



Survey Invitations

Invitations Sent: **0**
 Invitations Accepted: **0**
 Untracked Responses: **307**
 Total Responses Received: **307**

Results Filtering

Select

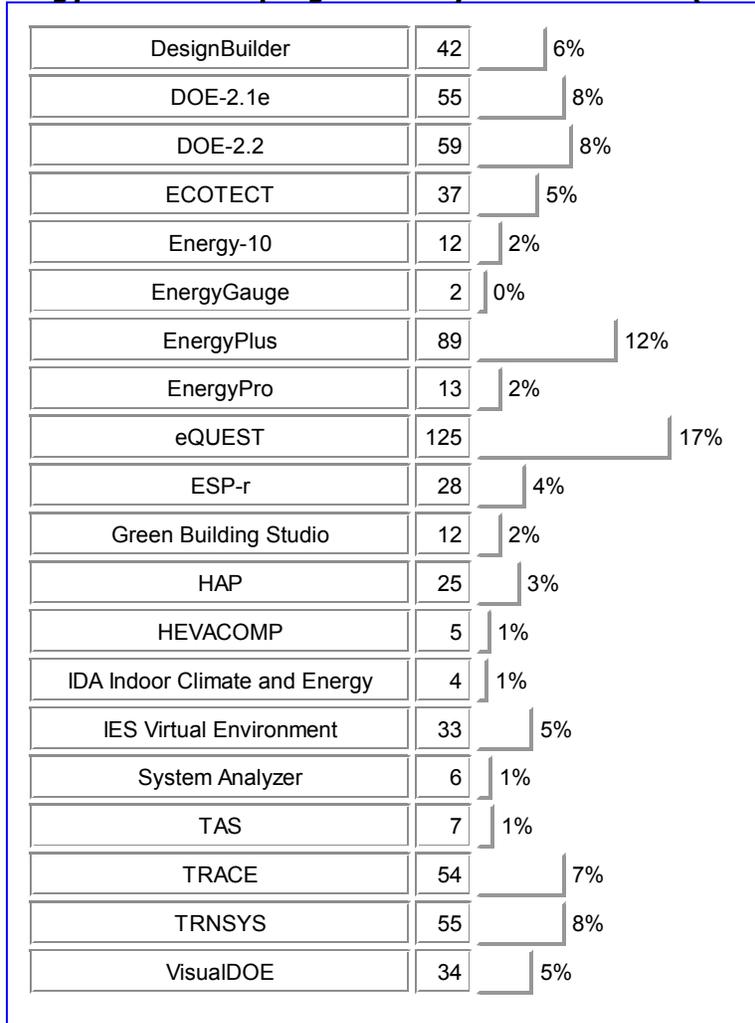
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Question 1

What building energy simulation programs do you know well? (choose one or more)



Other (please enter in comment box) 32 4%

ID	Comments	View Survey
1471472	WUFI Plus	View
1481067	BSim (Danish) VELUX Energy and Indoor Climate Visualizer	View
1485522	PowerDomus	View
1485559	EE4 VERSION 1.7	View
1485567	RADIANCE	View
1485584	EE4 (Canadian version) of DOE 2.1e and RETScreen	View
1485989	EE4	View
1486097	SIMIEN - Norwegian program	View
1486461	Radiance	View
1491166	I also used EFFEEn, window 5, Daylight	View

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Question 2

What other building energy simulation programs have you used? (choose one or more)

DesignBuilder	45	7%
DOE-2.1e	22	3%
DOE-2.2	23	3%
ECOTECT	63	9%
Energy-10	28	4%
EnergyGauge	10	1%
EnergyPlus	99	14%
EnergyPro	25	4%
eQUEST	73	11%
ESP-r	30	4%
Green Building Studio	23	3%
HAP	30	4%
HEVACOMP	7	1%
IDA Indoor Climate and Energy	9	1%
IES Virtual Environment	38	6%
System Analyzer	13	2%
TAS	13	2%
TRACE	49	7%
TRNSYS	47	7%
VisualDOE	27	4%
Other (please enter in comment box)	11	2%

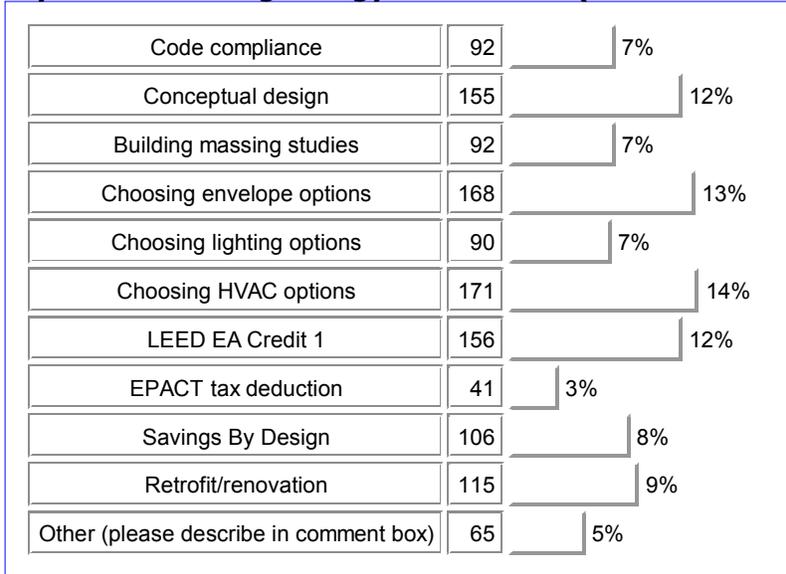
ID	Comments	View Survey
1447059	Wrote my own load analysis spreadsheets	View
1447102	HEED	View
1450901	EFEN COMFEN WINDOW OPTIC RADIANCE	View
1451336	kapsol	View
1453555	BLAST	View
1471472	WUFI Plus	View
1485522	CODYBA	View
1485621	ASEAM	View
1490903	Dymola/Modelica	View
1492142	long ago and far away...	View

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Question 3

Why do you use building energy simulation? (choose one or more)



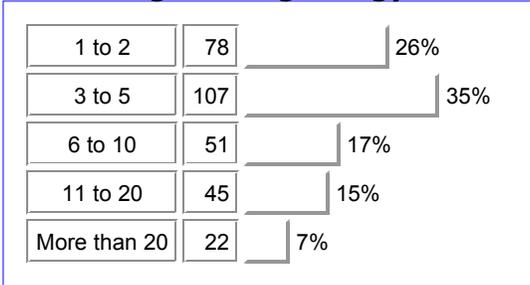
ID	Comments	View Survey
1485621	Oregon's SEED program, Oregon's Business Energy Tax Credits, Washington's ELCCA, to meet energy requirements of utilities.	View
1485673	State incentive programs	View
1486436	Detailed energy audits	View
1486588	Research, education	View
1486860	Passive design	View
1488740	research	View
1491883	Research	View
1492142	M & V	View
1492956	Evaluating building controls strategies	View
1492965	R&D	View

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Question 4

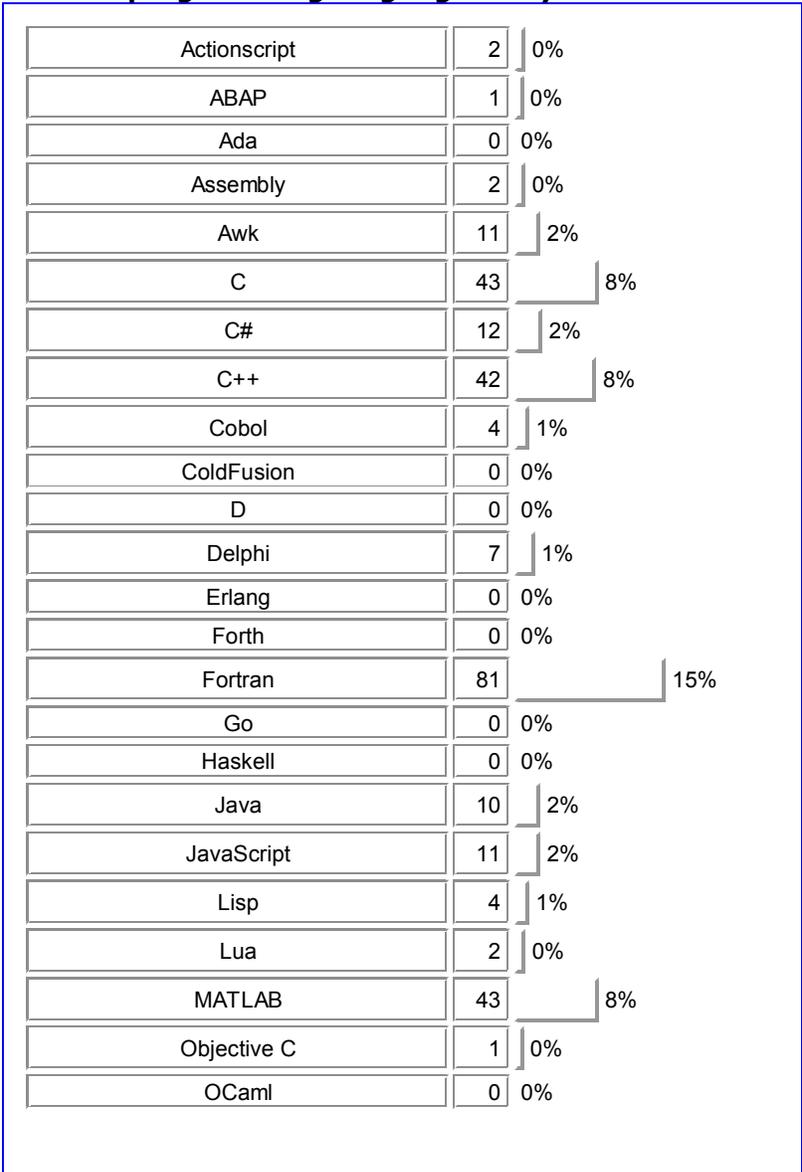
How many years have you been using building energy simulation software? (choose one)



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Question 5

What programming languages do you know well?



PHP	8	1%
Pascal	13	2%
Perl	12	2%
PL/SQL	1	0%
Python	6	1%
Rexx	0	0%
Ruby	4	1%
SAS	0	0%
Scala	1	0%
SQL	14	3%
Scratch	0	0%
Scheme	1	0%
Shell	7	1%
Smalltalk	0	0%
Tcl	3	1%
Visual Basic	50	9%
VBA	43	8%
Other (please put name in comment box)	8	1%
None	105	19%

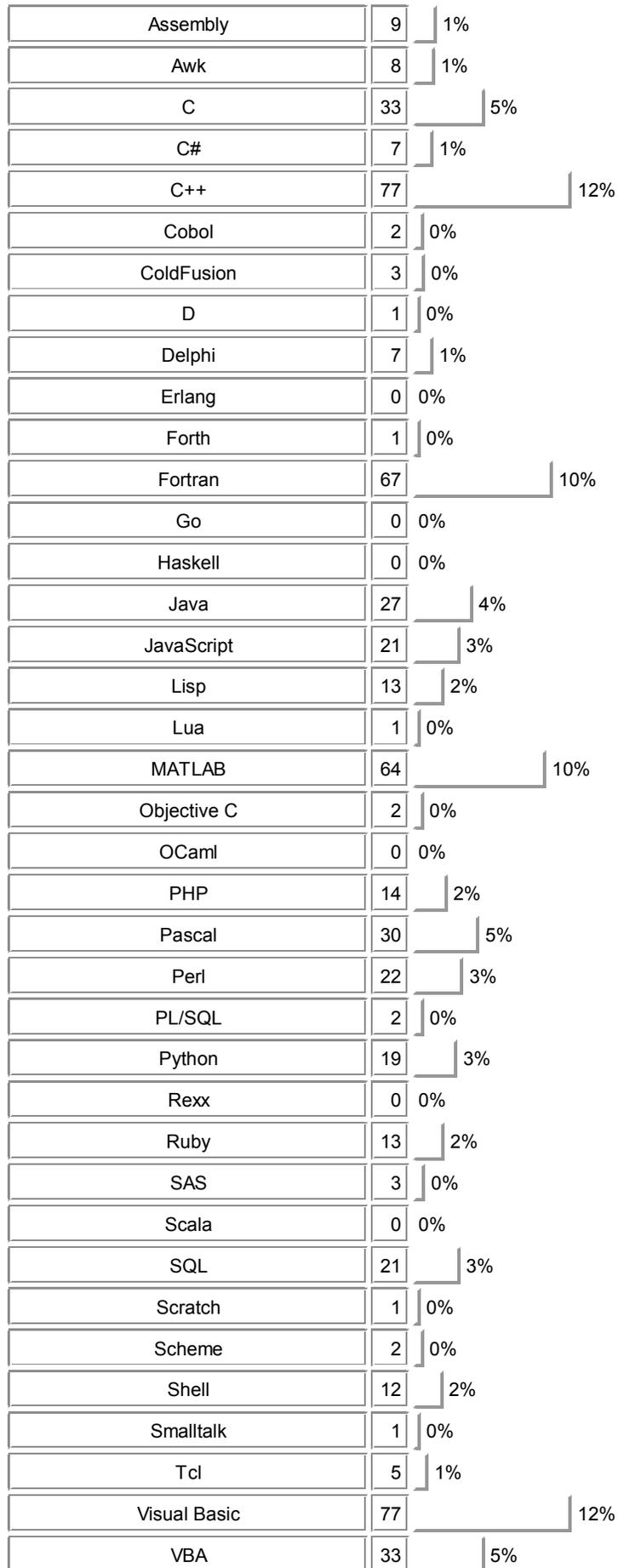
ID	Comments	View Survey
1446579	None	View
1447102	Realbasic	View
1447725	I learn Qbasic back in my undergraduate but I'm learning Fortran	View
1448387	modelica	View
1450518	excel basic	View
1450599	Modelica	View
1466231	None now, formerly Fortran, Pascal, basic. I have others program for me and they use SAS, VBA, C#, SQL, .NET, ColdFusion. For data analysis we use SAS & Access-Excel+VBA	View
1466543	I know VBA well enough to write simple macro's.	View
1471472	Maple Maxima	View
1491166	quick basic, Fortran	View

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Question 6

What other programming languages have you used?

Actionscript	0	0%
ABAP	0	0%
Ada	1	0%



Other (please put name in comment box)	8	1%
None	58	9%

ID	Comments	View Survey
1444738	written models using NMF	View
1445700	Very familiar with Fortan 90	View
1445881	AutoLISP (AutoCAD's Lisp ... some years ago!)	View
1446579	1974 college	View
1453614	ladder logic	View
1458307	EES	View
1469535	APL	View
1471472	Maple Maxima	View
1491166	quick basic	View
1492142	once again, long ago and fara away...	View

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Question 7

What kind of contribution would you be willing to make toward an open-source project related to building energy simulation?

Programming	55	9%
Testing	164	26%
Documentation	64	10%
Web design	11	2%
Engineering research	108	17%
Funding	8	1%
Use the software	202	31%
No thanks	30	5%

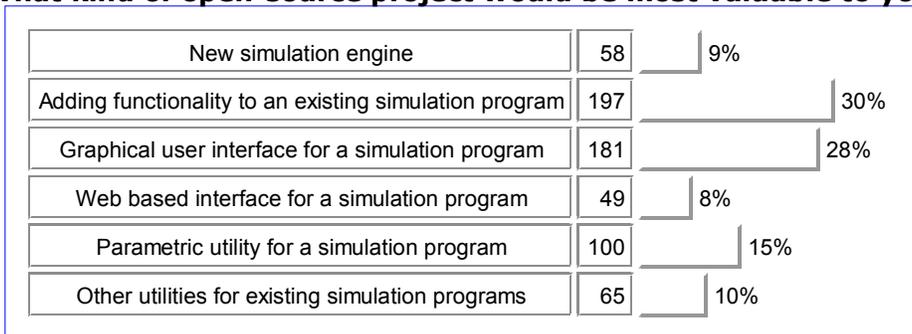
ID	Comments	View Survey
1445881	Of course, my involvement would depend on the size, scope and community involvement in the project. There are already open source (GPL) energy simulation cores available that I'm involved with (i.e., ESP-r). There is a void in open source GUIs.	View
1445903	I would want to know more about the effort before considering a contribution.	View
1448029	case studies	View
1448796	Not just any open-source project.	View
1451717	Although willing to do the above, avaiolable time is limited (I cannot do ALL, or do them in a hurry)	View
1466231	No time to spend on this, and we already get good support from eQUEST/DOE2.2 folks, so I can't really see the need for this.	View
1485621	I might use the software if it was easy to learn and if I learned it well I might provide training in it.	View
1485673	Limited availability to contribute but may be able to help.	View

1489430	I've done a lot of DOE2.1E function writing, and post-processing. I'm not sure if my current company would be willing to share, but I would.	View
1492142	not sure...	View

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Question 8

What kind of open-source project would be most valuable to you?



ID	Please write in any other ideas	View Survey
1471905	Coupling of existing programs	View
1472431	Adding additional system types such as a chiller heater and passive chilled beam systems. The workarounds just don't provide good results.	View
1481067	Easy comparison of results	View
1485489	Baseline / reference model ruleset utilities could have tremendous value to industry	View
1485584	Linking RETScreen (an Excel based energy spreadsheet to E-Quest	View
1485613	Improve the connection between EnergyPlus and OpenStudio	View
1485625	testing conceptual design	View
1485938	interoperability (data/model sharing) between existing simulation programs.	View
1486540	- Quality control of existing open source simulation program. - Streamlining input of existing open source simulation program. - Homogenisation of input of existing open source simulation program	View
1492956	I think that creating a usable graphical user interface for the full functionality of EnergyPlus would be the most useful and feasible project at this point in time. The user interface can have some pre-processing functionality to help streamline model runtimes.	View

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