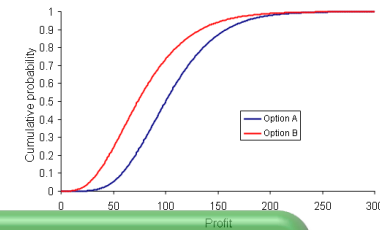


Parameters	Distribution
Wave height (m)	Exponential
Wave impact time (h)	Uniform
Diesel recovery time (h)	Weibull
Off-site grid recovery time ^a (h)	Lognormal
Off-site grid recovery time ^b (h)	Lognormal
Batteries failure time (h)	Triangular
Batteries recovery time (h)	Lognormal



Deterministic modeling

Plant modeling
External event modeling

Stochastic modeling

Identify uncertain parameters
and associate a pdf

Stochastic analysis

Sample the pdfs
Run N times system
simulation code(s)
Evaluate desired FOMs