Preventing Electrical System Pollution Before It Happens: The Electrical Pollution Screening (EPS) Program

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Hooking an XML Database

- Company data can be loaded from an XML database
 - Substations
 - Conductors
 - Transformers
- Data can also be manually specified



Entering System Data

- All typical equipment is loaded via XML files created from existing databases or spreadsheets
- User is free to select from existing data or specify unique values for everything























Present Status and Future Work

- The tool is presently used by engineers in PacifiCorp
- Detailed training manuals have been developed for both users and support personnel
- Technical enhancements are planned for flicker and harmonics so that more advanced conditions may be evaluated
- Public-domain distribution is being considered for the benefit of the industry at large
 - Some nominal fee may be charged and support is likely to not be provided to individuals
- A users-group forum is being considered where support needs can be addressed and future developments can be considered