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## **Indiana Engineering Achievement Award**

This award recognizes products recently developed or projects recently completed in Indiana that are notable for their ingenuity, quality of design, functionality, energy efficiency, and/or improvement in the environment.

**Qualifications:** The product/project must involve substantial engineering which was carried out through the involvement of licensed professional engineers, at least one of whom must be a member of ISPE.

**Method of Selection:** Selection of the product/project based on the following criteria:

- Innovation
- Performance
- Environmental Friendly
- Maintainability/Sustainability
- Complexity
- Value

**Nomination Format:** Complete nomination packets shall not exceed fifteen (15) 8.5" x 11" pages. Submissions must include the attached Nomination Form as the cover page. This form and all accompanying sheets – except for supporting documentation -- shall be typed in 11-point Arial font. Supporting pages shall identify to which of the six criteria categories each applies. Lastly, please provide a statement of 500 words or less, which is suitable to be used as a press release that provides an overview of the product/project and summarizes why it is deserving of this award. Provide at least two media outlets to which this statement should be sent if the nominee is selected for this award.

All entries must be in a single MS Word or PDF file and be submitted electronically as an attachment to an e-mail sent to [info@indspe.org](mailto:info@indspe.org).

**Deadline to Submit Nominations: May 26**

**Presentation:** The award will be bestowed at the ISPE Annual Conference in June.

*Revised January 2019*

## Indiana Engineering Achievement Award Criteria

**Minimum Requirements:** The product/project must have been developed within the last three years within Indiana. At least one of the licensed professional engineers involved must be a member of ISPE in good standing. The nominee must be an NSPE member in good standing.

**Evaluation Criteria:** The Awards committee members will evaluate the product/project based on the six criteria categories and score each with a maximum amount of points based on the following table.

Criteria Category	Maximum Points
Innovation	10
Performance	20
Environmental Friendly	10
Maintainability/Sustainability	10
Complexity	10
Value	40
<i>Total for all Categories</i>	<i>100</i>

### Indiana Engineering Achievement Award Basis for Nomination

**1. Innovation:** Describe how this product is unique from other products providing the same or similar functions. Describe how new or current technology is used in the manufacture or production of this product and/or what novel engineering principles are incorporated into its design.

**2. Performance:** Does the product or project perform to the level required? Are metrics developed to measure performance? If so, what are the measured before and after measurements? What are the net benefits and financial return on investment? What are the metrics (e.g. time, cost, performance, skills, sales, new markets, customer satisfaction)?

**3. Environmental Friendly:** Does the product or project improve organizational recycling efforts? Does it use renewable energy or reduce energy consumption? Describe the improvement of energy efficiency, waste reduction, sustainability, and climate control (measured in kwh, btu, etc.). Describe the improved safety in the production process or to consumer in use of product (or results of the project).

**4. Maintainability/Reliability:** Does it improve the probability that a failed equipment, machine, or system can be restored to its normal operable state within a given timeframe, using the prescribed practices and procedures? Does it improve the ability of a system or component to perform its required functions under stated conditions for a specified period of time?

**5. Economic Impact:** Describe the products or projects impact (or anticipated impact) on the Indiana economy. Discuss the use of raw materials, jobs and/or engineering positions created, market share, exports, etc.

**6. Value:** Describe the savings in final cost of product, savings to user of product, savings to environment in its production or use or savings over previous product performing the same function. Describe the efficiency in design and/or production or in ease of use of product, or increased efficiency or ease of use resulting from additional functions over that of a previous product.

## Indiana Engineering Achievement Award Nomination Form

Name/Title of Product/Project:

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Date of Application: \_\_\_\_\_

Product/Project Owner: \_\_\_\_\_

Owner Address: \_\_\_\_\_

\_\_\_\_\_

Daytime Phone: ( ) Cell: ( ) \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Owner Web Address: \_\_\_\_\_

Name(s) of Professional Engineers Involved:

Name: \_\_\_\_\_ Licensure: \_\_\_\_\_

Classification State License No.

Name: \_\_\_\_\_ Licensure: \_\_\_\_\_

Classification State License No.

Name: \_\_\_\_\_ Licensure: \_\_\_\_\_

Classification State License No.

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Nominator Name: \_\_\_\_\_

Nominator ISPE Chapter Affiliation: \_\_\_\_\_

Nominator NSPE Member Number: \_\_\_\_\_

Nominator Home Address: \_\_\_\_\_

\_\_\_\_\_

Nominator Daytime Phone: ( ) Cell: ( ) \_\_\_\_\_

Nominator E-mail Address: \_\_\_\_\_