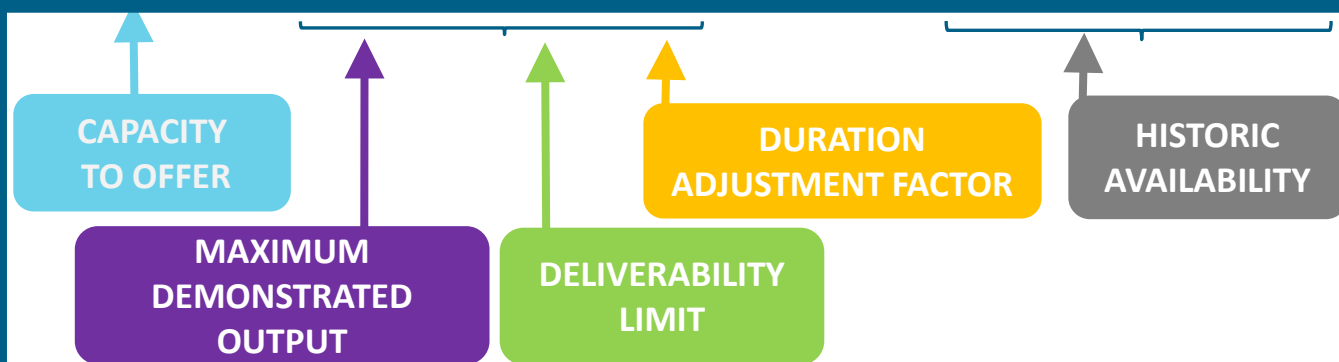# Supply Side Unforced Capacity

Unforced Capacity (UCAP) is the commodity that is bought and sold in the Installed Capacity (ICAP) Market

- A supplier's **UCAP** is the amount of capacity that each resource is qualified to supply to NYCA
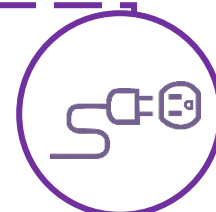
Demand

How Much Capacity Can Be Sold?

$UCAP$ = Adjusted ICAP x (1 – Derating Factor)

CAPACITY TO OFFER

MAXIMUM DEMONSTRATED OUTPUT

DELIVERABILITY LIMIT

DURATION ADJUSTMENT FACTOR

HISTORIC AVAILABILITY

Maximum Demonstrated Output

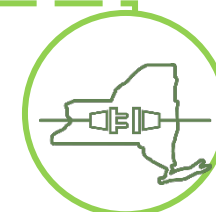Sustained maximum net output, demonstrated by performance testing or actual operation
i.e. Supplier's proven capacity

Deliverability Limit

An Installed Capacity resource's determined level of power deliverability,
i.e. A generators determined level of ICAP deliverability

Duration Adjustment Factor

Percentage value that is used to calculate an adjusted ICAP value for an energy duration limited ICAP supplier
i.e. Accounts for a given resource's duration limited run-time

Historic Performance and Availability

Used to calculate applicable derating factors for ICAP Suppliers to determine the applicable amount of UCAP that can be sold by each resource
i.e. Unplanned resource unavailability