# OpenStudio Contribution Proposal

# Scope and timeline agreement

<Project Title>

<CONTRIBUTOR NAME(S), address, phone, email>

<AFFILIATION(S>)

<DATE, VERSION>

Our open source software benefits greatly from the contributions of its user base and the development community. If the contribution that you wish to propose is aligned with the OpenStudio’s goals and strategy, we would love to hear from you. To evaluate your proposed contribution, this document:

* Describes why you wish to contribute to the OpenStudio.
* Gives a detailed description of the project that you are proposing.
* Describes the precise functionalities that you plan to implement as part of the project.
* Provides a timeframe for implementation.

Please refer to the OpenStudio Contribution Policy document for reference and guidance.

Please provide complete answers to the following and return to:

Tim Coleman

OpenStudio Project Management

[Tim.Coleman@nrel.gov](mailto:Tim.Coleman@nrel.gov)

## Justification

1. WHAT NEEDS OR GAPS THIS CONTRIBUTION IS ADDRESSING AND HOW WILL THIS CONTRIBUTION ADVANCE THE OPENSTUDIO PROJECT?
2. WHO WILL BE USING AND BENEFITING FROM YOUR CONTRIBUTION? WHAT IS YOUR TARGET AUDIENCE?

## Overview

1. PLEASE DESCRIBE WHAT THE CONTRIBUTION WILL DO AND WHAT IT WILL NOT DO (PROJECT SCOPE).
2. PLEASE DESCRIBE MAJOR FUNCTIONALITIES.

## Contributor

1. PLEASE DESCRIBE YOUR BACKGROUND AND HOW THAT RELATES WITH YOUR CONTRIBUTION.
2. PLEASE DESCRIBE YOUR EXPERIENCE AS A SOFTWARE DEVELOPER.
3. PLEASE DESCRIBE HELP OR RESOURCES THAT YOU ANTICIPATE NEEDING TO COMPLETE YOUR CONTRIBUTION.

## Timeline

We require that you align your contributions with the OpenStudio release schedule. OpenStudio is released publicly every six (6) months (mid-April and mid-October). There are cutoff dates after which new code contributions are not allowed to proceed in an upcoming release. We call these dates “code freeze” (end of February and end of August). However, these “frozen” contributions may be re-targeted for the following public release.

1. PLEASE DESCRIBE LEVEL OF COMMITMENT FOR THE CONTRIBUTION AND EXPECTED AVERAGE HOURS PER WEEK.
2. CAN THE CONTRIBUTION BE COMPLETED ALL WITHIN ONE OPENSTUDIO RELEASE TIMEFRAME (SIX MONTHS, AND BY CODE FREEZE DATE FOR THAT RELEASE)?
3. WHEN YOU WILL BE AVAILABLE TO START, AND WHEN WILL THE CONTRIBUTION BE READY FOR ACCEPTANCE TESTING?
4. DO YOU ANTICIPATE MULTIPLE SMALLER CONTRIBUTIONS MAKING THE OVERALL CONTRIBUTION COMPLETE?
5. WHAT OPENSTUDIO RELEASE ARE YOU TARGETING FOR FINAL INCLUSION?
6. PLEASE PROVIDE MAJOR MILESTONES/DELIVERABLES AND EXPECTED COMPLETION DATES.

## Technical Approach

1. HOW WILL THE CONTRIBUTION BE IMPLEMENTED?
2. PLEASE DESCRIBE FUNCTIONALITIES INTRODUCED, PROGRESSION OF WORK AND EXPECTED TIMELINE.
3. WHICH PARTS OF OPENSTUDIO DO YOU ANTICIPATE WILL BE MODIFIED? WHAT WILL BE ADDED OR REMOVED?

## Testing/Validation/Data Source(s)

ARE YOU WILLING TO CONTRIBUTE UNIT AND REGRESSION TESTS AS PART OF CODE DELIVERY?

ARE YOU WILLING TO ADDRESS BUGS INTRODUCED AS PART OF THE CONTRIBUTION?

## Developer/Design Documentation

ARE YOU WILLING TO PROVIDE DEVELOPER/DESIGN DOCUMENTATION IN SUPPORT OF THE CONTRIBUTION?

## User Documentation

ARE YOU WILLING TO PROVIDE USER DOCUMENTATION IN SUPPORT OF THE CONTRIBUTION BEFORE IT IS INCLUDED IN THE OPENSTUDIO RELEASE?

## OpenStudio IDD Changes

WHAT CHANGES (IF ANY) TO THE OPENSTUDIO IDD ARE REQUIRED FOR THIS CONTRIBUTION?