

ICS Members: RRS is updating the Introductions to the various NYSRC Reliability Rule Groups. RRS asks ICS to review the following proposed changes to the Introduction to the Resource Adequacy rules and provide any comments.

### Rule Group A – Resource Adequacy – Introduction

The NYSRC is responsible for establishing the annual statewide Installed Capacity Requirement (ICR) in order to ensure adequate *resource capacity*. “Resources” refer to the total contributions provided by supply-side and demand-side facilities.

Among the factors ~~to be~~ considered in the calculation of the *ICR* are ~~load~~ characteristics ~~of the loads, uncertainty in the load~~ forecast uncertainty, outages and deratings of generating units, the effects of interconnections to other *control areas*, and *transfer capabilities* within the NYCA. The annual statewide *ICR* is established by implementing Resource Adequacy Reliability Rules for providing the corresponding statewide *installed reserve margin (“IRM”)* requirement. The *IRM* requirement relates to *ICR* through the following equation:

$$ICR = (1 + IRM Requirement) \times \text{Forecasted NYCA Peak Load}$$

$$ICR = \left( 1 + \frac{IRM Requirement (\%)}{100} \right) * 100 Requirement (\%)$$

NYSRC Policy 5, Procedure for Establishing the NYCA Installed Capacity Requirement specifies the procedures and NYSRC Resource Adequacy Rules used for calculating the ICR.

In order to ~~implement~~ meet the annual statewide *ICR* established by the NYSRC, the NYISO is required by the Reliability Rules to ~~establishes~~ *installed capacity (“ICAP”)* requirements for the *load serving entities (“LSEs”)*, including *locational ICAP requirements*, recognizing internal and external transmission constraints.

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