QC Guide:
Energy Audit High Level Review

NEW YORK STATE OF OPPORTUNITY. | NYSERDA

1. Energy and Cost Savings

1. Do energy savings exceed baseline usage?
2. Are energy savings assigned to the correct energy source?
    - Heating improvements save heating energy?
    - Electrical measures save electricity
3. Do energy savings rely on easily reversible improvements?
4. Are cost savings based on actual utility rates?
5. Are savings based on reliable calculation tools/models?
6. Are assumptions appropriate for the building and resident demographics?

2. Improvement Costs

1. Do costs include materials and labor?
2. Do costs include engineering, bidding and procurement fees?
3. Are labor costs appropriate for the project's location? (NYC vs. upstate)
4. Do labor costs account for the client's purchasing policies (prevailing wages, union shop, in-house labor)?
5. Are cost effectiveness tests reasonable?

3. Constructability

1. Do the improvements address building deficiencies?
2. Can mechanical spaces accommodate new equipment? If not, do costs reflect construction needs or staging requirements?
3. Do improvements require upgrades to meet code requirements?
4. Does the scope of work reflect the owner's capital priorities?

4. Owner Usefulness

1. Can your client understand the report? Is the text riddled with acronyms?
2. Is there a top page summary for non-technical decision makers?
3. Do summary metrics reflect your client's Key Performance Indicators?
4. Is there enough technical detail for contractors to understand the project?
5. Does the report meet utility or NYSERDA program requirements?