

Smart Energy Systems—Optimization Project Group Milestone 4 Rubric

General Criterion	Criterion	Allotted Points	Received Grade					
			100%	80%	60%	40%	20%	0%
Quality of Information	The presentation thoroughly describes the influence of the Antithetic Variates (AV) technique for different number of samples.	1.0						
	The presentation thoroughly describes the influence of the Latin Hypercube Sampling (LHS) technique for different number of samples.	1.0						
	The impact of the concurrent.futures model on the computational time for each sample generation technique is explicitly set forth.	0.5						
	The influence of the state of charge target for the electric vehicle battery is relayed in a clear manner.	1.5						
Implementation	The code necessary to study the influence of AV is developed for each case.	1.0						
	The code necessary to study the influence of LHS is developed for each case.	1.0						
	The code required to analyze the impact of the concurrent.futures model is implemented.	0.5						
	The case study and sensitivity analysis of microgrid incorporating an EV is implemented.	1.5						

Presentation	The milestone is presented in a logical sequence and a coherent way.	0.5						
	The presenter(s) demonstrate(s) full knowledge of milestone material.	0.5						
Total		10.0						