Aug. 27, 2019. Dear Friends of the Texas Synchrophasor Network: To catch up somewhat on events, here are the 22 most significant unit trips in ERCOT thus far in 2019. We’ll be sending monthly updates more regularly now. Regards, Mack Grady.
Sponsored by Schweitzer Engineering Labs and ERCOT

PMUs

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<th>Angle Ref</th>
<th>Add Angle Correction</th>
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CERCOT_100430_140000000.csv

Selected Minute = 2019/04/30 14:57:00.000

3 Minute Window

VOLTAGE PHASE ANGLE, REFERENCE PMU = AUSTIN

Max
004.4

Vangle

Min
003.0

Max
009.49

Freq

Min
059.86

Max
059.99

VOLTAGE MAGNITUDE

Vmag pu

Min
000.98

Max
001.01

FFT Hz

00.4

FFT MAG of VOLTAGE PHASE ANGLE, PMU = MCDONALD

FFT Hz

02.0

FFT Min = 0.0000
FFT Max = 0.503
Freq of FFT Max = 0.4

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PMUs

Include

WRAG

WACO

AUSTIN

NCDONALD

UT_RIOGRANDE

Add Angle

Correction

180

0

-120

-180

Voltage Phasor Diagram (First and Last Seconds)

Frequency

Vmag pu

Voltage Phase Angle, Reference PMU = AUSTIN

Max

004.3

Min

000.0

Max

060.00

Freq

Min

059.87

Max

001.02

Voltage Magnitude

FFT Relative Strength

FFT Hz

0.20

FFT Hz

0.40

FFT Min = 0.0000

FFT Max = 0.595

Freq of FFT Max = 0.6