

Revision #: 1

Customer Need #	Importance	Description	Comments/Status
CN1	9	Collect Energy Usage Data	
CN1.1	9	Collect Electrical Data	
CN1.2	9	Collect Thermal Data	
CN2	9	Analyze the Data Collected	
CN2.1	3	Analyze Data Efficiencies	
CN2.2	9	Calculate Trends in Data	
CN2.3	3	Produce Graphs of Trends in Data	
CN2.4	9	Find Substantial Gaps in the System	
CN2.5	3	Make Internal Comparisons of Data (Other RIT Buildings)	
CN2.6	9	Make External Comparisons of the Data (Other Universities of Dept. of Energy)	
CN2.7	3	Make Predictions for Future Energy Use	
CN3	9	Discover Financial Needs of the Project	
CN3.1	9	Calculate the Payback Period of the Proposed Applications	
CN3.2	9	Determine Lifecycle Costs of the Units	
CN3.3	3	Procure Inexpensive Installation and Maintenance	
CN4	3	Develop Easy Installation and Maintenance Plans	
CN5	9	Maximize Building Security Through Unit Applications	
CN6	3	Integrate/Archive Analyses and Predictions into RIT Control Package	
CN7	1	Design a User Interface for the Data Observed	
CN7.1	1	Make Data Viewable by the Public (RIT Faculty/Staff/Students)	
CN7.2	1	Make Data Controllable by the End User (FMS)	
CN8	3	Increase Public Awareness of the Conservation Methods in Place	
CN9	1	Attract Student Interest for Future Projects Dealing with RIT Sustainability	

Cust. Need #: enables cross-referencing (traceability) with specifications

Importance: scale (9=must have, 3=nice to have, 1=preference only)

Description: organize as primary and secondary needs (hierarchy)

Comment/Status: allows tracking of questions, proposed changes, etc; indicate if you are meeting the need ("met") or not ("not met")