

Value Stack Phase Two Calculations

Effective 06/01/2019 for projects that qualified¹ for Value Stack after 07/26/2018

		Location of current rate or credit	Calculation
Supply	LBMP	NYISO Day Ahead Prices	N/A
	ICAP - Alt 1	VDER Statement	Monthly Credit = [Alt 1 Rate] x [total kWh export] <ul style="list-style-type: none"> Alt 1 Rate = [monthly NYISO \$/kW-month auction price] x [proxy capacity factor] / [monthly kWh/kW] <ul style="list-style-type: none"> The proxy capacity factor and monthly kWh/kW are based on a solar load curve provided by the Public Service Commission
	ICAP - Alt 2		Monthly Credit = [Alt 2 Rate] x [total kWh export during eligible hours] <ul style="list-style-type: none"> Alt 2 rate = [sum of the prior May through April monthly NYISO \$/kW-month auction prices] / [240 or 245, based on number of eligible hours] Eligible hours are the 240 or 245 hours on non-holiday weekdays from June 24 through August 31, from 2:00 PM until 7:00 PM
	ICAP - Alt 3		Monthly Credit = [Alt 3 rate] x [prior summer peak kW-coincident production] <ul style="list-style-type: none"> Alt 3 rate represents the avoided wholesale capacity costs, priced at the NYISO ICAP Monthly Auction rates kW coincidence is based on average export during the NYCA peak hour of the prior NYISO ICAP Capability Period
	REC		Monthly Credit = [Environmental Credit \$/kWh] x [kWh export] <ul style="list-style-type: none"> The Environmental Credit is the higher of the most recent NYSERDA Tier 1 REC price or the Social Cost of Carbon less RGG, as determined by the Department of Public Service
Distribution	DRV		Monthly Credit = [DRV \$/kWh] x [kWh export] <ul style="list-style-type: none"> Eligible hours include non-holiday weekdays from June 24 through September 15, in the time window locked-in during a project's interconnection DRV \$/kWh is provided for each customer on their Value Stack Summary statement
	CC		Monthly credit = [Community Credit \$/kWh] x [kWh export] <ul style="list-style-type: none"> A credit for subscribers of Community Distributed Generation
	LSRV	For maps of LSRV areas please check Hosting Capacity For rates and MW availability, check the latest VDER Statement .	Credit per LSRV call event = [LSRV \$/kW-year] * [kW performance] / 10 <ul style="list-style-type: none"> kW performance is equal to the minimum average hourly kW export during the event

¹ Qualification based on date of payment of at least 25% of interconnection costs, or date of executed interconnection agreement if payment is not required

Value Stack Phase One Calculations

Effective 11/01/2017 for projects that qualified¹ for Value Stack between 07/18/2017 and 07/26/2018

		Location of current rate or credit	Calculation
Supply	LBMP	NYISO Day Ahead Prices	N/A
	ICAP - Alt 1	VDER Statement	Monthly Credit = [total kWh export] x [Alt 1 Rate] <ul style="list-style-type: none"> Alt 1 Rate = [SC9 Rate / capacity costs for upcoming period] / [SC9 Rate / sales for that period] <ul style="list-style-type: none"> Upcoming period is either summer (set in May) or winter (set in Nov) SC9 Rate / capacity costs trend with capacity cost determined by NYISO ICAP market auction
	ICAP - Alt 2		Monthly Credit = 460 x [kW of generation during 460 summer hours] x [Alt 2 rates] <ul style="list-style-type: none"> Alt 2 rate = [Capacity costs over past capability year] / [total aggregate kWh usage during 460 peak summer hours] <ul style="list-style-type: none"> Capacity costs are for SC9 Rate 1, and past capability year is May Y0 to April Y1 for rates in May of Y1 through April Y2 kWh usage is for SC 9 class, and 460 peak summer hours are 14:00 to 18:00 for each day in June, July and August
	ICAP - Alt 3		Monthly Credit = [Alt 3 rate] x [prior summer peak kW-coincident production] <ul style="list-style-type: none"> Alt 3 rate represents the avoided wholesale capacity costs, priced at the NYISO ICAP Monthly Auction rates kW coincidence is based on average export during the NYCA peak hour of the prior NYISO ICAP Capability Period
	REC		See rate published by staff
Distribution	DRV		Monthly credit = [DRV rate] * [average kW coincidence] / 12 <ul style="list-style-type: none"> Average kW coincidence is from 10 peak hours of previous year DRV rate is valued based on the utility marginal cost of service (MCOS) in non-high value areas (high value areas will be compensated by LSRV credit)
	MTC		N/A – values in VDER Statement will be locked in indefinitely
	LSRV	For maps of LSRV areas please check Hosting Capacity For rates and MW availability, check the latest VDER Statement .	Monthly credit = [LSRV rate] * [average kW coincidence] / 12 <ul style="list-style-type: none"> Average kW coincidence is from 10 peak hours of previous year LSRV rate is based on the utility MCOS in higher value areas identified in future MCOS studies

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