



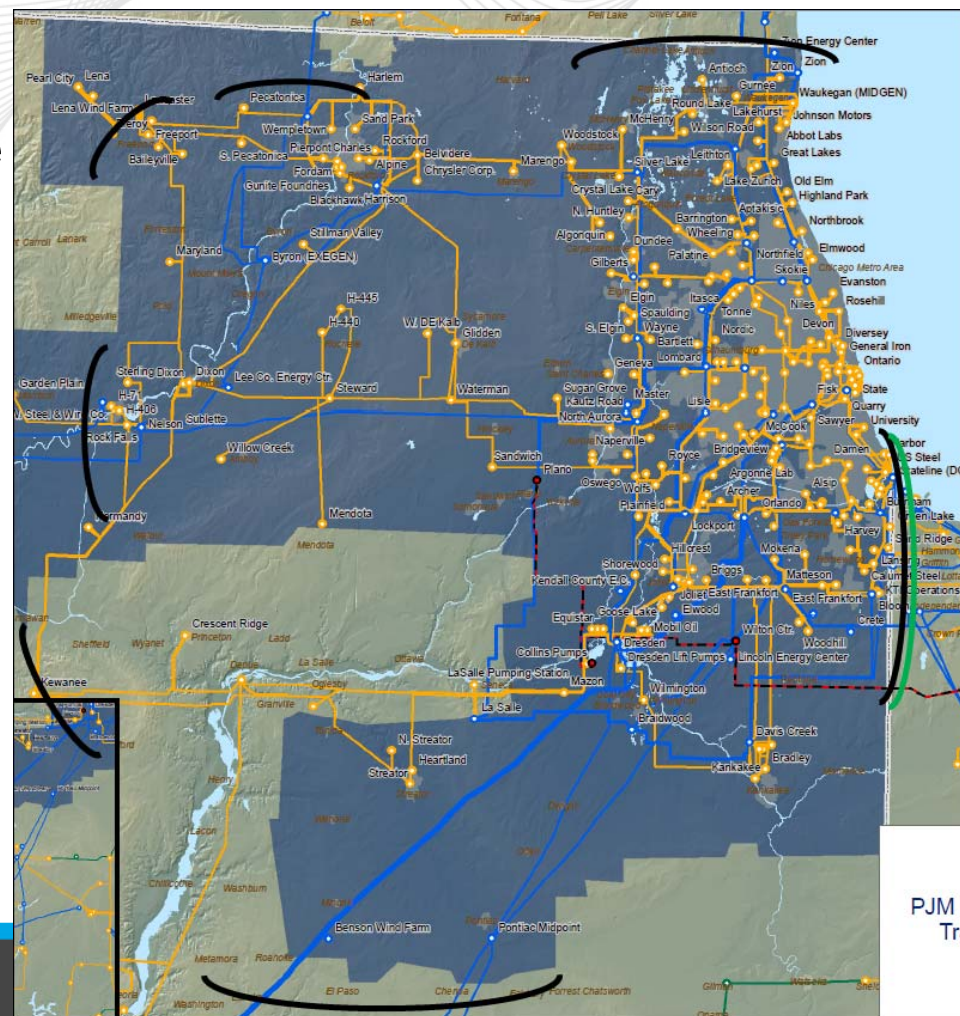
# Changes to the ComEd Reactive Transfer Interface Definition

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- Interface implemented in June 2013
  - Definition composed of all ComEd tie lines (closed loop)
  - Interface is used to monitor and to control for reactive issue when the zone is importing (peak summer conditions)
  - Interface has not bound in real-time
- New Interface definition will be changed to six EHV lines
  - Implementation will be made effective March 1, 2016
  - New interface will be on the ComEd eastern border
  - New interface will be named “CE-EAST”

- Reasons for change
  - Create an opened-loop interface
    - Certain generators in MISO generation can help with voltage issues in Chicago / M2M.
  - Generators near the Chicago load center should have higher raise-help dfax than units in the west and in the south.
  - Overall generation and dfax mix in the new CE-EAST interface better manage voltage issues during peak load conditions.
  - Flows increase on the eastern lines when the load is high.

- Interface Definition – “from-to” substations
  - 1) Dumont-Wilton Center 765 kV line
  - 2) Olive-University Park 345 kV line
  - 3) St. Johns-Crete 345 kV line
  - 4) Sheffield-Burnham 345 kV line
  - 5) Sheffield-Stateline 345 kV line
  - 6) Munster-Burnham 345 kV line



Interface Definition		
B1/Station	B2/Voltage	B3/Name
DUMONT2	765 KV	DUM-WIL1
OLIVE	345 KV	OLI-UNI1
MUNSTER2	345 KV	BUR-MUN1
SHEFFIELD	345 KV	STA-SHE1
SHEFFIELD	345 KV	BUR-SHE1
STJOHNS	345 KV	CRE-STJ1

- Operational Impact
  - Minimal, same as today/summer only
  - More efficient controlling actions
- Manual Changes
  - Manual-03 was published on 12/1/15 with new name and definition
  - Manual-37 will be published to reflect new IROL name

# Questions?



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