

## **1.2 General Approach to Calculation of Accredited UCAP**

As further described in Section 3 below, the calculation of the Accredited UCAP of an ELCC Resource is generally derived from the product of:

1. The Effective Nameplate Capacity of the resource X
2. The ELCC Class Rating of the applicable class X
3. The ELCC Resource Performance Adjustment

For Hydropower with Non-Pumped Storage, the Accredited UCAP is the product of: [the total ICAP of all units at the plant when running simultaneously]; the plant-specific ELCC Class Rating; and the Performance Adjustment.

The Performance Adjustment (described in detail in Section 3.2) is derived from actual output for Variable Resources, and is derived from (1-EFORd) for other ELCC Resources.

The RAA provides the following definitions for these terms:

***“Effective Nameplate Capacity” shall mean (i) for each Variable Resource and Combination Resource, the resource’s Maximum Facility Output (or, for a Co-Located Resource, the applicable share of the Mixed Technology Facility’s Maximum Facility Output); (ii) for each Limited Duration Resource, the sustained level of output that the unit can provide and maintain over a continuous period, whereby the duration of that continuous period matches the characteristic duration of the corresponding ELCC Class, with consideration given to ambient conditions expected to exist at the time of PJM system peak load, to the extent that such conditions impact such resource’s capability, not to exceed the Maximum Facility Output (or, for a Co-Located Resource, the applicable share of the Mixed Technology Facility’s Maximum Facility Output). For the 2025/2026 Delivery Year and subsequent Delivery Years, the Effective Nameplate Capacity of each Limited Duration Resource shall not exceed the greater of the Capacity Interconnection Rights of such Limited Duration Resource, or the transitional system capability as limited by the transitional resource MW ceiling as defined in the PJM Manuals, awarded for the applicable Delivery Year.***

***“ELCC Class Rating” shall mean the rating factor, based on effective load carrying capability analysis, that applies to ELCC Resources that are members of an ELCC Class as part of the calculation of their Accredited UCAP.***

***“ELCC Resource Performance Adjustment” shall mean the performance of a specific ELCC Resource relative to the aggregate performance of the ELCC Class to which it belongs as further described in RAA, Schedule 9.1, section E.***