| List of Facilities | | | | | | | |
|--------------------|-------|------------------------------|---|---|--|--|--|
| Zone | PTID | Limiting Facility - lower kV | <u>Typical</u> <u>Contingency(s)</u> | Modeled as secured before EMS/BMS, after EMS/BMS, or not at this time | Secure in the Markets | Reason | Mitigation Rules |
| West | 25267 | 101 Niagara- Lockport | NR2 Niagara- Rochester or SR1- 39 Kintigh- Rochester | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 25103 | 102 Niagara- Lockport | NR2 Niagara- Rochester or SR1- 39 Kintigh- Rochester | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 25104 | 180 Niagara- Gardenville | TWR Packard 77/78 (Packard Sawyer) | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 25075 | 191 Niagara Packard | 192 Niagara- Packard | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 25099 | 192 Niagara Packard | TWR Niagara 61 & 191 | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 25100 | 193 Niagara Packard | SCB 1414 Niagara (BK T2 & 195) | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 25101 | 194 Niagara Packard | SCB 1414 Niagara (BK T2 & 195) | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 25102 | 195 Niagara Packard | 193 Niagara- Packard or 194 Niagara-Packard | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 25409 | Niagara BK T1 | TWR Packard 77/78 (Packard Sawyer) | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 25410 | Niagara BK T2 | TWR Packard 77/78 (Packard Sawyer) | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 26059 | 130 Packard- Huntley | base case | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 25906 | 129 Packard- Walck Rd | base case | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 26055 | 181 Packard- Erie St | TWR Packard 77/78 (Packard Sawyer) | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 26056 | 182 Packard- Gardenville | TWR Packard 77/78 (Packard Sawyer) | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 25414 | Packard BK3 | NR2 Niagara- Rochester or SR1- 39 Kintigh- Rochester | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |

| List of Facilities | | | | | | | I |
|--------------------|-------|-----------------------------------|--|---|--|---|---|
| Zone | PTID | Limiting Facility - lower kV | <u>Typical</u> <u>Contingency(s)</u> | Modeled as secured before EMS/BMS, after EMS/BMS, or not at this time | Secure in the Markets | <u>Reason</u> | Mitigation Rules |
| West | 26153 | 133 Huntley Zimmerman | TWR Packard 77/78 (Packard Sawyer) | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 26047 | 38 Huntley- Gardenville | TWR Packard 77/78 (Packard Sawyer) | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 26044 | 39 Huntley- Gardenville | TWR Packard 77/78 (Packard Sawyer) | before EMS/BMS | Targeting December 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) 2) Niagara generation modeling updates are needed for this facility | Current mitigation rules are expected to accomodate modeling this facility |
| West | 26038 | 141 Dunkirk- Gardenville | TWR 73 & 74 Dunkirk- Gardenville | Not at this time | Not proposed to add at this time | The line is secured through line sectionalization | In addition to market software enhancements to model line sectionalization, mitigation rule enhancements for reliability committed resources and traditional load pockets would be needed to model this facility in the market software |
| West | 26037 | 142 Dunkirk- Gardenville | TWR 73 & 74 Dunkirk- Gardenville | Not at this time | Not proposed to add at this time | The line is secured through line sectionalization | In addition to market software enhancements to model line sectionalization, mitigation rule enhancements for reliability committed resources and traditional load pockets would be needed to model this facility in the market software |
| Capital | 25860 | 1 Albany - Greenbush | 2 Albany - Greenbush | Not at this time | Not proposed to add at this time | The local TOP uses line sectionalization to secure this facility, which cannot be modeled in the market software at this time. However, transmission upgrades planned to take place by summer 2019 mean that frequent out of market actions triggering the addition of this facility will no longer be an issue | Current mitigation rules are expected to accomodate modeling this facility |
| Capital | 25868 | 2 Albany - Greenbush | 1 Albany - Greenbush | Not at this time | Not proposed to add at this time | The local TOP uses line sectionalization to secure this facility, which cannot be modeled in the market software at this time. However, transmission upgrades planned to take place by summer 2019 mean that frequent out of market actions triggering the addition of this facility will no longer be an issue | Current mitigation rules are expected to accomodate modeling this facility |
| Genesee | 25096 | 24 Mortimer- Pannell | RP1 Rochester- Pannell or RP2 Rochester- Pannell | before EMS/BMS | Targeting November 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) | Current mitigation rules are expected to accomodate modeling this facility |
| Genesee | 25095 | 25 Mortimer- Pannell | RP1 Rochester- Pannell or RP2 Rochester- Pannell | before EMS/BMS | Targeting November 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) | Current mitigation rules are expected to accomodate modeling this facility |
| Central | 25080 | 977 Farmington- Border City | 1 Pannell-Clay or 2 Pannell-Clay | before EMS/BMS | Targeting November 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) | Current mitigation rules are expected to accomodate modeling this facility |
| Capital | 26122 | 15 Mohican- Battenkill | 1 Spier Falls- Rotterdam or 2 Spier Falls- Rotterdam | before EMS/BMS | Targeting November 2018; the NYISO will issue a progress update on this facility by August 7, 2018 | A modeling update is needed for this facility (breakers modeled as normally open as a topology update to split the bus) | Current mitigation rules are expected to accomodate modeling this facility |
| Mohawk Valley | 26076 | 3 Browns Falls- Taylorville | 7040 Chat- Massena & MSU1 Massena-Marcy or 4 Browns Falls- Taylorville or TWR Moses MA1/MA2 | before EMS/BMS | May 2018 | | Current mitigation rules are expected to accomodate modeling this facility |

| | List of Facilities | | | | | | | |
|------------------|--------------------|--------------------------------|--|---|--------------------------|--------|--|--|
| <u>Zone</u> | PTID | Limiting Facility - lower kV | Typical Contingency(s) | Modeled as secured before EMS/BMS, after EMS/BMS, or not at this time | Secure in the Markets | Reason | Mitigation Rules | |
| Mohawk Valley | 26077 | 4 Browns Falls- Taylorville | 7040 Chat- Massena & MSU1 Massena-Marcy or 3 Browns Falls- Taylorville or TWR Moses MA1/MA2 | before EMS/BMS | May 2018 | | Current mitigation rules are expected to accomodate modeling this facility | |
| Mohawk Valley | 26075 | 5 Taylorville- Boonville | 6 Taylorville- Boonville | before EMS/BMS | May 2018 | | Current mitigation rules are expected to accomodate modeling this facility | |
| Mohawk Valley | 26070 | 6 Taylorville- Boonville | 5 Taylorville- Boonville | before EMS/BMS | May 2018 | | Current mitigation rules are expected to accomodate modeling this facility | |