



## Integrated Clean Energy

This category will be awarded to a nominated project that has demonstrated excellence in integrating high levels of energy productivity and renewable energy at the site, portfolio, precinct or community level. Judges will consider aspects of performance, leadership and innovation. Applicants do not need to provide information against all of the following criteria, but providing relevant information against a number of criteria will increase the likelihood of receiving an award.

### Performance

In addition to the criteria considered for other award categories, for this award judges will also consider:

<b>Renewable Energy Fraction (REF)</b>	Renewable energy fraction is defined as the proportion of total annual energy consumption provided by renewable energy. Judges will consider the proximity of the applicant to achieving a 100% REF outcome.
<b>Energy Productivity (EP)</b>	Energy productivity is defined as economic value derived per unit of energy consumed. Judges will consider the significance of EP improvement in both relative and absolute terms.
<b>Integration</b>	Describe how energy productivity and renewable energy have been combined and integrated synergistically to optimise technical and financial outcomes for the energy user and the broader energy supply system.
<b>Relative performance</b>	Where possible, processes or sites should be compared to relevant industry, national or international benchmarks for REF and EP or other related energy metrics.
<b>Qualitative benefits</b>	Judges may also consider demonstrated improved social, community or other qualitative benefits.

### Leadership

<b>Catalysing change</b>	An increasing number of organisations are demonstrating interest in transitioning to a fully renewably powered future. Judges will consider how the project supports this outcome and helps catalyse change in the sector, either by demonstrating a new technology, demonstrating or pioneering integrated clean energy in the sector or raising the benchmark for existing integrated clean energy performance. Judges will also consider the extent to which the project is a 'leading' project, the effort by the nominees in overcoming barriers and the effort by the nominees or partners to share the knowledge gained.
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### Innovation

<b>New technology, process or business model</b>	Judges will consider how the project innovatively solves technical and/or business model barriers to achieving a high REF and EP outcome. For example, this could be via technical integration of onsite generation and energy use, or technical and /or market devices to align energy consumption with offsite generation profiles.
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## Notes

To nominate for the Integrated Clean Energy Award a nomination must first be completed in one of the following award categories:

- Best Commercial Building Energy Efficiency Project;
- Best Industrial Energy Efficiency Project;
- Best Residential Energy Efficiency Project;
- Best Energy User.

Nominees in the above categories will then be invited to nominate for the Integrated Clean Energy Award.

Performance will be judged at the site, portfolio, precinct or community level. Nominations may be for:

- Projects that cover a site;
- Projects that cover an entire precinct/campus;
- Projects that cover a portfolio of sites;
- Projects that cover a community.

Performance will be not bejudged by the performance of an isolated component below site level. For example, if the refrigeration system of a site has a renewable energy fraction of 100% but the site has a renewable energy fraction of 20%, you will be judged on the 20% achievement.

Renewable energy fraction is defined as

$$REF = E_{\text{renewable}}/E_{\text{total}}$$

where  $E_{\text{renewable}}$  is the sum of

- Renewable energy generated on site; *plus*
- Renewable energy imported from offsite; *less*
- Renewable energy exported.

$E_{\text{total}}$  is the sum of all energy of all forms used at the site, portfolio, precinct or community level.

The improvement in REF is measured as the difference between a baseline case (either a “before” case or a “default solution” case) and the project or activity case.

Energy productivity is the measure of value created per unit of energy used. Energy productivity may be measured in a project relevant metric such as production per unit input energy; sales income per unit input energy or other relevant metric.

Examples of relevant energy productivity metrics include, but are not limited to:

- \$(product or service) / GJ(energy used);
- tonne(product) / GJ(energy used);

Metrics are likely to be specific to the activity and are not mandated. However, EEC will consider the appropriateness of the selected metric and the projected metric improvement and magnitude when considering the merit of an application.

## Claims regarding carbon neutrality and renewable energy use

Retirement of Large Generation Certificates, Small Technology Certificates and other similar instruments is **NOT** required under this award as the intent is to demonstrate excellence in integrating renewable energy supply with energy use. Conferring of this award will **NOT** infer any progress toward carbon neutrality or accredited renewable energy use goals.

Projects should have been completed OR the results confirmed between 1 October 2016 and the date the project is nominated.

## Terms & Conditions of Entry

### Entry Process

1. To enter the National Energy Efficiency Awards 2018, you must comply with these terms and conditions of entry.
2. Entries will only be accepted via the official entry form and in line with the guidelines and word counts provided.
3. You may only enter a project or initiative in one award category.
4. The EEC reserves the right to allocate a nomination to an alternate category should the judging panel deem it more relevant.
5. If you have more than one project or initiative, you may enter each project or initiative once into separate award categories. You must complete a new nomination form for each nomination.
6. You must complete the entry form fully addressing the judging criteria provided in this document.
7. Entries (including supporting information) close at 5pm AEST on Thursday 31 August 2018.
8. No late submissions will be accepted.
9. Claims made in your entry must be true and correct. The EEC reserves the right to declare your entry ineligible if, in the reasonable opinion of the EEC, the information provided in your entry is deficient, false or misleading in any way.
10. You may self-nominate for any award with the exception of the *Young Energy Efficiency Professional* and *Energy Efficiency Champion* categories where nominations must be received by a third party.
11. If you nominate a third party, the nominated party must, on request, provide written evidence that they accept these terms and conditions of entry.
12. Entrants agree to attend or provide representation at the National Energy Efficiency Awards 2018 Gala Dinner and other relevant publicity activities if they are short-listed as a finalist.
13. Entrants must declare any perceived conflicts of interest in their entry.

### Privacy & Intellectual Property

14. By submitting an application, the entrant:
  - a) Warrants that the entry and the project or initiative which is the subject of the entry do not infringe on the copyrights, trademarks, moral rights, rights of privacy or publicity or intellectual property rights of any person or entity, and that no other person or entity has any right, title, claim or interest in the entry or the project or initiative which is the subject of the entry;
  - b) Grants an irrevocable, perpetual, world-wide non-exclusive licence to the EEC to reproduce, distribute, display, adapt and modify information contained in your entry (**except for confidential information identified by the entrant in accordance with clause 16**) and any intellectual property subsisting in it in connection with the National Energy Efficiency Awards 2018 and to promote the National Energy Efficiency Awards 2018 in any media now or hereafter known, including but not limited to web content, advertising, publications and on screen content;
  - c) Acknowledges that entries (including supporting evidence provided for the purposes of a National Energy Efficiency Awards 2018 nomination) become the property of the EEC and will not be returned;

Nominations close 5pm, 31 August 2018

- d) Grants the EEC an unrestricted right to use all statements made in connection with the National Energy Efficiency Awards 2018 and images of the entrant or which resemble the entrant in any reasonable manner, and to permit third parties to do so, at the EEC's sole discretion; and
  - e) Acknowledges that the EEC will not be required to pay any additional consideration or seek any additional approval in connection with the uses described in this clause (except where prohibited by law).
15. Subject to clause 16, information contained within the entries of National Energy Efficiency Awards 2018 winners and finalists will be made public. It is a condition of entry that you give permission to publish your entry including your name and any photograph of you provided as part of your entry. This information may be used by the EEC for promotional purposes.
  16. Entrants must indicate any confidential information (including commercial and personal information) provided in their application that is not intended for public release. The Energy Efficiency Council will not publish confidential information identified in accordance with this clause.
  17. The Energy Efficiency Council will recognise and promote award winners. Entrants should be prepared to allow case studies of their entries to be prepared by the Energy Efficiency Council, and must provide input and information for those case studies as reasonably required. Case studies may be made public, except for confidential information (including photographs) identified in accordance with clause 16.
  18. By entering the National Energy Efficiency Awards 2018, you consent to photographs of you being taken at the Gala Dinner and Awards Ceremony and other relevant publicity activities, and to the use of such photographs in promotional material published by the Energy Efficiency Council, including on its website, social media platforms and printed materials.

### **Judging**

19. The judges' decisions are final and no further correspondence regarding the judges' decisions will be entered into.
20. The panel of judges consists of experts in a range of fields. Judges will score nominations against the judging criteria for each award category and supporting information supplied.
21. The panel of judges may nominate entries for any award category and must declare any perceived conflicts of interest if they do so.
22. Judges may elect to present more than one award per category to reflect outstanding achievement.