



Sustainable LIFESTYLES



Installation Case Study Submission Form

Overview

The Sustainable Lifestyles Action Team is interested in conducting case studies with CEDIA ESC members on energy efficient and sustainable installation projects. The team is trying to learn more about innovative solutions, trends, and metrics. The team will review all submissions and choose the projects to pursue for case studies. It has not been determined how many case studies will be conducted.

If a submission is chosen, CEDIA staff and members of the action team will work with the ESC to compile all of the necessary information. Each case study will be provided as a free learning tool to CEDIA members through articles, marketing materials, and a final report. To submit, you must be willing to provide the required information, high resolution photographs, homeowner and photographer

signed releases, and participate in ESC and homeowner interviews with the CEDIA Marketing Department.

In order to assemble quantitative data on the impact of an ESC on energy efficiency, part of each of the case studies is to provide measurements. One set of metrics does not allow for a measurable impact. So, you must also be willing to participate in a six month or one year update with the homeowner and CEDIA on the actual energy usage.

Thank you for your submission and support of our initiative.

Client Information

What is the client's demographic information? Include number of people, gender, and age.

What were the client's design requirements? Please indicate which were the most important.

Are you offering a monthly, quarterly, or semi-annual on-going service contract for energy monitoring?

Monthly Quarterly Semi-annual On-going

Did you participate in educating the client on the home systems installed and optimal usage?

Yes No

Is the client willing to participate in an interview with CEDIA staff?

Yes No

Company Information

Company Name: _____

Contact Name: _____

Address: _____ City: _____ State: _____ Zip: _____

Email: _____ Phone: _____ Fax: _____

Signature: _____

Home Information

Where is the home located? Please include city/state, direction of the front of the home, and information on proximity to public transportation/shopping/facilities.

Home Location: _____ City: _____ State: _____

Is the home single family or multi-family?

Single family Multi-family

What is the size of the home?

How many rooms are in the home?

Was this a retrofit or a new construction? How did that impact the design and implementation?

New Retrofit


How many heating & cooling zones are in the home?

Design Considerations

Explain your design philosophy for creating a sustainable lifestyle for the client. (Please attach additional sheet if additional space is needed)

Design Considerations (cont.)

In each of the following categories, identify the client requirements, challenges, and unique solutions you implemented to ensure a sustainable lifestyle for your client.

- Environment (i.e. lighting, automation, occupancy detection, HVAC, air quality, window treatments)
 - Monitoring Systems / Feedback (i.e. dashboard, set points, measurable impact)
 - Product Selection (i.e. procurement, compliance, consolidation)
 - Innovation (i.e. integration usage)
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Installation

What were the top 3 integration challenges?

How long did it take to complete the installation? Please include start and completion date.

Start: _____ Completion: _____

Installation (cont.)

What was the client cost for your portion of the project?

Did you factor resource management and efficiency into the project activities (i.e. job site waste)?

What lessons did you take away from or could your peers learn from this project?

What was done to improve the building envelope?

Certifications

Has the project received any home building certifications (i.e. Energy Star, USGBC LEED for Homes, NAHB Green Building)?

If your project has received a home building certification, how did you influence this process/award?

If your project has received a home building certification, did you receive any innovation points? How and for what?

If you have not received certifications, have you applied for any? If so, which ones?

What were the biggest challenges you encountered in applying and/or achieving certification?

Equipment List

Please submit your equipment list in an excel document using the fields/format below

Equipment	Description	Qty	Size	Manufacturer
Lighting				
Climate				
Audio/Video				
Monitoring/Control				
Comm./Network				
Power Management				
Renewable Energy				
Other				

Comments:

Measurement

What system did you put in place to capture, measure, and report energy consumption?

Did you monitor at the circuit level?

If so, which sub-systems are you monitoring?

Lighting	Audio/Video	Communications/Network	Other _____
Climate	Appliances	Other _____	Other _____

Did you take a pre-occupancy measurement? If so, can you provide those results?

Are you and your client willing to conduct and report on actual usage metrics six months or one year after the project completion date?

Yes No

Forms, Photography, Schematics, and Diagrams

You must submit all of the following documentation. Please obtain a copy of the release forms from Erica Shonkwiler at eshonkwiler@cedia.org.

Document Type	Description
Engineering & Design	At least one illustrating the process of the project and end result
Signed Release Forms	Homeowner Release Form, Photography Release Forms
Verification	Notarized Verification Form
Photography (High Resolution Only)	Four images showing the home validating a sustainable lifestyle, graphic user interface image, image of front and back of rack

