

2019 PLS-CADD Advanced Training and User Group

Importing Data into PLS-CADD

by

Kevin Brzys

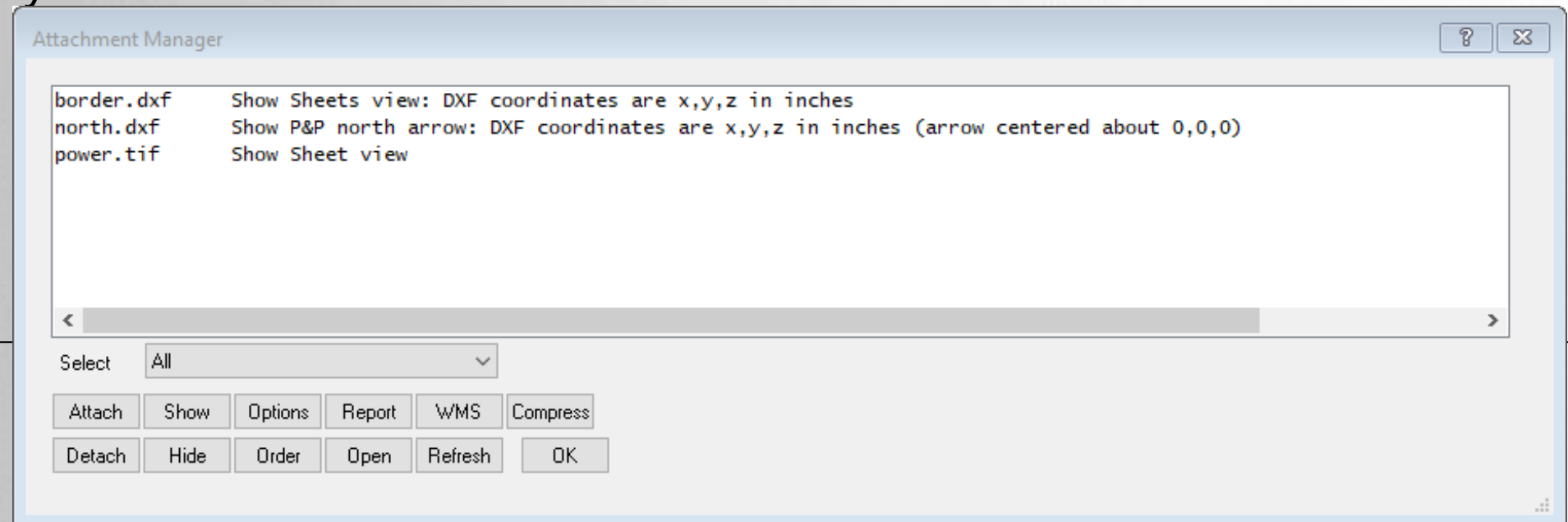
Power Line Systems

Introduction

- Importing Data into PLS-CADD
 - Attachments
 - Terrain Information
 - Import Points From Internet
 - Other
- Demo

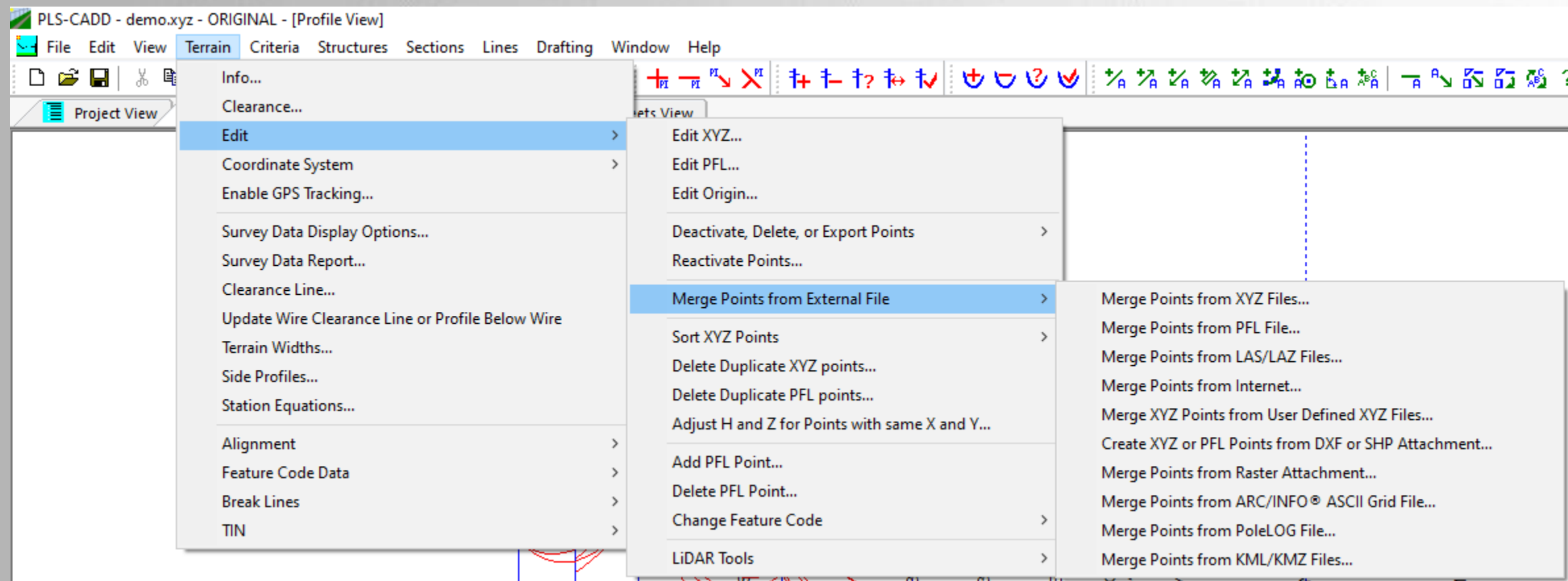
Attachments

- Menu command
 - **Drafting/Attachments (Raster and Vector)/Attachment Manager...**
 - Vector files: .dxf, .shp
 - Raster Images: .bmp, .tiff, .ecw, jpeg, .jp2, .png, .dib
 - Tech note <https://www.powline.com/products/photos.html>
 - WMS Raster Images
 - Video <https://www.youtube.com/watch?v=Abtd40dClzo>



Terrain Data

– Terrain/Edit/Merge Points from External File



Merge Points from Internet

Terrain/Edit/Merge Points from External File/Merge Points from Internet... First available in version 15.57 (beta) and will be in version 16.00 and will import SRTM data.

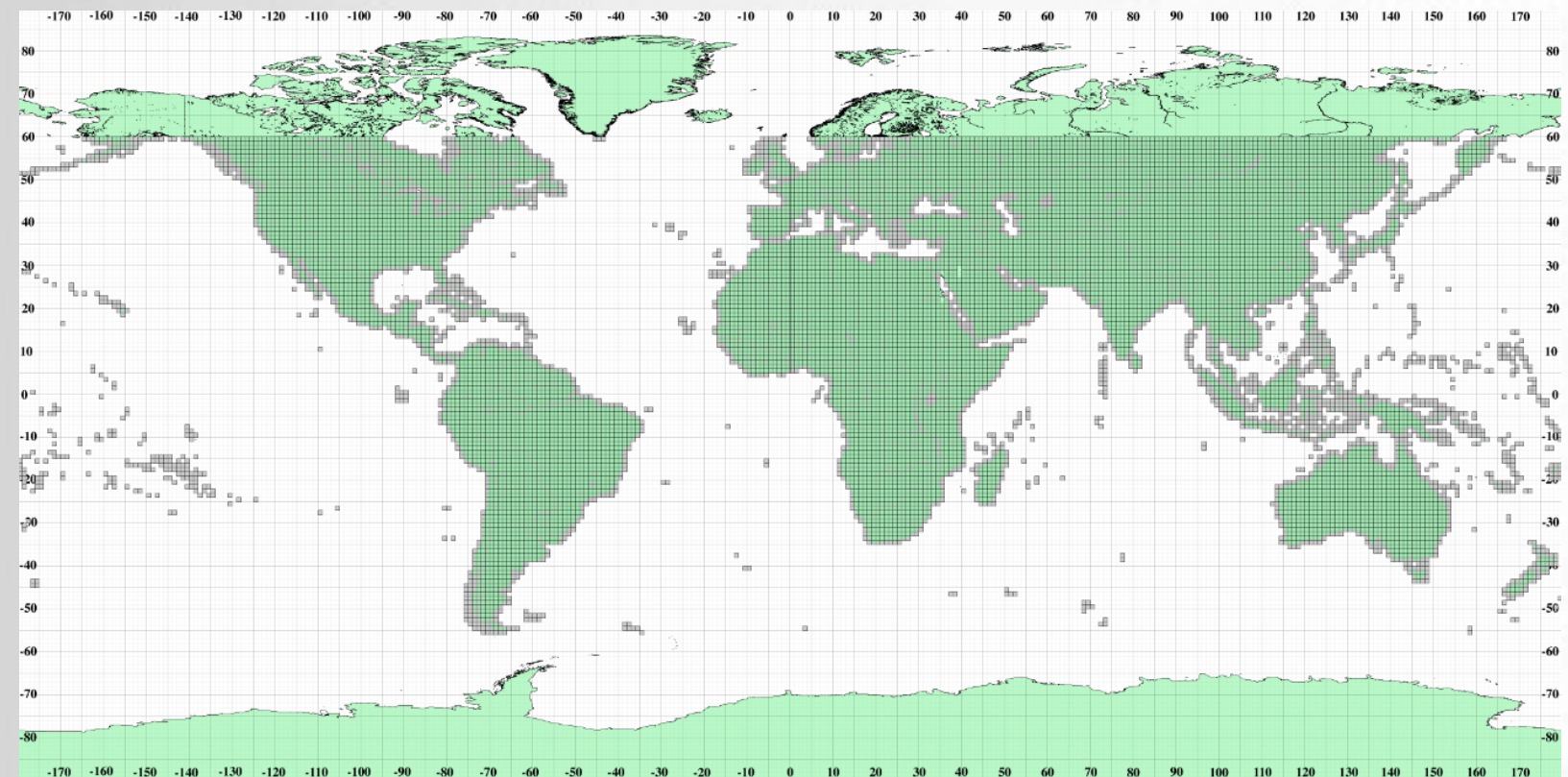
The **Shuttle Radar Topography Mission (SRTM)** is an international research effort that obtained digital elevation models on a near-global scale from 56°S to 60°N

<https://www2.jpl.nasa.gov/srtm/>

This command can also be used to import user terrain data & databases. See D.3.1.1 of PLS-CADD Manual.

Video on feature

<https://www.youtube.com/watch?v=ERPMWbNY2Gk>



Other Data Import Options

- PLS-CADD Manual – topic search

- Search bar or “?” in dialogs



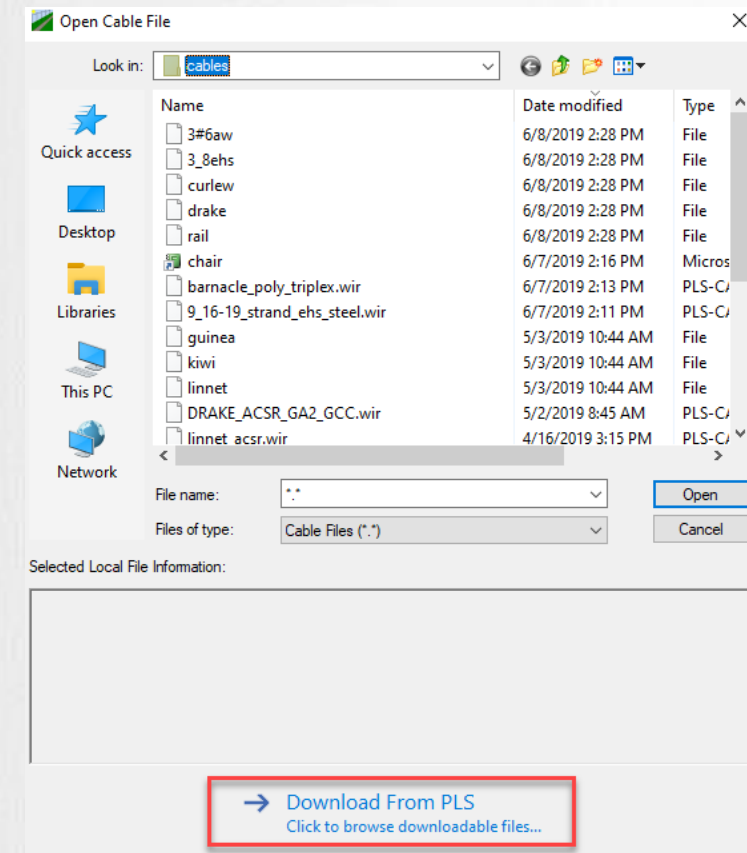
- TIN Import From LandXML file

- Import Break Lines from DXF or SHP Attachment

- Material Databases

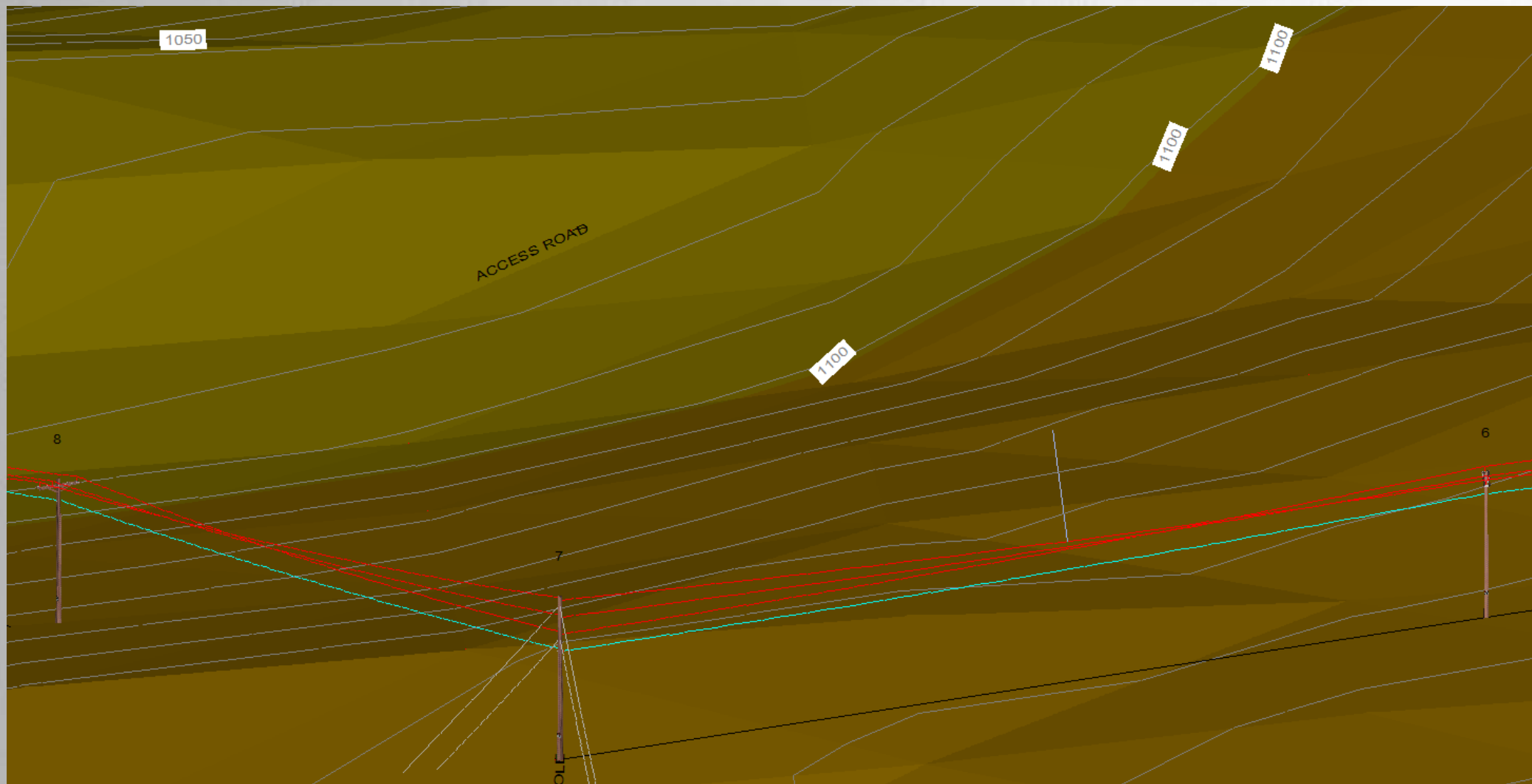
- File/Import

- Cable and Criteria files from our website



Demo – Preliminary route of overhead Line

- Scope
 - Develop preliminary route for a new line to help New Glarus Brewing



Power Line Systems

IT'S ALL ABOUT YOUR POWER LINES

Advanced Sag & Tension
NESC
Structural Analysis
Pole Analysis
Transmission
Project Estimating
FAC 003
1000+ Users in 100+ Countries
IEEE
TOWER
Line Ratings
Drafting
Storm Hardening
Joint Use
ASCE
Vegetation Management
NERC Ratings
PLS-CADD[®]
CENELEC
Materials Management
IEC
FAC 008/009
LiDAR Modeling
CSA
Distribution
Line Optimization
GO95
PLS-POLE

Finish

POWER LINE[®]
S Y S T E M S

IT'S THE SOLUTION