

# Astoria East-Corona-Jamaica Load Pocket Operation under SMD2

*ISO Market Structures WG*

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# Astoria-Corona-Jamaica Load Pocket Operation

➤ **Background:**

- ▶ Hellgate load shifted from Astoria East to Astoria West Load Pockets (Hellgate 138/13kV banks 1 and 4)
- ▶ Hellgate – Astoria 138kV feeders typically more frequently constraining
- ▶ Legacy code freeze during SMD2 development prevented redefining load pocket

➤ **Legacy definition:**

- ▶ LP defined as:
  - (2) East 179St – Hellgate 138kV feeders [#15053 / #15054]
  - (2) Hudson Avenue – Jamaica 138kV feeders [#701 / #702]

➤ **SMD2 definition :**

- ▶ LP defined as:
  - (2) Hellgate -Astoria 138kV feeders [#34051 / #34052]
  - (2) Hudson Avenue – Jamaica 138kV feeders [#701 / #702]

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## NYC Load Pocket Operation under SMD2

- **DAM:**
  - ▶ Individual transmission facilities will continue to be secured
  - ▶ Cable normal ratings = normal facility ratings
  - ▶ Cable contingency ratings = midpoint (LTE, STE) facility ratings
  
- **RTM:**
  - ▶ Day 1 SMD2 operation will use nine (9) load pockets as done today
  - ▶ Future SMD2 operation will move to securing individual transmission facilities as in the DAM – cutover dates to be announced
  
- **Benefits:**
  - ▶ More efficient NYC load pocket constraint management; improved load pocket DAM and RTM price convergence