

Solar Panels - Processing Checklist

Consent No: 81200

Elements/Detail	Status	Notes
Structural support limitations	Pass	
Buildings meet structural requirements of anyone of the following: 1. NZS 3604:1990 or 1999	Pass	
2. NZS 4203	N/A	
3. AS/NZS 1170: Parts 0, 1, 2, 3 and NZS 1170: Part 5.	Pass	
and only when all of the following requirements are met: a) combined weight is no greater than 22kg/sq.m (based on gross area collector) and	Pass	
b) hot water storage tank is not installed on or above roof and	Pass	
c) hot water storage tank is located within a roof has a max. size of i) 200 litres installed to NZS 3604: 1999 Section 13 or	N/A	
ii) 450 litres installed to AS/NZS 3500 Part 4: 2003, Section 5, and	N/A	
d) the roof pitch is no steeper than 45 degrees, and	Pass	
e) wind zone does not exceed 50 m/s (VH wind zone to NZS 3604: 1999) and	Pass	
f) solar collector has an area no greater than 4 sq.m., and	Pass	
g) design snow load is less than 0.5 kPa as determined by NZS 3604:1999 Section 15 and	Pass	
h) either i) collectors installed parallel to the roof cladding, or	Pass	
ii) collectors installed to different pitch to the pitch of the roof: -1) pitch of collector not steeper than 45 degrees, and 2) wind zone does not exceed 44m/s (H wind zone to NZS 3604:1999), and 3) the collector faces in the same direction as the sectio	N/A	
Solar water heater requirements	Pass	
1. Solar water heater and controller are an approved product	Pass	AS/NZS 2712: 2007
2. System Sizing (50 litres per sq.m.)	Pass	G12/AS2, clause 3.3.1
3. Protection from frosts	Pass	G12/AS2 Clause 3.6.1 and fig. 1
Location	Pass	
1. Location from edge of gables	N/A	
2. Orientation to north	Pass	G12/AS2 Clause 4.2.1 and fig. 2
3. Inclination angle	Pass	G12/AS2 Clause 4.2.2
4. Wetback water heater	N/A	

Elements/Detail	Status	Notes
2.Complies with G12/AS2 clause 5.1 and G12/AS1 fig. 5.	N/A	
5. Collector only installation to existing HWC capacity	Pass	180 Litres
6. Tempering valve	Pass	Existing
Support for solar water heaters	Pass	
1. Direct fix panels parallel to roof support details	Pass	G12/AS2, clause 6.3, figs. 10 & 11 or figs 12 and 13.
2. Elevated panels parallel to the roof collector support rails	N/A	
3i) Collector support rails across slope of roof	N/A	
3ii) Collector support rails up slope of roof	Pass	G12/AS2, clause 6.5.1 b) and 6.5.3 and fig. 18
4. Mounting collectors at a different pitch to the roof cladding	N/A	
5. Weathertightness/penetrations	Pass	G12/AS2 clause 5.2, figs 5, 6, and table 4
The installer	Pass	
1. Name of installer	Pass	Nova Energy Solar.
2. SIA Accredited installer	Pass	
3. WBOPDC approved p/s author	Pass	
4. Application for WBOPDC approved producer statement author sent	N/A	
5.Producer statement acknowledgement form received and attached to site copy	Pass	
6.Producer statement acknowledgement form sent	N/A	



Building Consent – General Information

Owner:

NICOLL

Consent
No.

81200

Address:

195 BEACH ROAD, KATIKATI

Reg Admin check for conditions of consent over leaf

1. This building consent has been issued on the basis of the information supplied with the application and no pre consent site inspection has been made.
2. There are no specific items to be listed for this Building Consent.
3. The solid fuel heater is to be installed strictly in accordance with the manufacturers instructions. Heater and hearth to be secured to the floor (NZ Building Code Sections B1 and C1).
4. This consent does not give approval for the building to be occupied as a dwelling (NZ Building Code Section A1).
5. Septic tanks and effluent disposal for building projects must comply with Environment BOP on-site Effluent Treatment Plan. Building owners have an obligation to ensure that the septic tank and effluent disposal complies with the Plan. If a system is installed that does not comply with the Plan then the owner may be liable for the non compliance in the future. If in doubt ask Environment BOP to check the proposal for you.
6. A Compliance Schedule is required for this building. A provisional Compliance Schedule will be issued with the Building Consent. The actual Compliance Schedule and Building Statement of Fitness will be issued at the same time as the Code Compliance Certificate. The building should not be occupied until the Code Compliance Certificate is issued or the Building Inspector otherwise agrees. Provide a copy of the Energy Work Certificate to the Council when the work is completed.
7. The Building Code does not allow excavations for buildings to effect adjacent buildings or property. Where excavations are close to other buildings, or other property, then excavations must remain stable under all conditions. Specifically designed retaining walls may be required to stabilise cut slopes and the edge of filled areas.
(NZ Building Code Section B1.)
8. This Building Consent has been issued subject to Section 37 of the Building Act 2004. This means that you have a building consent but you **may not** commence work until the required approvals under the Resource Management Act (eg resource consent) have been obtained.
9. The Building Code (C/AS1) and NZS 4512 now require that fire alarm systems be certified by an accredited inspection body. Currently accredited are:

Fire Protection Inspection Services Ltd and Building and Fire Safety Ltd.

For an up-to-date list, visit www.ianz.govt.nz, click on 'directory' then search for 'NZS4512'

10. A building consent does not address any issues in relation to the Smoke Free Environments Act 1990. If this legislation applies or is likely to apply to your premises, you should contact the Ministry of Health to have your plans assessed for compliance with the Act.

Conditions of Consent *(add prior to general information 1-13)*

- 1. Section 67(2) – Waviers and modifications** *(specify)*
- 2. Section 73(1) – Building consent granted under Section 72** *(specify)*
- 3. Section 75 – Building across lots** *(specify)*
- 4. Section 90(1) – Condition to inspect** *(specify)*
- 5. Section 113 (2) – Specified intended life** *(specify)*

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* 21/6/10

Nova Energy Solar
P.O. Box 2310
Tauranga 3140

Dear Sir/Madam

Proposal: solar hot water heating system

Producer Statements for Building Consent: _____

(WBOPDC TO ENTER)

As part of the assessment of your building consent application Western Bay of Plenty District Council has identified and is obliged to inform you that the following producer statement(s) is/are required on completion of the work listed below from the appropriate tradesperson:

* installation of solar hot water heating system

What is a producer statement?

A producer statement is a statement from the applicator of a particular system/product/material declaring that s/he has applied the system/product/material to manufacturers specifications, the relevant codes and clauses.

Producer statements will only be accepted on the approved form and from individuals on Western Bay of Plenty District Council's approved Producer Statement Author register.

Please note that a Code Compliance Certificate will not be issued for this project until these producer statements are submitted to Council.

Please sign below and return to confirm you have read and understood this letter.

* Name: Janice Chell

* Sign: _____