

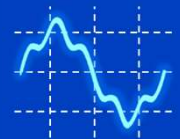
AGENDA

- 1:00 – Introductions & Overview
- 1:15 – User Updates
 - TVA PQ Project Update
 - Using miMD for PRC-002 Compliance
 - GTC Fault Trace Tool & EDDC Project
- 2:15 – What's New in PQ at GPA
- ▶ 2:30 – TrenDAP Demo
- 3:00 – Break
- 3:15 – EPRI Update
 - TrenDAP Project
 - Cap Bank Analytics Improvements
 - SPC Tools
- 3:45 – OpenMIC Improvements
- 4:00 – Roundtable and Open Discussions
- 5:00 - Adjourn



tcooke@epri.com

TrenDAP
open-source trending-data analytics platform



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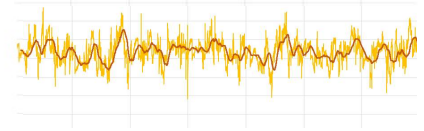
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TrenDAP

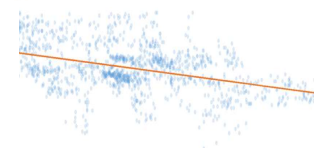
open-source trending-data analytics platform

- An open-source software component as part of the Open PQ Dashboard suite of products.
- Design requirements from collaborative utility funders and EPRI
- Developed by Grid Protection Alliance
- Objective of the tool is to integrate, analyze, and report trend data from a multitude of PQ and other data parameters to enable quick and informed decision-making.
- Flexible and Extensible Design: Customizable workspace with various analytical *widgets*.
- For more information:
 - EPRI PM: Tom Cooke, tcooke@epri.com
 - TVA PM: Tony Murphy, ammurphy@tva.gov

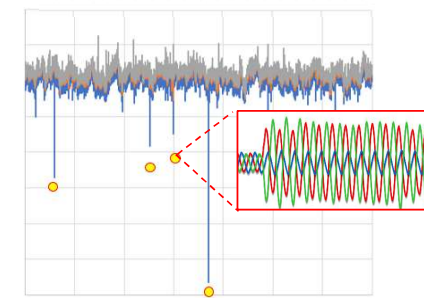
Plotting and Aggregation



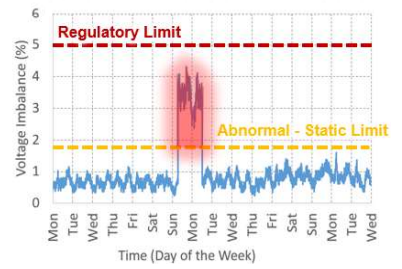
Correlation Analysis



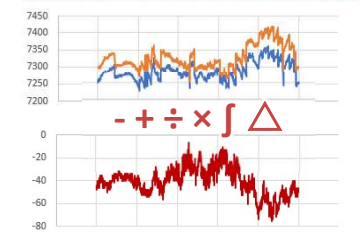
Link to Fault Events



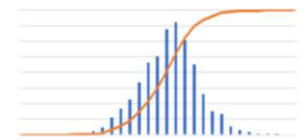
Statistical Process Control

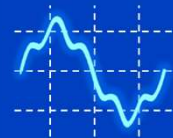


Common Math Functions



Statistical Analysis





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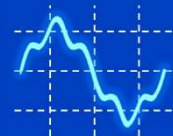


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PQ Dashboard Suite of Products Supplemental Participants

- Dominion-SC
- Duke Energy
- Georgia
Transmission
- Salt River Project
- Southern Company
- Tennessee Valley
Authority





Schedule



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	2020				2021						
Month	July	Aug	Sept	-	Feb	Mar	May-Jun	July	Aug	July-Dec	Dec
TrenDAP Software Task	Requirements	Design	Develop			Alpha TVA / Demo	BETA Assess & Training	Address Feedback & Edits	Potential Phase-2 Requirements	Develop	Deliver v1.0