### Action Item List for Meeting #275 – March 28th, 2023

New York State Reliability Council – Installed Capacity Subcommittee [Highlight denotes items that are behind schedule or due for the upcoming meeting]

No.	Action Item	Responsible Individual(s)	Scheduled Completion Dates	
220-1	Executive Committee requests ICS to annually track the amount (in MW for the EOP section) of public appeals used in New York	ICS	December 2023	
257-1	Develop a Scope for a Phase 4 High Renewables White Paper that includes anticipated project/technology changes and fuel mix.	B Shanahan	October 2024	
265-2	Pro/Con Presentation for potential Policy 5 changes to address new/replaced equipment cable transition rate methodology.	B. Shanahan	May 2023	

# Current White Paper Topics (For 2024 IRM Study)

White Paper Topic	Responsible	Status	Scheduled					
white Puper Topic	Individual(s)	Stutus	Completion Dates*					
Load Forecast Uncertainty / Load Shape selections (Phase 3)	M. Shuler	Working	Apr/May 2023					
EOP Review	Y. Huang	Scoping	August 2023					
Gas Constraints	Y. Huang	Scoping	December 2023					

\*Scheduled Completion Dates subject to change

#### Model Improvement work (Future/Ongoing Work):

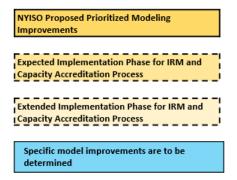
Evaluate limits on EOP activations in MARS	Ongoing
Enhance Maintenance Scheduling in MARS (Reintroduce Maintenance scheduling into MARS)	Ongoing
Evaluate uniform versus dynamic load forecast uncertainty factors & Duration/Magnitude of Peak load events	Ongoing

## Future (2023 and beyond) White Paper / Study Topics

The ICS has adopted a 5-year modeling improvement strategic plan to guide future planning for white paper topics. The strategic plan for 2022-2026 was discussed at the November 2022 ICS meeting and the prioritized initiatives are outlined below:

Modeling Themes	2022	2023	2024	2025	2026	
		LCR/TSL Improvement			ł	
1. LCR Optimizer/Tan45 Methodology			Tan45 Methodology (pending estimated impact from BTM Solar treatment)			
Methodology				Comprehensive LCR/Tan45 Review		
					Stability of IRM/LCR	
	Winter Modeling Initial Assessment	Winter Modeling Fuel Limitation Modeling				
2. Winter Reliability and			Tie and Seasonal Specific Emergency Assistance			
2. White Reliability and Modeling				Seasonal Specific Load And Topology		
					Winter Reliability & Outage Correlation	
3. Energy Limited	ELR Model Adoption	EOP Structure Review (sequance of SCR/EA)			Conclusion	
Modeling (ESR, SCR, DER, and ELR			Modeling of DER			
etc.)				Continuous Improver	ment to the ELR Modeling	
	New Load Shape		(			
4. Load Modeling		New Load Shape + Updated LFU				
				Seasonal Specific Load Modeling		
5. Extreme Weather	Incorporate modeling improvements pending on progress and outcome from Extreme Weather working group					

#### LEGEND:



November 2022 ICS Meeting Presentation:

https://www.nysrc.org/PDF/MeetingMaterial/ICSMeetingMaterial/ICS%20Agenda%20268/RA\_Strategic\_Plan\_1102ICS\_V2[917\_0].pdf

Additional topics that ICS is also monitoring are as follows:

- Investigate Change in Generation Outage Rate Assumptions (5 yr avg vs 10 yr)
- Load Shifting Methodology
- Improvements to MARS modeling of ESRs.
- **New**: Identify considerations that will need to be evaluated for a Winter Peaking NYCA on future IRM determinations.
- **New:** What changes are required to shift MARS to use calendar year vs. capability year in IRM calculations.