



eProjectBuilder

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U.S. DEPARTMENT OF
ENERGY

Energy Efficiency &
Renewable Energy





What is eProject Builder?

- **eProject Builder (ePB) is a FREE web-based system for entering and tracking EPC data for the life of the contract**
- **Developed and maintained by (LBNL) for U.S. DOE**
- **Designed with input from multiple stakeholders**
- **Enables energy service companies (ESCOs) and their customers to securely:**
 - Upload and track project-level information for the life of the contract;
 - Generate project data for analysis and reporting
 - Develop project scenarios w/ standardized calculations
 - Benchmark new projects against historical project data



ePB Components and Access

ePB is comprised of two key components:

- 1. Excel-based data template** used to upload data to online database
- 2. Online system** where project data is housed and tracked for the life of the contract and beyond

The screenshot shows the eProject Builder website interface. At the top, there is a dark teal navigation bar with links for "Benchmarking", "Help/Documentation", and "About". Below the navigation bar is the eProject Builder logo, which consists of a stylized city skyline inside a blue circle. To the right of the logo is a sign-in form with the following elements:

- A heading: "Please sign in"
- An "Email:" label followed by a text input field containing the placeholder "email".
- A "Password:" label followed by a text input field containing the placeholder "password".
- A "Forgot password?" link in blue text next to the password label.
- A blue "Sign in" button.
- A link at the bottom: "New to ePB? Request an Account".

Below the logo and sign-in form, the text reads: "eProject Builder enables Energy Services Companies (ESCOs) and their contracting agencies to:"

1. upload and track project-level information
2. generate basic project reports required by local, state, and/or federal agencies
3. benchmark new Energy Savings Performance Contract (ESPC) projects against historical data



EPC Project Data Challenges

- **Inconsistent and inefficient** data collection across state
- **Incomplete/inadequate** project documentation
 - Can reduce the credibility of EPC programs
- **Data losses** due to staff or administration turnover
- **Limited** agency staff and budget to effectively manage and report EPC results
- **Inability** to conduct data-based analysis and evaluation of projects and programs
- **Inability** to effectively communicate program results to stakeholders



ePB Benefits

- **Standardized data formats** and consistent data collection process across ESCOs and markets (state, local, educational, etc.)
- **Secure online database** with customer control over project data access
- **Data preservation** and continuity of access over time – for the life of the contract and beyond
- **Enhanced analysis capabilities** to generate estimates of economic and environmental benefits
- **Increased credibility** from using standardized independently-developed tool
- **Free technical support** from LBNL



ePB Roles

Customer "Project Initiator"



- Registers
- Initiates project (<1 min)
- Reviews project data with ESCO
- Approves project
- Unlocks project for revision, if necessary
- Invites Project Viewer(s)

ESCO "Project Builder"



- Registers
- Enters project data
- Reviews with customer
- Submits project for approval
- Revises project data, if necessary
- Invites Project Viewers

"Project Viewer"



- Registers
- Views project information, only when invited



<https://eprojectbuilder.lbl.gov>

[Benchmarking](#)

[Help/Documentation](#)

[About](#)



eProjectBuilder

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[Learn more](#)

Please sign in

Email:

Password: [Forgot password?](#)

[Sign in](#)

New to ePB? [Request an Account](#)



Projects Summary Page

[Home](#)[Projects Summary](#)[Benchmarking](#)[Help/Documentation](#)[About](#)

Liz Test Customer ▾

[+ Enter New Project](#)[Download Project Template](#)[Download All Projects in Table as .csv](#)

- To **view** project data online, click the project name.
- To **download** a draft output schedule for pre-approved or approved projects, click the gear icon and the "download schedule" link.
- To **manage** names of who can view the project, click the gear icon and the "manage viewers" link.

Search:

Project ID	Project Name	Market	Agency	Award Date	Last Modified	Customer	ESCO	Total Implementation Cost	Total Guaranteed Savings	Proposal Status	M&V Status	Data % Complete	Actions
52204	Nov 19 demo project	Federal Government	State		2015-11-19 19:48:48	test Customer Organization	ESCO Company name	\$7,082,480	\$8,689,789	Pending		100%	
52205	LBNL test project 3	Federal Government	Office of Science		2015-11-25 16:36:59	Berkeley Lab	ESCO of the West	\$3,562,480	\$5,006,332	Pre-Approval		100%	
52203	Demo project November	Federal Government	State		2015-11-30 20:35:11	Demo Customer	Demo ESCO	\$5,882,480	\$7,378,885	Approved	Pending	100%	
52213	December Test Project II	K-12 Schools	Office of Science		2015-11-30 20:14:19	LBNL	Demo ESCO	\$7,682,480	\$10,088,917	Approved	Pending	100%	
52212	Dec 1 demo	K-12 Schools			2015-11-30 18:07:23			\$0	\$0	Pending		0%	

Showing 1 to 5 of 5 entries

← Previous **1** Next →



Project Dashboard



← [Project Summary](#)

Demo project November

Location: **Berkeley, CA**
Customer: **Demo Customer**
ESCO: **Demo ESCO**
Award Date:
Implementation Cost: **\$5,882,480**
Your Role: **Project Initiator**

Action Menu

- [View Project Details](#)
- [Edit M&V Data](#)
- [View Project Financial Schedules \(html\)](#)
- [View Project Financial Schedules \(.pdf\)](#)
- [Manage Project Participants](#)
- [Download blank data template](#)

Project Status

Your approved project has one or more M&V years in pending status available for the ESCO to submit.

[View / Approve M&V Data](#)

Project Financial Schedules Archive

- Nov 25, 2015 04:50:04 pm PST
- Nov 25, 2015 04:39:49 pm PST

Documents

File Name	Date Uploaded	File Size
ePB Project Contact List.docx	11/30/2015 6:15:34 pm PST	11.10 KB
ePB Test Upload Document.docx	11/30/2015 6:17:04 pm PST	11.10 KB
Total Disk Usage		22.20 KB

[Upload a Document](#)



Getting Started

- Agency personnel attend training webinar
- Schedule customized training for state staff, and if appropriate, local agency and ESCO staff
- If you choose to use ePB, LBNL can help agencies/ESCOs:
 - Register groups/teams of people
 - Upload your project data
 - Put ePB language into contracting documents



CONTACT:

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