



eProjectBuilder

User Guide:
Entering Direct-
Funded Projects
into eProject
Builder

U.S. DEPARTMENT OF
ENERGY

Energy Efficiency &
Renewable Energy



BERKELEY LAB

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Purpose of this Guide

This guide provides instruction for eProjectBuilder (ePB) users on how to enter a direct-funded project into ePB. Direct-funded projects are funded up front (e.g., by governmental appropriations or company budget allocations), and are not financed. ePB is a versatile tool that enables customers and their contractors to enter, manage, and track a variety of different project types. The ePB data template and online system are fully aligned to accommodate direct-funded projects.

More specifically, the guide covers:

- Software requirements
- ePB project role assignments for direct-funded projects
- Entering a direct-funded project in ePB via the online system and non-calculating data template
- Schedules in the direct-funded data template
- Fields found in the direct-funded data template and online system

It is recommended that users consult other training materials including the Getting Started Guide on the ePB Help & Documentation page prior to entering their direct-funded project in ePB.

Software Requirements




Software: Excel 2010 (Windows)/2011 (Mac) or newer.

Browser: Mozilla Firefox version 10.0.7 or higher, Google Chrome version 30 or higher, Internet Explorer 11, Microsoft Edge, and Safari 9

Entering Direct-Funded Projects in ePB

ePB Project Roles

Each project in ePB has a "Project Initiator" (who initiates, reviews, and approves projects in ePB), and a "Project Builder" (who enters and submits project data). For direct-funded projects, typically the customer assumes the "Project Initiator" role, and the contractor can be assigned the "Project Builder" role. For some projects, the customer will fill both the Project Initiator and Project Builder roles. The table below summarizes the capabilities of the different project roles in ePB.

Project Initiator	Project Builder	Project Viewer
 <ul style="list-style-type: none"> • Registers • Initiates project • Reviews project data • Approves submitted project • Unlocks project for revision, if necessary • Invites Project Viewer(s) 	 <ul style="list-style-type: none"> • Registers • Enters project data • Reviews project data with customer • Submits project for approval • Revises project data, if necessary • Invites Project Viewer(s) 	 <ul style="list-style-type: none"> • Registers • Views project information once invited

Using the ePB data Template and Online System

Users can choose to enter data for a direct-funded project by either entering data directly into the ePB online system or by uploading the “non-calculating” version of the ePB data template. Because direct-funded projects do not have any financing terms, users must use the non-calculating template, or enter their project manually in the online system in “non-calculating” mode.

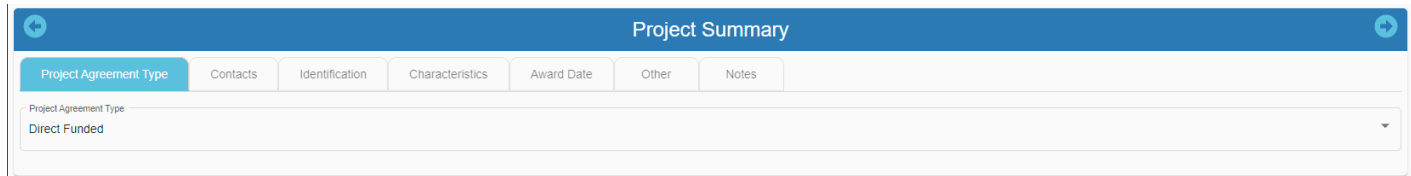
When projects are entered in non-calculating mode, neither the template nor the online system performs any calculations (except for simple summing of figures in columns and rows); manual entry of data is required.

Once the Project Initiator has initiated a project, the Project Builder can navigate to the Project Dashboard from the Portfolio page. From the Project Dashboard, the Project Builder can either upload their non-calculating data template or enter project data manually in the data fields in the online system. When entering a direct-funded project in ePB, the Project Builder must indicate the Project Agreement Type as “Direct-Funded.” To designate a project as a direct-funded project:

- In the Non-Calculating Data Template:** On the Summary Schedule of the ePB data template, navigate to the Project Agreement Type field (Cell C4). Choose “direct-funded” from the dropdown list (see screenshot below). Note: Users can access the most recent version of the non-calculating project data template on the [ePB Help & Documentation page](#).



- In the ePB Online System:** Once on the Project Dashboard, click “Edit Project Details” and navigate to the “Summary” section. Click the “Project Agreement Type” tab. Choose “Direct-Funded” from the dropdown list (see screenshot below).





Note: Direct-funded projects must use non-calculating mode in the online system. When choosing direct-funded as the project agreement type in the user interface, the system will automatically toggle to non-calculating mode. This means that the system will not perform any calculations. All fields are user-entered.

The ePB data template and online system will show different terminology and fields for direct-funded projects than for other project types (see Appendix B). Further, a number of the schedules are not relevant for direct-funded projects. **For this reason, it is important to first designate direct-funded as the project type in the non-calculating data template or as the project agreement type in the online system before completing any other data entry.**

Summary Schedule

SUMMARY SCHEDULE BASIC PROJECT INFORMATION						
Agreement Type	Project Agreement Type (choose from list)	34				
Project Contact Information	Role	Institution	Name	Title	Email	Phone
	Project Champion	1	2	3	4	5
	Customer (Project Initiator)	6	7	8	9	10
	Contractor	11	12	13	14	15
Project Identification & Characteristics	Project Identification			Project Characteristics		
	Task/Purchase Order #	26		List of Sites in Project (separated by commas)	35	
	Contract #	27		Number of Buildings in Project	36	
	Project Name	28		List of Buildings in Project (separated by comma if more than one)	37	
	Primary Project Location-City	29		Market Segment	38	
	Primary Project Location-State	30		Total Floor Area Affected by Project (Square Feet)	39	
	Primary Project Location-Zipcode	31		Average Annual Energy Consumption of Affected Buildings (MMBtu/yr)	40	
	Agency Name	32		Implementation Period (months)	41	
	Sub Agency Name/Region	33				
	Project ID #	34				
Award Date	Project Award Date (mm/dd/yyyy)	48				
Other Information	Project Financial Summary					
	Federal Contract Type	55		Annual Estimated Energy Savings (MMBtu)	642	
	Primary Electric Utility	56		Annual Estimated Water Savings (kGal)	646	
	Primary Natural Gas Utility	57		Total Estimated Cost Savings	404	
	Primary Water Utility	58		Template Errors/Warnings		

Schedule 2a Implementation Price by ECM

 SCHEDULE #2a IMPLEMENTATION PRICE BY ENERGY CONSERVATION MEASURE 											
ECM - Technology Category	ECM No.	ECM Description - Title	ECM Size	ECM Coverage (%)	Location	M&V Expense (\$)	(a)	(b)	(c)	(d)	
							Implementation Cost (Direct)	Mark-up (Overhead & Profit)	Applied Incentives	Implementation Price PDP + [a+b] - c	
										310	
301	302	303	304	305	317	306	307	308	309	311	
TOTALS:							312	313	314	315	316
IMPORTANT INFORMATION:											
(1) For the following ECMs, enter under ECM Size the total installed capacity of new equipment in the units specified: chillers and packaged units in tons (e.g., for a chiller - 250 tons), VFDs in hp, boilers and furnaces in input Btu/hr, BAS/EMCS in number of points, transformers in kVA, generators in kV. For lighting ECMs, specify baseline kV treated.											
(2) Implementation Cost shall include only direct costs for each ECM and no post-acceptance performance period expenses. Mark-up are added to each of the ECMs and include direct and indirect costs as well as profit											
(3) ECM coverage (%) represents the percentage share of the total project floor area (see Summary Schedule) affected by the ECM.											
ADDITIONAL NOTES:											

Schedule 3 - Performance Period Cash Flow

		Term (year)	Implementation Period (Year 0)	1	2	3	4	5	Totals
Payments	Incentives and Other Payments			503					503
	Performance Period Expenses								
	Management/Administration			511					512
	Operation			513					514
	Maintenance			515					516
	Repair and Replacement			517					518
	Measurement and Verification			519					520
	Other PP Expense 1: Other 521			522					523
	Other PP Expense 2: Other 524			525					525
	<i>TOTAL Performance Period Price (t)</i>			530					531
Annual Cash Flow (Performance Period)	ANNUAL CASH FLOW			208					209

IMPORTANT INFORMATION:

- (1) Examples of Incentives and Other Payments include: REC proceeds, demand response payments, and extra customer payments.
- (2) Future payments to project facilitators (consultants) are one example of uses for dollar savings retained by the customer.

ADDITIONAL NOTES:

Schedule 4 - First Year Estimated Cost Savings by ECM

SCHEDULE #4 FIRST YEAR ESTIMATED COST SAVINGS BY ENERGY CONSERVATION MEASURE																							
ECM			Baseline Energy and Non-energy Consumption										b1	b2	c1	c2	d1	d2	e1a	e2a	e1b	e2b	
ECM Number	Short Description	M&V Option	Baseline electricity use	Baseline electricity demand	Baseline natural gas use	Baseline Use: 104	Baseline Use: 106	Baseline water use	Baseline energy and resource costs	Baseline O&M costs	Baseline other non-energy costs	Type of other non-energy costs	Electric energy savings	Electric energy savings	Electric demand savings	Electric demand savings	Natural gas savings	Natural gas savings	Other Savings Type 1: 104	Other Savings Type 1: 104	Other Savings Type 2: 106	Other Savings Type 2: 106	
			(kWh/yr)	(kW/mo)	(MMBtu/yr)	(MMBtu/yr)	(MMBtu/yr)	(MMBtu/yr)	(kGal/yr)	(\$/yr)	(\$/yr)	(\$/yr)		(kWh/yr)	(\$/yr)	(kW/mo)	(\$/yr)	(MMBtu/yr)	(\$/yr)	(MMBtu/yr)	(\$/yr)	(MMBtu/yr)	(\$/yr)
	Project Development Costs (PDC)-Technical Energy Audit and Project Proposal																						
			601	602	604	606	608	610	612	614	616	618	620	621	623	625	627	629	631	633	635	637	639
			-										-										
			-										-										
			-										-										
			-										-										
			-										-										
			-										-										
			-										-										
	TOTALS:		603	605	607	609	611	613	615	617	619		622	624	626	628	630	632	634	636	638	640	

IMPORTANT INFORMATION:

- (1) Energy conversion factors for MMBtu: MMBtu=1,000,000 Btu; 1 kWh of Electricity = 0.003413 MMBtu; 1 therm of Natural Gas = 0.1 MMBtu ; 1 gal of #2 Heating Oil = 0.13859 MMBtu; 1 gal of Gasoline = 0.12048 MMBtu; 1 gal of Diesel = 0.13738 MMBtu; 1 short ton of Coal (2,000 pounds)=19,548 MMBtu; 1 gal of Propane=0.091333 MMBtu
- (2) At least one of the savings fields is required to compute the contract term.
- (3) User should enter an average monthly kWh reduction figure. Demand savings can (and usually do) vary by season and in their conversion rate to dollar savings.
- (4) All estimated cost savings numbers reported in this schedule are assumed to have already incorporated the "Implementation start through first year" escalation rates reported in the Annual Escalation Rates schedule.

ADDITIONAL NOTES:

67

f = 0.003412*b1+d 1+e1a+e1b	g = b2+c2+d2+e2 a+e2b	h	i	j	k	l = g+i+j+k	m	n = m/l
Total energy savings	Total energy cost savings	Water savings	Water savings	O&M cost savings	Other non-energy cost savings	Estimated annual cost savings	Implementation price	Simple Payback
(MMBtu/yr)	(\$/yr)	(Kgal/yr)	(\$/yr)	(\$/yr)	(\$/yr)	(\$/yr)	(\$)	(years)
							310	
641	643	645	647	649	651	653	311	317
642	644	646	648	650	652	654	316	318

tu.

Appendix B: Glossary of Fields

ID	Field Name	Description	Sheet	Cell	Recommended for State/Local Agencies to Require	Notes
1	Project Champion-Institution	Institution name for project facilitator (typically used by federal projects only): an entity that acts on customer's behalf to facilitate the contracting process.	Summary Schedule	C7		
2	Project Champion-Name	Project champion point of contact – name.	Summary Schedule	D7		
3	Project Champion-Title	Project champion point of contact - job title.	Summary Schedule	E7		
4	Project Champion-Email	Project champion point of contact - email address.	Summary Schedule	F7		
5	Project Champion-Phone	Project champion point of contact - phone number.	Summary Schedule	G7		
6	Customer (Project Initiator)-Institution	Project Initiator's organization.	Summary Schedule	C8	X	Derived from customer account info.
7	Customer (Project Initiator)-Name	Project Initiator point of contact - first and last name. The Project Initiator is the individual (typically at a customer agency or organization) that initiates, reviews, and approves projects.	Summary Schedule	D8	X	Derived from customer account info.
8	Customer (Project Initiator)-Title	Project Initiator point of contact - job title.	Summary Schedule	E8	X	Derived from customer account info.
9	Customer (Project Initiator)-Email	Project Initiator point of contact - email address.	Summary Schedule	F8	X	Derived from customer account info.
10	Customer (Project Initiator)-Phone	Project Initiator point of contact - phone number.	Summary Schedule	G8	X	Derived from customer account info.
11	Contractor-Institution	Contractor company name.	Summary Schedule	C9	X	Derived from contractor account info.
12	Contractor (Project Builder)-Name	Contractor point of contact - first and last name. The Project Builder is the individual at the contractor organization that completes the project information and submits to the PI for approval for approval.	Summary Schedule	D9	X	Derived from contractor account info.

ID	Field Name	Description	Sheet	Cell	Recommended for State/Local Agencies to Require	Notes
13	Contractor-Title	Contractor/Project Builder point of contact - job title.	Summary Schedule	E9	X	Derived from contractor account info.
14	Contractor-Email	Contractor/Project Builder point of contact – address.	Summary Schedule	F9	X	Derived from contractor account info.
15	Contractor (Project Builder)-Phone	Contractor/Project Builder point of contact - phone number.	Summary Schedule	G9	X	Derived from contractor account info.
26	Task/Purchase Order #	Federal agency task order number for the project. For non-federal projects this field can be used for the Purchase Order number, if applicable.	Summary Schedule	C14		
27	Contract Number	Federal IDIQ contract number with ESCO - or, for non-IDIQ/non-federal projects, other contract number if applicable.	Summary Schedule	C15		
28	Project Name	The name of the project that's unique. This is entered by the customer when initiating a project on the website.	Summary Schedule	C16	X	Entered when project is initiated.
29	Primary Project Location-City	Field-City where a majority of project facility(ies) is/are located. This is derived from the project zip code, which the customer enters when initiating a project on the web site.	Summary Schedule	C17		Derived from project ZIP.
30	Primary Project Location-State	Field-State where a majority of project facility(ies) is/are located. This is derived from the project zip code.	Summary Schedule	C18		Derived from project ZIP.
31	Primary Project Location-Zipcode	Zipcode where a majority of primary facility(ies) are located. This is entered by the customer when initiating a project on the website.	Summary Schedule	C19	X	Entered when project is initiated.
32	Agency Name*	For federal projects, the federal cabinet agency name for the sub agency engaging in project. For non-federal projects, the top-level agency or department that pertains to the customer's organization.	Summary Schedule	C20	X	
33	Sub Agency Name/Region	Sub agency or department where the project is being implemented.	Summary Schedule	C21		
34	Project ID #	Unique ID to identify the project.	Summary Schedule	C22		

ID	Field Name	Description	Sheet	Cell	Recommended for State/Local Agencies to Require	Notes
35	List of Sites	List of affected sites (separate site names with commas).	Summary Schedule	G14		
36	Number of Buildings in Project	Number of buildings affected by the retrofit.	Summary Schedule	G15		
37	List of Buildings in Project	List of affected buildings (separate building names with commas).	Summary Schedule	G16		
38	Market Segment	Market segment of the project. This is entered by the customer when initiating a project on the website.	Summary Schedule	G17	X	Entered when project is initiated.
39	Total Floor Area Affected by Project (square feet)	Floor area affected by project in square feet.	Summary Schedule	G18	X	
40	Average Annual Energy Consumption of Affected Buildings	Average annual baseline blended energy consumption of affected buildings in MMBtus.	Summary Schedule	G19		
41	Implementation Period (months)*	Estimated implementation period, in months, from project award to project acceptance (federal projects). For non-federal projects this is the period from contract execution to project acceptance or the beginning of the guarantee period.	Summary Schedule	G20	X	
48	Project Award Date (mm/dd/yyyy)	The date of the contract signing.	Summary Schedule	C32	X	
55	Federal Contract Type	Type of federal contract; choose from: Department of Energy-IDIQ, U.S. Army Corps of Engineers-MATOC, UESC, Other. This is entered by the customer when initiating a project on the website. Not applicable to non-federal projects.	Summary Schedule	C39		Federal projects only; entered when project is initiated.
56	Primary Electric Utility	Name of utility providing majority of the electricity.	Summary Schedule	C40		
57	Primary Natural Gas Utility	Name of utility providing majority of the NG.	Summary Schedule	C41		
58	Primary Water Utility	Name of utility providing majority of the water.	Summary Schedule	C42		

ID	Field Name	Description	Sheet	Cell	Recommended for State/Local Agencies to Require	Notes
66	Template Errors/Warnings	Errors/warning messages to indicate issues with the data entered in the template.	Summary Schedule	F42		Derived
301	ECM - Technology Category	ECMs are categorized based on the type of system and equipment involved in the project (See section 11).	Schedule-2a	A9-A<n>	X	
302	ECM Number	A unique number to identify the energy conservation measure that's included in the project.	Schedule-2a	B9-B<n>		
303	ECM Description-Title*	Brief description of the installed energy conservation measure.	Schedule-2a	C9-C<n>	X	
304	ECM Size	Capacity or size of the equipment installed as part of the measure (e.g., chillers/package units – tons, variable frequency drives (VFDs) – horsepower, etc.).	Schedule-2a	D9-D<n>		
305	ECM Coverage	Percentage of total project floor area affected by the ECM.	Schedule-2a	E9-E<n>		
317	Location	Building location of ECM installation	Schedule 2a	G9-G<n>		
306	M&V Expense	Up-front cost of M&V activity for an ECM (\$).	Schedule-2a	G9-F<n>		
307	Implementation Cost (Direct)	Initial costs associated with implementation of ECM (\$) NOT including post-acceptance performance period expenses associated with the project (e.g., maintenance, M&V services).	Schedule-2a	H9-G<n>	X	
308	Markup (Overhead and Profit)	The costs to accommodate indirect costs and profit for the project	Schedule-2a	I9-H<n>	X	
309	Applied Incentives	Incentives (e.g., rebates or grants) that are being applied to reduce the project's implementation price (and thus the amount financed).	Schedule-2a	J9-I<n>	X	Only if applicable.
310	Project Development Price (PDP)	Price to develop technical energy audit and project proposal.	Schedule-2a	K8		

ID	Field Name	Description	Sheet	Cell	Recommended for State/Local Agencies to Require	Notes
311	Implementation Price for each of the ECMs	$PDP + [a+b] - c.$	Schedule-2a	J9-J<n>		
312	Total Performance Assurance Expense	Total upfront performance assurance Expenses for each ECM.	Schedule-2a	F259		Derived
313	Total Cost of Goods and Services (Base Construction)	Total Cost of Goods and Services (Base Construction) for all the ECMs combined.	Schedule-2a	G259		Derived
314	Total Project Implementation Delivery Charges	Project Implementation Delivery Charges for all of the ECMs combined.	Schedule-2a	H259		Derived
315	Total Applied Incentives	The sum of Applied Incentives for all of the ECMs.	Schedule-2a	I259		Derived
316	Total Implementation Price	Total Implementation Price for all of the ECMs that are part of the project.	Schedule-2a	J259		Derived
503	Incentives and Other Payments	Incentives (e.g., rebates, Recess payments, or DR proceeds) expected to accrue during the performance period. Some may be recurring. NOTE: Capital contributions may also be included here.	Schedule-3	D6-AB6	X	Only if applicable.
504	TOTAL Incentives and Other Payments	Total value of all performance period incentives and other payments for the entire performance period (\$).	Schedule-3	AC6		Derived
511	Management/ Administration	Annual expenses for management/administration during the performance period (\$).	Schedule-3	D11-AB11		Only if applicable.
512	TOTAL Management/ Administration - Expense	Calculated field: Total value of all management/administration - expense for the project (\$).	Schedule-3	AC11		
513	Operation	Annual operations expenses included in the project incurred during the performance period (\$).	Schedule-3	D12-AB12		Only if applicable.
514	TOTAL Operation	Calculated field: Total operations - performance period expense for the entire performance period (\$).	Schedule-3	AC12		

ID	Field Name	Description	Sheet	Cell	Recommended for State/Local Agencies to Require	Notes
515	Maintenance	Annual maintenance expenses included in the project incurred during the performance period (\$).	Schedule-3	D13-AB13		Only if applicable.
516	TOTAL Maintenance	Calculated field: Total maintenance - performance period expense for the entire performance period(\$).	Schedule-3	AC13		
517	Repair and Replacement	Annual repair and replacement expenses included in the project incurred during the performance period (\$).	Schedule-3	D14-AB14		Only if applicable.
518	TOTAL Repair and Replacement	Calculated field: Total repair and replacement - performance period expense for the entire performance period (\$).	Schedule-3	AC14		
519	Measurement and Verification	Annual measurement and verification expenses during the performance period (\$).	Schedule-3	D15-AB15	X	Only if applicable.
520	TOTAL M&V	calculated field: total M&V - performance period expense for the entire performance period (\$).	Schedule-3	AC15		
521	Other-PP Expense 1 Type	Type of other performance period expense 1. Choose from dropdown list (Permits & Licenses, Insurance, Property Taxes, other).	Schedule-3	B16		Only if applicable.
522	Other-PP Expense 1	Other 1 performance period expenses (\$).	Schedule-3	D16-AB16		Only if applicable.
523	TOTAL Other 1 - Performance Period Expense	Calculated field: Total Other 1 - performance period expense for the entire performance period (\$).	Schedule-3	AC16		
524	Other-PP Expense 2 Type	Type of other performance period expense 2. Choose from dropdown list (Permits & Licenses, Insurance, Property Taxes, other).	Schedule-3	B17		Only if applicable.
525	Other-PP Expense 2	Other 2 performance period expenses (\$).	Schedule-3	D17-AB17		Only if applicable.
525	TOTAL Other 2 - Performance Period Expense	Calculated field: Total Other 2 - performance period expense for the entire performance period (\$).	Schedule-3	AC17		
530	TOTAL - Performance Period Price	Calculated field: sum of all performance period expenses and performance period delivery charges for each year of the performance period (\$).	Schedule-3	D21-AB21		

ID	Field Name	Description	Sheet	Cell	Recommended for State/Local Agencies to Require	Notes
531	TOTAL - Performance Period Expenses	Calculated field: Sum of all annual performance period expenses for the entire performance period (\$).	Schedule-3	AC21		
601	M&V Option	Identify the m&v methodology used (Option A, B, C, D, RCx, O&M, RCx & O&M, Other)	Schedule-4	C8-C<n>	X	Only if applicable.
602	Baseline Electricity Use (kWh/yr)	Annual ECM baseline electricity usage (kWh).	Schedule-4	D8-D<n>		Only if applicable.
603	TOTAL- Baseline Electricity Use (kWh/yr)	Annual Project baseline electricity usage (kWh).	Schedule-4	D258		Derived. Only if applicable
604	Baseline Electricity Demand (kW/mo)	Annual ECM baseline electric demand (kW/mo).	Schedule-4	E8-E<n>		Only if applicable.
605	TOTAL- Baseline Electricity Demand (kW/mo)	Annual Project baseline electric demand (kW/mo).	Schedule-4	E258		Derived, only if applicable.
606	Baseline Natural Gas Use (MMBtu/yr)	Annual ECM baseline natural gas usage (MMBtu)	Schedule-4	F8-F<n>		Only if applicable.
607	TOTAL- Baseline Natural Gas Use (MMBtu/yr)	Annual Project baseline natural gas usage (MMBtu).	Schedule-4	F258		Derived, only if applicable.
608	Baseline Use: Other (MMBtu/yr)	Annual ECM baseline other energy type 1 usage (MMBtu).	Schedule-4	G8-G<n>		Only if applicable.
609	TOTAL- Baseline Use: Other (MMBtu/yr)	Annual Project baseline other energy type 1 usage (MMBtu).	Schedule-4	G258		Derived, only if applicable.
610	Baseline Use: Other (MMBtu/yr)	Annual ECM baseline other energy type 2 usage (MMBtu).	Schedule-4	H8-H<n>		Only if applicable.
611	TOTAL- Baseline Use: Other (MMBtu/yr)	Annual Project baseline other energy type 2 usage (MMBtu).	Schedule-4	H258		Derived, only if applicable.
612	Baseline Water Use (kGal/yr)	Annual ECM baseline water usage (kGal).	Schedule-4	I8-I<n>		Only if applicable.
613	TOTAL- Baseline Water Use (kGal/yr)	Annual Project baseline water usage (kGal).	Schedule-4	I258		Derived, only if applicable.

ID	Field Name	Description	Sheet	Cell	Recommended for State/Local Agencies to Require	Notes
614	Baseline Energy and Resource Costs (\$/yr)	Annual ECM baseline dollar equivalent of resource savings for the year NOT including O&M and other non-energy resource savings (\$).	Schedule-4	J8-J<n>		Only if applicable.
615	TOTAL - Baseline Energy and Resource Costs (\$/yr)	Annual Project baseline dollar equivalent of resource savings for the year NOT including O&M and other non-energy resource savings (\$).	Schedule-4	J258		Derived, only if applicable.
616	Baseline O&M Costs (\$/yr)	Annual ECM baseline O&M costs (\$).	Schedule-4	K8-K<n>		Only if applicable
617	TOTAL- Baseline O&M Costs (\$/yr)	Annual Project baseline O&M costs (\$).	Schedule-4	K258		Derived, only if applicable.
618	Baseline Other Non-Energy Costs (\$/yr)	Annual ECM baseline - other non-energy costs (\$).	Schedule-4	L8-L<n>		Only if applicable.
619	TOTAL- Baseline Other Non-Energy Costs (\$/yr)	Annual Total baseline - other non-energy costs (\$).	Schedule-4	L258		Derived, only if applicable.
620	Type of Other Non-Energy Costs	Type of other non-energy baseline costs (Select from the drop downs- Capital, Pollution, Other).	Schedule-4	M8-M<n>		Only if applicable.
621	Electric Energy Savings (kWh/yr)	Estimated annual ECM electricity savings (kWh)	Schedule-4	N8-N<n>	X	Only if applicable.
622	TOTAL- Electric Energy Savings (kWh/yr)	Estimated annual Project electricity savings (kWh)	Schedule-4	N8-N<n>		Only if applicable.
623	Electric Energy Savings (\$/yr)	Estimated annual ECM electricity cost saving (\$).	Schedule-4	O8-O<n>	X	Only if applicable. There must be at least one cost savings figure entered in order to calculate project financials.
624	TOTAL- Electric Energy Savings (\$/yr)	Estimated annual Project electricity cost saving (\$).	Schedule-4	O258		Derived, only if applicable.
625	Electric Demand Savings (kW/mo)	Estimated monthly ECM demand savings (kW/mo).	Schedule-4	P8-P<n>	X	Only if applicable.

ID	Field Name	Description	Sheet	Cell	Recommended for State/Local Agencies to Require	Notes
626	TOTAL- Electric Demand Savings (kW/mo)	Estimated monthly Project demand savings (kW/mo).	Schedule-4	P258		Derived, only if applicable.
627	Electric Demand Savings (\$/yr)	Estimated annual ECM demand cost savings (\$)	Schedule-4	Q8-Q<n>	X	Only if applicable. There must be at least one cost savings figure entered in order to calculate project financials.
628	TOTAL- Electric Demand Savings (\$/yr)	Estimated annual Project demand cost savings (\$)	Schedule-4	Q8-Q<n>		Only if applicable. There must be at least one cost savings figure entered in order to calculate project financials.
629	Natural Gas Savings (MMBtu/yr)	Estimated annual ECM natural gas savings (MMBtu)	Schedule-4	R8-R<n>	X	Only if applicable
630	TOTAL- Natural Gas Savings (MMBtu/yr)	Estimated annual Total natural gas savings (MMBtu)	Schedule-4	R258		Derived, only if applicable.
631	Natural Gas Savings (\$/yr)	Estimated annual ECM natural gas cost savings (\$)	Schedule-4	S8-S<n>	X	Only if applicable. There must be at least one cost savings figure entered in order to calculate project financials.
632	TOTAL- Natural Gas Savings (\$/yr)	Estimated annual Project natural gas cost savings (\$)	Schedule-4	S258		Derived, only if applicable.
633	Other Savings Type 1 (MMBtu/yr)	Estimated annual ECM savings - Other 1 energy type (MMBtu). (The savings type in row 5 is populated from the Escalation Rates tab).	Schedule-4	T8-T<n>	X	Only if applicable.

ID	Field Name	Description	Sheet	Cell	Recommended for State/Local Agencies to Require	Notes
634	TOTAL- Other Savings Type 1 (MMBtu/yr)	Estimated annual Project savings - Other 1 energy type (MMBtu). (The savings type in row 5 is populated from the Escalation Rates tab).	Schedule-4	T258		Derived, only if applicable.
635	Other Savings Type 1 (\$/yr)	Estimated annual ECM cost savings - Other1 energy type (\$).	Schedule-4	U8-U<n>	X	Only if applicable. There must be at least one cost savings figure entered in order to calculate project financials.
636	TOTAL- Other Savings Type 1 (\$/yr)	Estimated annual Project cost savings - Other1 energy type (\$).	Schedule-4	U258		Derived, only if applicable.
637	Other Savings Type 2 (MMBtu/yr)	Estimated annual ECM savings - Other 2 energy type (MMBtu). (The savings type in row 5 is populated from the Escalation Rates tab).	Schedule-4	V8-V<n>	X	Only if applicable.
638	TOTAL- Other Savings Type 2 (MMBtu/yr)	Estimated annual ECM savings- Other 2 energy type (MMBtu).	Schedule-4	V258		Derived, only if applicable.
639	Other Savings Type 2 (\$/yr)	Estimated annual ECM cost savings - Other 2 energy type (\$).	Schedule-4	W8-W<n>	X	Only if applicable. There must be at least one cost savings figure entered in order to calculate project financials.
640	TOTAL- Other Savings Type 2 (\$/yr)	Estimated annual Project cost savings - Other 2 energy type (\$).	Schedule-4	W258		Derived, only if applicable.
641	Total Energy Savings (MMBtu/yr)	Calculated field: Sum of all energy savings for each ECM (MMBtu).	Schedule-4	X8-X<n>		Only if applicable.
642	TOTAL- Total Energy Savings (MMBtu/yr)	Calculated field: Sum of all energy savings for all of the ECMs in the project (MMBtu).	Schedule-4	X258		Derived, only if applicable.

ID	Field Name	Description	Sheet	Cell	Recommended for State/Local Agencies to Require	Notes
643	Total Energy Cost Savings (\$/yr)	Calculated field: Sum of all the energy and water cost savings (\$) for each ECM.	Schedule-4	Y8 through Y<n>		Only if applicable.
644	TOTAL- Total Energy Cost Savings (\$/yr)	Calculated field: Sum of all the energy and water cost savings (\$) for all of the ECMs in the project.	Schedule-4	Y258		Derived, only if applicable.
645	Water Savings (Kgal)	Estimated water savings (Kgal) for each ECM.	Schedule-4	Z8- Z<n>	X	Only if applicable.
646	Total Water Savings (Kgal)	Sum of all water savings (Kgal) for the project.	Schedule-4	Z258		Derived; only if applicable.
647	Water Savings (\$/yr)	Estimated annual cost savings due to reduction in Water usage (\$) for each ECM.	Schedule-4	AA8- AA<n>	X	Only if applicable. There must be at least one cost savings figure entered in order to calculate project financials.
648	TOTAL- Water Savings (\$/yr)	Estimated annual cost project savings due to reduction in Water usage (\$).	Schedule-4	AA258		Derived, only if applicable.
649	O&M Cost Savings (\$/yr)	Estimated annual savings due to avoided O&M costs for each ECM.	Schedule-4	AB8 - AB<n>	X	Only if applicable. There must be at least one cost savings figure entered in order to calculate project financials
650	TOTAL- O&M Cost Savings (\$/yr)	Estimated Project annual savings due to avoided O&M costs.	Schedule-4	AB258		Derived, only if applicable.

ID	Field Name	Description	Sheet	Cell	Recommended for State/Local Agencies to Require	Notes
651	Other Non-Energy Cost Savings (\$/yr)	Estimated annual savings due to avoided non-energy costs for each ECM.	Schedule-4	AC8-AC<n>	X	Only if applicable. There must be at least one cost savings figure entered in order to calculate project financials.
652	TOTAL- Other Non-Energy Cost Savings (\$/yr)	Estimated Project annual savings due to avoided non-energy costs.	Schedule-4	AC258		Derived, only if applicable.