**Western Area Power Administration Sierra Nevada Region**

**2009**

**Annual Ten-Year Transmission Plan Assessment Report**

**Report Attachment 6**

**NERC Planning Standard TPL-004**

**October 30, 2009**

For information or questions regarding this Transmission Assessment Report, please contact Larry Tobias via (916) 353-4766 or email at [Tobias@wapa.com](mailto:Tobias@wapa.com)

## Attachment 6: Category D (NERC Planning Standard TPL-004): Extreme Events Outages (N-2 plus) Power Flow , Post-Transient and Dynamic Stability Plots

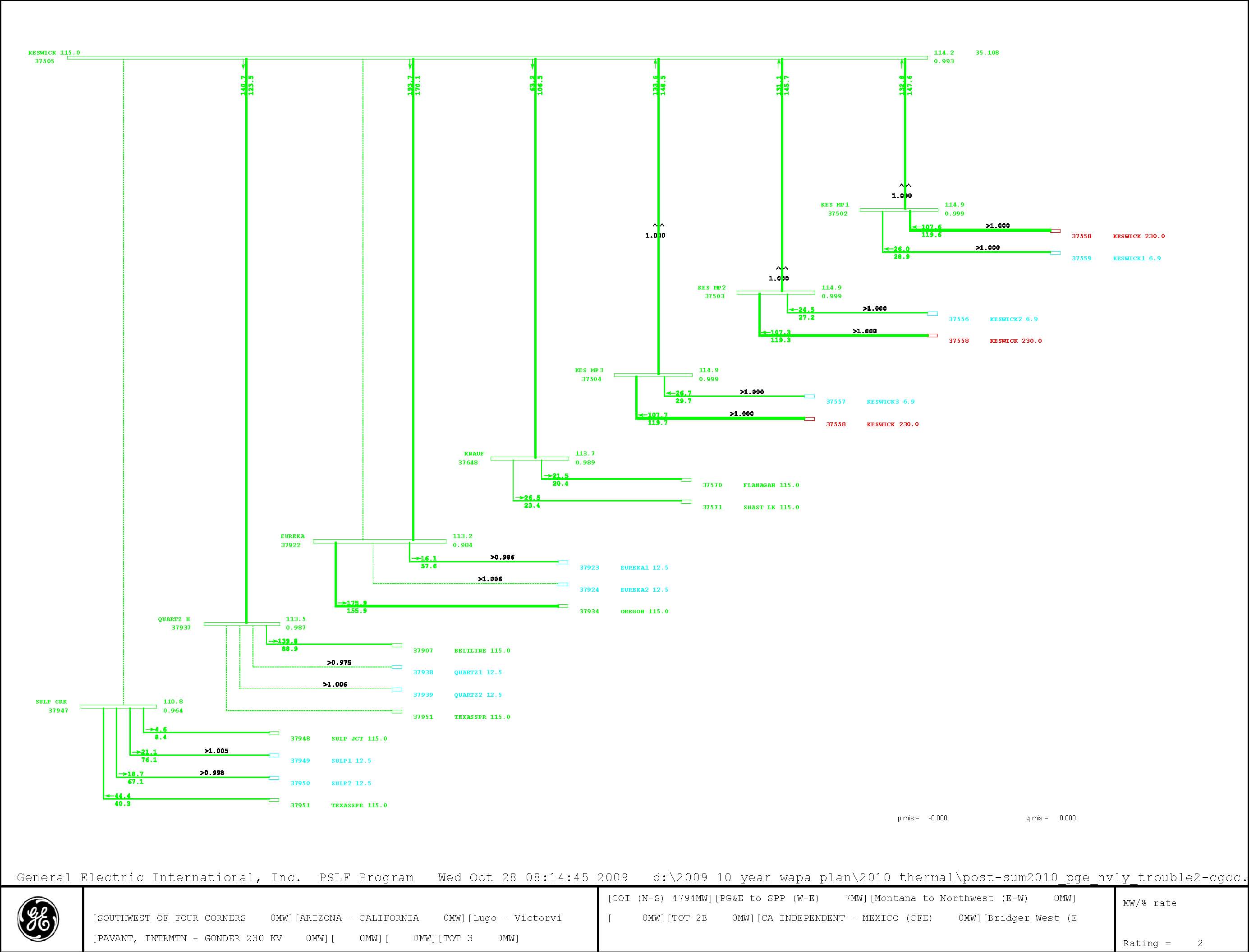


Figure 6-1

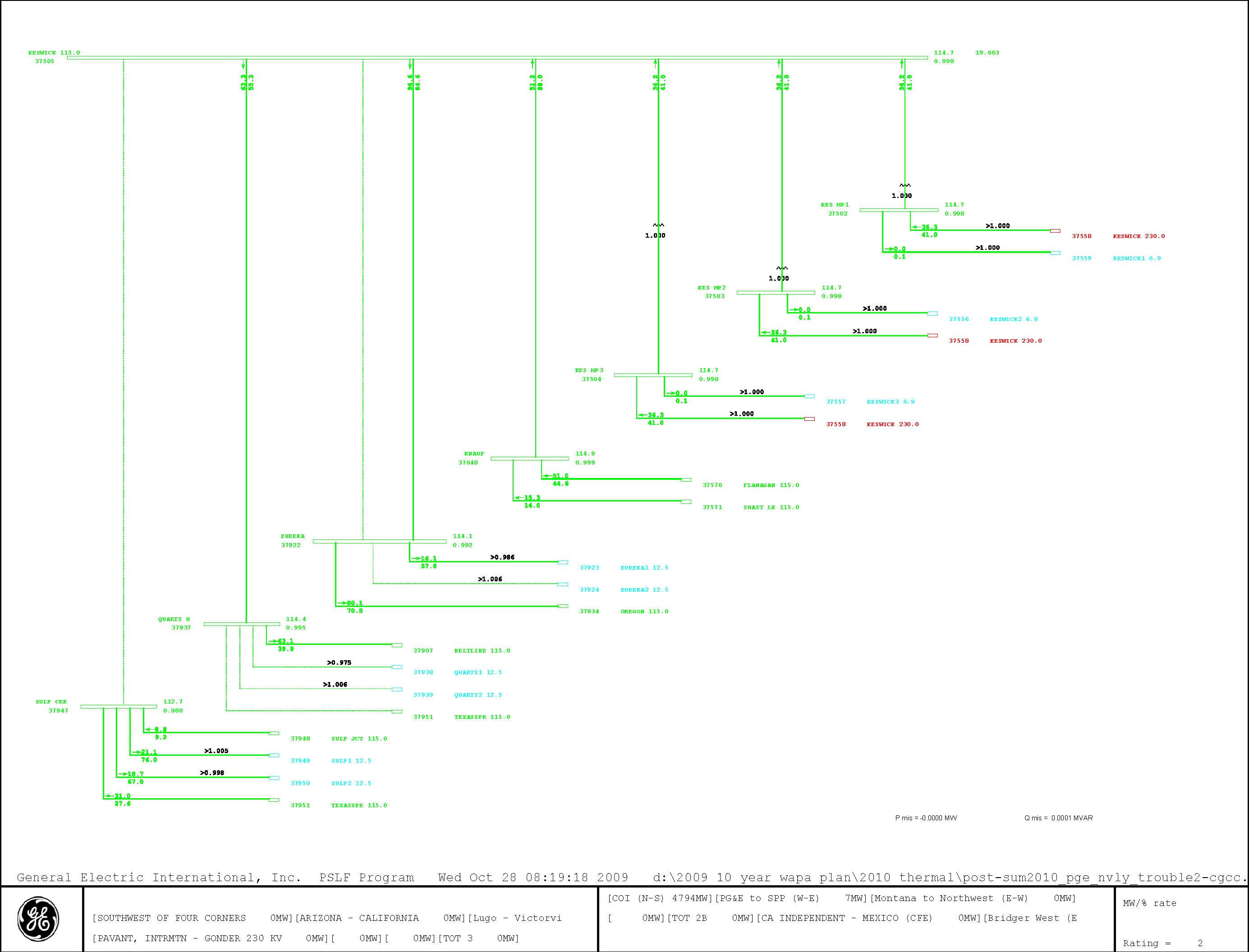


Figure 6-2

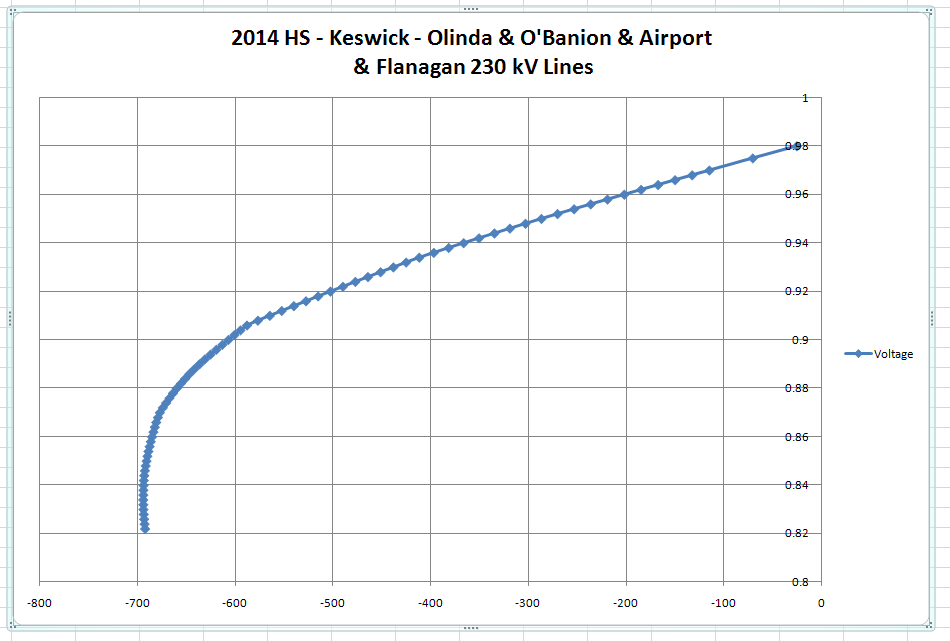


Figure 6-3 ElvertaW 230 kV Voltage

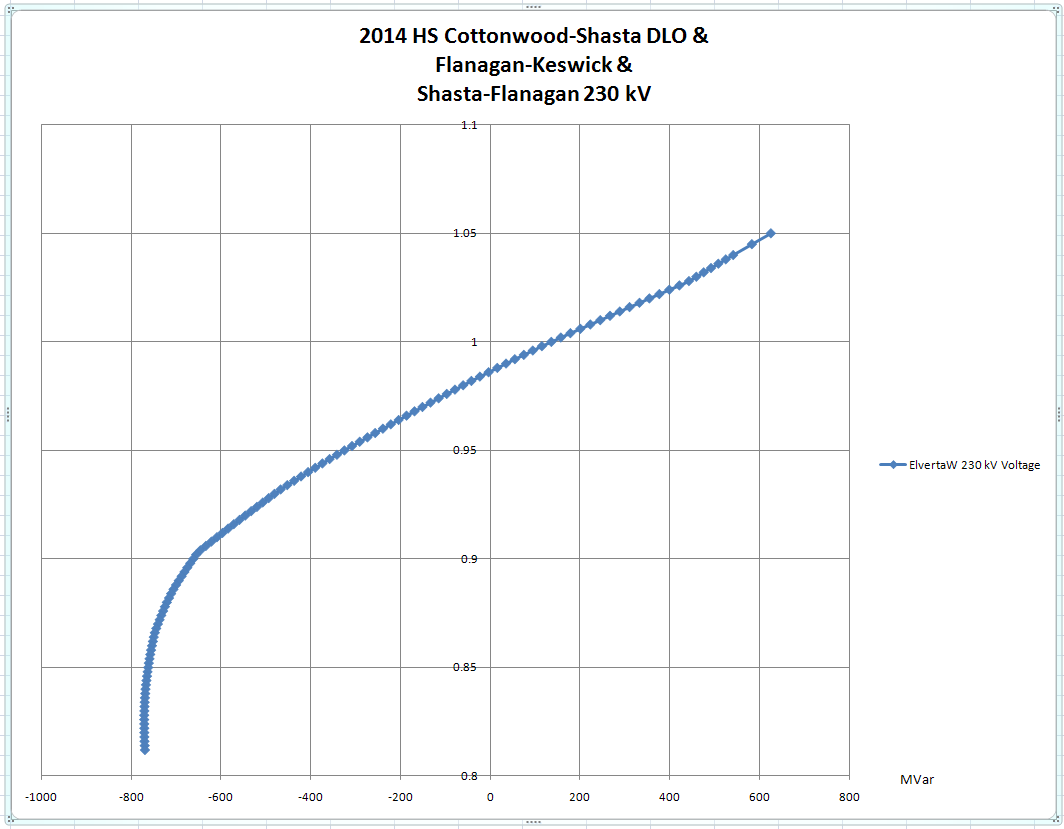


Figure 6-4 ElvertaW 230 kV Voltage

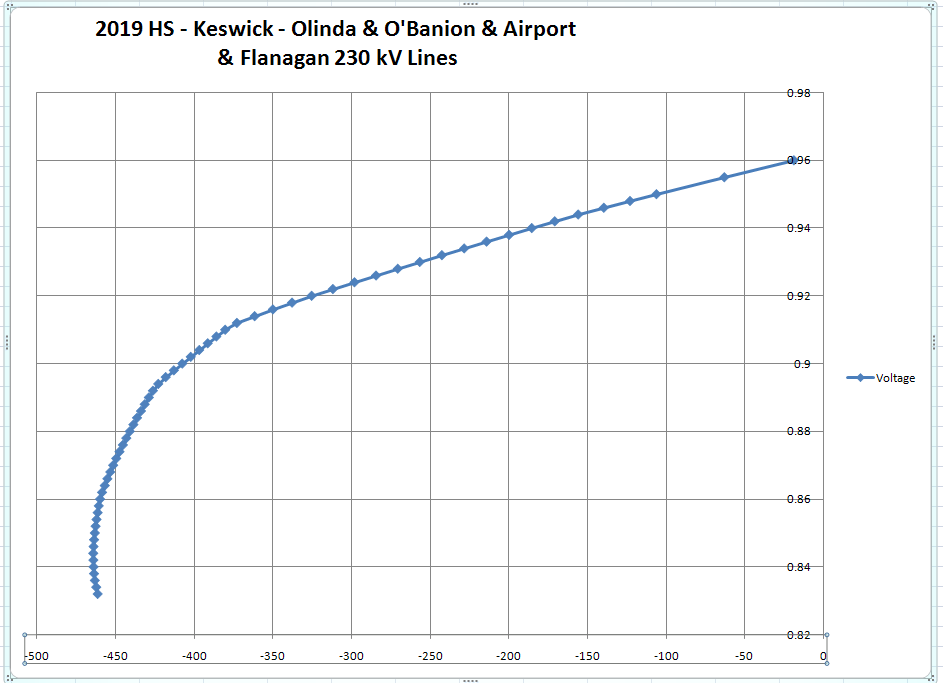


Figure 6-5 ElvertaW 230 kV Voltage

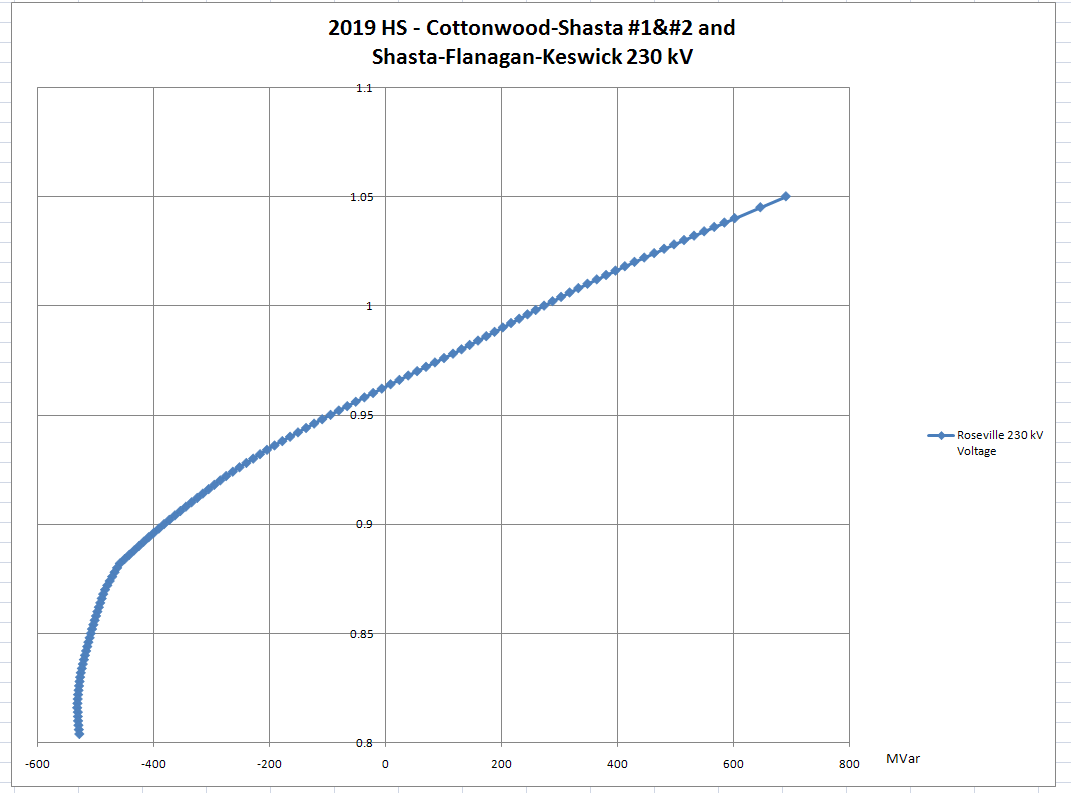


Figure 6-6 Roseville 230 kV Voltage

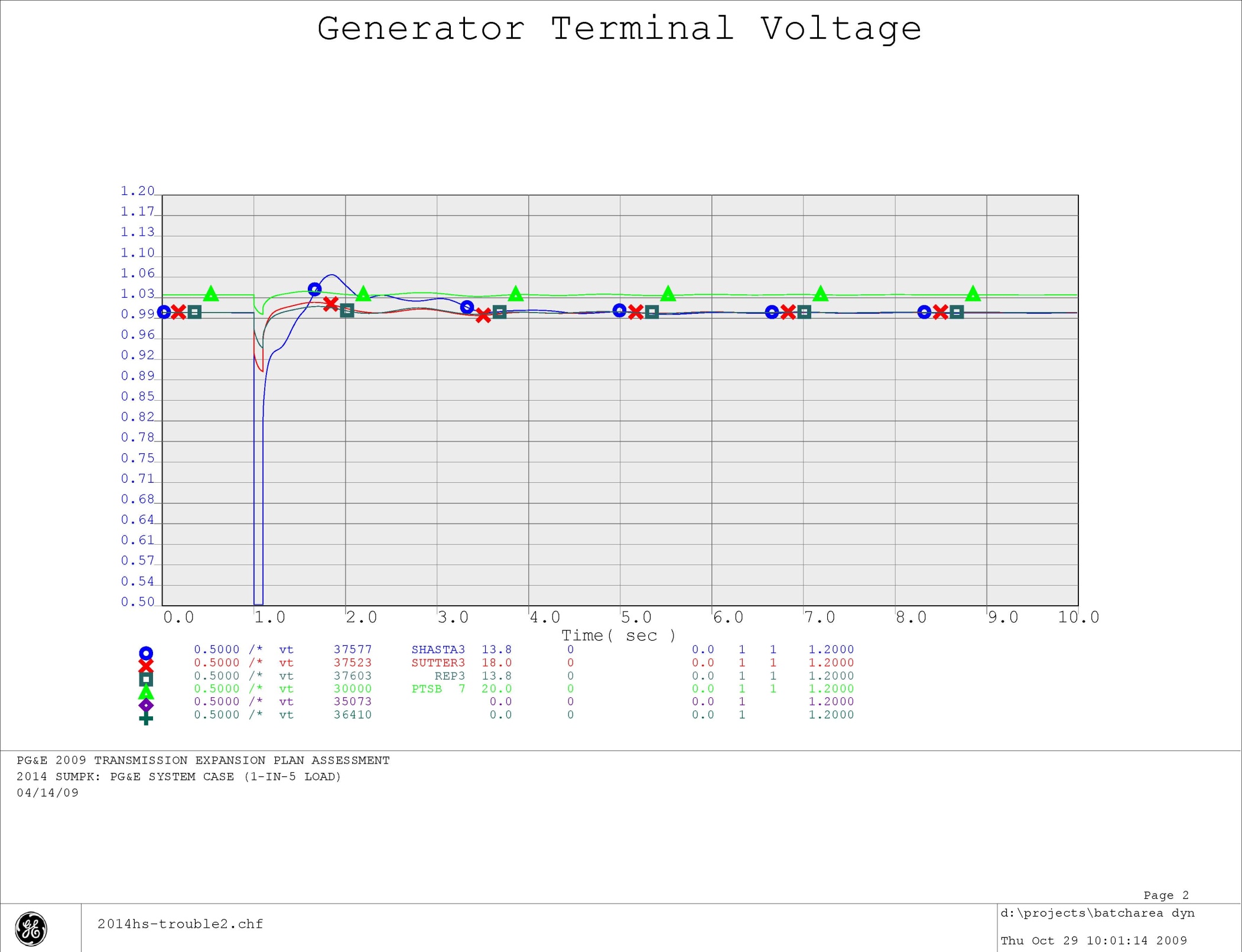


Figure 6-7 2014 HS - Keswick - Olinda & O'Banion & Airport & Flanagan 230 kV Lines

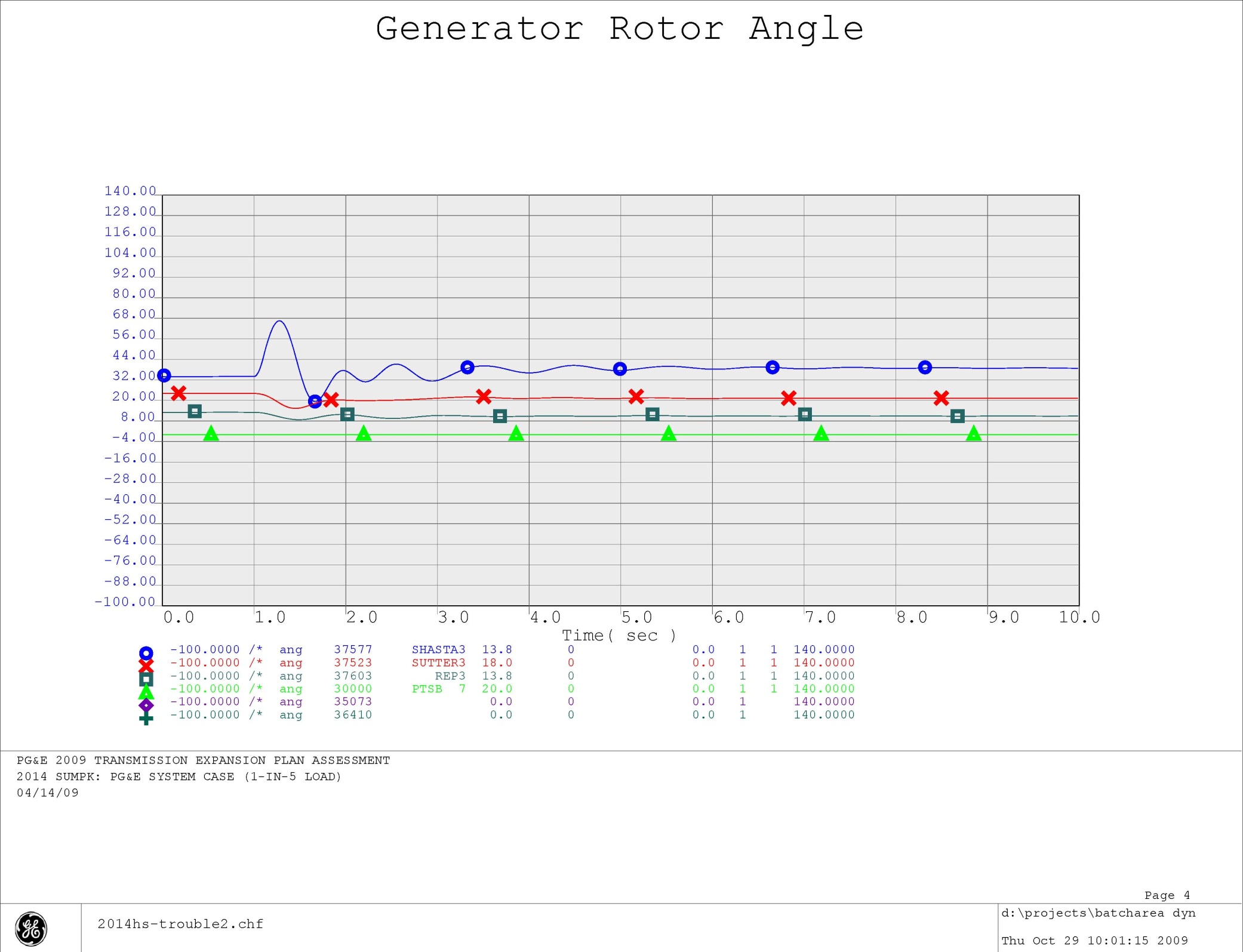


Figure 6-8 2014 HS - Keswick - Olinda & O'Banion & Airport & Flanagan 230 kV Lines

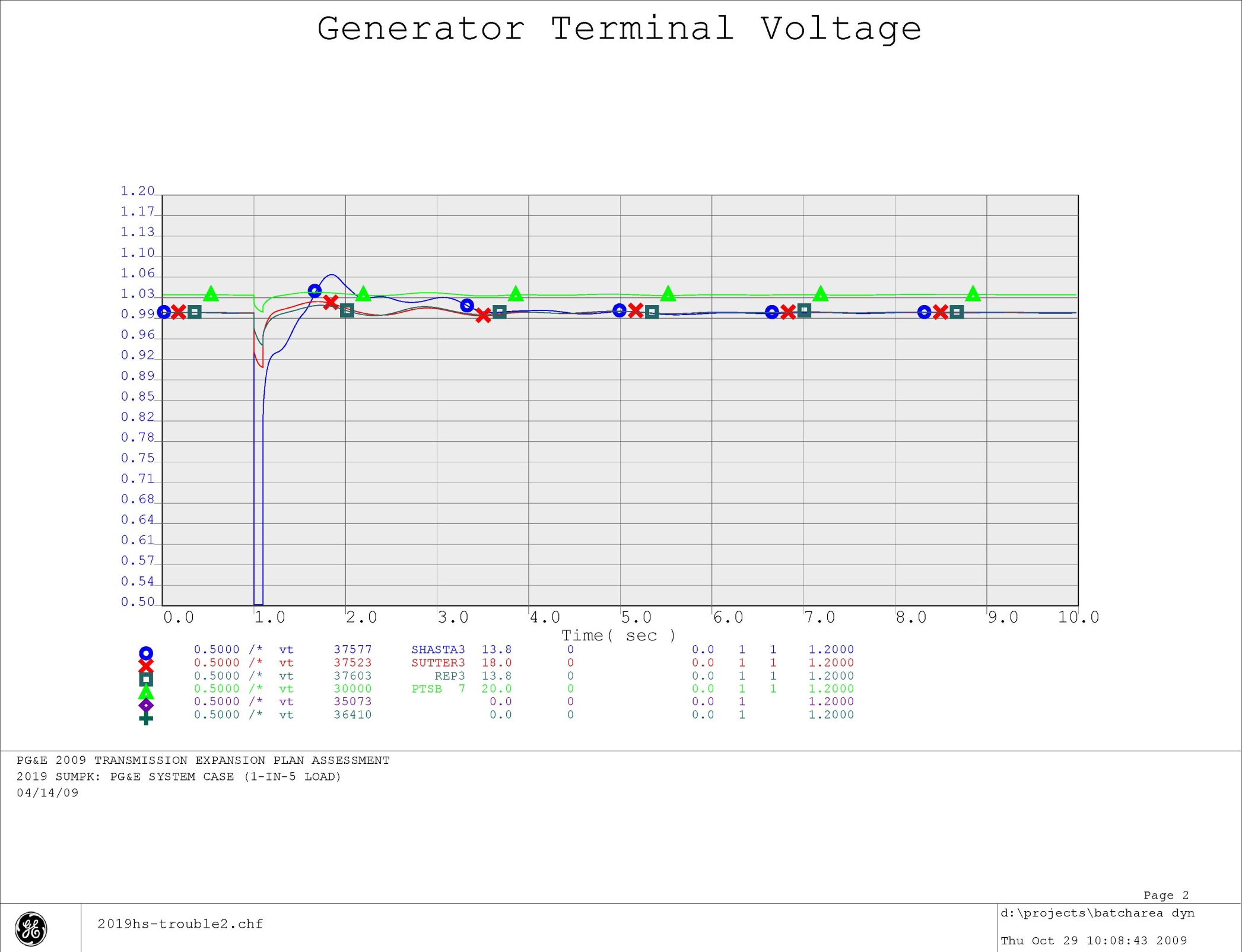


Figure 6-9 2019 HS - Keswick - Olinda & O'Banion & Airport & Flanagan 230 kV Lines

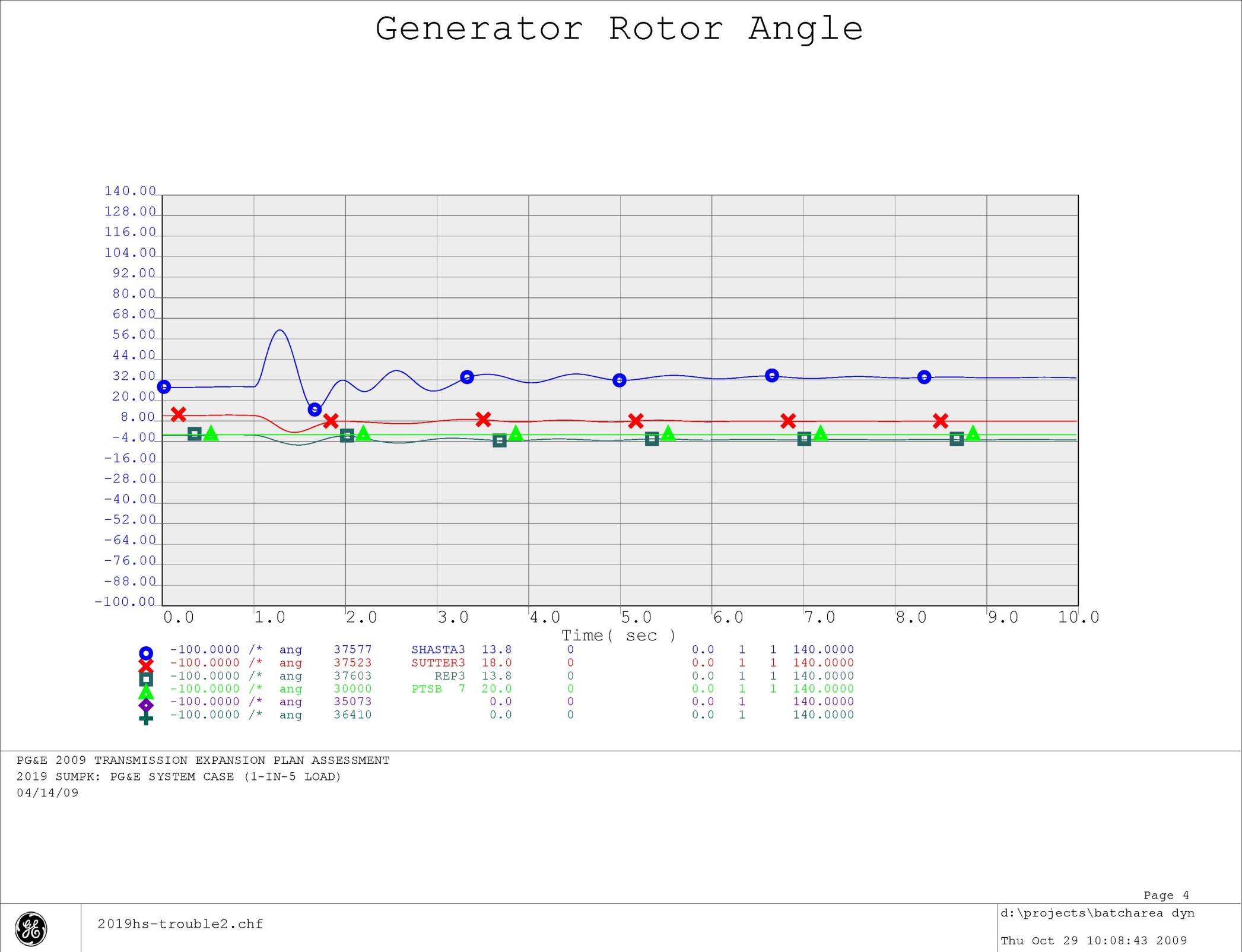


Figure 6-10 2019 HS - Keswick - Olinda & O'Banion & Airport & Flanagan 230 kV Lines