	Assumptions	% Uncertainty
Energy Profile	• The new campus overall energy profile will have small peaks in demand only, due it being very unlikely for lots of equipment with high power consumptions to be switched on together	50%
	• Energy demand is assumed to be normally distributed between each half hour period	20%
	• Standard deviation of energy demand equals average between mean and max of data, following the assumption that peaks sizes are proportional to the total demand	40%
	• Daily variation negligible in energy usage is negligible, assume profile is unlikely to change over battery lifetime	20%
	• New campus profile is formed of Senate House, Hall data and Lab data only scaled according to their total footprint size	30%
Energy Billing	• Red rate periods remain the same for the duration of the simulation	50%
	• Energy prices and bills remain the same for the duration of the simulation	90%
	• TRIAD dates kept as close as possible to 4/12/14, 19/01/15, 02/02/15 (no weekends used)	20%
	• TRIAD Bills are divided equally over the next billing year	10%