

	Power Delivery <u>UG Lateral Conceptual Guidelines</u>		
		Rev #:	1.0
		Date:	05-01-2019

Format

1 RSV Screenshot

- Existing facilities (Show OH devices & UG devices)
- Turn premises off for screenshot
- Screenshot needs to be clear and of good resolution

2 Information to Include

- Lateral Locator Number (LLN)
 - Clearly mark the lateral fuse that is being worked on
- Description
- Legend
- Additional Info:
 - North Arrow (correctly displayed)
 - # of proposed PMTXs to be installed
 - Estimated length of proposed primary cable
 - Estimated length of OH conductor to be removed

3 Propose Route

- Draw proposed route of new facilities
- Use different colors for phases, secondary, service
 - Show secondary and service for European Design

4 Proposed calculations and loop loading:

- Use estimated kVA per DERM 5.3.1, Table VI – URD Loading Table
 - 1st stage, 13 & 23 kv URD loops should be fused at 80 AMP
 - The fuse applications are listed according to the operating voltages.
A future 23 kV loop will be fused the same as a 13 kV loop.
- Provide loop loading calculations, for larger laterals provide a table of loop loading per phase

5 Naming Convention

- Save File as PDF
- Substation Name_FDR Number_LLN_Date