



# Sub Regional RTEP Committee Western Region ComEd

October 26, 2018

Need Number: COMED-2018-001

Meeting Date: 10/26/2018

Process Stage: NEED

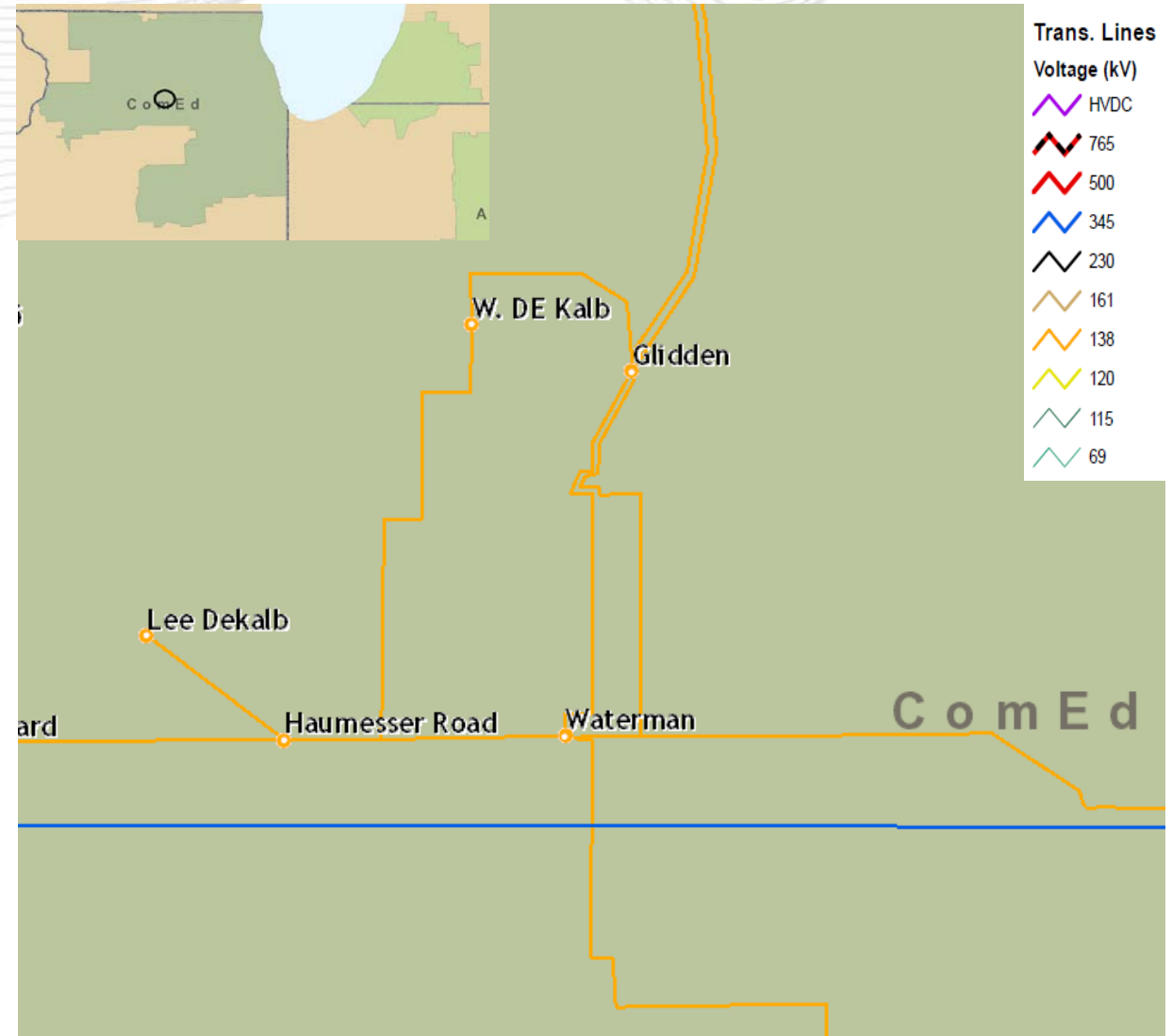
Supplemental Project Driver: Customer Service

**Problem Statement:**

- New customer has requested transmission interconnection in the DeKalb area
- 18MW
- Customer has large motors

**Specific Assumption References:**

- January 30 2018 ComEd Annual Assumptions
  - New transmission customer connections



Need Number: COMED-2018-002

Meeting Date: 10/26/2018

Process Stage: NEED

Supplemental Project Driver: Infrastructure Resilience

**Problem Statement:**

Electromechanical relays on 138kV lines 13505 and 13506 at Elmhurst:

- Thermally limiting the line
- Do not allow real time data gathering of relay events
- Replacements and spare parts are becoming scarce

**Specific Assumption References:**

- January 30 2018 ComEd Annual Assumptions
  - Infrastructure replacement due to obsolescence resulting in increased capacity; consistent with efficient asset management decisions.



Need Number: COMED-2018-003

Meeting Date: 10/26/2018

Process Stage: NEED

Supplemental Project Driver: Equipment Material Condition

**Problem Statement:**

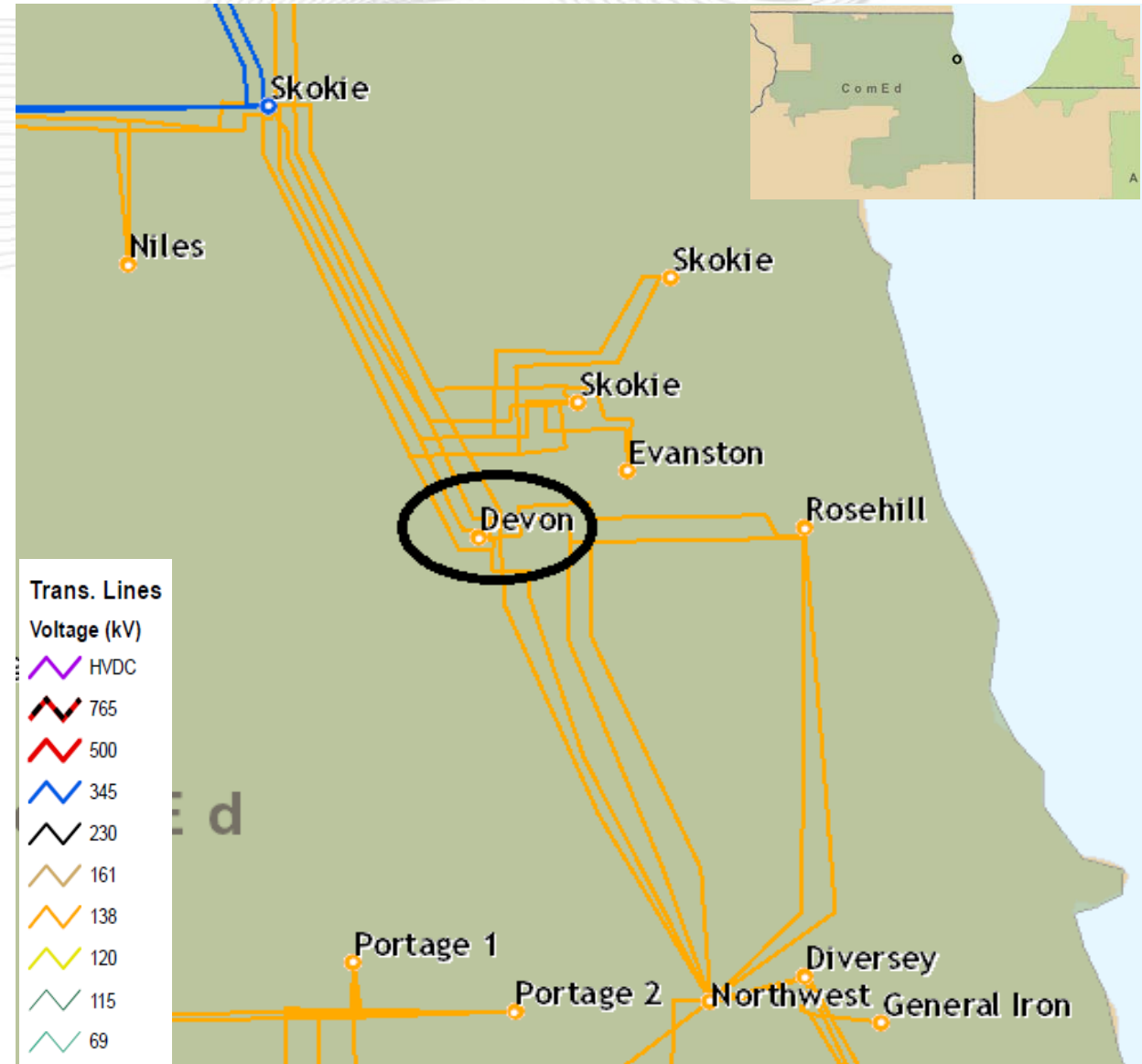
Devon TR72 needs to be replaced due to material condition

- Transformer has internal arcing
- Transformer is gassing
- LTC headboard is cracking and leaking oil
- Increasing maintenance costs

The failure of TR72 causes the outage of 138kV line 8809

**Specific Assumption References:**

- January 30 2018 ComEd Annual Assumptions
  - Infrastructure replacement due to obsolescence resulting in increased capacity; consistent with efficient asset management decisions.





# Revision History

10/16/2018 – V1 – Original version posted to pjm.com

10/29/2018 – V2 – Slides #2 - 4 , updated maps

- 3/19/2019 – V3 – Slides #2, Change COMED-2018-0001 to COMED-2018-001
- Slides #3, Change COMED-2018-0002 to COMED-2018-002
- Slides #4, Change COMED-2018-0003 to COMED-2018-003