

2020 IRM Study – Sensitivity Cases Final

Case	Description	Reason
0	2019 IRM Preliminary Base Case	
1	NYCA isolated	Track Total NYCA Emergency Assistance (EA) ¹
2	No internal NYCA transmission constraints	Track level of NYCA congestion w/r/t IRM model
3	No load forecast uncertainty	Shows sensitivity of IRM to load forecast uncertainty
4	No wind capacity	Shows wind impact and can be used to understand EFORD sensitivity
5	No SCRs	Shows sensitivity of IRM to SCR resources
6	IP2 in-service	IP2 is scheduled to retire 4/30/2020 but is not yet retired
7	Cricket Valley out-of-service	Cricket Valley is expected in service by 6/2020 but is not yet in-service
8	Retire Somerset (PTID 23543, Zone A)	NYS environmental regulations may cause coal-fired facility retirements
9	SCR MWs based on event performance	NYSRC ICS is evaluating whether to change the method it uses to measure SCR performance
10	Model HQ to NY 80 MW EDR	Scheduled to enter into service in spring 2021
11	IP3 out-of-service	Scheduled to retire in 2021

The following case will be performed on the Preliminary Base Case for informational purposes only (i.e., not expected to be relevant for the 2020 IRM study). The NYSRC Executive Committee has setup a working group to determine how to evaluate future resource adequacy and Installed Reserve Margin concerns. The working group’s first meeting is scheduled for August 6, 2019 and will discuss the appropriate forum for the high renewable scenario.

- High renewable penetration (4,000 MW each of onshore wind, offshore wind and solar). Study inputs discussed at 7/30/19 ICS meeting.

¹ This sensitivity will be the first sensitivity conducted and results will be reported upon completion.