

30A	RULES FOR	RENEWABLE	ENERGY
	GENERATION		

Policies 16A.4.1 – 16A.4.5

Activities Tables

30A.1 Subdivision Activities	Activity Status	Zone
The operation and maintenance of existing renewable energy generation facilities	P	All
Any solar panel mounted to any building	P	All
Roof-mounted small scale wind turbines	P	All
Freestanding small scale wind turbines	P	All
Temporary renewable energy assessment and research structures	P	Rural Open Space Business Industrial
Solar panels that do not comply with one or more of the permitted activity standards	RD	All
Small scale roof-mounted and freestanding wind turbines that do not comply with one or more of the permitted activity standards	RD	All
Temporary renewable energy assessment and research structures that do not comply with one or more of the permitted activity standards and are not located on a site	RD	All
Land based structures that support in-stream hydro or marine energy generation provided that they are not located: <ul style="list-style-type: none"> • on a site containing an item listed in the Schedule of Significant Heritage Features 26.8 • within an esplanade reserve or strip • within any riparian setback • on any legal road (formed or unformed) 	RD	Rural Open Space Business Industrial
Community scale renewable energy generation activities, including associated construction and commissioning activities provided that they are not located: <ul style="list-style-type: none"> • on a site containing an item listed in the Schedule of Significant Heritage Features 26 • within an esplanade reserve or strip • on any legal road (formed or unformed) and any structures are set back at a distance of not less than three times the height of any generating device or support structure from any site boundary.	RD	Rural
The installation or upgrading of any commercial scale renewable energy generation activities, including associated construction and commissioning activities, whereby for any activity where wind is the energy source, the activity complies with NZS6808:2010.	D	Rural
Any renewable energy generation activity that is not otherwise provided for as a permitted, restricted discretionary or non-complying activity.	D	All

<p>The installation of or upgrading of any community and commercial scale renewable energy generation activities, including associated construction and commissioning activities, renewable energy generation activity:</p> <ul style="list-style-type: none"> • located on a site containing an item listed in the Schedule of Significant Heritage Features 26.8; or • located within the Southern Hills Overlay; or • that does not comply with NZS6808:2010, where wind is the energy source. 	NC	All
<p>Any renewable energy generation activity located on a site containing an item listed in the Schedule of Significant Heritage Features 26.8</p>	NC	All

Key	<p>P Permitted activity which complies with standards for permitted activities specified in the Plan</p> <p>C Controlled activity which complies with standards for controlled activities specified in the Plan</p> <p>RD Restricted discretionary activity</p> <p>D Discretionary activity</p> <p>NC Non complying activity</p>
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Standards for permitted activities

30A.2 The operation and maintenance of existing renewable energy generation activities.

Policy 16A.4.4

The permitted activity standards for the zone must be complied with.

30A.3 Any solar panel mounted to any building

Policy 16A.4.2

- The permitted building height may be exceeded by no more than 1m
- The sunlight access standard may be exceeded by no more than 1m.
- *Where located on a heritage building listed in the Schedule of Significant Heritage Features 26.8, any solar panel shall:
 - Be located on a roof plane which is not visible from any adjacent public areas
 - Aligned with the plane of the roof

30A.4 Roof-mounted small scale wind turbines

Policy 16A.4.2

- The sunlight access, setback and noise standards for the zone in which the site is located shall be complied with
- The permitted building height may be exceeded by no more than 2m
- There shall be no more than one turbine per site.
- *Shall not be located on a site containing an item listed in the Schedule of Significant Heritage Features 26.8

30A.5

Freestanding small scale wind turbines

Policy 16A.4.2

- The sunlight access, setback and noise standards for the zone that the site is located in must be complied with.
- The permitted building height for the zone may be exceeded by up to, but no more than, 2m.
- There shall be no more than one turbine per site
- *Shall not be located on a site containing an item listed in the Schedule of Significant Heritage Features 26.8.

30A.6

Temporary renewable energy assessment and research structures

Policy 16A.4.3

- Shall comply with the following New Zealand Standards as well as any others relevant to emissions:
NZS6808:2010 Acoustics – Wind Farm Noise
NZS 2772:1999 Radiofrequency Fields
- Must comply with the noise standards for the zone in which they are located.
- Shall not be located on a site containing an item listed in the Schedule of Significant Heritage Features 26.8.
- Any anemometer must not exceed 80 metres in height.
- All structures shall comply with the sunlight access height control plane and setback requirements for the zone in which they are located.
- Any public road damaged in such investigation or assessment activity shall be reinstated to a condition of a similar or improved standard to that which existed prior to commencement of the work;
- No such investigation or assessment period shall exceed five years
- All equipment and structures shall be removed at the end of the investigation and the site shall be restored and rehabilitated to a condition no less than that which existed prior to the works commencing.

Restricted Discretionary Activities

30A.7

Solar Panels that do not comply with one or more of the permitted activity standards.

*Policies 16A4.1,
16A.4.2,
16A.4.5*

Council will restrict its discretion to, and may impose conditions on:

- Any positive effects to be derived from the activity.
- The contribution to achieving national, regional and local energy policy objectives and renewable energy targets;
- Health and safety;
- Layout, design and location of proposed structure;
- Effects on historic heritage;
- Visual, character and amenity effects;
- Adequacy of the methods of mitigation/remediation or ongoing management.

30A.8

Small scale roof-mounted and freestanding wind turbines that do not comply with one or more of the permitted activity standards

*Policies 16A4.1,
16A.4.2,
16A.4.5*

Council will restrict its discretion to, and may impose conditions on:

- All those matters under Rule 30A.11, and:
- Extent of any earthworks
- Noise and lighting effects

30A.9

Temporary renewable energy assessment and research structures, Land based structures that support in-stream hydro or marine energy generation and Community scale renewable energy generation activities, including associated construction and commissioning activities.

*Policies 16A4.1,
16A.4.3,,
16A.4.4,
16A.4.5*

Council will restrict its discretion to, and may impose conditions on:

- All those matters under Rule 30A.10, and:
- Traffic effects
- Effects on public access
- Effects on natural character
- Suitability of the site for the proposed activity, including consideration of geotechnical and natural hazard constraints

Matters for Consideration

30A.10

Matters that may be relevant in the consideration of any discretionary activity resource consent may include the following:

16A4.1,
16A.4.4,
16A.4.5

Subdivision

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| Subdivision |
| <ul style="list-style-type: none"> • Any positive effects to be derived from the activity; • The contribution to achieving national, regional and local energy policy objectives and renewable energy targets; • Health and safety; • Noise effects, including compliance with NZS 6808:2010 (Acoustics – wind farm noise); • The impact on reserves and other protected public and private land, and recreation areas, community facilities, infrastructure and services; • The impact on public access to, and along, the margins of the coast, lakes and rivers or to natural and physical features; • The impact on landscape values and natural features; • The potential impact of natural hazard events and the effect the activity itself may have on exacerbating or relieving natural hazards; • Any geotechnical constraints of the affected area; • Impacts of earthworks and the modification of natural landforms, including proposed remedial and mitigation measures; • Impacts on the amenity values of the surrounding environment, including a consideration of electromagnetic interference, vibration, aviation navigation lighting and turbine blade shadow or glare flicker; • Ecological impacts, particularly impacts on water bodies, impacts associated with native vegetation removal and impacts on indigenous avifauna, indigenous fauna and their habitats; • Impacts on archaeological and historic features and items, and sites of significance to tangata whenua; • Traffic impacts (including construction and post-construction traffic) and impacts on the roading network, including the nature and extent of vehicle movements, access, management and mitigation measures; road safety and levels of service; and impacts associated with traffic distraction; • Impacts on aviation and navigation; • Construction effects, including construction noise (and the ability to meet NZS 6803:1999 Acoustics – Construction Noise); • Any cumulative effects |