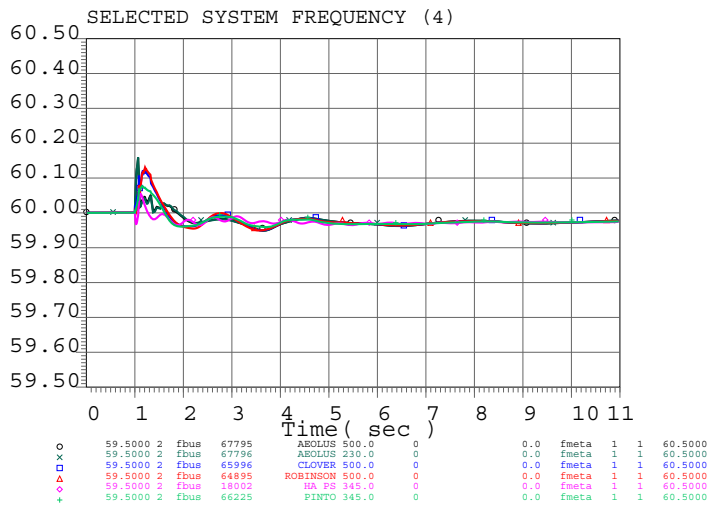
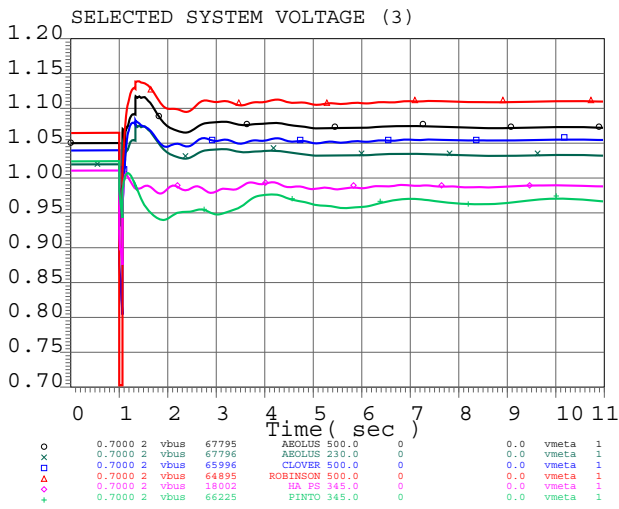
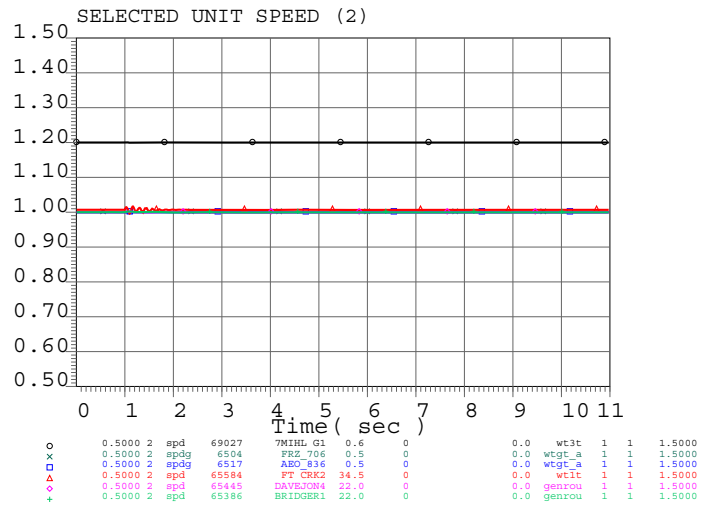
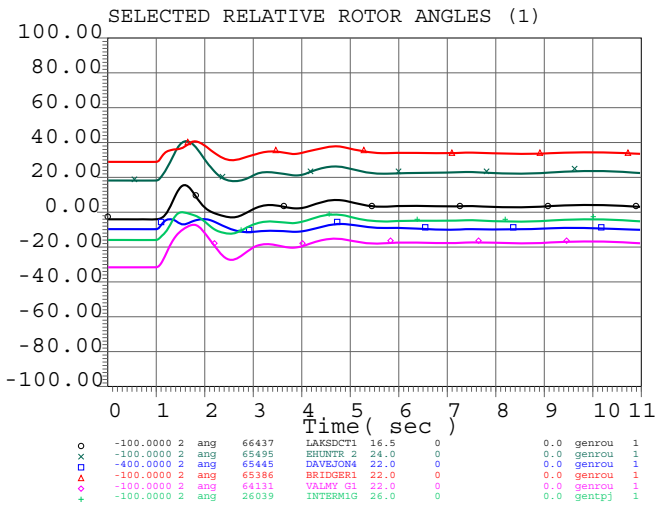
# Cross-Tie Phase I Assessment - Transient Stability Plots



TransCanyon Cross-Tie Transmission Project  
 2026 Summer Peak conditions (26hs1 Base Case)  
 Scenario 1 - Models Gateway West to Populus; Gateway South; and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26hs1a\_CT\_S1\_P501\_P78.sav - CASE NUMBER 70



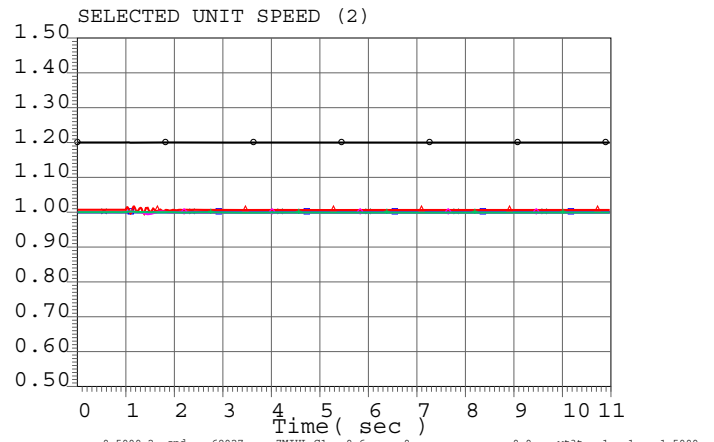
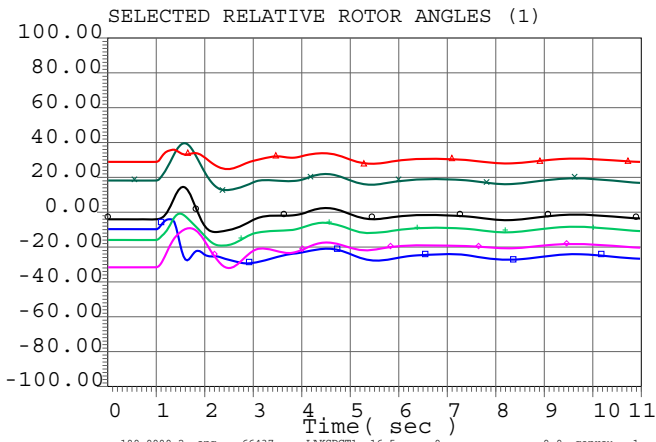
# Cross-Tie Phase I Assessment - Transient Stability Plots



TransCanyon Cross-Tie Transmission Project  
 2026 Summer Peak conditions (26hs1 Base Case)  
 Scenario 1 - Models Gateway West to Populus; Gateway South; and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line (650 MW Gen Trip)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26hs1a\_CT\_S1\_P501\_P78.sav - CASE NUMBER 70.099

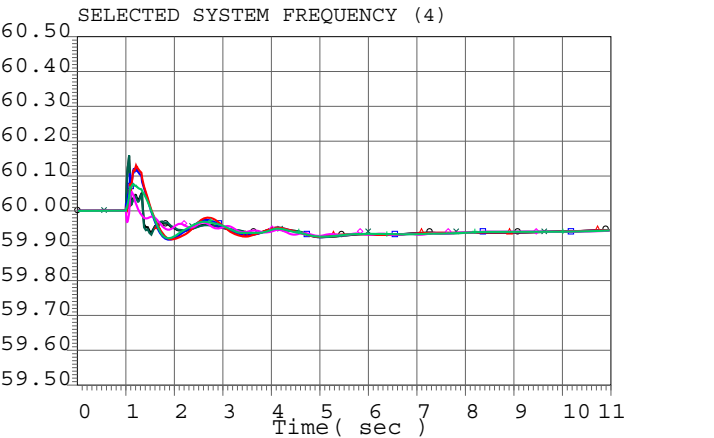
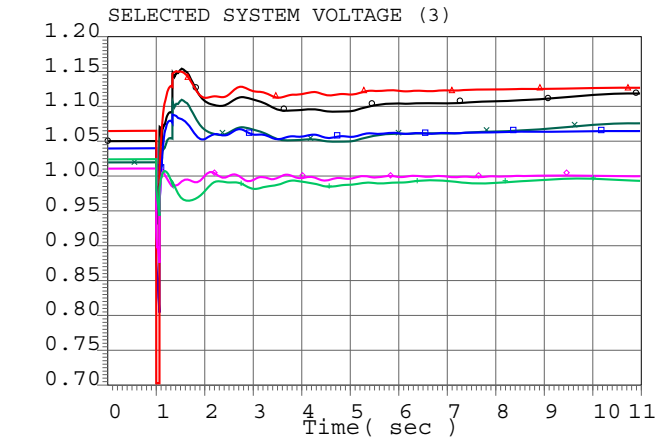


# Cross-Tie Phase I Assessment - Transient Stability Plots



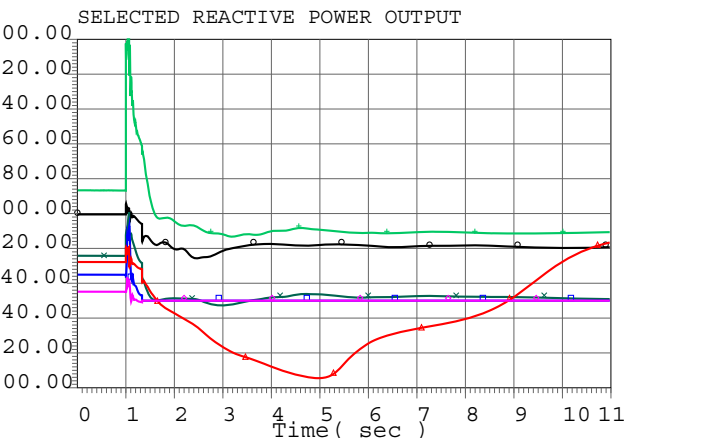
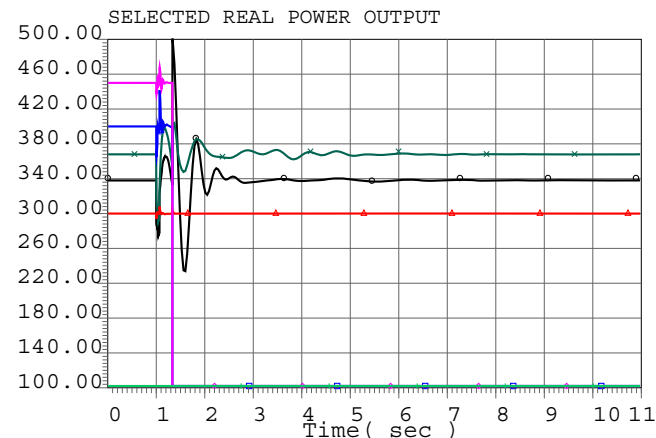
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x	-100.0000	2	ang	65495	BHUNTR	2	24.0	0	0.0	genrou	1	1	100.0000
□	-100.0000	2	ang	65445	DAVEJON4	22.0	0	0.0	genrou	1	1	-200.0000	
△	-100.0000	2	ang	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	100.0000	
◇	-100.0000	2	ang	64131	VALMY G1	22.0	0	0.0	genrou	1	1	100.0000	
+	-100.0000	2	ang	26039	INTERMIG	26.0	0	0.0	gentpj	1	1	100.0000	

o	0.5000	2	spd	69027	TMHLL G1	0.6	0	0.0	wt3t	1	1	1.5000
x	0.5000	2	spdg	6504	FRZ 706	0.5	0	0.0	wtgt_a	1	1	1.5000
□	0.5000	2	spdg	6517	ABO 836	0.5	0	0.0	wtgt_a	1	1	1.5000
△	0.5000	2	spdg	65386	FT CRK2	34.5	0	0.0	wt3t	1	1	1.5000
◇	0.5000	2	spdg	65445	DAVEJON4	22.0	0	0.0	genrou	1	1	1.5000
+	0.5000	2	spdg	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	1.5000



o	0.7000	2	vbus	67795	ABOLUS	500.0	0	0.0	vmeta	1	1	1.2000
x	0.7000	2	vbus	67796	ABOLUS	230.0	0	0.0	vmeta	1	1	1.2000
□	0.7000	2	vbus	65386	CLOVER	500.0	0	0.0	vmeta	1	1	1.2000
△	0.7000	2	vbus	64895	ROBINSON	500.0	0	0.0	vmeta	1	1	1.2000
◇	0.7000	2	vbus	38002	HA FS	345.0	0	0.0	vmeta	1	1	1.2000
+	0.7000	2	vbus	66225	PIVRO	345.0	0	0.0	vmeta	1	1	1.2000

o	59.5000	2	fbus	67795	ABOLUS	500.0	0	0.0	fmeta	1	1	60.5000
x	59.5000	2	fbus	67796	ABOLUS	230.0	0	0.0	fmeta	1	1	60.5000
□	59.5000	2	fbus	65386	CLOVER	500.0	0	0.0	fmeta	1	1	60.5000
△	59.5000	2	fbus	64895	ROBINSON	500.0	0	0.0	fmeta	1	1	60.5000
◇	59.5000	2	fbus	38002	HA FS	345.0	0	0.0	fmeta	1	1	60.5000
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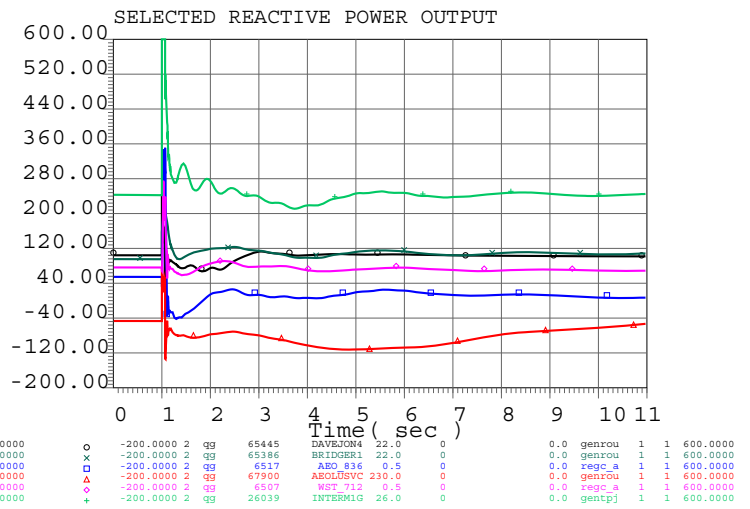
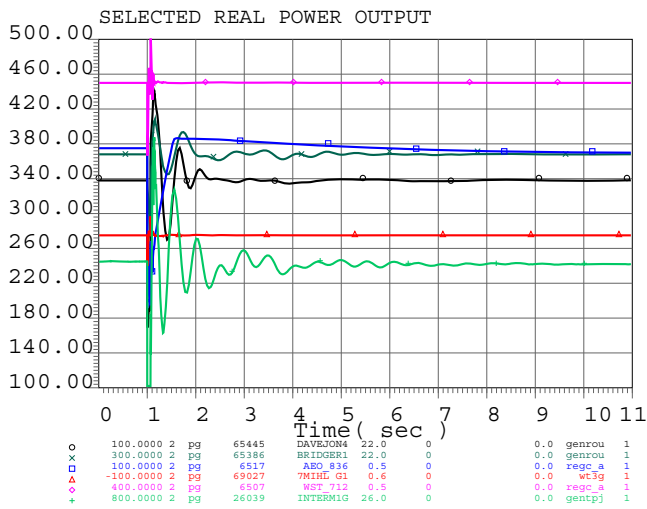
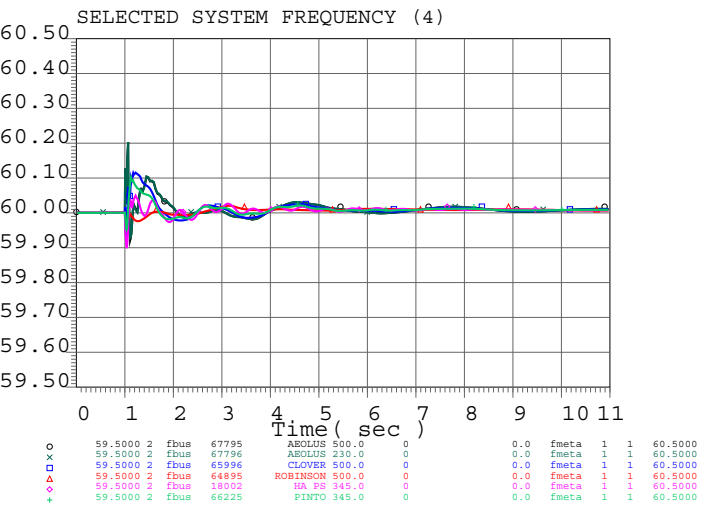
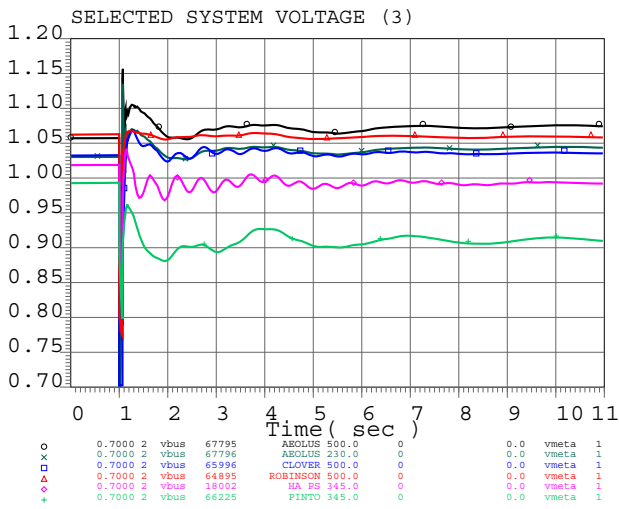
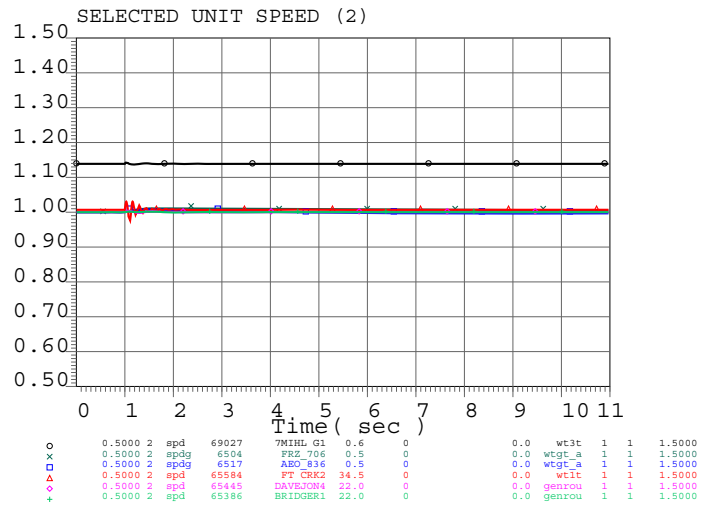
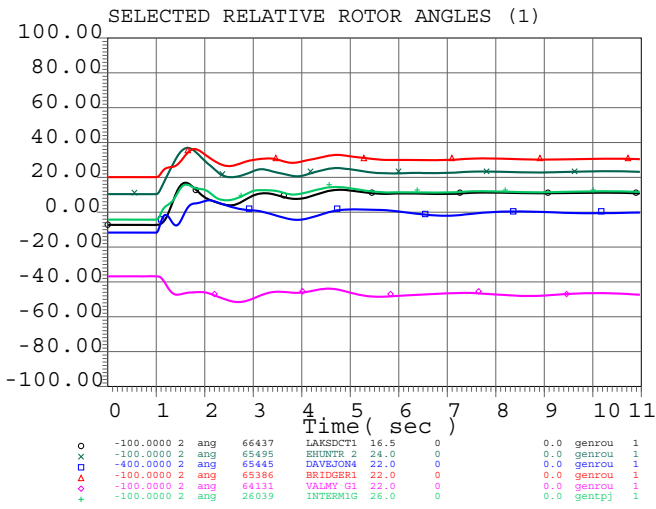
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□	100.0000	2	pg	6517	ABO 836	0.5	0	0.0	regc_a	1	1	500.0000
△	-100.0000	2	pg	69027	TMHLL G1	0.6	0	0.0	wt3g	1	1	300.0000
◇	400.0000	2	pg	6507	WT 712	0.5	0	0.0	regc_a	1	1	800.0000
+	800.0000	2	pg	26039	INTERMIG	26.0	0	0.0	gentpj	1	1	1200.0000

o	-200.0000	2	qg	65445	DAVEJON4	22.0	0	0.0	genrou	1	1	600.0000
x	-200.0000	2	qg	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	600.0000
□	-200.0000	2	qg	6517	ABO 836	0.5	0	0.0	regc_a	1	1	600.0000
△	-200.0000	2	qg	67900	ABOLUSVC	230.0	0	0.0	genrou	1	1	600.0000
◇	-200.0000	2	qg	6507	WT 712	0.5	0	0.0	regc_a	1	1	600.0000
+	-200.0000	2	qg	26039	INTERMIG	26.0	0	0.0	gentpj	1	1	600.0000

TransCanyon Cross-Tie Transmission Project  
 2026 Summer Peak conditions (26hs1 Base Case)  
 Scenario 1 - Models Gateway West to Populus; Gateway South; and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line (1550 MW Gen Trip)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26hs1a\_CT\_S1\_P501\_P78.sav - CASE NUMBER 70.199



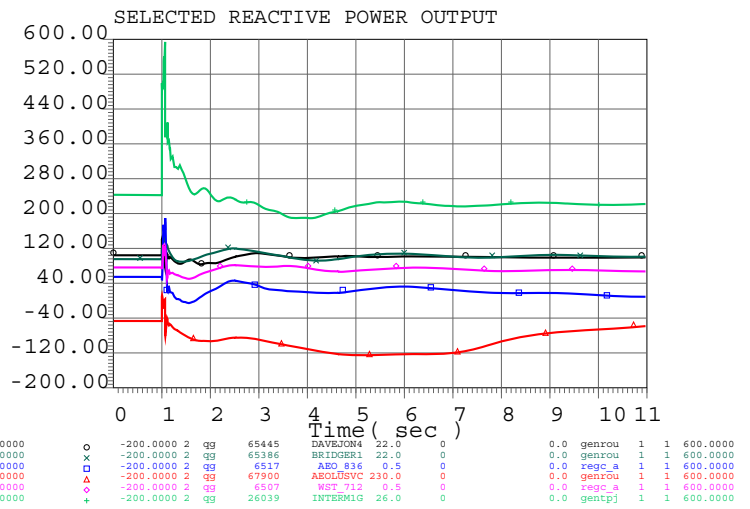
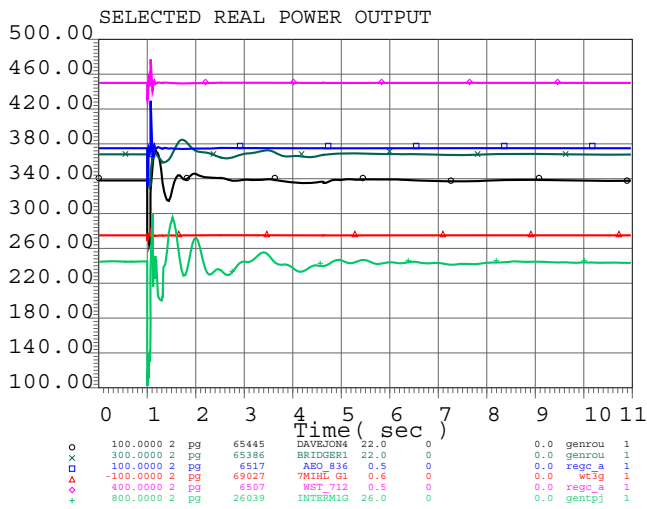
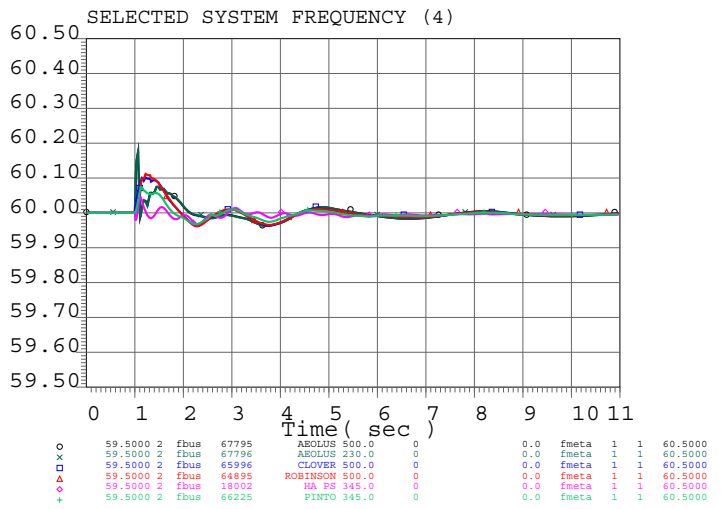
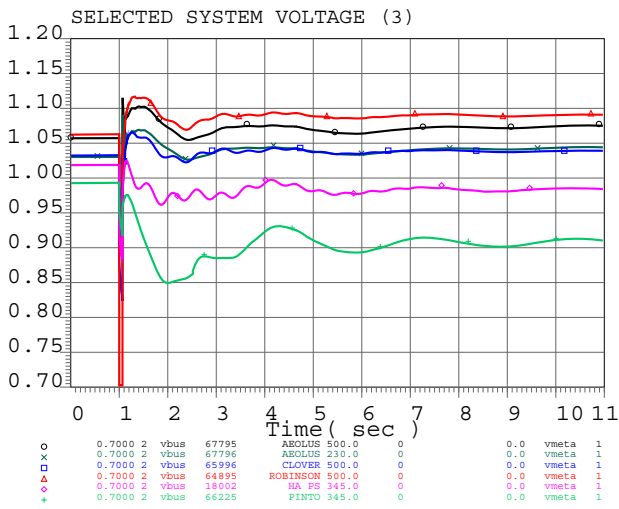
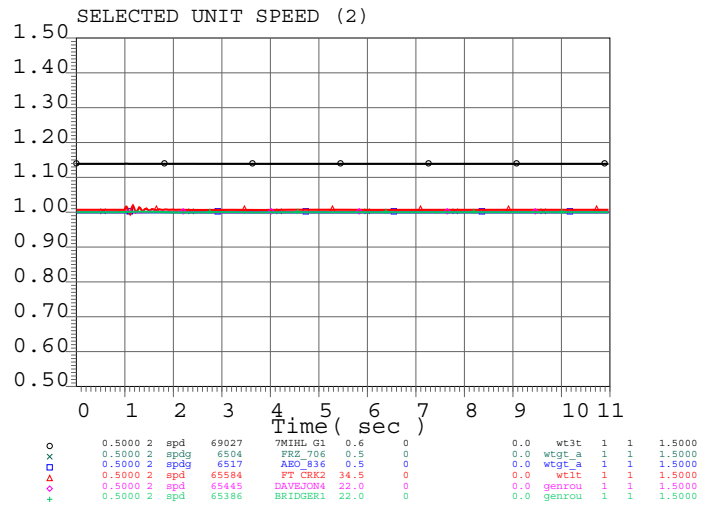
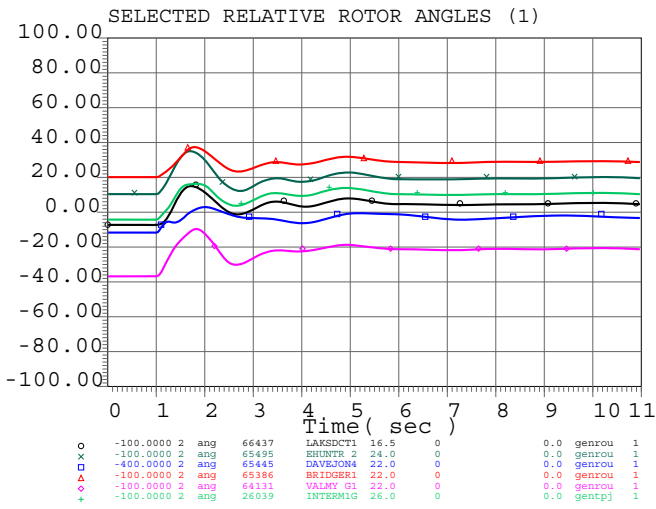
# Cross-Tie Phase I Assessment - Transient Stability Plots



TransCanyon Cross-Tie Transmission Project  
 2026 Summer Peak conditions (26hs1 Base Case)  
 Scenario 2 - Models Gateway South and Cross-Tie  
 Clover 500 kV 3PH Flt - Trip Cross-Tie 500 kV Line (Flash Capacitors)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26hs1a\_CT\_S2\_P501\_P78.sav - CASE NUMBER 10



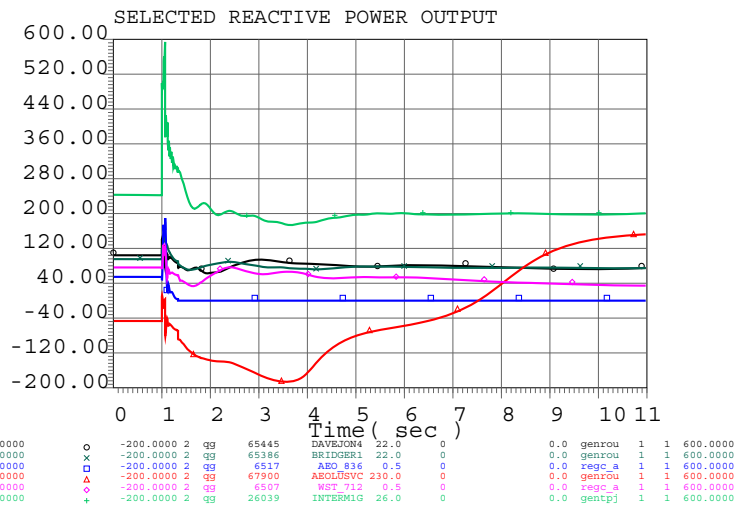
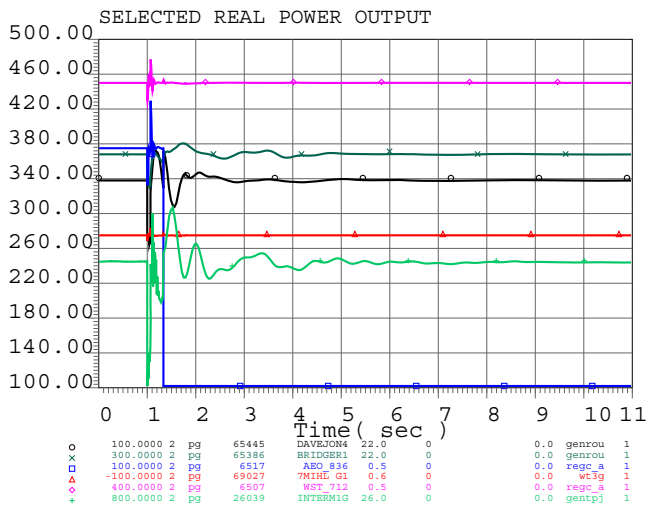
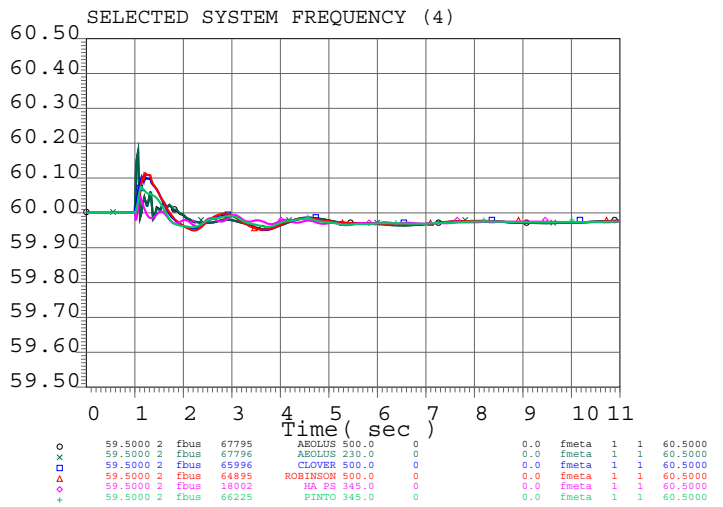
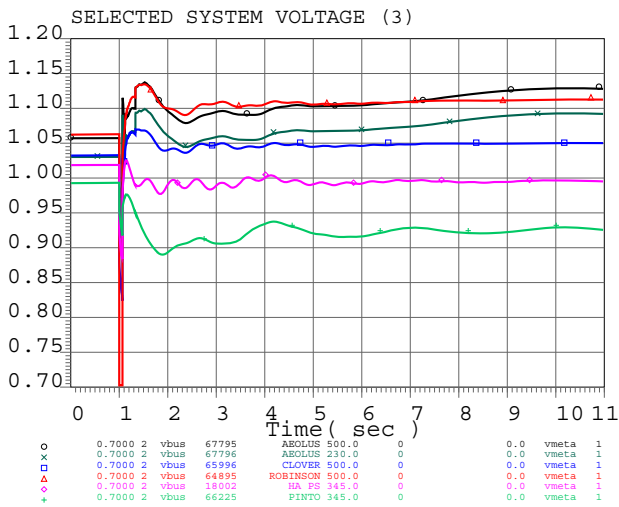
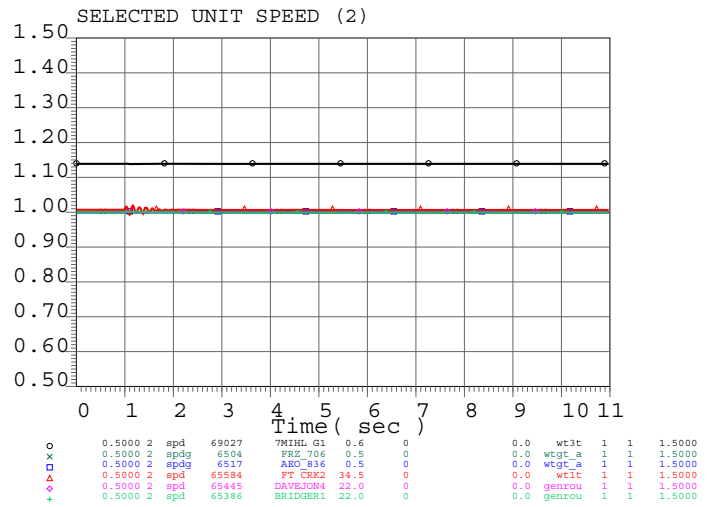
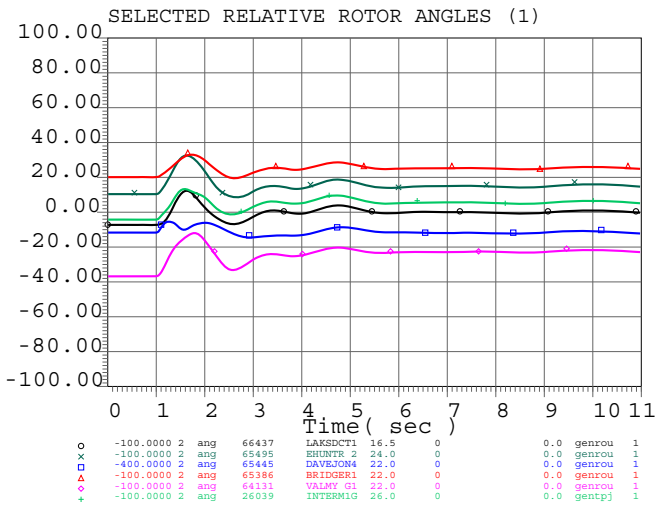
# Cross-Tie Phase I Assessment - Transient Stability Plots



TransCanyon Cross-Tie Transmission Project  
 2026 Summer Peak conditions (26hs1 Base Case)  
 Scenario 2 - Models Gateway South and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26hs1a\_CT\_S2\_P501\_P78.sav - CASE NUMBER 70



# Cross-Tie Phase I Assessment - Transient Stability Plots

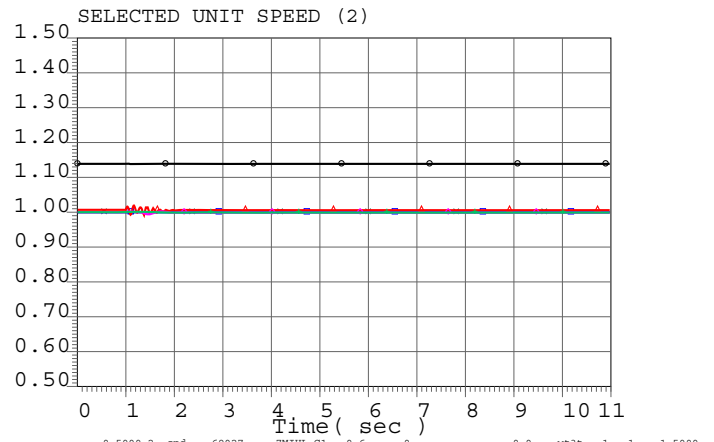
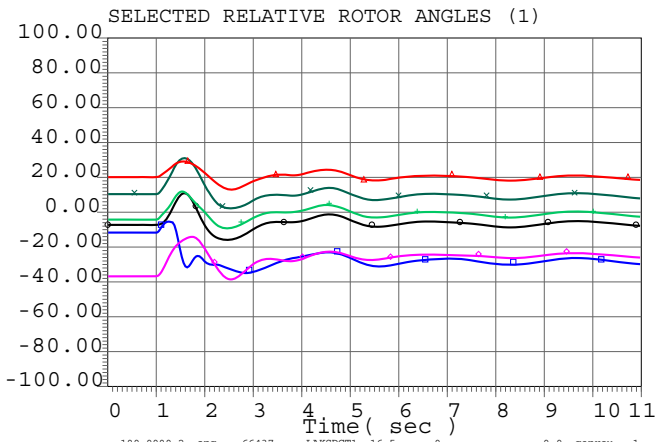


TransCanyon Cross-Tie Transmission Project  
 2026 Summer Peak conditions (26hs1 Base Case)  
 Scenario 2 - Models Gateway South and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line (650 MW Gen Trip)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26hs1a\_CT\_S2\_P501\_P78.sav - CASE NUMBER 70.099



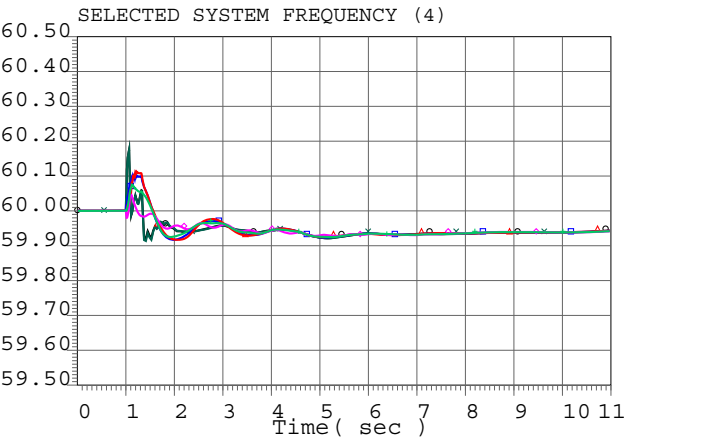
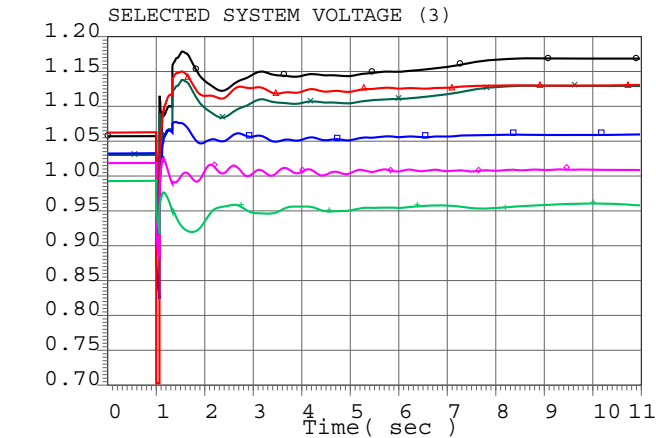


# Cross-Tie Phase I Assessment - Transient Stability Plots



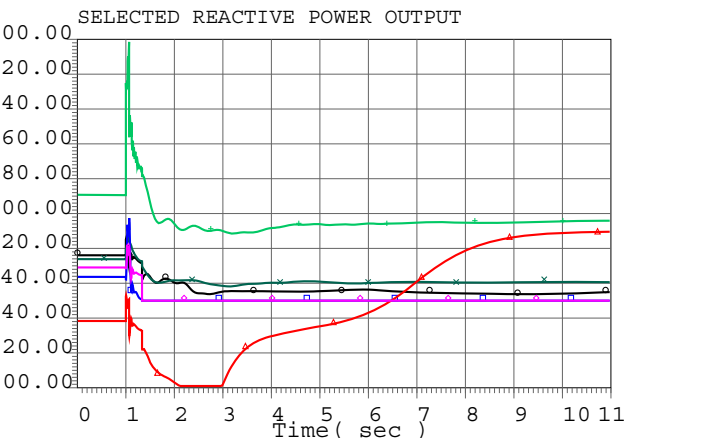
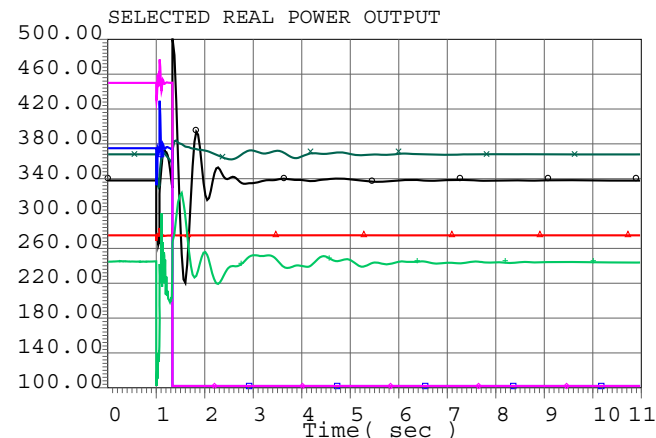
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x	-100.0000	2	ang	65495	BHUNTR	2	24.0	0	0.0	genrou	1	1	100.0000
□	-100.0000	2	ang	65445	DAVEJON4	22.0	0	0.0	genrou	1	1	-200.0000	
△	-100.0000	2	ang	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	100.0000	
◇	-100.0000	2	ang	64131	VALMY G1	22.0	0	0.0	genrou	1	1	100.0000	
+	-100.0000	2	ang	26039	INTERMIG	26.0	0	0.0	gentpj	1	1	100.0000	

o	0.5000	2	spd	69027	TMHL G1	0.6	0	0.0	wt3t	1	1	1.5000
x	0.5000	2	spd	6504	FRZ 706	0.5	0	0.0	wtg_a	1	1	1.5000
□	0.5000	2	spd	6517	ABO 836	0.5	0	0.0	wtg_a	1	1	1.5000
△	0.5000	2	spd	65384	FT CRK2	34.5	0	0.0	wt3t	1	1	1.5000
◇	0.5000	2	spd	65445	DAVEJON4	22.0	0	0.0	genrou	1	1	1.5000
+	0.5000	2	spd	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	1.5000



o	0.7000	2	vbus	67795	ABOLUS	500.0	0	0.0	vmeta	1	1	1.2000
x	0.7000	2	vbus	67796	ABOLUS	230.0	0	0.0	vmeta	1	1	1.2000
□	0.7000	2	vbus	65386	CLOVER	500.0	0	0.0	vmeta	1	1	1.2000
△	0.7000	2	vbus	64895	ROBINSON	500.0	0	0.0	vmeta	1	1	1.2000
◇	0.7000	2	vbus	18002	HA FS	345.0	0	0.0	vmeta	1	1	1.2000
+	0.7000	2	vbus	66225	PITRO	345.0	0	0.0	vmeta	1	1	1.2000

o	59.5000	2	fbus	67795	ABOLUS	500.0	0	0.0	fmeta	1	1	60.5000
x	59.5000	2	fbus	67796	ABOLUS	230.0	0	0.0	fmeta	1	1	60.5000
□	59.5000	2	fbus	65386	CLOVER	500.0	0	0.0	fmeta	1	1	60.5000
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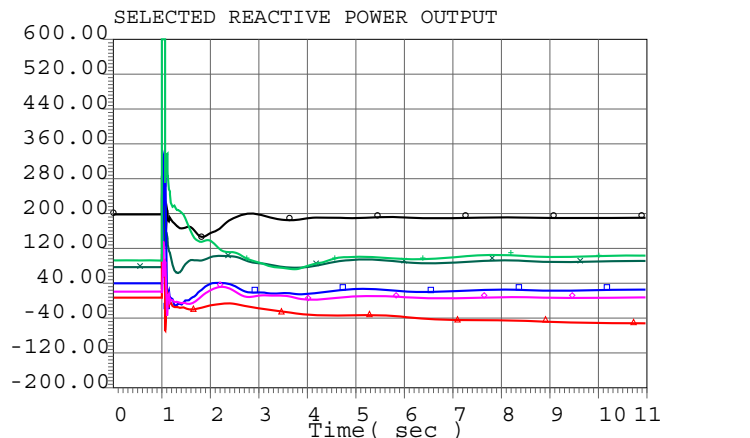
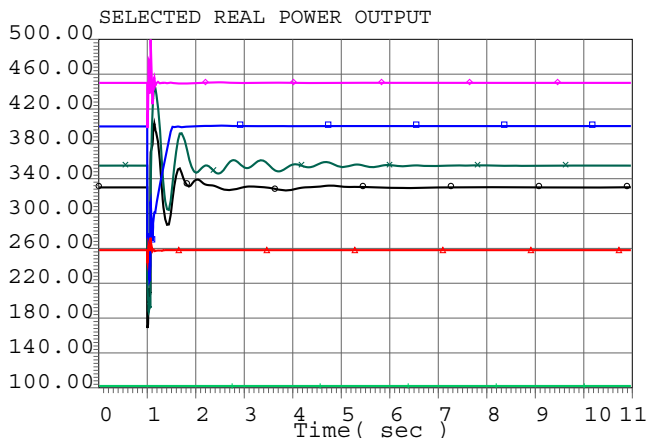
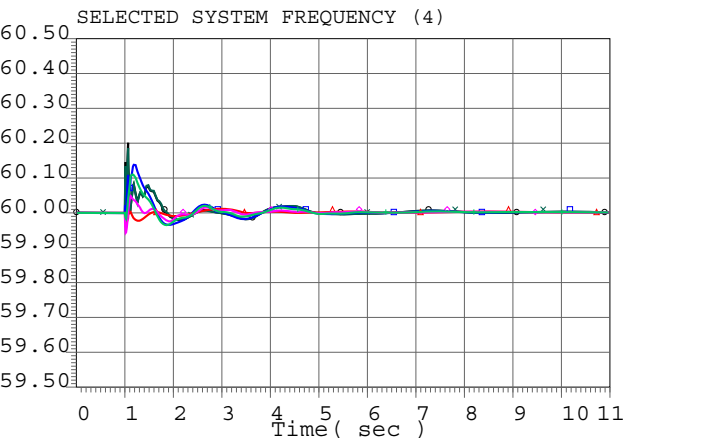
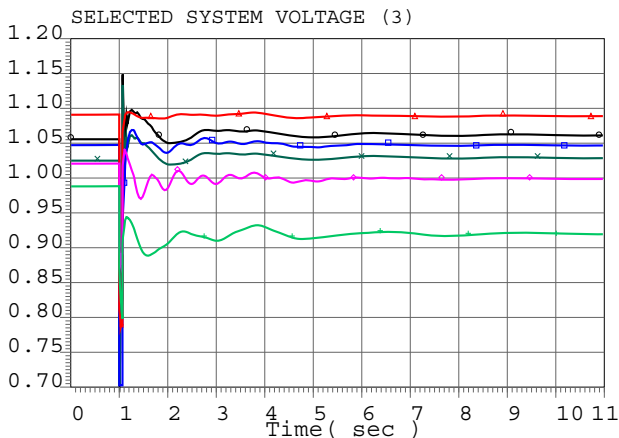
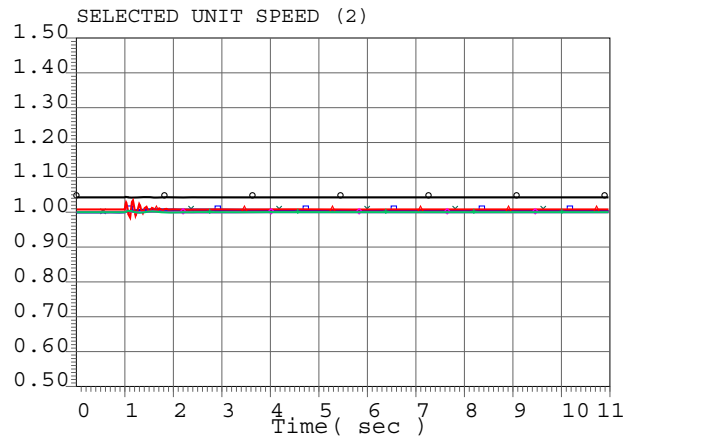
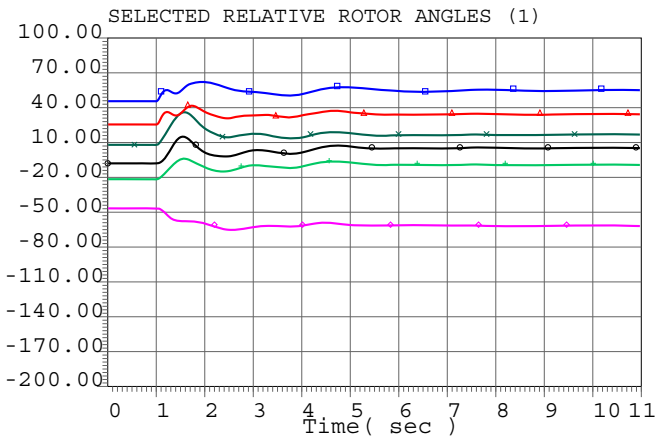
o	100.0000	2	pg	65445	DAVEJON4	22.0	0	0.0	genrou	1	1	500.0000
x	300.0000	2	pg	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	600.0000
□	100.0000	2	pg	6517	ABO 836	0.5	0	0.0	regc_a	1	1	500.0000
△	-100.0000	2	pg	69027	TMHL G1	0.6	0	0.0	wt3g	1	1	300.0000
◇	400.0000	2	pg	6507	WT 712	0.5	0	0.0	regc_a	1	1	800.0000
+	800.0000	2	pg	26039	INTERMIG	26.0	0	0.0	gentpj	1	1	1200.0000

o	-200.0000	2	qg	65445	DAVEJON4	22.0	0	0.0	genrou	1	1	600.0000
x	-200.0000	2	qg	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	600.0000
□	-200.0000	2	qg	6517	ABO 836	0.5	0	0.0	regc_a	1	1	600.0000
△	-200.0000	2	qg	67900	ABOLUSVC	230.0	0	0.0	genrou	1	1	600.0000
◇	-200.0000	2	qg	6507	WT 712	0.5	0	0.0	regc_a	1	1	600.0000
+	-200.0000	2	qg	26039	INTERMIG	26.0	0	0.0	gentpj	1	1	600.0000

TransCanyon Cross-Tie Transmission Project  
 2026 Summer Peak conditions (26hs1 Base Case)  
 Scenario 2 - Models Gateway South and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line (1550 MW Gen Trip)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26hs1a\_CT\_S2\_P501\_P78.sav - CASE NUMBER 70.199



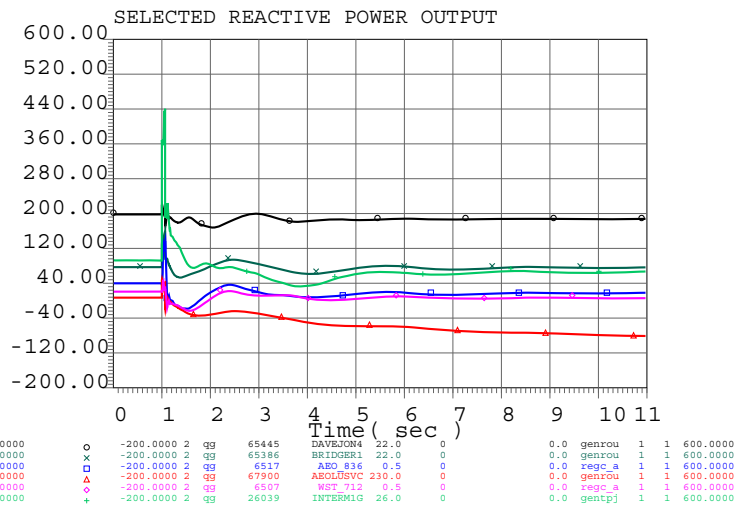
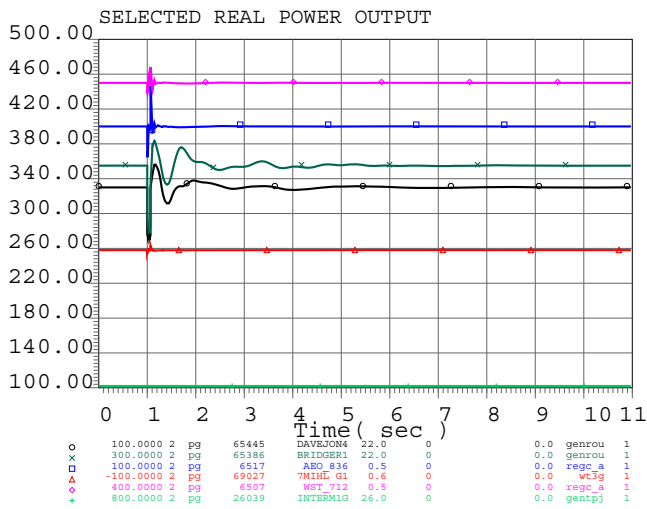
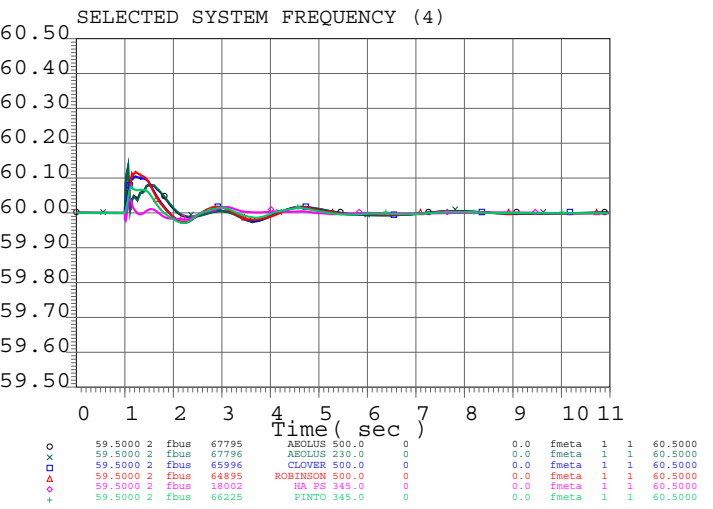
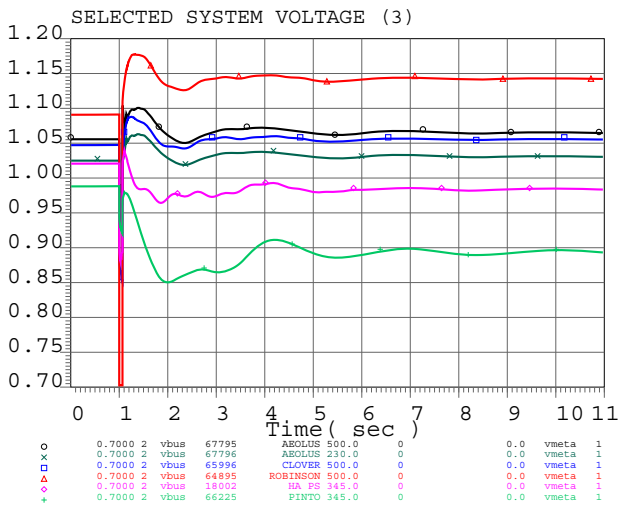
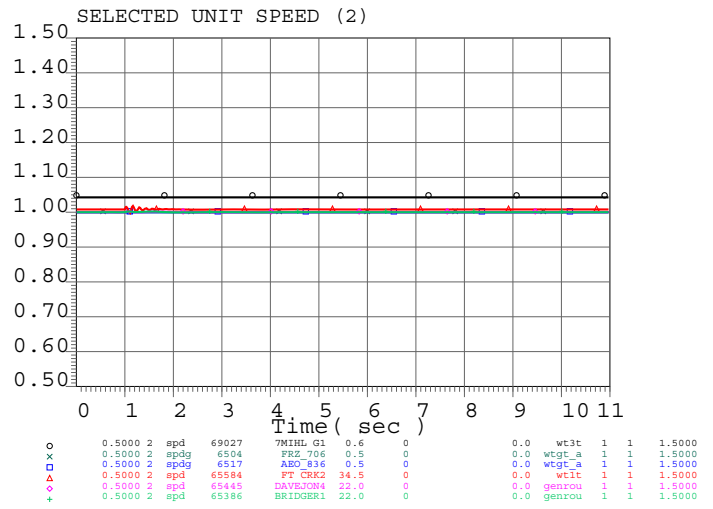
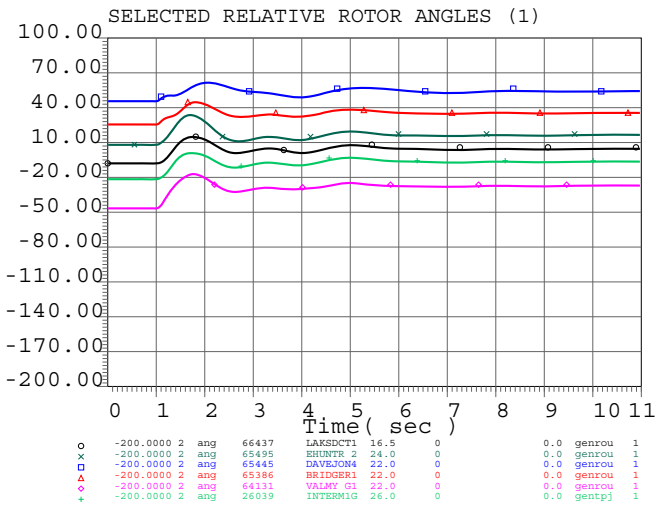
# Cross-Tie Phase I Assessment - Transient Stability Plots



TransCanyon Cross-Tie Transmission Project  
 2026 Heavy Winter conditions (26hw1 Base Case)  
 Scenario 1 - Models Gateway West to Populus; Gateway South; and Cross-Tie  
 Clover 500 kV 3PH Flt - Trip Cross-Tie 500 kV Line (Flash Capacitors)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26hw1a\_CT\_S1\_P501\_P78.sav - CASE NUMBER 10



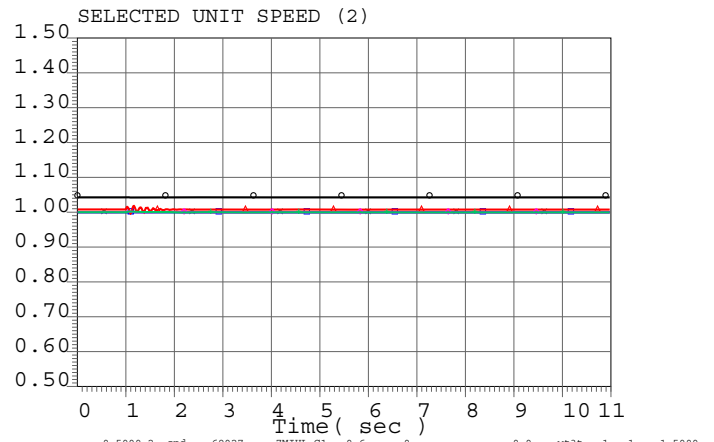
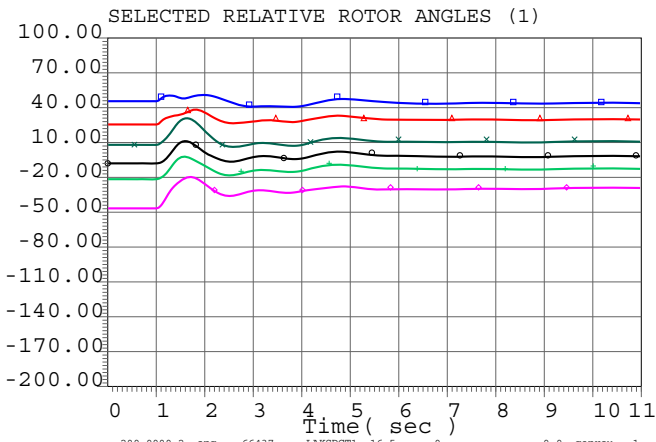
Cross-Tie Phase I Assessment - Transient Stability Plots



TransCanyon Cross-Tie Transmission Project  
 2026 Heavy Winter conditions (26hw1 Base Case)  
 Scenario 1 - Models Gateway West to Populus; Gateway South; and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26hw1a\_CT\_S1\_P501\_P78.sav - CASE NUMBER 70

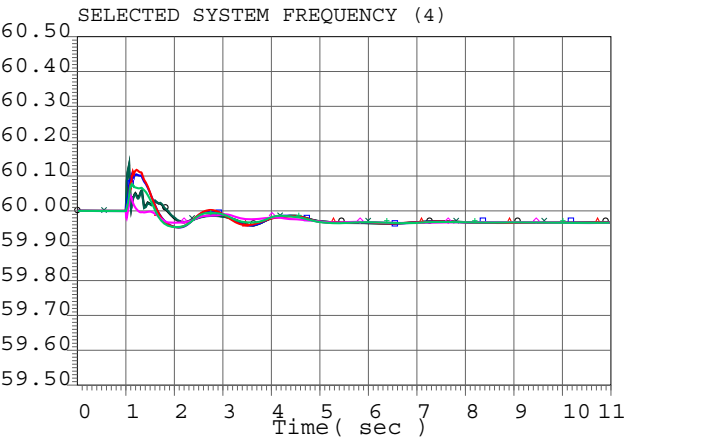
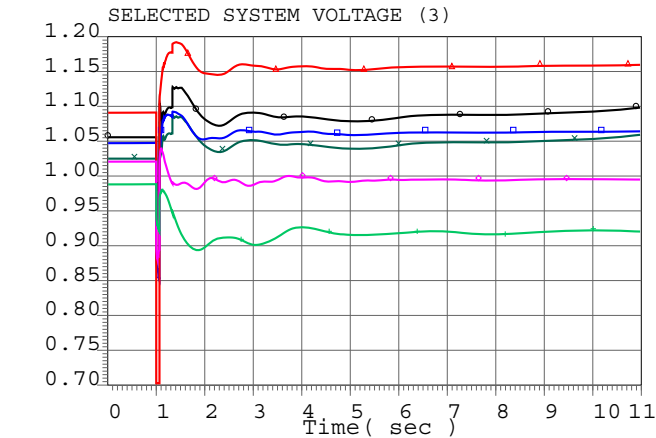


Cross-Tie Phase I Assessment - Transient Stability Plots



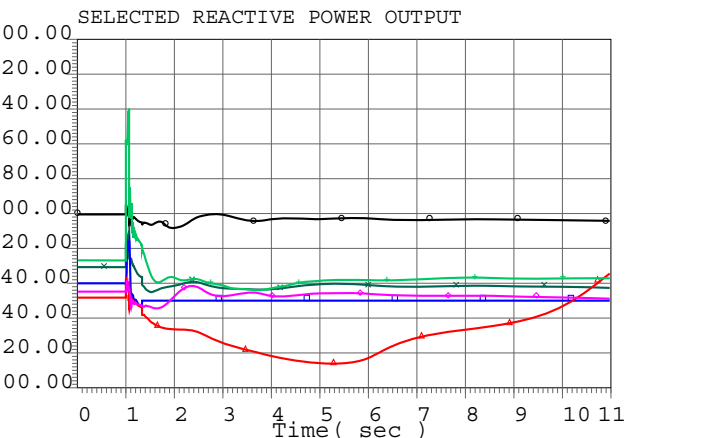
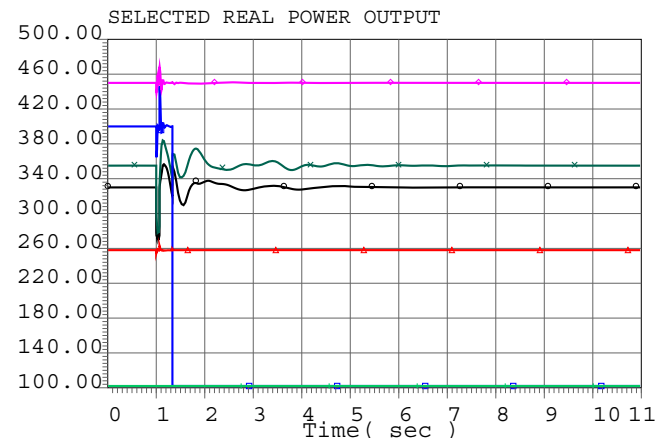
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x	-200.0000	2	ang	65495	BHUNTR	2	24.0	0	0.0	genrou	1	1	100.0000
□	-200.0000	2	ang	65445	DAVEJON4	22.0	0	0.0	genrou	1	1	100.0000	
△	-200.0000	2	ang	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	100.0000	
◇	-200.0000	2	ang	64131	VALMY G1	22.0	0	0.0	genrou	1	1	100.0000	
+	-200.0000	2	ang	26039	INTERMIG	26.0	0	0.0	gentpj	1	1	100.0000	

o	0.5000	2	spd	69027	TMHHL G1	0.6	0	0.0	wt3t	1	1	1.5000
x	0.5000	2	spd	6504	FRZ 706	0.5	0	0.0	wtgt_a	1	1	1.5000
□	0.5000	2	spd	6517	ABO 836	0.5	0	0.0	wtgt_a	1	1	1.5000
△	0.5000	2	spd	65386	FT CRK2	34.5	0	0.0	wt3t	1	1	1.5000
◇	0.5000	2	spd	65445	DAVEJON4	22.0	0	0.0	genrou	1	1	1.5000
+	0.5000	2	spd	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	1.5000



o	0.7000	2	vbus	67795	ABOLUS	500.0	0	0.0	vmeta	1	1	1.2000
x	0.7000	2	vbus	67796	ABOLUS	230.0	0	0.0	vmeta	1	1	1.2000
□	0.7000	2	vbus	65386	CLOVER	500.0	0	0.0	vmeta	1	1	1.2000
△	0.7000	2	vbus	64895	ROBINSON	500.0	0	0.0	vmeta	1	1	1.2000
◇	0.7000	2	vbus	18002	HA FS	345.0	0	0.0	vmeta	1	1	1.2000
+	0.7000	2	vbus	66225	PIVRO	345.0	0	0.0	vmeta	1	1	1.2000

o	59.5000	2	fbus	67795	ABOLUS	500.0	0	0.0	fmeta	1	1	60.5000
x	59.5000	2	fbus	67796	ABOLUS	230.0	0	0.0	fmeta	1	1	60.5000
□	59.5000	2	fbus	65386	CLOVER	500.0	0	0.0	fmeta	1	1	60.5000
△	59.5000	2	fbus	64895	ROBINSON	500.0	0	0.0	fmeta	1	1	60.5000
◇	59.5000	2	fbus	18002	HA FS	345.0	0	0.0	fmeta	1	1	60.5000
+	59.5000	2	fbus	66225	PIVRO	345.0	0	0.0	fmeta	1	1	60.5000



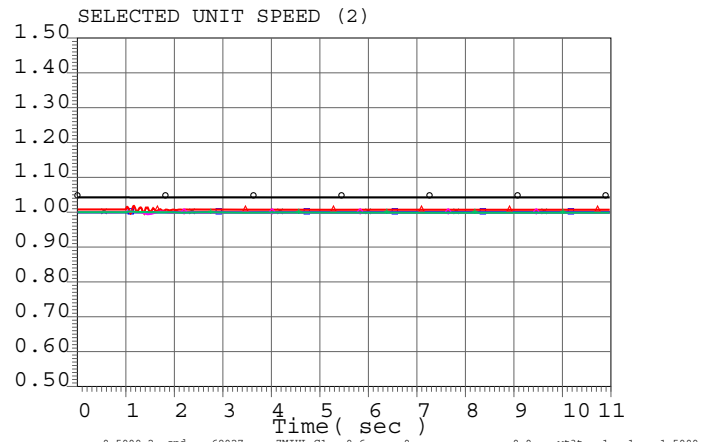
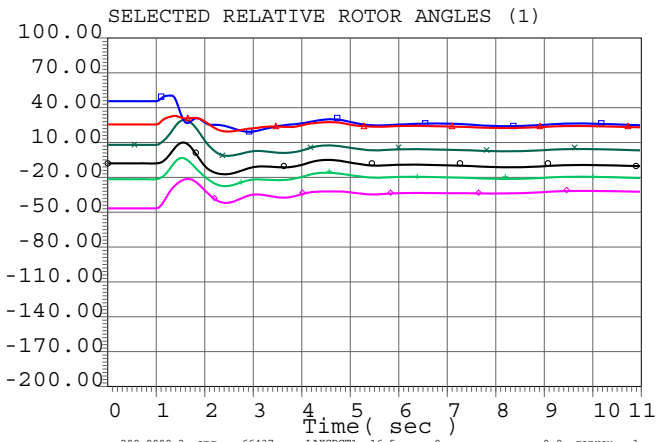
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x	300.0000	2	pg	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	600.0000
□	100.0000	2	pg	6517	ABO 836	0.5	0	0.0	regc_a	1	1	500.0000
△	-100.0000	2	pg	69027	TMHHL G1	0.6	0	0.0	wt3g	1	1	300.0000
◇	400.0000	2	pg	6507	WT 712	0.5	0	0.0	regc_a	1	1	800.0000
+	800.0000	2	pg	26039	INTERMIG	26.0	0	0.0	gentpj	1	1	1200.0000

o	-200.0000	2	qg	65445	DAVEJON4	22.0	0	0.0	genrou	1	1	600.0000
x	-200.0000	2	qg	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	600.0000
□	-200.0000	2	qg	6517	ABO 836	0.5	0	0.0	regc_a	1	1	600.0000
△	-200.0000	2	qg	67900	ABOLUSVC	230.0	0	0.0	genrou	1	1	600.0000
◇	-200.0000	2	qg	6507	WT 712	0.5	0	0.0	regc_a	1	1	800.0000
+	-200.0000	2	qg	26039	INTERMIG	26.0	0	0.0	gentpj	1	1	600.0000

TransCanyon Cross-Tie Transmission Project  
 2026 Heavy Winter conditions (26hw1 Base Case)  
 Scenario 1 - Models Gateway West to Populus; Gateway South; and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line (650 MW Gen Trip)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26hw1a\_CT\_S1\_P501\_P78.sav - CASE NUMBER 70.099

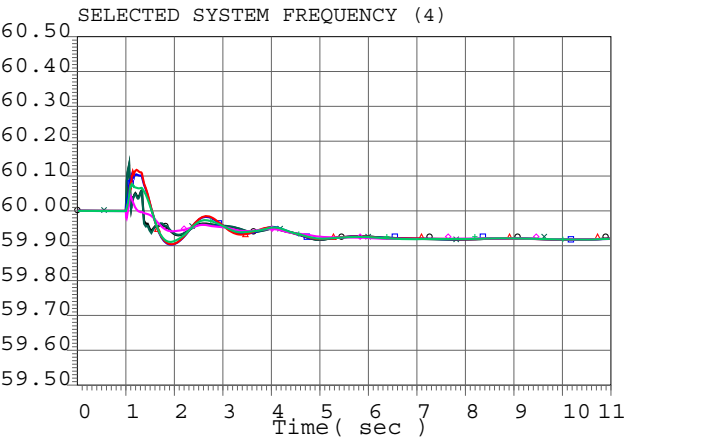
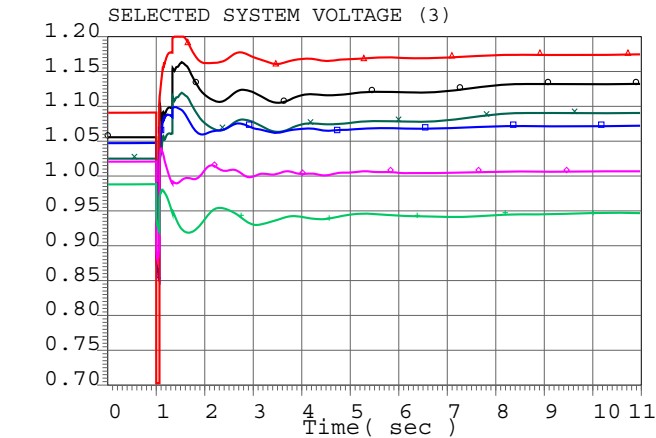


Cross-Tie Phase I Assessment - Transient Stability Plots



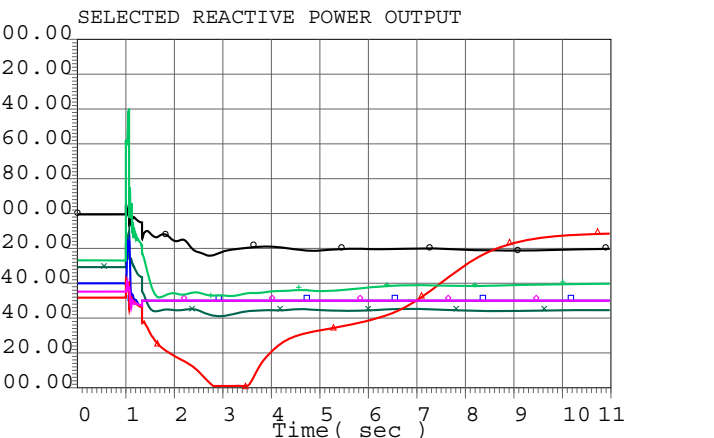
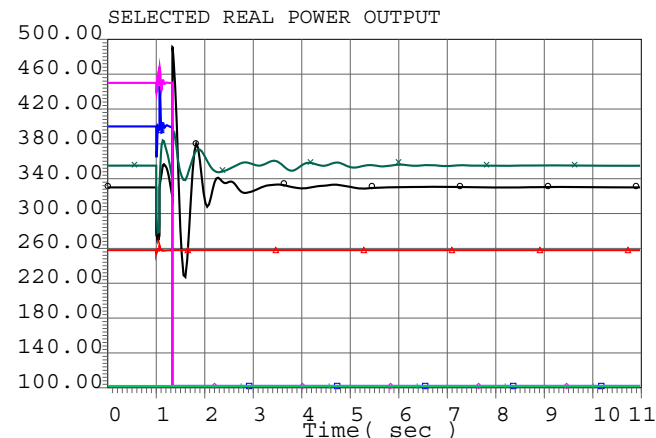
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□	-200.0000	2	ang	65445	DAVEJON4	22.0	0	0.0	genrou	1	1	100.0000	
△	-200.0000	2	ang	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	100.0000	
◇	-200.0000	2	ang	64131	VALMY G1	22.0	0	0.0	genrou	1	1	100.0000	
+	-200.0000	2	ang	26039	INTERMIG	26.0	0	0.0	gentpj	1	1	100.0000	

o	0.5000	2	spd	69027	TMHHL G1	0.6	0	0.0	wt3t	1	1	1.5000
x	0.5000	2	spd	6504	FRZ 706	0.5	0	0.0	wtgt_a	1	1	1.5000
□	0.5000	2	spd	6517	ABO 836	0.5	0	0.0	wtgt_a	1	1	1.5000
△	0.5000	2	spd	65386	FT CRG2	34.5	0	0.0	wt3t	1	1	1.5000
◇	0.5000	2	spd	65445	DAVEJON4	22.0	0	0.0	genrou	1	1	1.5000
+	0.5000	2	spd	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	1.5000



o	0.7000	2	vbus	67795	ABOLUS	500.0	0	0.0	vmeta	1	1	1.2000
x	0.7000	2	vbus	67796	ABOLUS	230.0	0	0.0	vmeta	1	1	1.2000
□	0.7000	2	vbus	65386	CLOVER	500.0	0	0.0	vmeta	1	1	1.2000
△	0.7000	2	vbus	64895	ROBINSON	500.0	0	0.0	vmeta	1	1	1.2000
◇	0.7000	2	vbus	18002	HA FS	345.0	0	0.0	vmeta	1	1	1.2000
+	0.7000	2	vbus	66225	PIRTO	345.0	0	0.0	vmeta	1	1	1.2000

o	59.5000	2	fbus	67795	ABOLUS	500.0	0	0.0	fmeta	1	1	60.5000
x	59.5000	2	fbus	67796	ABOLUS	230.0	0	0.0	fmeta	1	1	60.5000
□	59.5000	2	fbus	65386	CLOVER	500.0	0	0.0	fmeta	1	1	60.5000
△	59.5000	2	fbus	64895	ROBINSON	500.0	0	0.0	fmeta	1	1	60.5000
◇	59.5000	2	fbus	18002	HA FS	345.0	0	0.0	fmeta	1	1	60.5000
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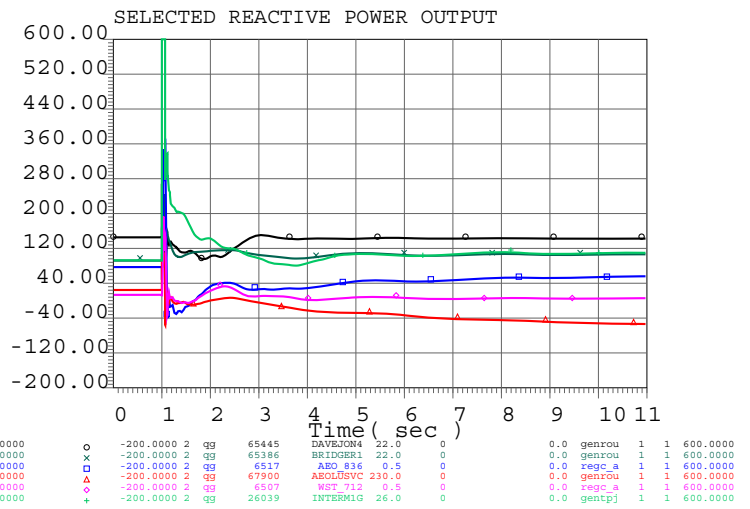
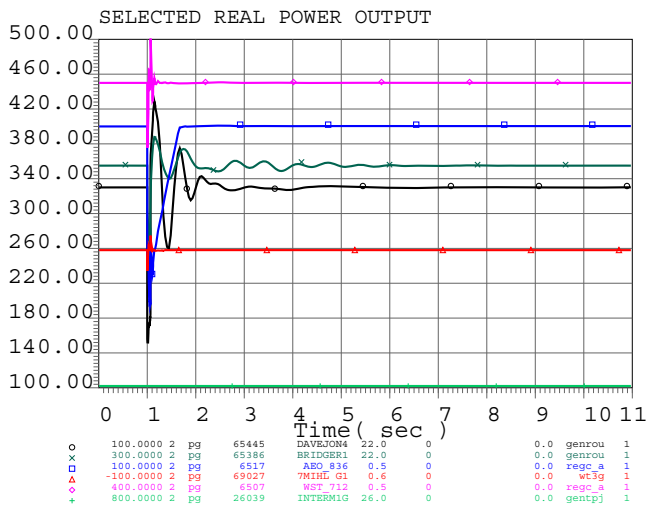
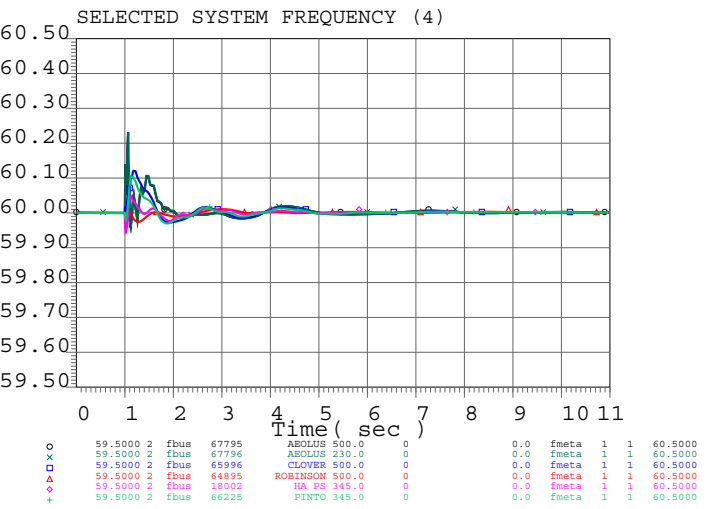
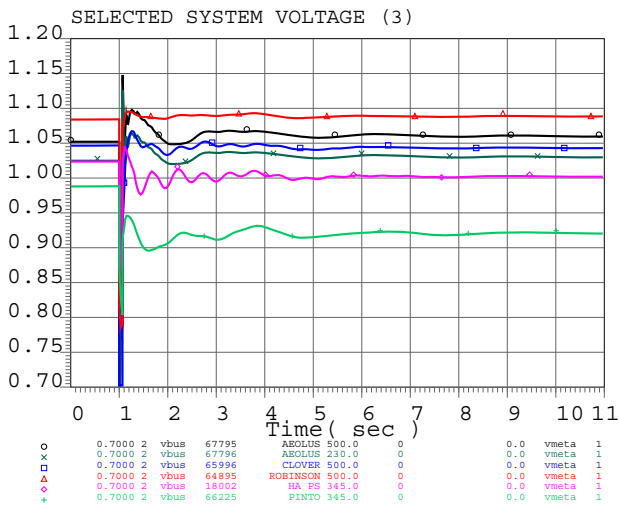
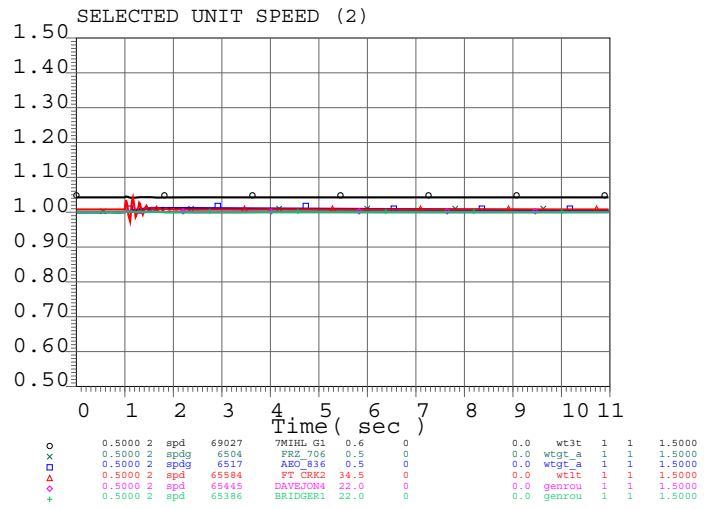
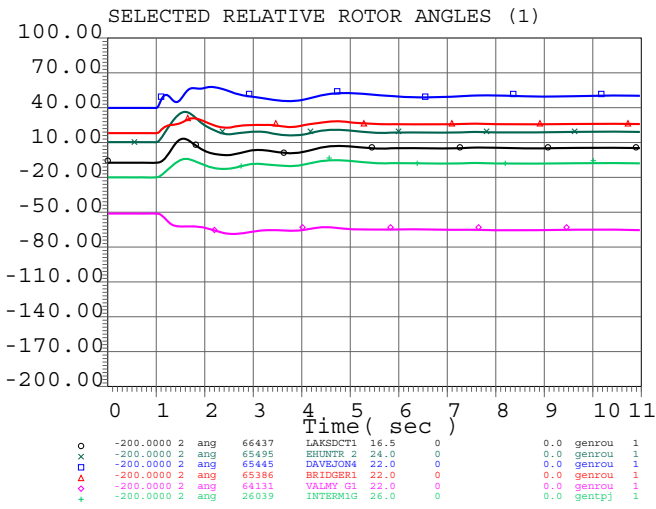
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□	100.0000	2	pg	6517	ABO 836	0.5	0	0.0	regc_a	1	1	500.0000
△	-100.0000	2	pg	69027	TMHHL G1	0.6	0	0.0	wt3g	1	1	300.0000
◇	400.0000	2	pg	6507	WT 712	0.5	0	0.0	regc_a	1	1	800.0000
+	800.0000	2	pg	26039	INTERMIG	26.0	0	0.0	gentpj	1	1	1200.0000

o	-200.0000	2	qg	65445	DAVEJON4	22.0	0	0.0	genrou	1	1	600.0000
x	-200.0000	2	qg	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	600.0000
□	-200.0000	2	qg	6517	ABO 836	0.5	0	0.0	regc_a	1	1	600.0000
△	-200.0000	2	qg	67900	ABOLUSVC	230.0	0	0.0	genrou	1	1	600.0000
◇	-200.0000	2	qg	6507	WT 712	0.5	0	0.0	regc_a	1	1	600.0000
+	-200.0000	2	qg	26039	INTERMIG	26.0	0	0.0	gentpj	1	1	600.0000

TransCanyon Cross-Tie Transmission Project  
 2026 Heavy Winter conditions (26hw1 Base Case)  
 Scenario 1 - Models Gateway West to Populus; Gateway South; and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line (1550 MW Gen Trip)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26hw1a\_CT\_S1\_P501\_P78.sav - CASE NUMBER 70.199



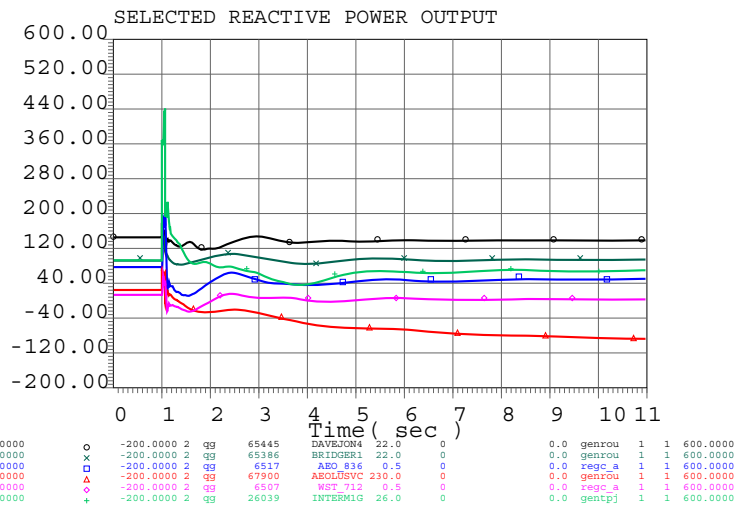
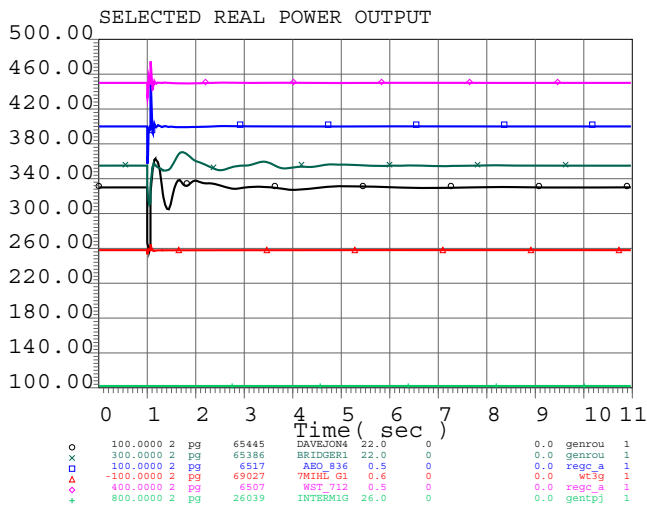
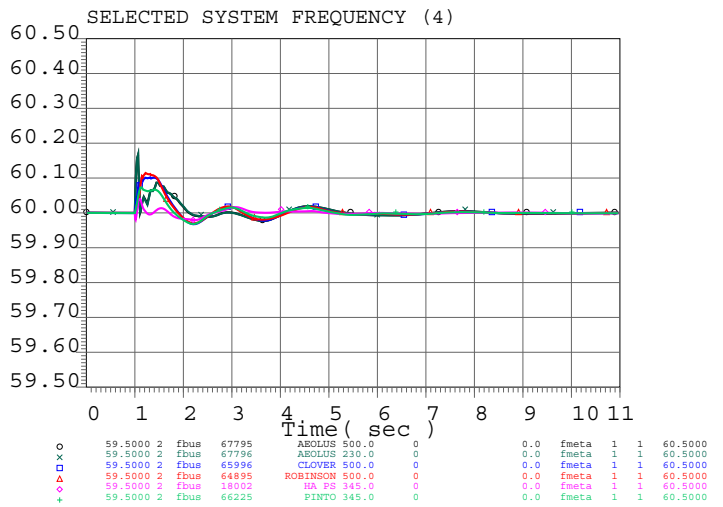
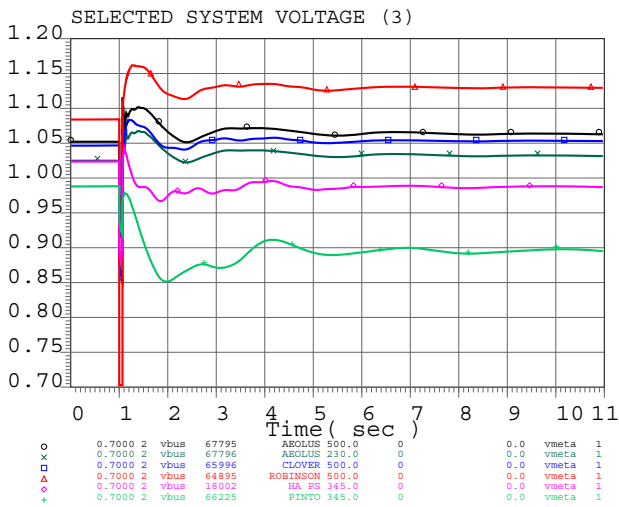
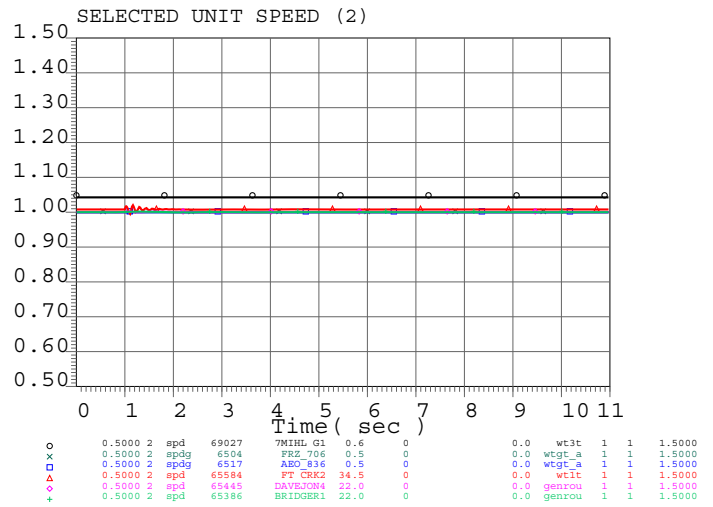
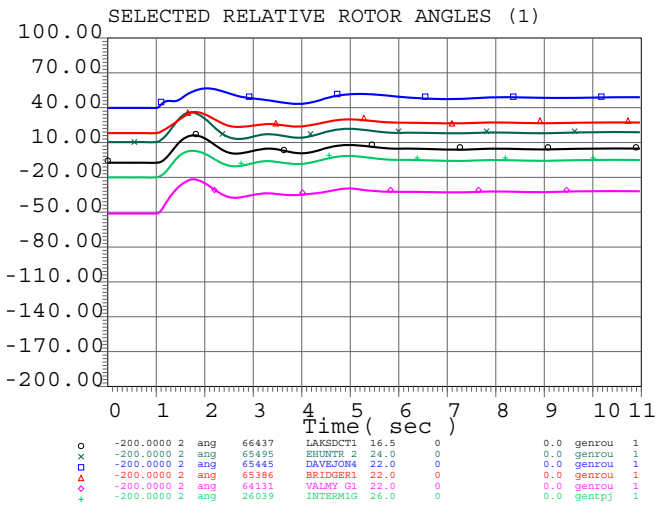
# Cross-Tie Phase I Assessment - Transient Stability Plots



TransCanyon Cross-Tie Transmission Project  
 2026 Summer Peak conditions (26hs1 Base Case)  
 Scenario 2 - Models Gateway South and Cross-Tie  
 Clover 500 kV 3PH Flt - Trip Cross-Tie 500 kV Line (Flash Capacitors)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26hw1a\_CT\_S2\_P501\_P78.sav - CASE NUMBER 10



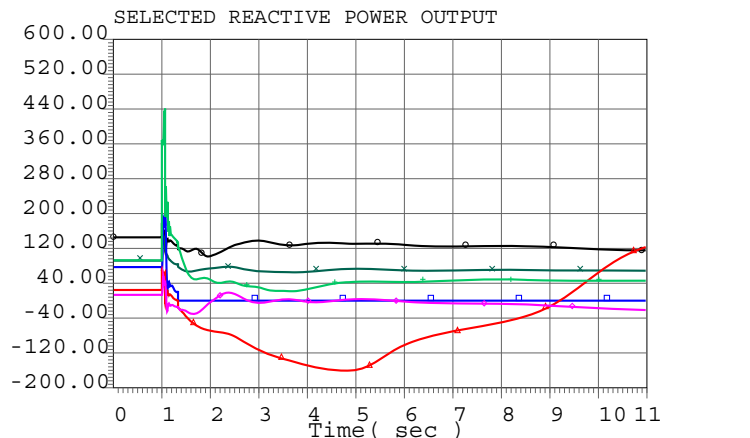
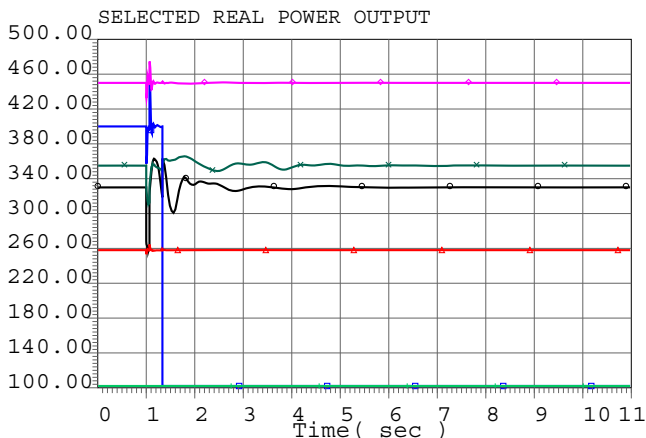
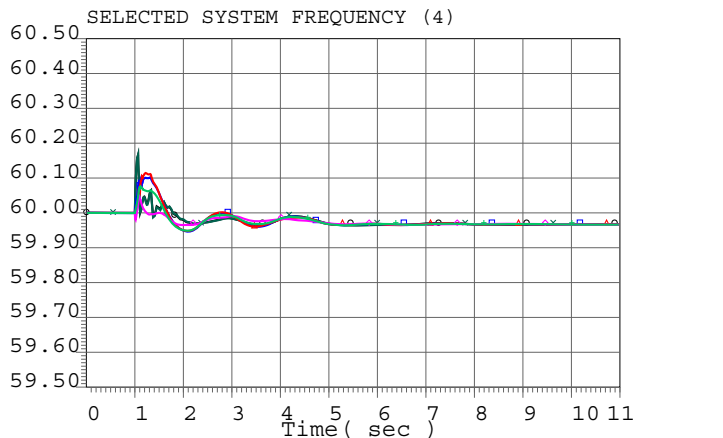
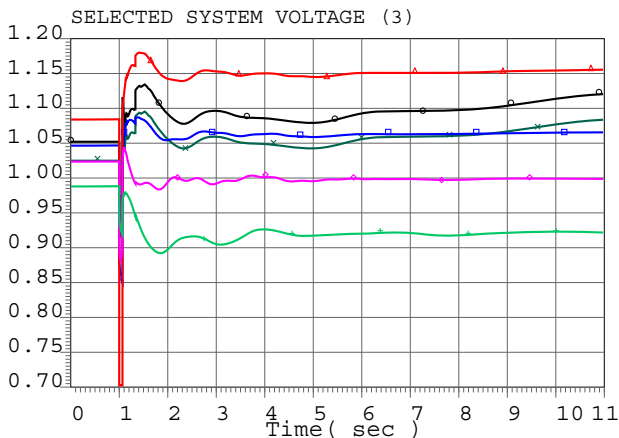
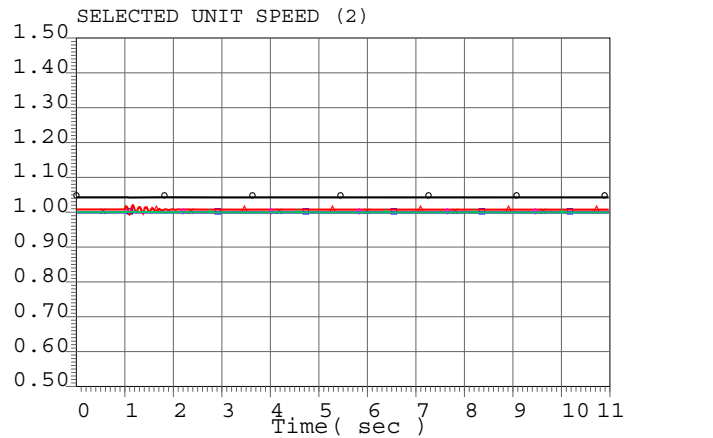
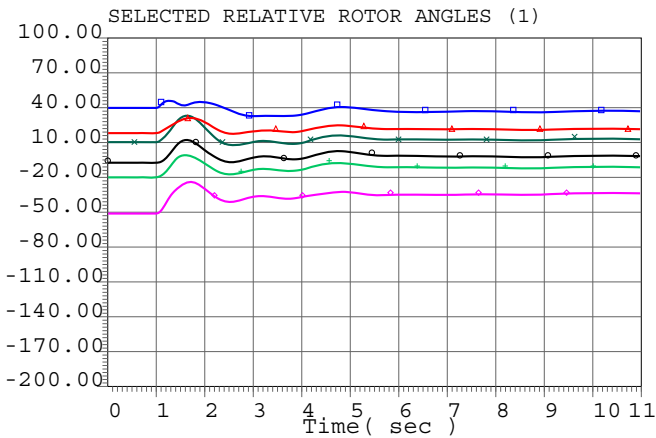
# Cross-Tie Phase I Assessment - Transient Stability Plots



TransCanyon Cross-Tie Transmission Project  
 2026 Summer Peak conditions (26hs1 Base Case)  
 Scenario 2 - Models Gateway South and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26hw1a\_CT\_S2\_P501\_P78.sav - CASE NUMBER 70



Cross-Tie Phase I Assessment - Transient Stability Plots

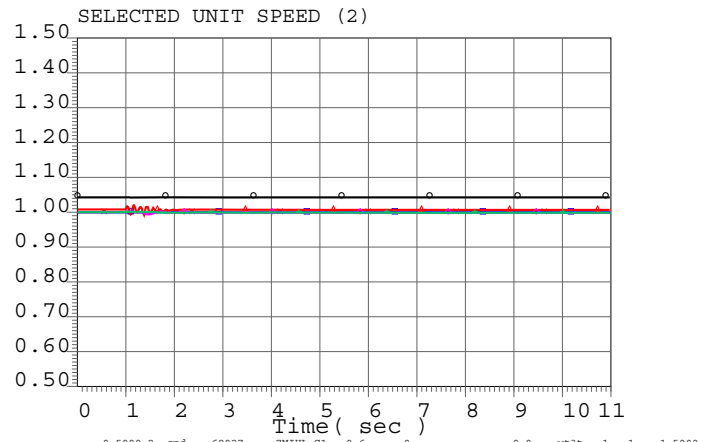
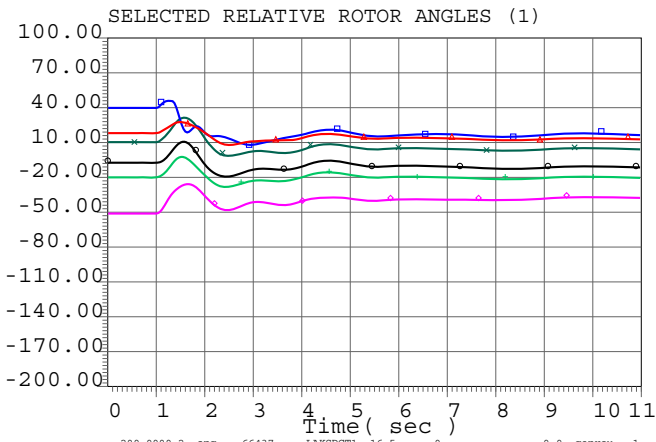


TransCanyon Cross-Tie Transmission Project  
 2026 Summer Peak conditions (26hs1 Base Case)  
 Scenario 2 - Models Gateway South and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line (650 MW Gen Trip)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26hw1a\_CT\_S2\_P501\_P78.sav - CASE NUMBER 70.099



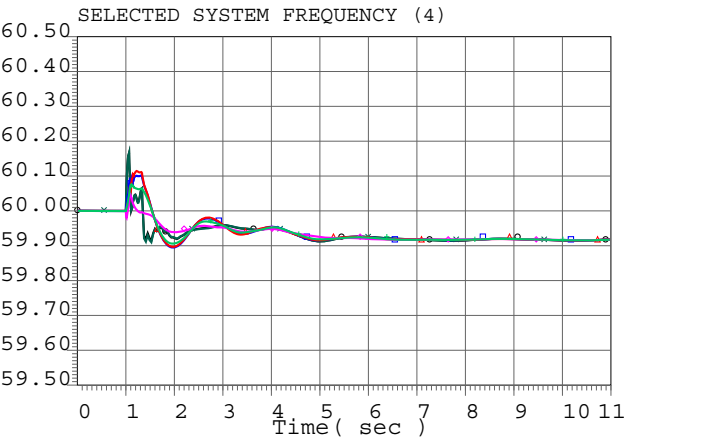
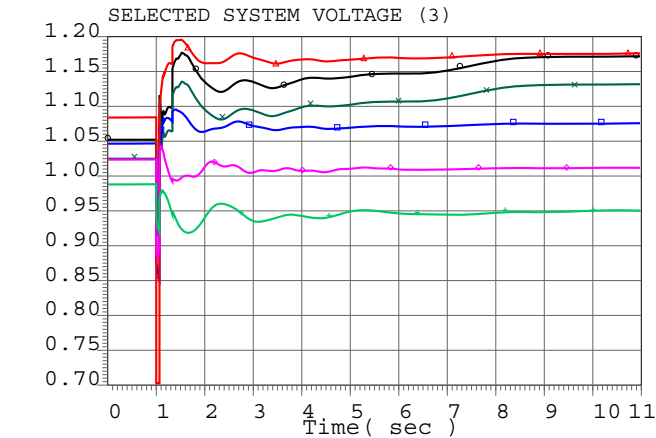


Cross-Tie Phase I Assessment - Transient Stability Plots



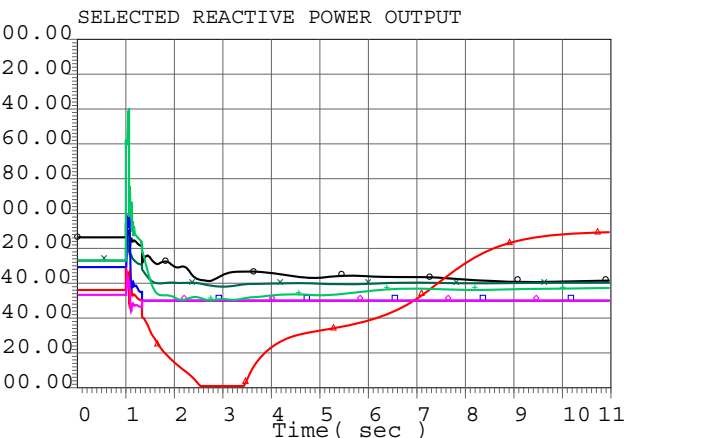
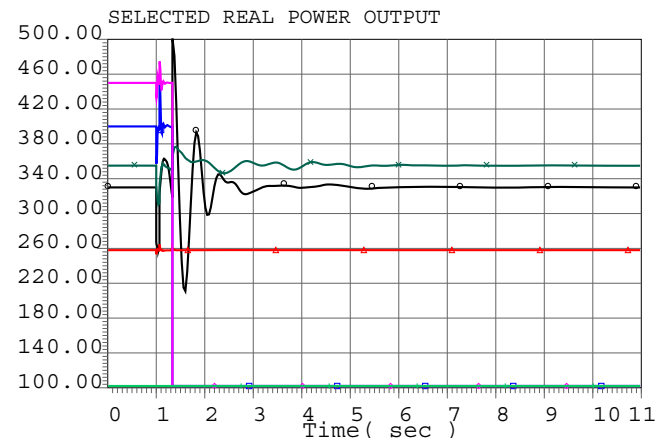
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x	-200.0000	2	ang	65495	BHUNTR	2	24.0	0	0.0	genrou	1	1	100.0000
□	-200.0000	2	ang	65445	DAVEJON4	22.0	0	0.0	genrou	1	1	100.0000	
△	-200.0000	2	ang	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	100.0000	
◇	-200.0000	2	ang	64131	VALMY G1	22.0	0	0.0	genrou	1	1	100.0000	
+	-200.0000	2	ang	26039	INTERMIG	26.0	0	0.0	gentpj	1	1	100.0000	

o	0.5000	2	spd	69027	TMHLL G1	0.6	0	0.0	wt3t	1	1	1.5000
x	0.5000	2	spd	6504	FRZ 706	0.5	0	0.0	wtgt_a	1	1	1.5000
□	0.5000	2	spd	6517	ABO 836	0.5	0	0.0	wtgt_a	1	1	1.5000
△	0.5000	2	spd	65386	FT CRK2	34.5	0	0.0	wt3t	1	1	1.5000
◇	0.5000	2	spd	65445	DAVEJON4	22.0	0	0.0	genrou	1	1	1.5000
+	0.5000	2	spd	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	1.5000



o	0.7000	2	vbus	67795	ABOLUS	500.0	0	0.0	vmeta	1	1	1.2000
x	0.7000	2	vbus	67796	ABOLUS	230.0	0	0.0	vmeta	1	1	1.2000
□	0.7000	2	vbus	65386	CLOVER	500.0	0	0.0	vmeta	1	1	1.2000
△	0.7000	2	vbus	64895	ROBINSON	500.0	0	0.0	vmeta	1	1	1.2000
◇	0.7000	2	vbus	38002	HA FS	345.0	0	0.0	vmeta	1	1	1.2000
+	0.7000	2	vbus	66225	PINRO	345.0	0	0.0	vmeta	1	1	1.2000

o	59.5000	2	fbus	67795	ABOLUS	500.0	0	0.0	fmeta	1	1	60.5000
x	59.5000	2	fbus	67796	ABOLUS	230.0	0	0.0	fmeta	1	1	60.5000
□	59.5000	2	fbus	65386	CLOVER	500.0	0	0.0	fmeta	1	1	60.5000
△	59.5000	2	fbus	64895	ROBINSON	500.0	0	0.0	fmeta	1	1	60.5000
◇	59.5000	2	fbus	38002	HA FS	345.0	0	0.0	fmeta	1	1	60.5000
+	59.5000	2	fbus	66225	PINRO	345.0	0	0.0	fmeta	1	1	60.5000



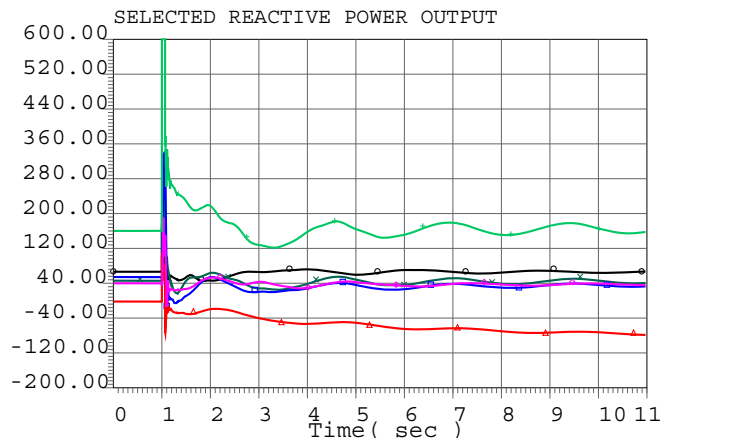
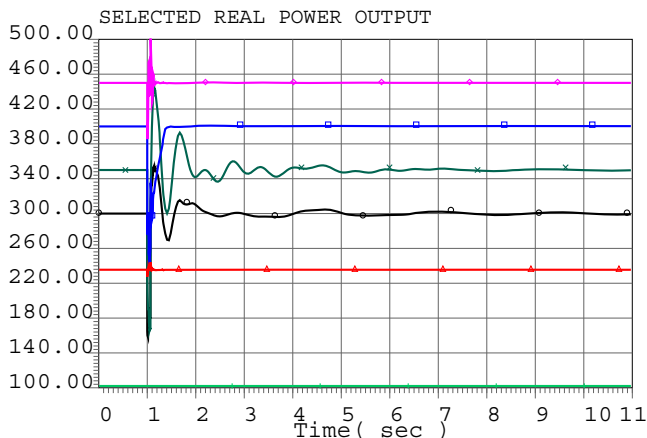
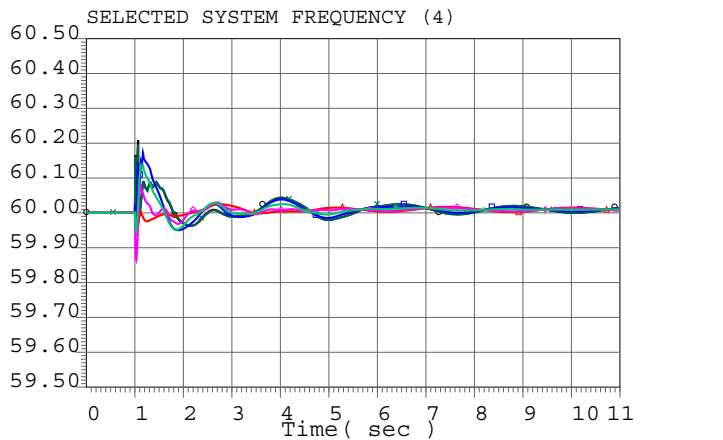
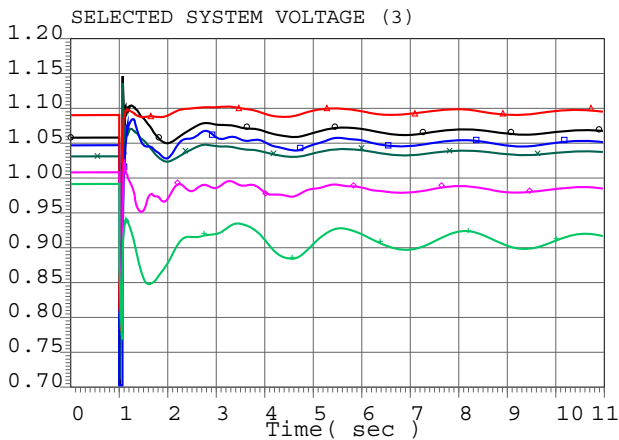
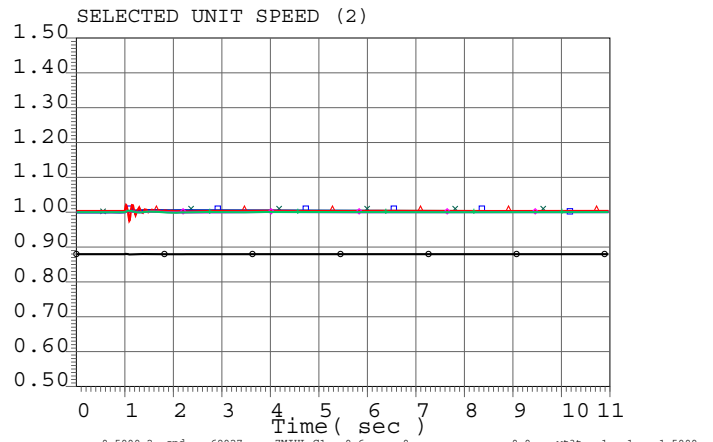
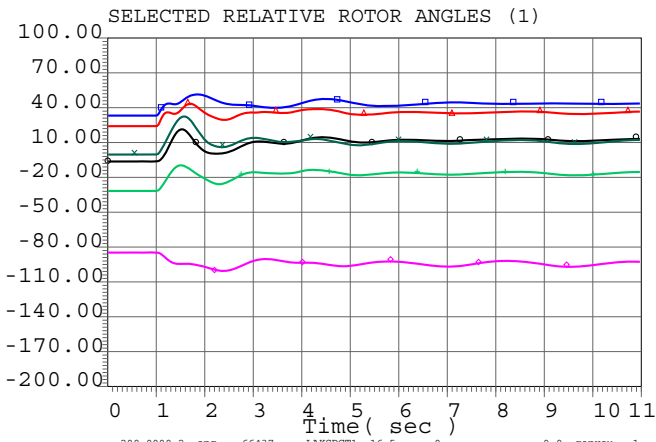
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x	300.0000	2	pg	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	700.0000
□	100.0000	2	pg	6517	ABO 836	0.5	0	0.0	regc_a	1	1	500.0000
△	-100.0000	2	pg	69027	TMHLL G1	0.6	0	0.0	wt3g	1	1	300.0000
◇	400.0000	2	pg	6507	WT 712	0.5	0	0.0	regc_a	1	1	800.0000
+	800.0000	2	pg	26039	INTERMIG	26.0	0	0.0	gentpj	1	1	1200.0000

o	-200.0000	2	qg	65445	DAVEJON4	22.0	0	0.0	genrou	1	1	600.0000
x	-200.0000	2	qg	65386	BRIDGER1	22.0	0	0.0	genrou	1	1	600.0000
□	-200.0000	2	qg	6517	ABO 836	0.5	0	0.0	regc_a	1	1	600.0000
△	-200.0000	2	qg	67900	ABOLUSVC	230.0	0	0.0	genrou	1	1	600.0000
◇	-200.0000	2	qg	6507	WT 712	0.5	0	0.0	regc_a	1	1	600.0000
+	-200.0000	2	qg	26039	INTERMIG	26.0	0	0.0	gentpj	1	1	600.0000

TransCanyon Cross-Tie Transmission Project  
 2026 Summer Peak conditions (26hs1 Base Case)  
 Scenario 2 - Models Gateway South and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line (1550 MW Gen Trip)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26hw1a\_CT\_S2\_P501\_P78.sav - CASE NUMBER 70.199



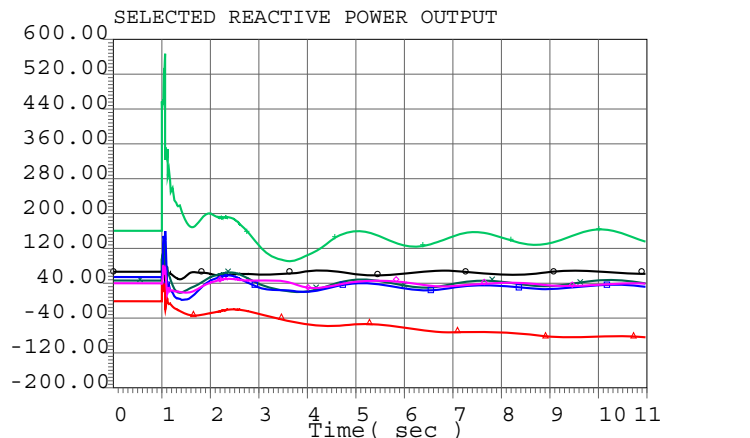
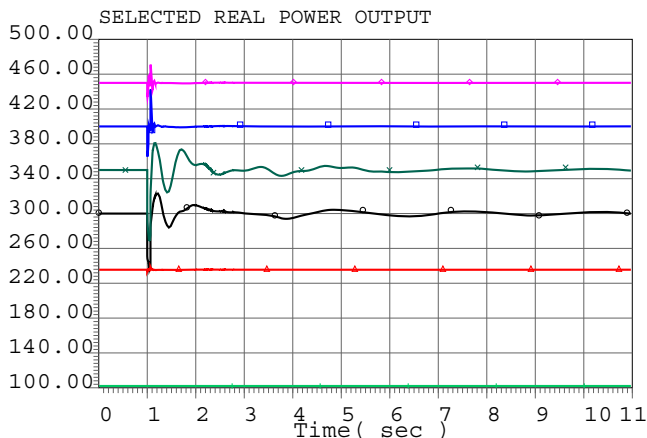
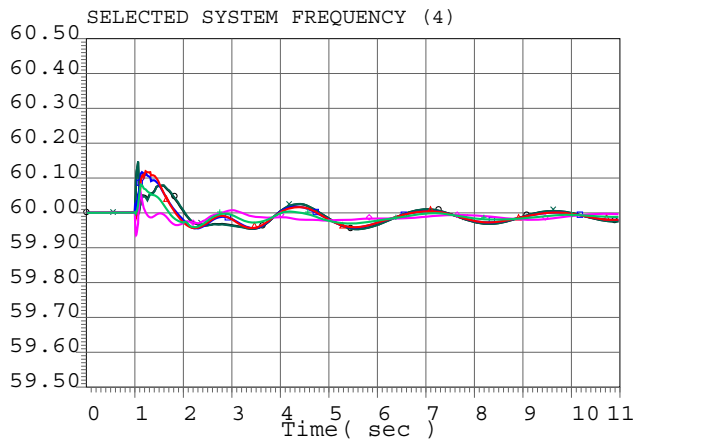
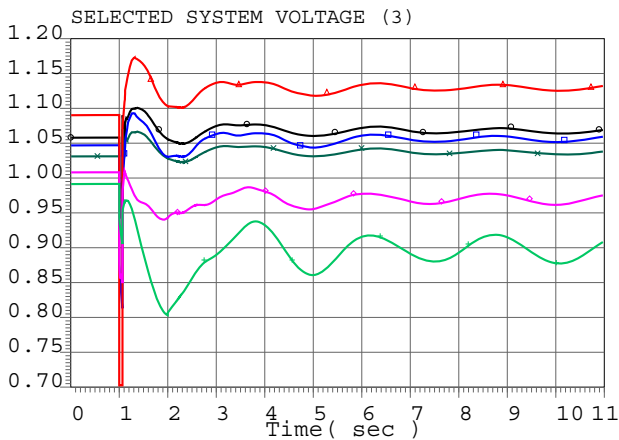
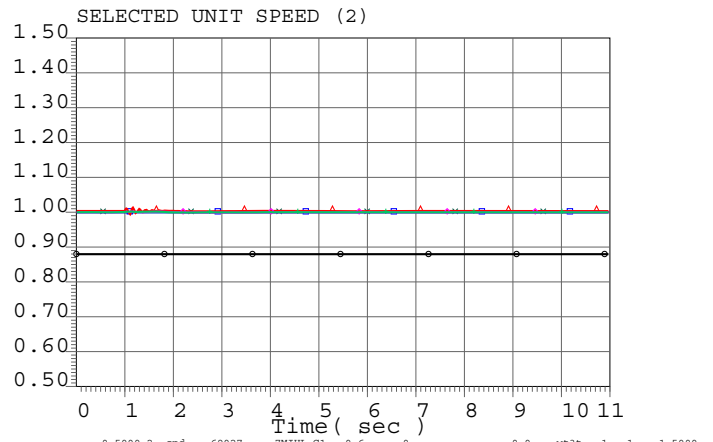
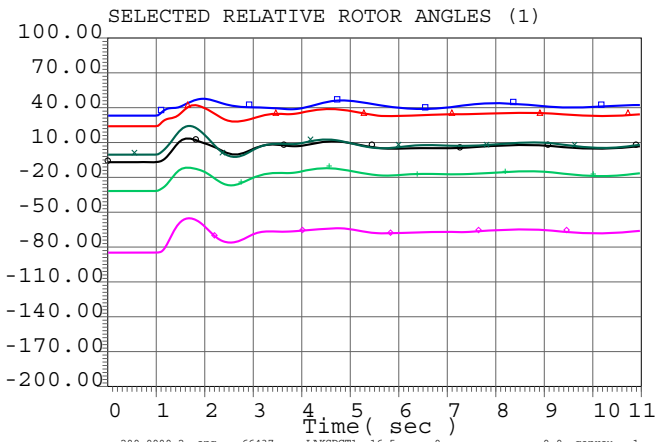
# Cross-Tie Phase I Assessment - Transient Stability Plots



TransCanyon Cross-Tie Transmission Project  
 2026 Light Spring conditions (26lsp1sa Base Case)  
 Scenario 1 - Models Gateway West to Populus; Gateway South; and Cross-Tie  
 Clover 500 kV 3PH Flt - Trip Cross-Tie 500 kV Line (Flash Capacitors)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26LSP1Sa\_CT\_S1\_P501\_P78.sav - CASE NUMBER 10



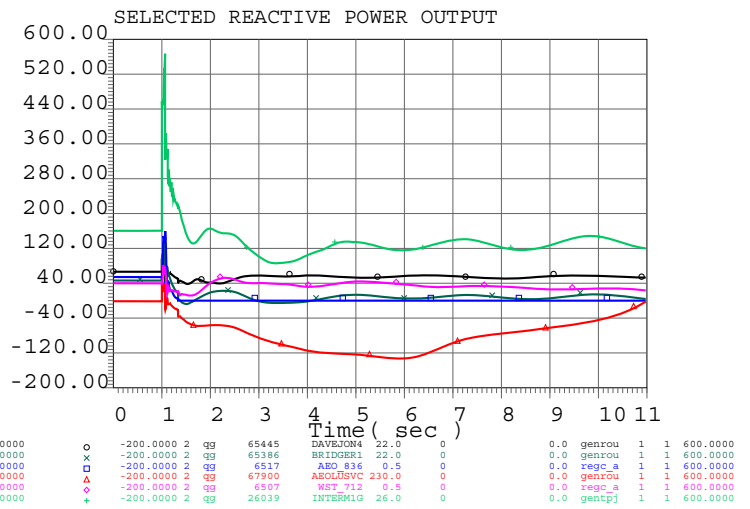
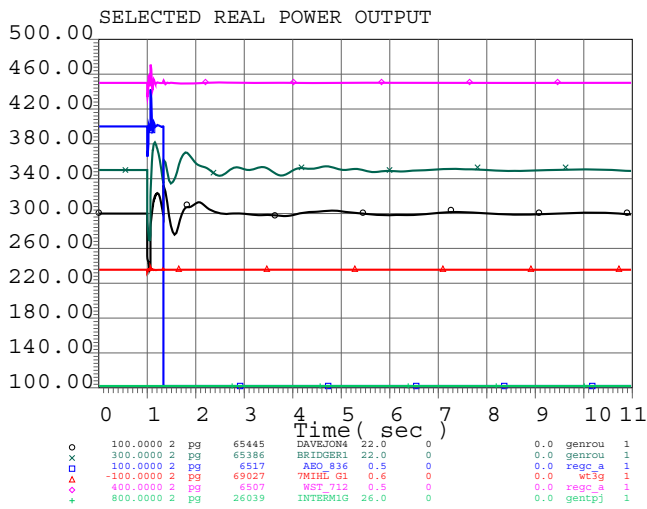
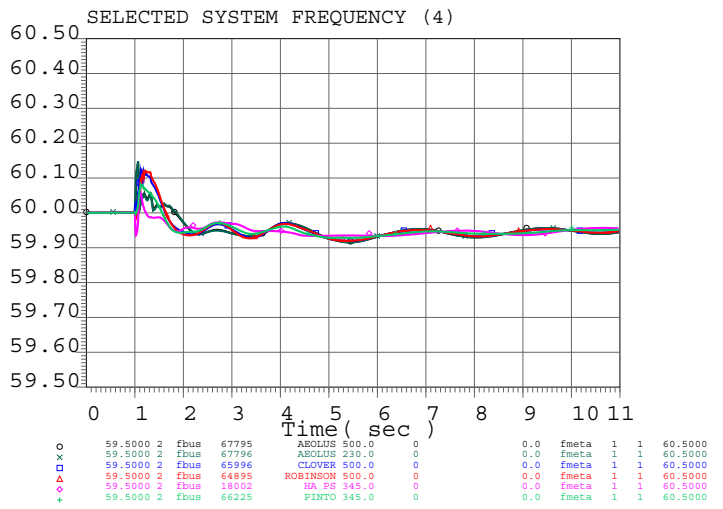
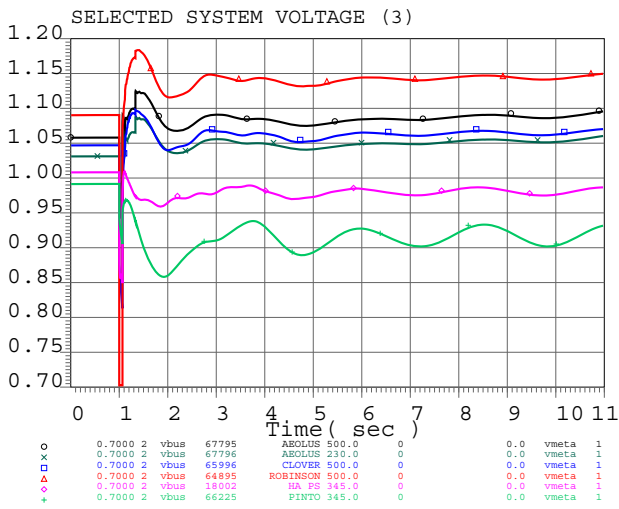
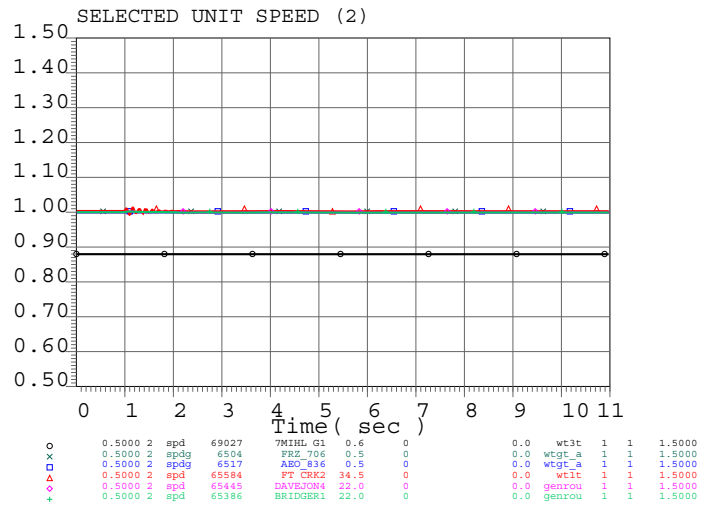
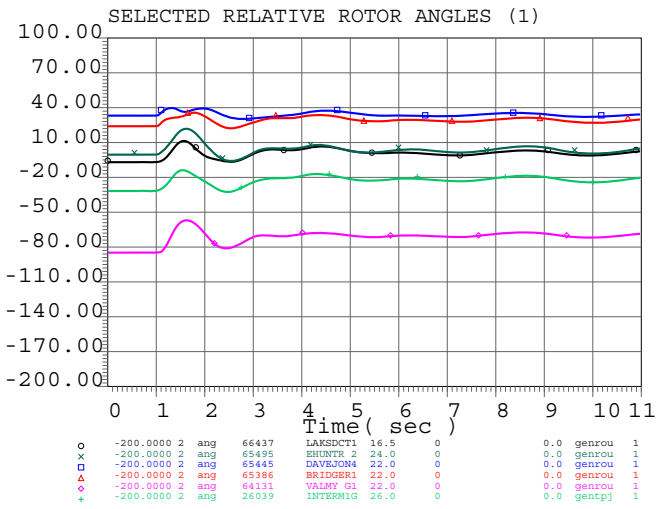
# Cross-Tie Phase I Assessment - Transient Stability Plots



TransCanyon Cross-Tie Transmission Project  
 2026 Light Spring conditions (26lsp1sa Base Case)  
 Scenario 1 - Models Gateway West to Populus; Gateway South; and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26LSP1Sa\_CT\_S1\_P501\_P78.sav - CASE NUMBER 70



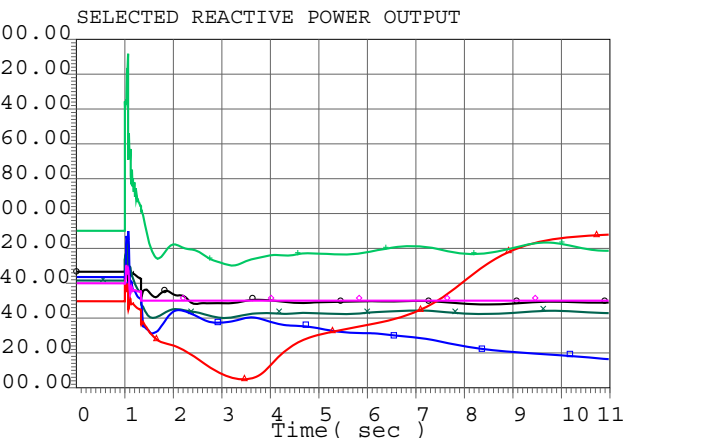
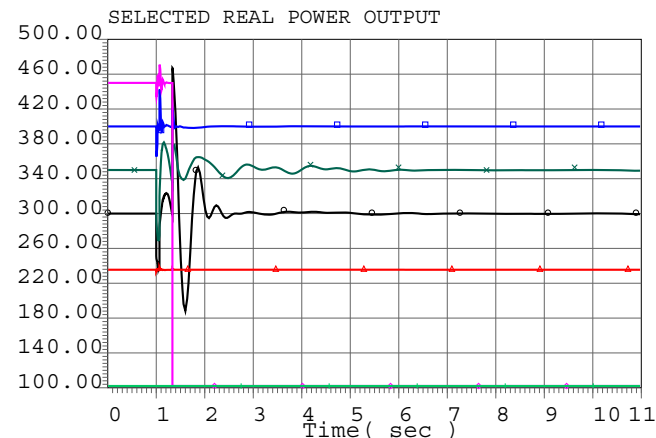
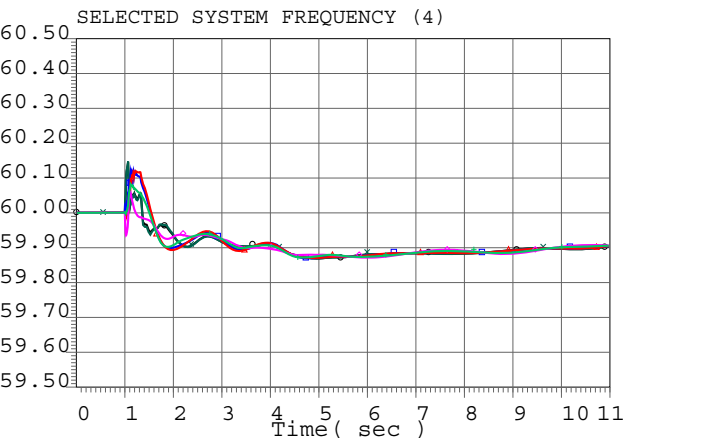
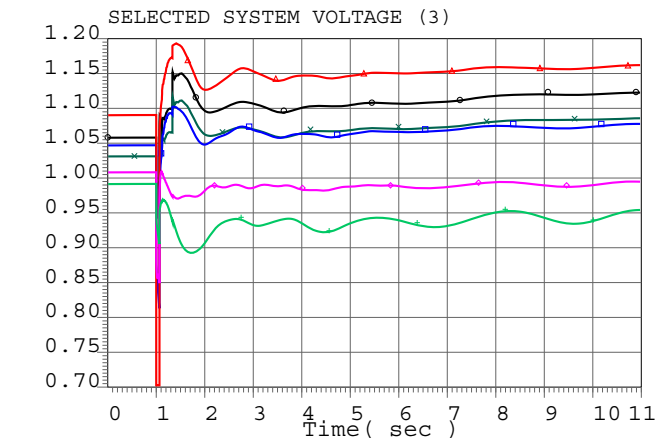
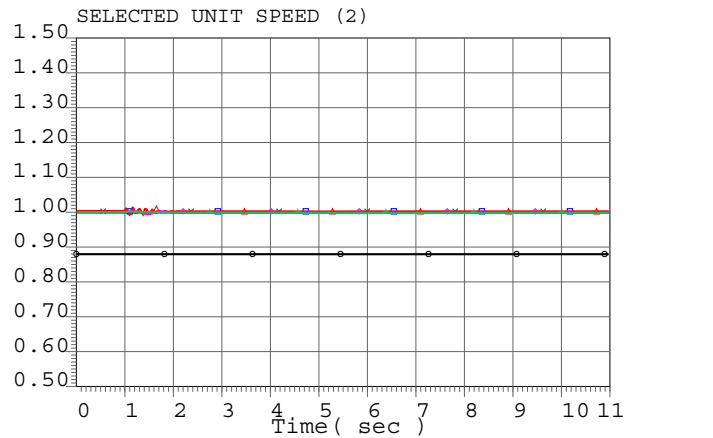
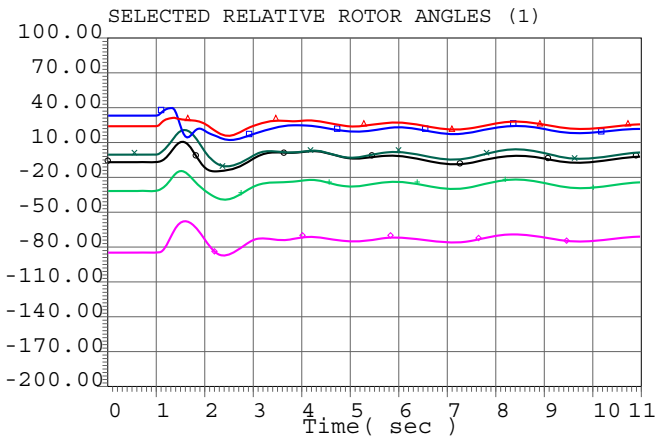
# Cross-Tie Phase I Assessment - Transient Stability Plots



TransCanyon Cross-Tie Transmission Project  
 2026 Light Spring conditions (26lsp1sa Base Case)  
 Scenario 1 - Models Gateway West to Populus; Gateway South; and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line (650 MW Gen Trip)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26LSP1Sa\_CT\_S1\_P501\_P78.sav - CASE NUMBER 70.0



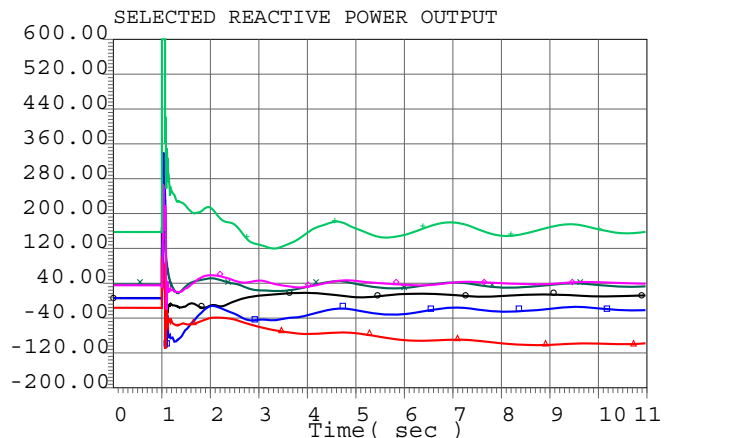
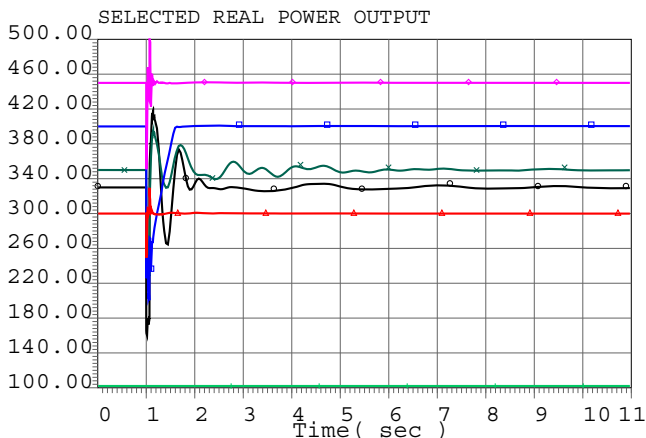
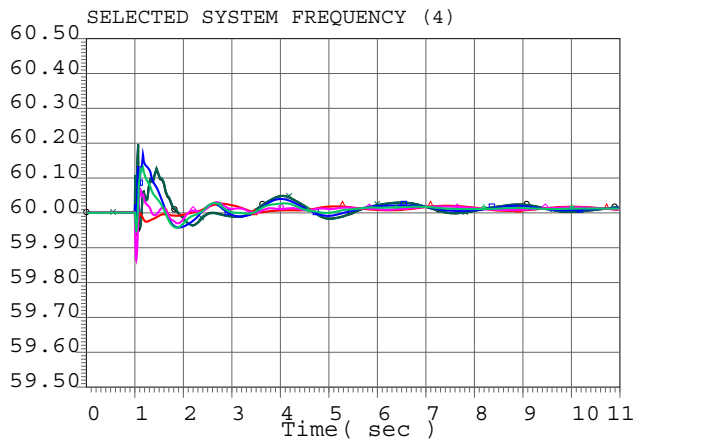
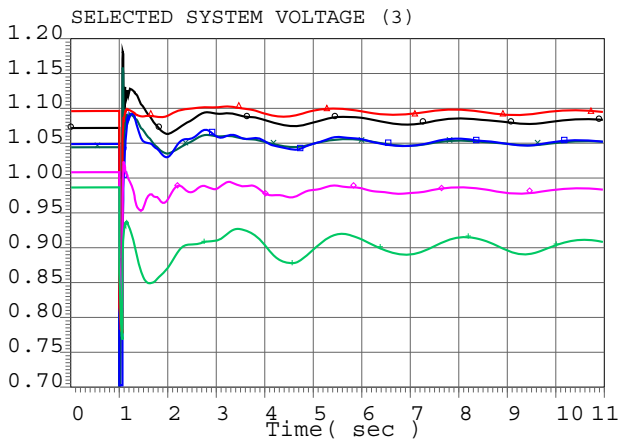
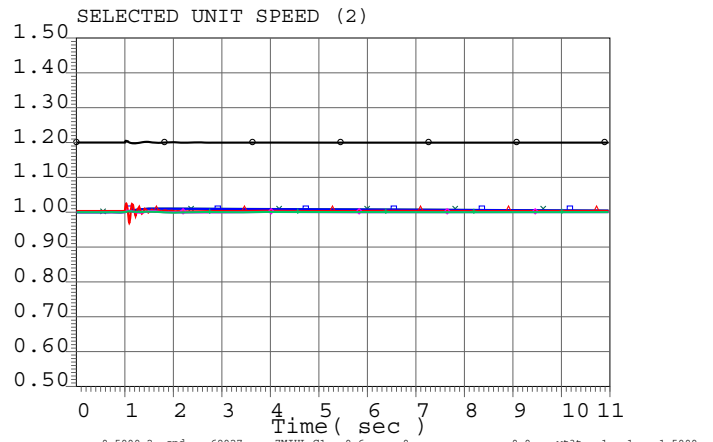
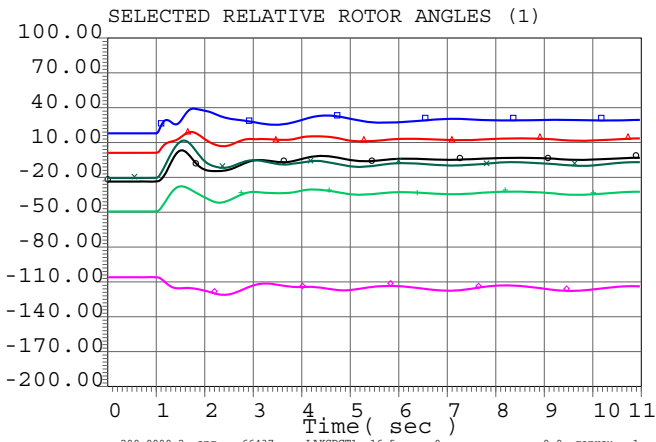
# Cross-Tie Phase I Assessment - Transient Stability Plots



TransCanyon Cross-Tie Transmission Project  
 2026 Light Spring conditions (26lsp1sa Base Case)  
 Scenario 1 - Models Gateway West to Populus; Gateway South; and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line (1550 MW Gen Trip)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26LSP1Sa\_CT\_S1\_P501\_P78.sav - CASE NUMBER 70.1



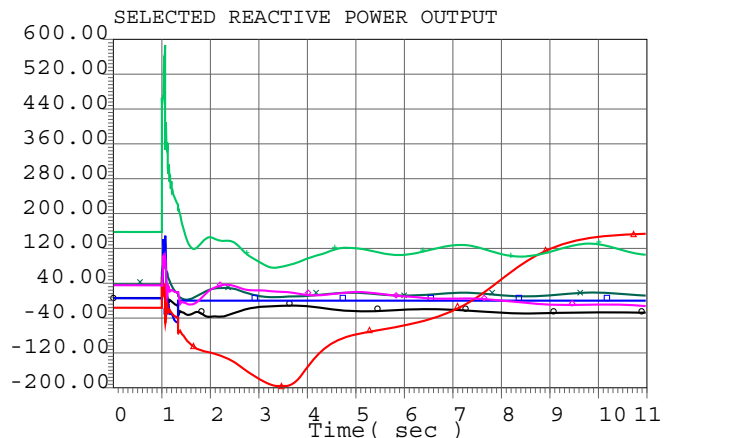
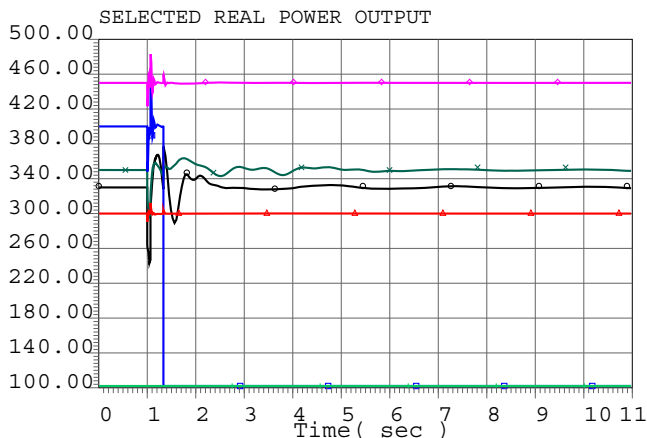
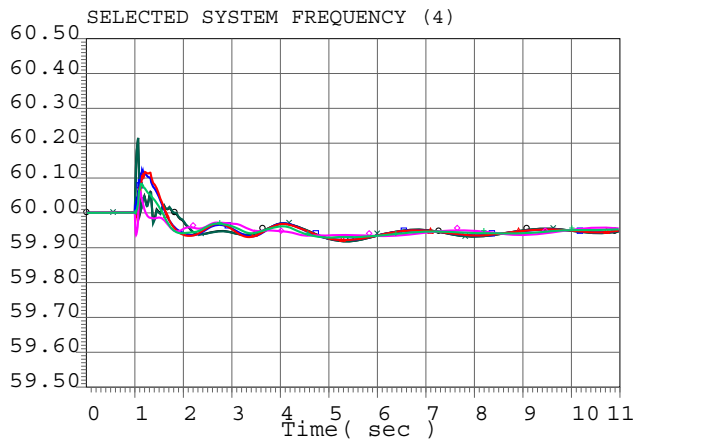
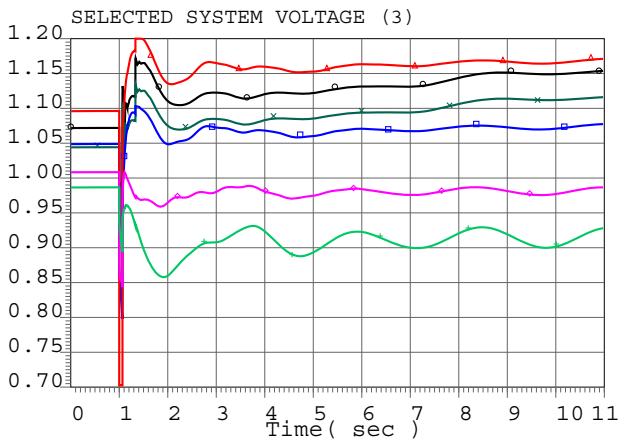
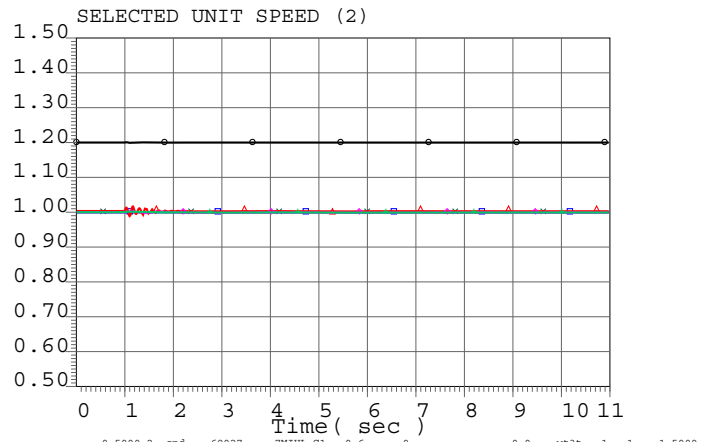
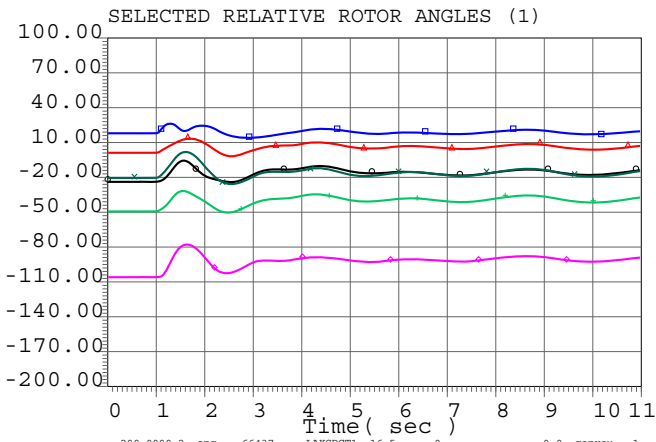
# Cross-Tie Phase I Assessment - Transient Stability Plots



TransCanyon Cross-Tie Transmission Project  
 2026 Summer Peak conditions (26hsl Base Case)  
 Scenario 2 - Models Gateway South and Cross-Tie  
 Clover 500 kV 3PH Flt - Trip Cross-Tie 500 kV Line (Flash Capacitors)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26LSP1Sa\_CT\_S2\_P501\_P78.sav - CASE NUMBER 10



# Cross-Tie Phase I Assessment - Transient Stability Plots

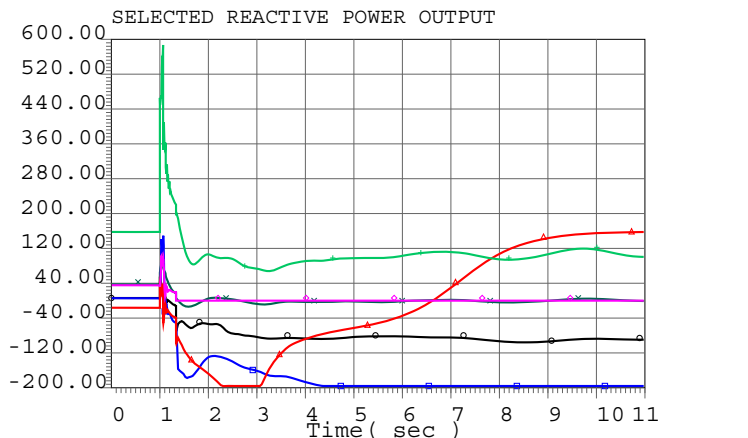
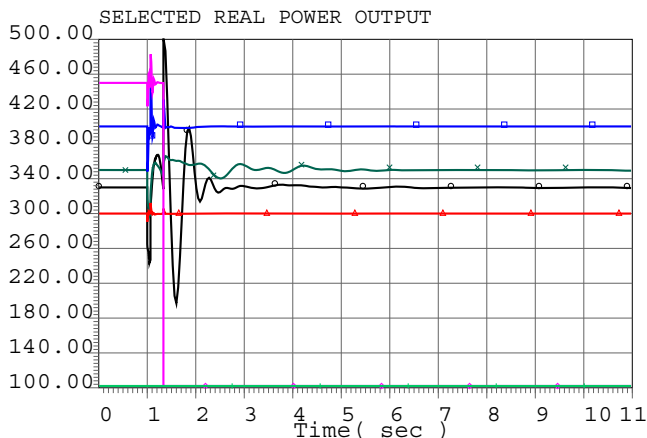
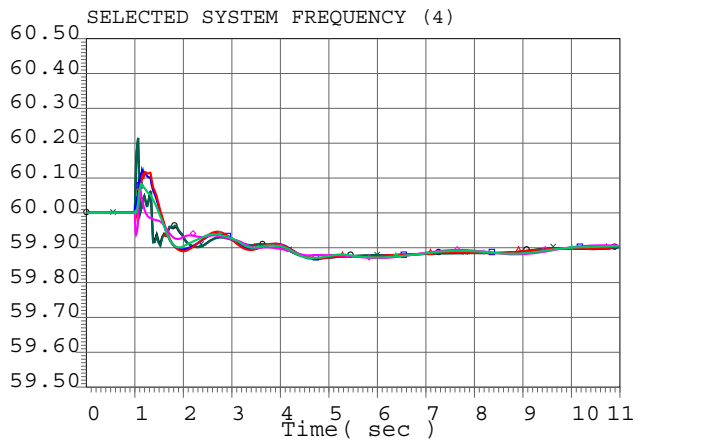
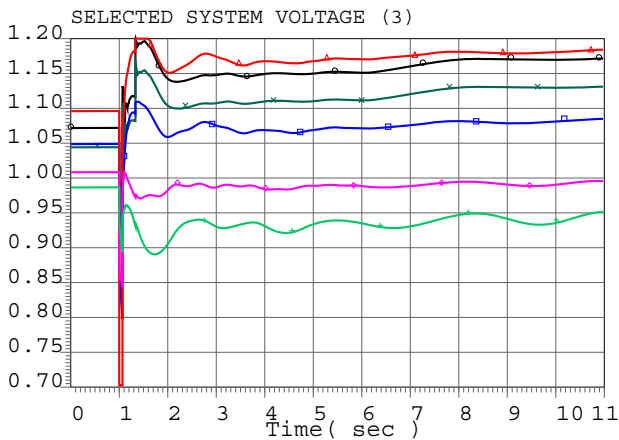
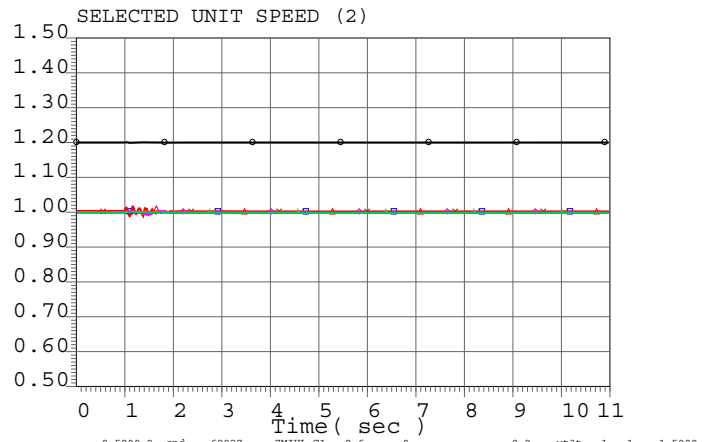
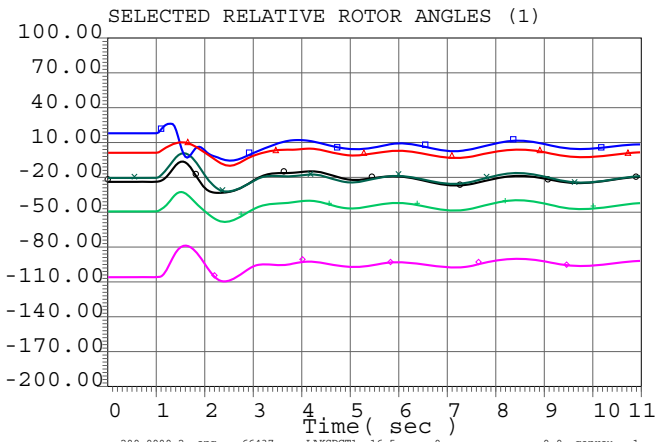


TransCanyon Cross-Tie Transmission Project  
 2026 Summer Peak conditions (26hs1 Base Case)  
 Scenario 2 - Models Gateway South and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line (650 MW Gen Trip)  
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Cross-Tie Phase I Assessment - Transient Stability Plots

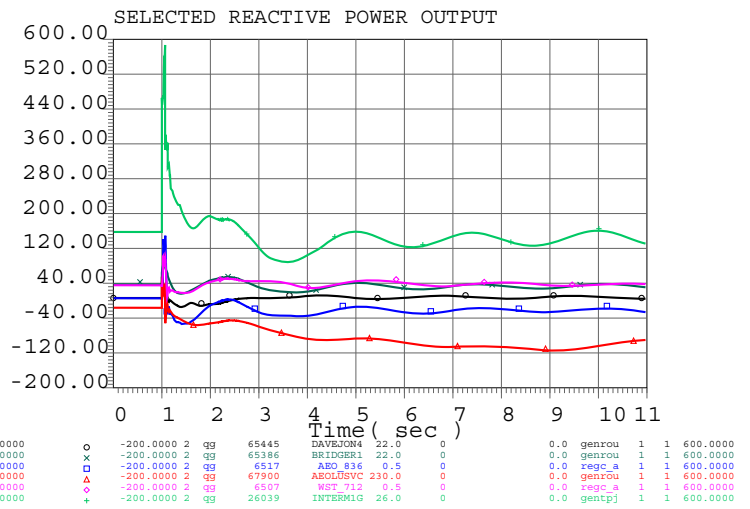
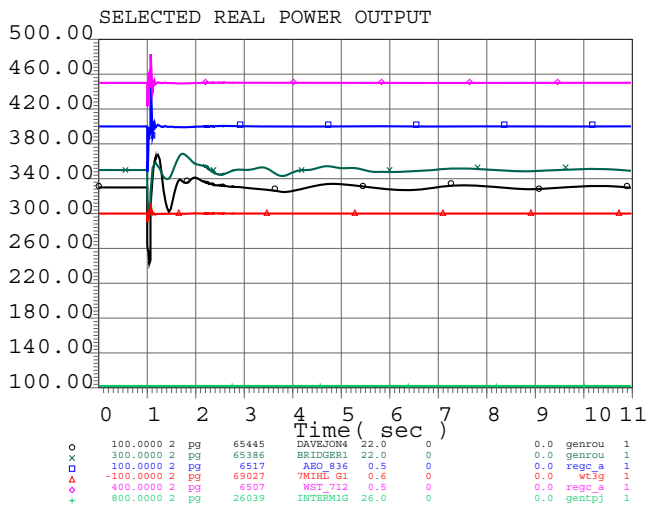
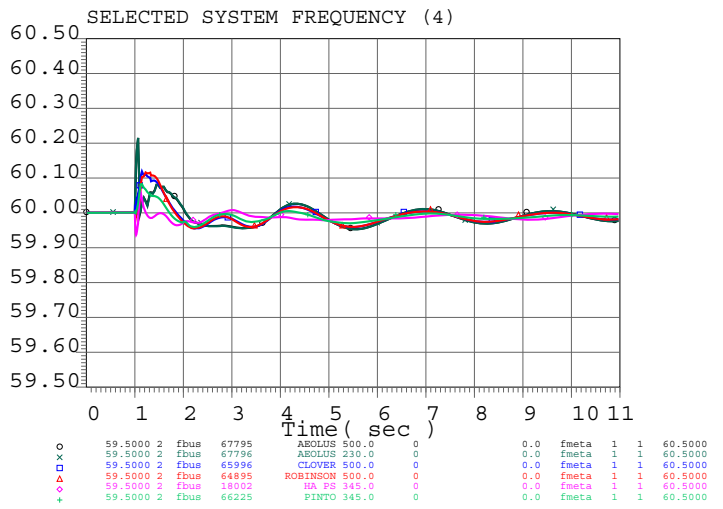
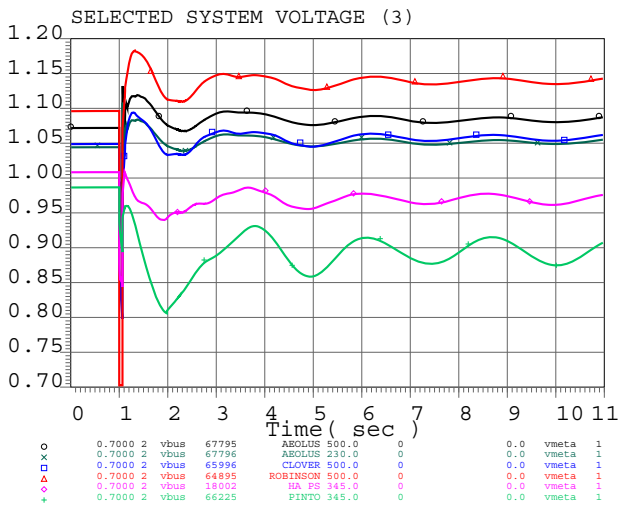
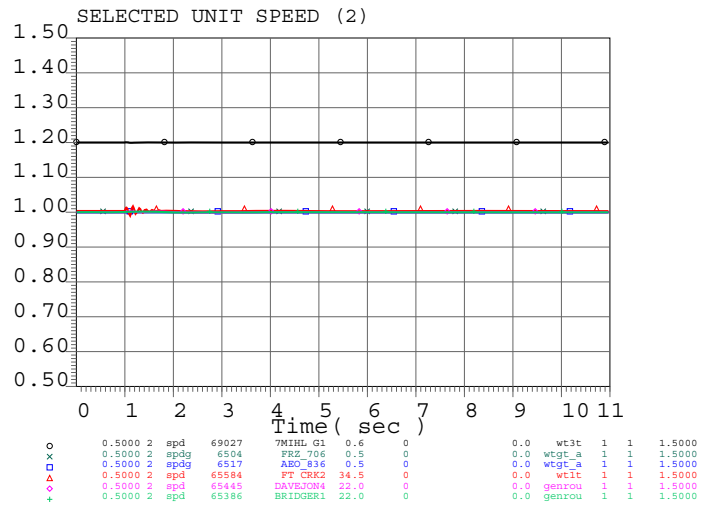
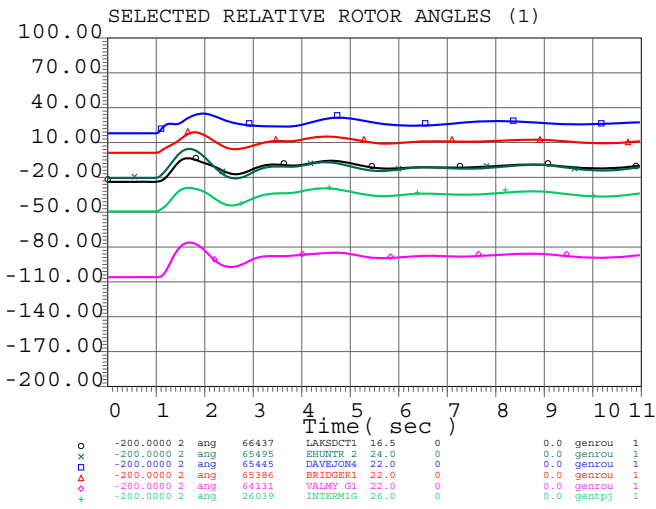


TransCanyon Cross-Tie Transmission Project  
 2026 Summer Peak conditions (26hsl Base Case)  
 Scenario 2 - Models Gateway South and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line (1550 MW Gen Trip)  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26LSP1Sa\_CT\_S2\_P501\_P78.sav - CASE NUMBER 70.1





# Cross-Tie Phase I Assessment - Transient Stability Plots



TransCanyon Cross-Tie Transmission Project  
 2026 Summer Peak conditions (26hs1 Base Case)  
 Scenario 2 - Models Gateway South and Cross-Tie  
 Robinson 500 kV 3PH Flt - Trip SWIP South 500 kV Line  
 Dynamics\_Path\_35\_78\_29\_ST.pfp - 26LSP1Sa\_CT\_S2\_P501\_P78.sav - CASE NUMBER 70

