

Western Area Power Administration Sierra Nevada Region

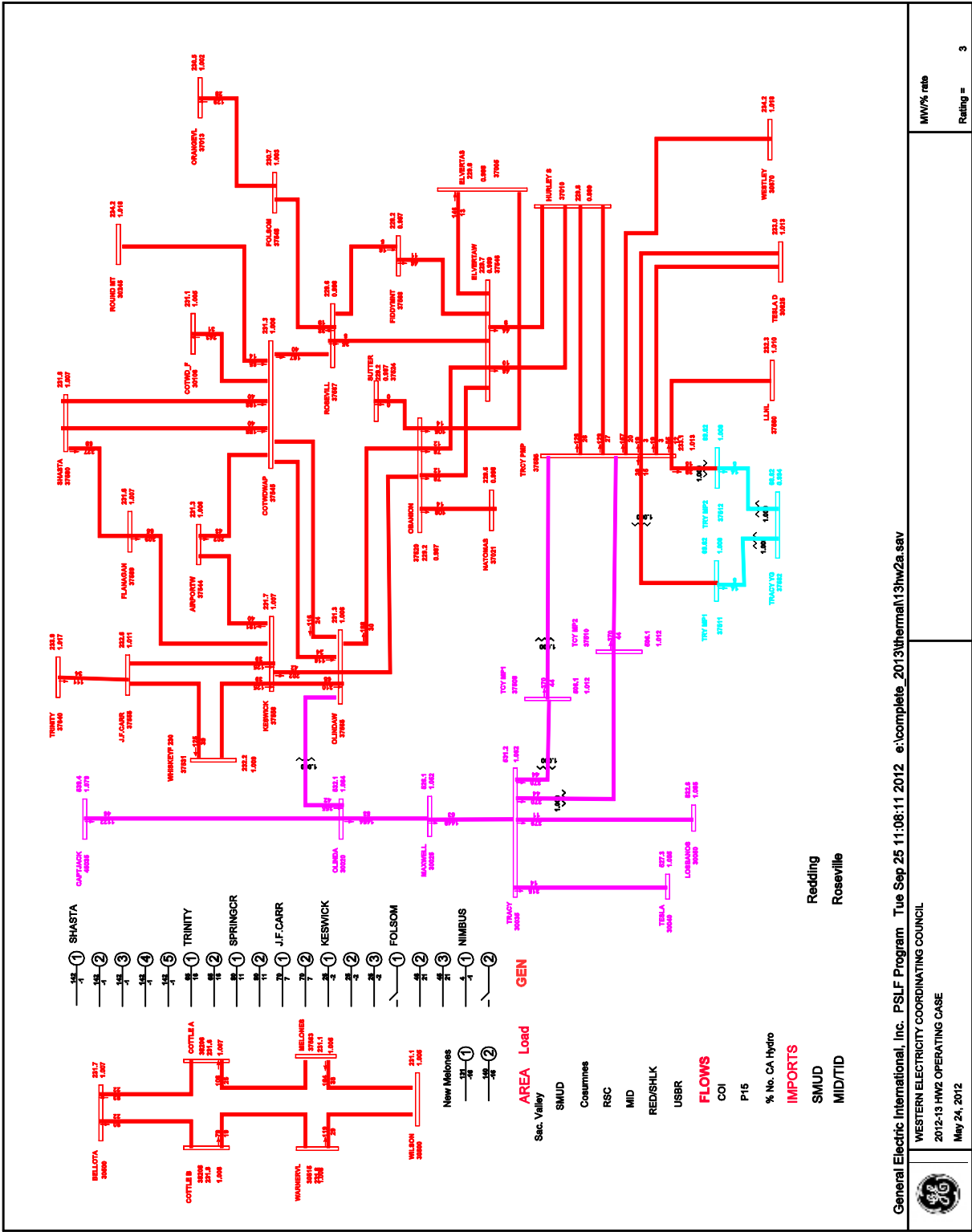
2012- Annual Ten-Year Transmission Assessment Report

Report Attachment 3 NERC Planning Standard TPL-001

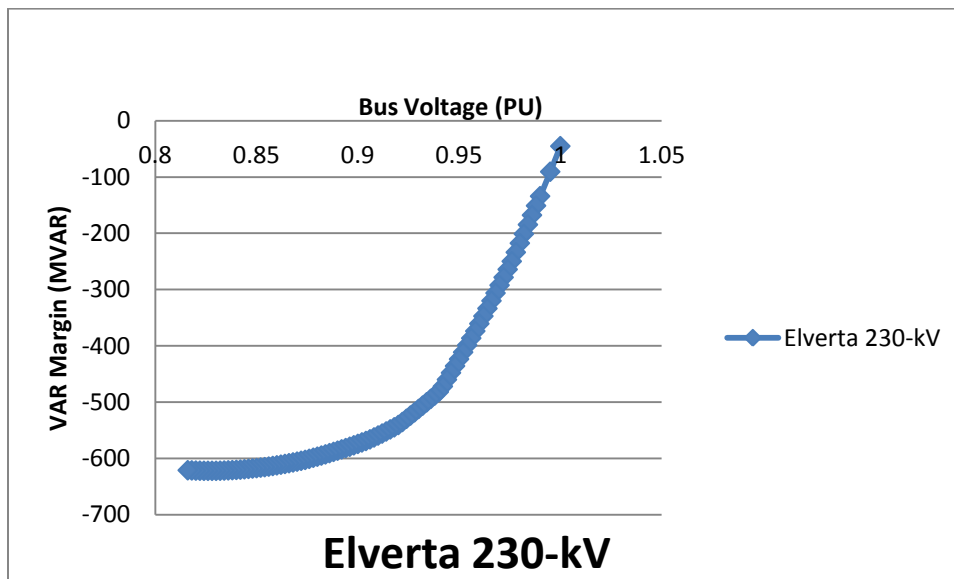
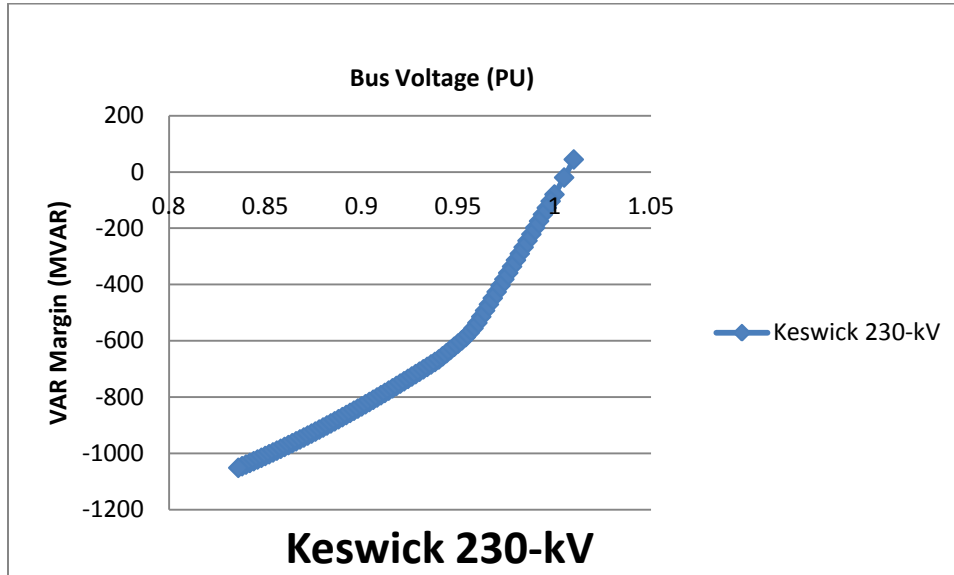
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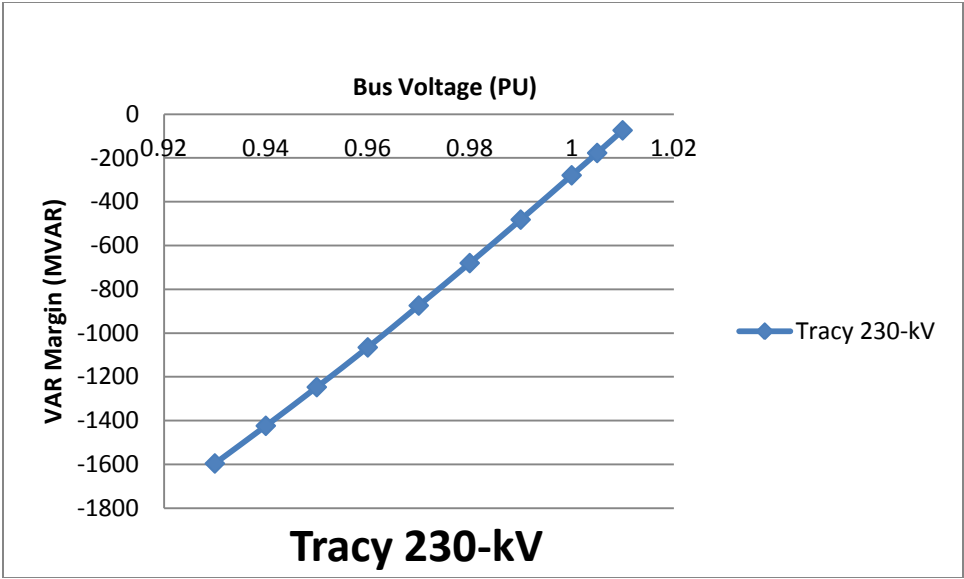
For information or questions regarding this Transmission Assessment Report, please contact Kirk Sornborger via (916) 353-4063 or email at Sornborg@wapa.com

Attachment 3
Figure 3-1
All Lines in Service



Attachment 3
Figure 3-2
All Lines in Service



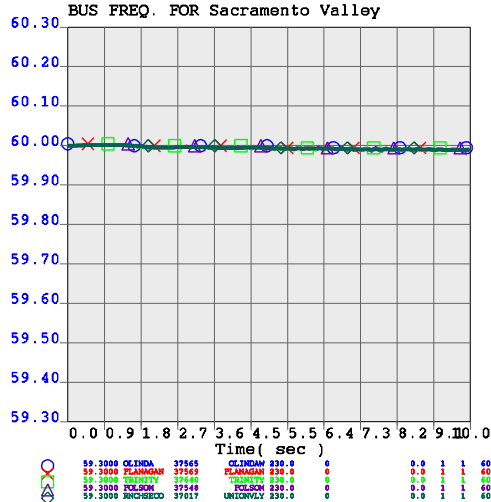
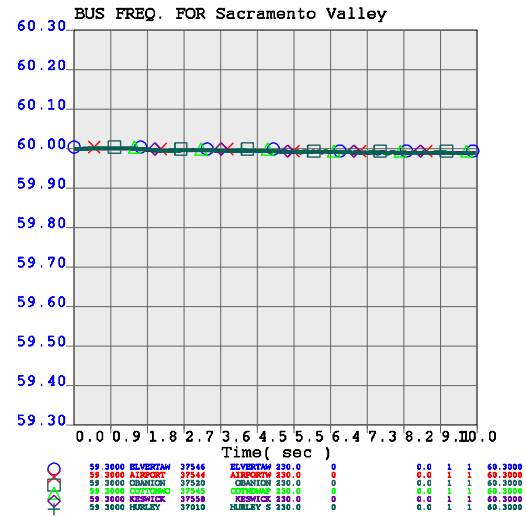
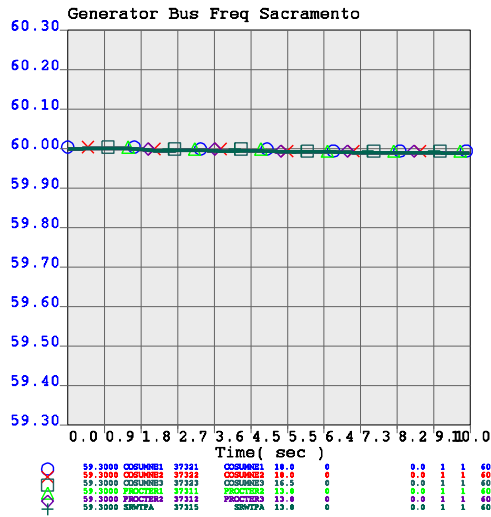


Attachment 3

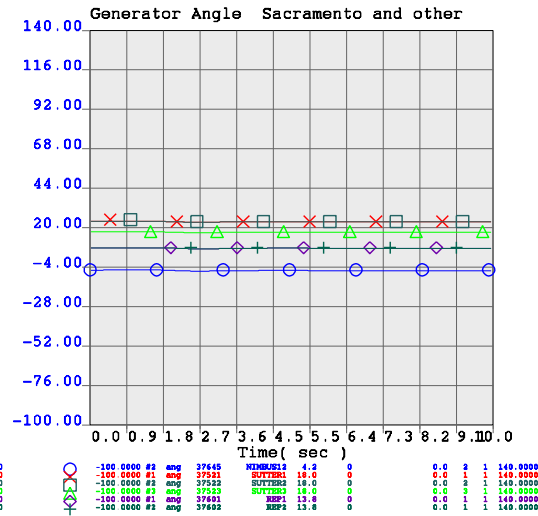
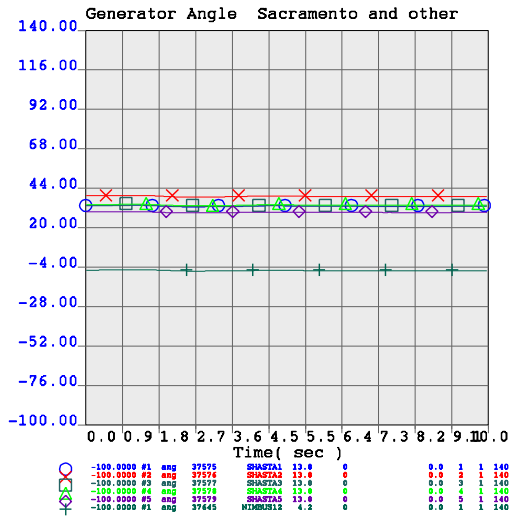
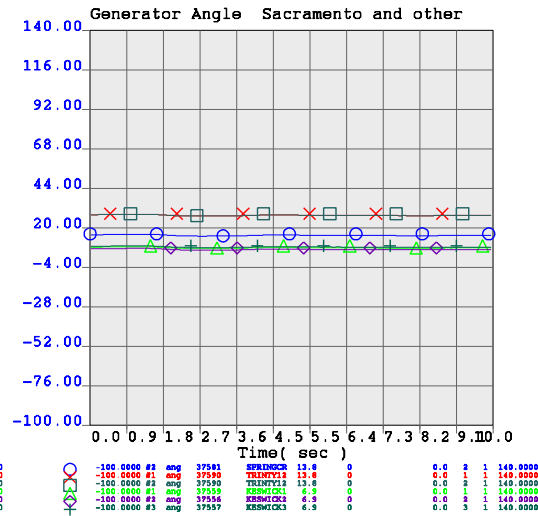
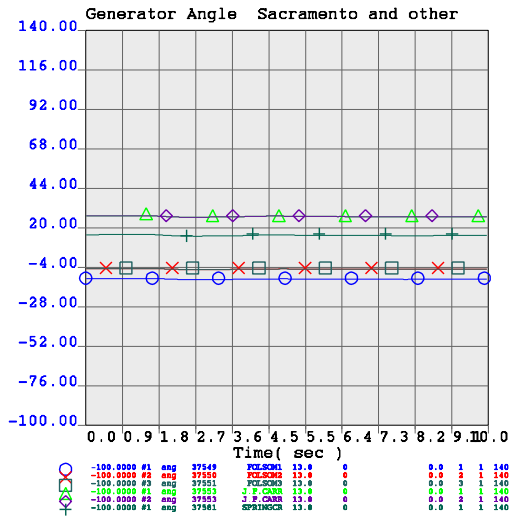
Figure 3-3

All Lines in Service

Stability Plots for Sacramento Valley



Generator Rotor Angle



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11HS2A APPROVED OPERATING CASE
NOVEMBER 2, 2010



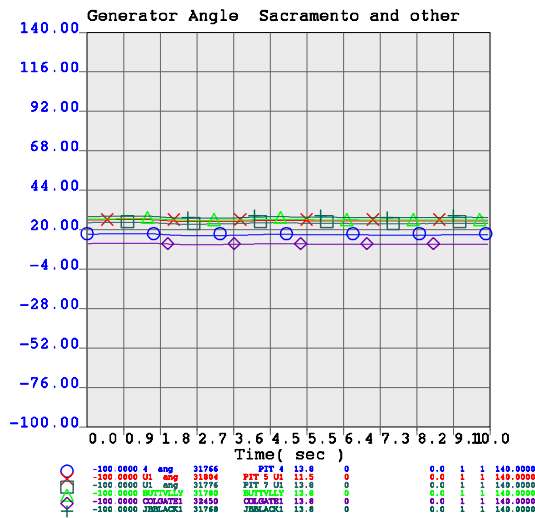
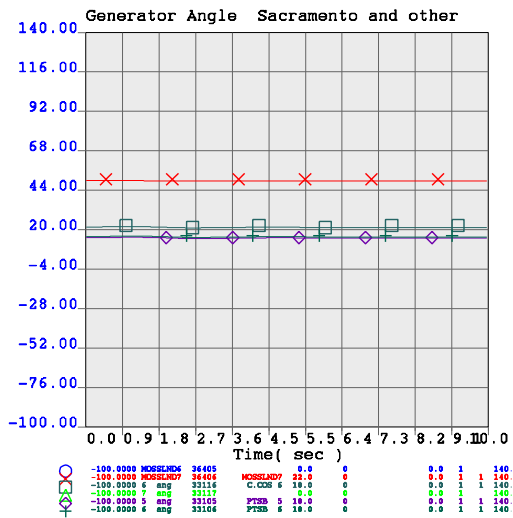
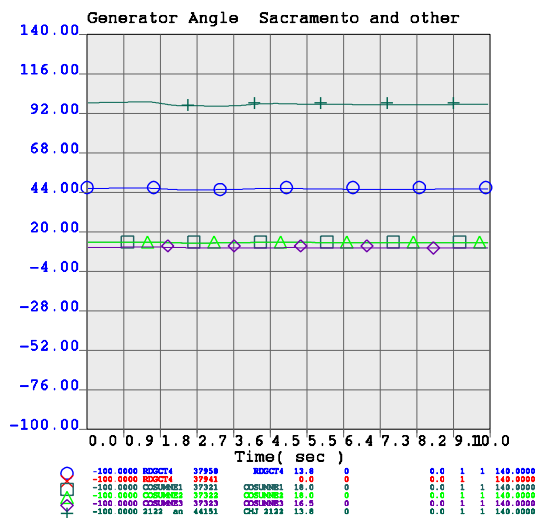
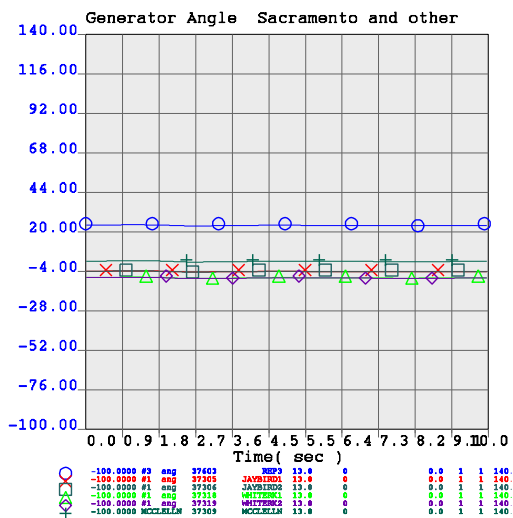
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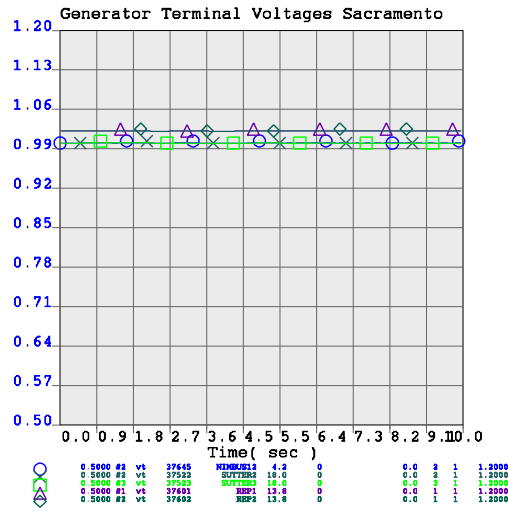
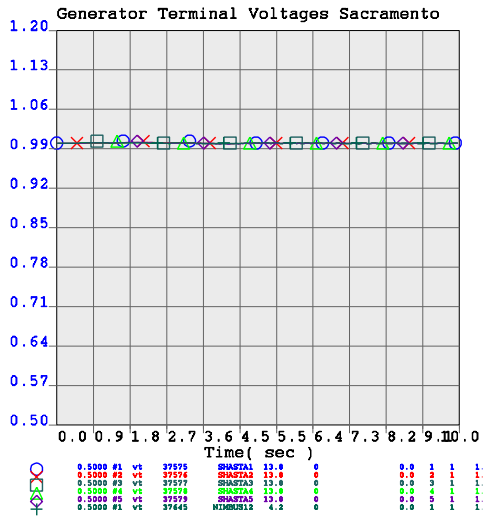
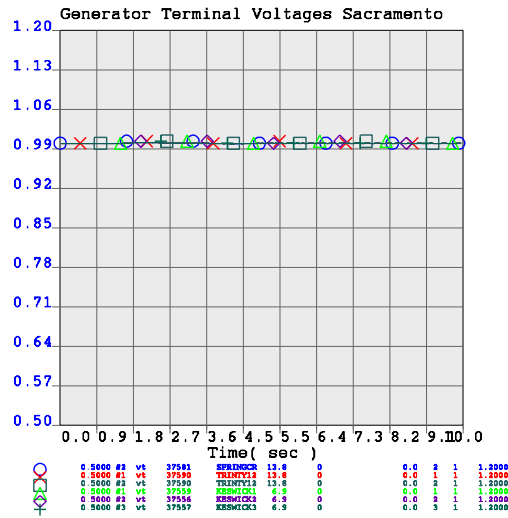
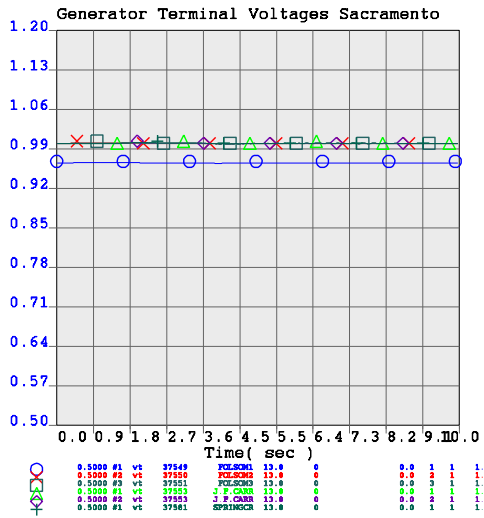
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Generator Rotor Angle



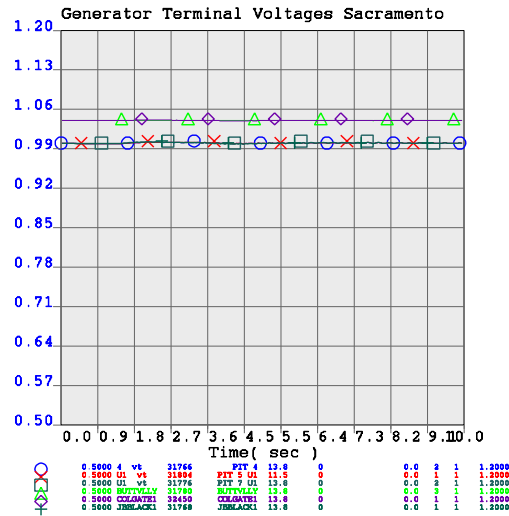
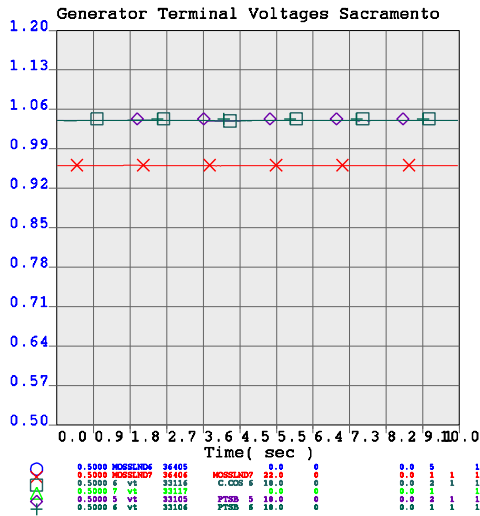
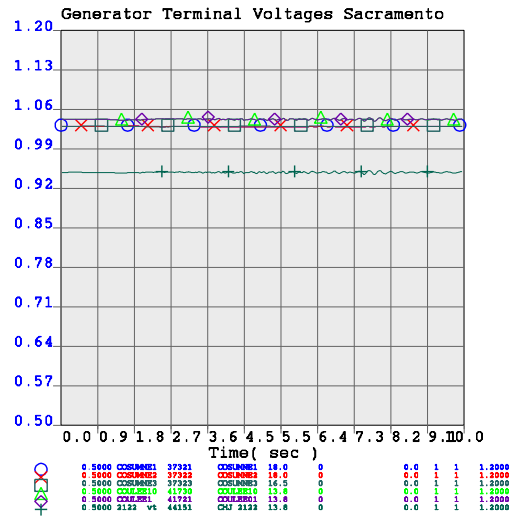
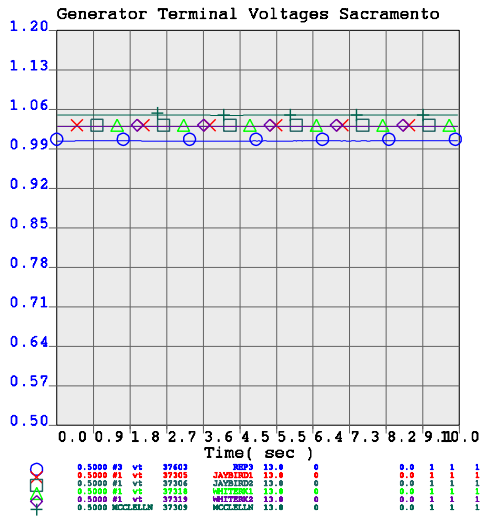
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Generator Terminal Voltage



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Generator Terminal Voltage



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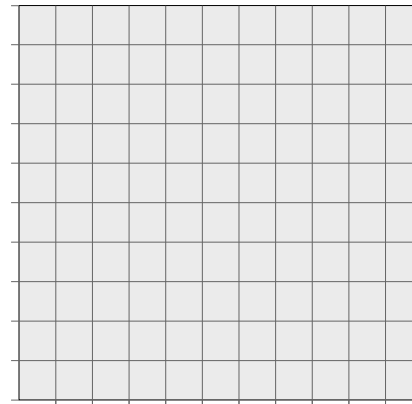
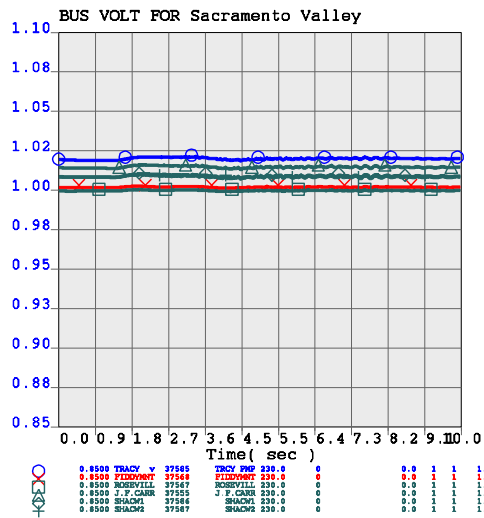
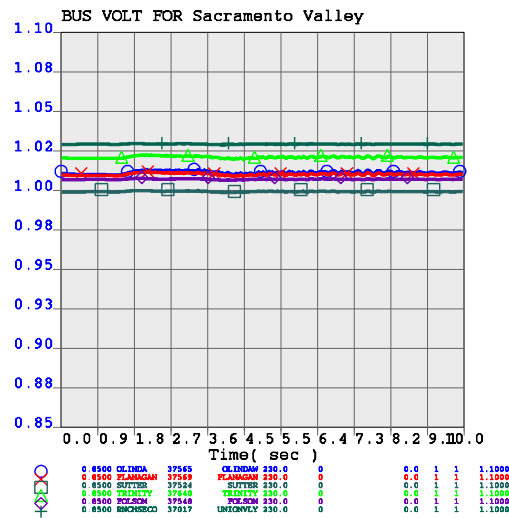
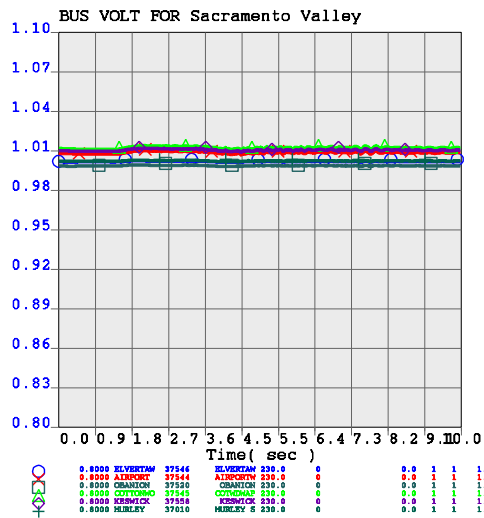
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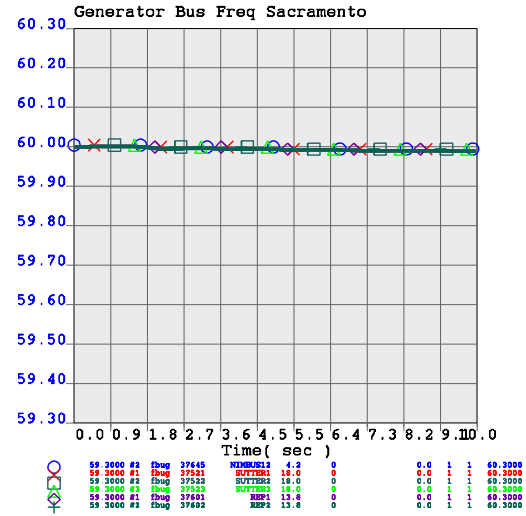
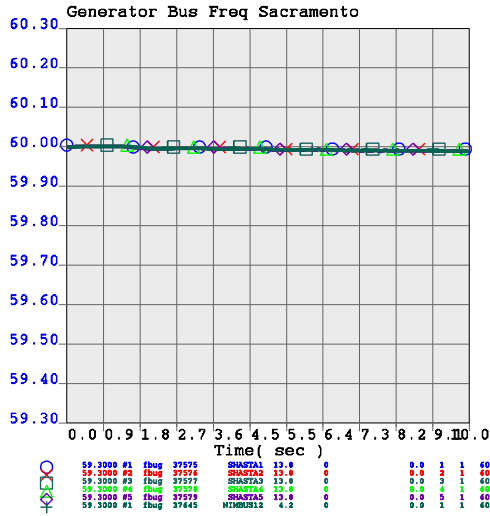
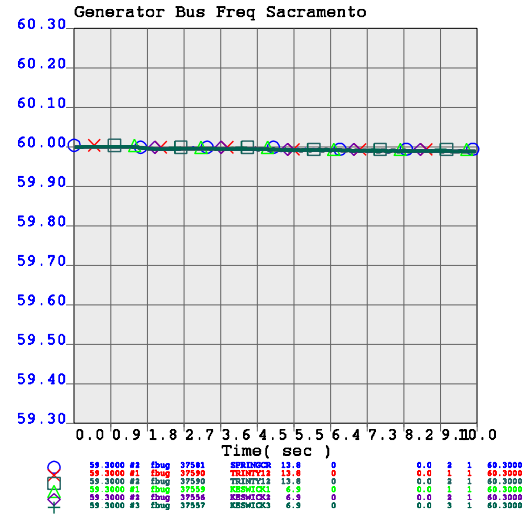
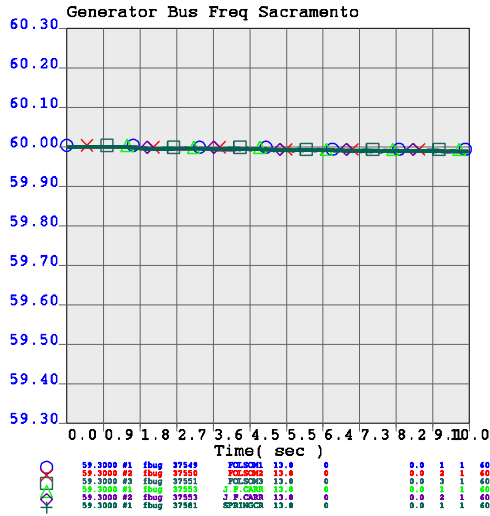
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Bus Voltages



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Stability Plots for Sacramento Valley



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