

DEFINITIONS

$$\text{Risk} = f(\text{Impact}, \text{Uncertainty})$$

- » **Uncertainty:** Relative uncertainty is defined as the range of possible outcomes within DER technologies. A High rating indicates a relatively wide range of possible outcomes. A Low rating indicates a relatively narrow range of possible outcomes.
- » **Impact:** Expected Impact is defined as the relative size of one DER against another for planning purposes. For instance, PV currently has a high expected impact relative to ES based on the relative energy and or load impacts associated with the two categories.
- » **Risk:** Risk combines uncertainty and expected impact and should guide the relative level of attention that different technologies receive in the planning process. For instance, a technology with high expected impact and high uncertainty ratings should be given a high priority for further study and analysis. Similarly, a technology with low expected impact and high uncertainty ratings should be given a lower priority for study.

UNCERTAINTY QUALIFICATION GRID

	PV	EV	AAEE	ES	LMDR
IEPR	High	High	High	High	
Model	Low	Medium	Medium	High	
Shapes/Profile	Low	Med to High	Medium	High	
Charge Location		Medium			
Lumpy (NT)	Low	Low	Medium	Low	
Lumpy (LT)	High			High	
Impact	Large	Medium	Large	Small	
Risk	High	Medium	High	Low	

Red = agreed

Blue = proposed

Green = place holders