Why is this important?

• REV direction to be technology agnostic
• CHP is a firm resource and provides resiliency and distribution system benefits that PV/ESS can’t, even if/when the grid becomes decarbonized enough to make CHP carbon-negative
• Value stack compensation is such that in many projects behind-the-meter consumption of PV electricity is worth more than value stack exports – forcing PV/ESS to be behind a separate meter from CHP can arbitrarily reduce PV/ESS revenue
• Putting PV/ESS behind separate meter makes resiliency benefits more expensive (additional transfer switches, relaying necessary to parallel ESS+PV+CHP in blackout)
Effect of adding CHP on PV/ESS Exports

![Graph showing the impact of adding CHP on PV/ESS Exports. The graph compares Building Load (kW), PV/ESS Exports Before CHP (kW), CHP Production (kW), Utility Import with CHP (kW), and PV/ESS Exports After CHP (kW) over a 24-hour period.](attachment:graph.png)
Interconnection Scheme 0

INCOMING SERVICE

UTILITY METER

REVERSE POWER RELAY

ESS INVERTER

PV INVERTER

SOLAR PV ARRAY

ESS

SWITCHGEAR

CHP OR OTHER NON-EXPORT ELIGIBLE TECHNOLOGY

FALLING BELOW A MINIMUM IMPORT AT THIS POINT TRIPS OFF CHP
Interconnection Scheme 1
Interconnection Scheme 2