

June 3, 2020 NYSRC ICS Meeting #232 Report – Ruby Chan
Prepared for the June 12, 2020 EC Meeting

1. High Renewable White Paper Follow-up Items

<u>EC Guidance to ICS</u>	<u>Follow-up Action</u>	<u>Expected completion</u>
<p>1. The high renewable case studied is prompting the NYSRC/NYISO to review the removal/shifting process for determining the IRM to see if changes are warranted.</p>	<p>Tan 45 white paper (NYISO will present current Tan 45 methodology at the July EC meeting)</p>	<p>May 2021</p>
<p>2. The derate factor of renewable resources may need to be revisited to more accurately reflect their contribution to reliability. ————The availability of renewables is fundamentally different than that of conventional resources.</p> <p>The amounts of capacity used during the removal/shifting process is based on the derate factors for capacity resources. The derate factors for renewable resources may need to be revisited to better represent their contributions.</p> <p>The ICS should evaluate the reliability value of renewable resources as indicated by the resource adequacy analysis the NYSRC/ICS performs. Specifically, they should look at an Effective Load Carrying Capability (ELCC) study to better understand their contributions to reliability from different types of intermittent resources.</p>	<p>Tailored Availability Metric UCAP Calculation (See ICS Attachment #1 for the presentation)</p> <p>A similar study to the ELCC will be performed in a few years per the NYISO tariff through the NYISO stakeholder forum</p>	<p>June 2020</p> <p>Few years</p>
<p>3. The introduction of storage resources will bring their own set of issues and must be studied.</p>	<p>RNA Team working on developing Energy Storage Model</p> <p>ICS will review the Energy Storage Model developed by the RNA Study Team and propose a recommendation</p>	<p>May 2021</p>

2. Addendum to the Correlation of Intermittent Resources – see ICS Attachment #2
- For EC Approval

The NYISO seeks to modify the recommendation of this white paper to align the modeling of not only wind and solar resources, but also of the run-of-river and landfill gas resources. ICS approved the recommendation.

3. Policy 5 Revisions – see ICS Attachment #3 – **For EC Approval**

4. Status of 2021 IRM Study

- a. Reviewed draft assumptions matrix
- b. Presented preliminary parametric results – only material change reported was a 0.7 increase due to load forecast uncertainty (LFU). A future white paper on LFU is currently underway.