

AI 11 - IRM QAQC Comments on 2021 Preliminary Base Case Parametric Results

See updated comments below the table

IRM 2021 Preliminary Base Case Parametric Results

Material Changes						
Number	Adjustment Type	Description	Impact on Margins			
			NYCA	NYC	LI	LHV
		IRM 2020 Final Base Case	18.9	83.7	101.8	98.0
1	A-K	2021 Load Forecast Uncertainty	0.68	0.48	0.65	0.55
2	A-F	DSM Wind (2014 year data replaced with 2019)	0.28	0.00	0.00	0.00
3	A-F	DSM ROR (2014 year data replaced with 2019)	0.11	0.00	0.00	0.00
4	A-K	Load Forecast w/BTM-NG	-0.11	0.24	1.19	0.57
5	A-F	Capacity Additions & Rerates	0.35	0.00	0.00	0.00
6	A-K	Units Removed/Deactivated	-0.45	0.26	-1.29	0.30
7	A-K	2020 Gold Book DMNC Update	0.05	0.07	-0.96	0.60
8	G-K	Cable Transition Rates	-0.25	-0.32	-0.43	-0.36
9	A-K	Topology***	0.50	-0.10	0.00	0.00
10	A-K	Transition Rates	-0.06	-0.05	-0.06	-0.05
11	A-K	Non-SCR EOPs	-0.31	-0.22	-0.30	-0.24
12	A-K	SCRs	-0.41	-0.55	-0.24	-0.59
13	A-K	Externals + Policy 5	-0.33	-0.20	-0.28	-0.31
14	A-K	QA/QC Updates*	0.15	-0.60	-0.81	-0.68
Sum of Material Changes			0.21	-0.99	-2.51	-0.23
Non Material Changes			0.02	0.01	0.02	0.01
Preliminary Base Case Parametric Results**/**			19.1	82.7	99.3	97.8

* Further QA/QC resulted in minor updates to the Preliminary Base Case:

1. Internal Transfer Limit update change: UPNYSNY forward (6,950 MW) value updated and IJ to K reverse (134 MW) value updated
2. Dynamic Limit table update: J to K table removed, IJ to K table updated from IRM 2020 to IRM 2021 values (see slides 7 & 16 from "2021-2022 IRM Proposed MARS Topology": [http://www.nysrc.org/PDF/MeetingMaterial/ICSMeetingMaterial/ICS%20Agenda%20232/AI%209.0%20-%20Preliminary_Transmission_Topology%20\(1\).pdf](http://www.nysrc.org/PDF/MeetingMaterial/ICSMeetingMaterial/ICS%20Agenda%20232/AI%209.0%20-%20Preliminary_Transmission_Topology%20(1).pdf))
3. Summer Maintenance: 25MW in Zone J and 25 MW assigned in Zone K

**The LCR values reported are neither Tan45 results nor LCR Optimizer results. The actual LCRs will be determined and approved by the NYISO's Operating Committee in January 2021 based upon the EC approved IRM and database model with modifications pursuant to Market Services Tariff Section 5.11.

***Additional analysis with Indian Point 3 unit in service and the UPNY-CONED rating reduced resulted in an updated NYCA IRM of 19.1%. The results are explained in the "2021 IRM Parametric Study: Updated analysis and results" presentation.

Non-Material Changes						
Number	Adjustment Type	Description	Impact on Margins			
			NYCA	NYC	LI	LHV
1	A-K	Group 1 - MARS Version & Combine EOP steps 2 & 3	-0.01	-0.01	-0.02	-0.01
2	A-F	Group Renewables	0.00	0.00	0.00	0.00
3	G-K	DSM Shape Solar (2014 year data replaced with 2019)	0.00	0.00	0.00	0.00
4	A-F	DSM Shape LFG (2014 year data replaced with 2019)	0.00	0.00	0.00	0.00
5	A-K	Maintenance	0.03	0.02	0.03	0.02
6	A-F	NYPA Sales	0.00	0.00	0.00	0.00
Sum of Non-Material Changes			0.02	0.01	0.02	0.01