NREL: ReOpt Energy Integration and Optimization Model (ReOpt and ReOpt Lite)	
Goal	To model optimal economic & resilience benefits of DERs
Method	Capacity expansion model for behind the meter to find value proposition of DER for facility owners for site (primary users are facility owners and operators). ReOpt Lite has two modes: financial and resilience: • **Financial mode** optimizes PV, wind, and battery system sizes and battery dispatch strategy to minimize life cycle cost of energy • **Resilience mode** optimizes PV, wind, and battery systems, along with back-up generators, to sustain critical load during grid outages and to minimize life cycle cost of energy
Recent Updates	**October 2019:** Resilience Modeling, Diesel Generator Sizing, Load Profile Dashboard, Utility Rate Help, International Guidelines, and Updated Cost Assumptions **February 2020:** Release of Open Source version of REopt Lite
Availability	Free web tool
URL	https://reopt.nrel.gov/tool