CoolRater Field Trial – Participant Terms

1. Background

1.1 CoolRater is a desktop app which measures heating requirements of buildings. A field trial of the app is being held over the winter of 2026/7 ending at the end of February 2027, and these terms define the reasonable expectations between the participants in the field trial ("you") and Paul Welton the app developer.

2. Objectives of the Field Trial

2.1 To obtain temperature and energy data for a range of properties. Currently the CoolRater app ("App") has only been used for the App developer's own property.

2.2 To find out if users have any problems in using the App or have any dislikes or need for additional features or improvements.

3 Requirements

3.1 Octopus Energy must be your energy supplier. You will need to copy your account number and API Key from the Octopus website to the App.

3.2 You must have a smart meter configured to record your energy data every 30 minutes.

3.3 You must use a gas boiler for heating.

3.4 You must have a Windows PC (Windows 10 or Windows 11). A high level of expertise is not required but you may need to edit CSV files, and if you experience any problems to be able to describe them accurately.

3.5 As trial software it has not been possible to digitally sign it and it has had few downloads. Therefore the operating system will treat it with suspicion and advise you not to run it. You can run it against this advice by clicking "More Information" and "Run Anyway". Unfortunately, if you are not comfortable about doing this you will not be able to participate in the field trial.

3.6 During the test, you must not use energy from Octopus for anything that will not result in heating the house such as:

(a) EV charging
(b) heating outdoor swimming pools
(c) outdoor flood lighting
(d) using power in unheated outbuildings such as garages or sheds
(e) Water heating. This uses energy, but it is uncertain as to whether the energy contributes to heating or goes down the plughole!

3.7 The test is only active after sunset and before sunrise so you can do those activities during the day. When the test is active all the external doors and windows should be closed.

4 Responsibilities

4.1 You must watch the explainer video, read the instructions, and satisfy yourself that you understand what's involved, and contact Paul Welton by e-mail to info@coolrater.co.uk. If accepted you will be asked to complete and sign the form below.

4.2 You must select one of three options:

(a) You will receive four logging thermometers in the mail, which you will use in the trial and then return them to Paul Welton. After Paul Welton has received the thermometers, together with the project files from the App as described in this clause 4, Paul Welton will pay £250, subject to clause 6.3 below. You may be paid by cheque or bank transfer, at the your option. For bank transfer you must supply their account number and sort code.

(b) As option (a), but you will keep the thermometers and will receive £200.

(c) As option (b) but you must buy your own thermometers from the manufacturer or a supplier of which there are many on eBay, and which you will retain. The thermometers must be Elitech models RC-5+. You will be paid £350 when the project files are returned.

4.3 You will use the thermometers to measure the Heat Transfer Coefficient (HTC) of your own property. An explanation of HTC is given in the video "Discover Fylingdale Court's Insulation Secret". For each inside thermometer, the app will calculate the HTC by three different methods. If for any one of the thermometers the three results agree to within 10%, then that is a successful test. Participants must try hard to get a successful result.

4.4 If the test is unsuccessful for all three thermometers, you will review your thermometer positioning and operating procedures and repeat the process up to two more times times to try and achieve a better result. A project file from the App should be saved after each attempt.

4.5 You will send the project files to Paul Welton either by e-mail to info@coolrater.co.uk or if they are too large by wetransfer.com. If you select option 4.2(a), you must also mail the thermometers to Paul Welton.

4.6 On receipt of the project files Paul Welton will verify that the project files are legitimate. You must return either: one project file with the results for one thermometer agreeing to within 10%, or, three project files from three separate attempts.

5 Licence

5.1 Paul Welton hereby grants to you a non-exclusive, limited, non-transferable right and licence, without the right to grant sublicences, to permit you to use the App for the field trial only.

5.2 The licence does not entitle you to any right, title or interest in the App, its design, its software, or the structure and content of the materials Paul Welton provides.

5.3 You should not attempt to copy, modify, duplicate, create derivative works from, frame, mirror, republish, transmit, or distribute all or any portion of the App in any form or media or by any means or attempt to de-compile, reverse compile, disassemble, reverse engineer or otherwise reduce to human-perceivable form all or any part of the App unless this is permitted by applicable law.

5.4 You cannot access all or any part of the App in order to build a product or service which competes with the App.

5.5 You shall not license, sell, rent, lease, transfer, assign, distribute, display, disclose, or otherwise commercially exploit, or otherwise make the App available to any third party.

5.6 You shall use all reasonable endeavours to prevent any unauthorised access to, or use of, the App and, in the event of any such unauthorised access, promptly notify Paul Welton.

6 Payment

6.1 If the project files meet the requirements set out in clause 4 then you will be paid the appropriate amount (“Payment”) for the selected option, either by bank transfer or by cheque at your option.

6.2 The Payment shall be inclusive of all disbursements and expenses incurred in connection with these terms.

6.3 The Payment shall be made within 14 days following the end of the field trial, provided that Paul Welton has reasonably determined that:

(a) You have complied with your requirements and responsibilities under these terms;

(b) All required data, records and/or trial information have been collected and submitted in accordance with any instructions provided to you; and

(c) The data submitted is complete, accurate and of sufficient quality for the purposes of the trial.

6.4 Where Paul Welton reasonably determines that you have failed to comply with the requirements set out in clause 4 above, he may withhold the Payment.

6.5 The Payment constitutes full and final settlement for your participation in the field trial. Upon receipt of the Payment, you shall have no further entitlement to any additional payment, compensation, reimbursement or other sums arising out of or in connection with the field trial.

7 Confidentiality

7.1 The App and the terms of the field trial are confidential and you should not disclose any confidential information relating to the App or the field trial to any other person or third party (including companies or other organisations), unless required to do so by law.

7.2 You should not use any confidential information relating to the field trial for any other purpose than to complete the field trial.

8 Your personal information

8.1 Your contact details and personal information shall only be used by Paul Welton to communicate with you relating to the field trial and retained securely for a period of six years for compliance purposes.

9 General

9.1 These terms set out the entire agreement between you and Paul Welton in relation to the field trial.

9.2 Nothing in these terms is intended to, or is deemed to create an employment relationship, or any partnership or joint venture between Paul Welton and you.

9.3 If any provision or part-provision of these terms is or becomes invalid, illegal or unenforceable, it shall be deemed deleted, but that shall not affect the validity and enforceability of the rest of these terms.

9.4 You may not transfer your rights under these terms to any other person.

9.5 Any variation to these terms must be in writing and signed by each party.

9.6 Paul Welton shall use your email address to provide any notices and to communicate with you for the field trial. Please use the following e-mail address to communicate with Paul Welton: info@coolrater.co.uk

9.7 These terms are governed by the law of English Law and the English courts have jurisdiction.

Application to Participate in the CoolRater Field Trial		
	Name:	
	Address:	
	Postcode:	
	e-mail:	
	Payment option (a, b or c):	
For payments by bank transfer only	Account number:	
	Sort code:	
	Signature:	
	Signed by Paul Welton:	