



## Transcript: Reporting liquid fuel combustion video

**[Slide 1]** Welcome to the National Greenhouse and Energy Reporting training video series. This series is delivered by the Clean Energy Regulator and aims to help you report under the *National Greenhouse and Energy Reporting Act 2007*, also known as the NGER Act.

This video will cover how to report liquid fuel combustion under the NGER Act.

**[Slide 2]** There is a range of terms used in this video that have a specific meaning, including Clean Energy Regulator, NGER, Determination, NGER Act, EERS, and Regulation. To learn what each of these means, please refer to the video 'Introduction to the Clean Energy Regulator and NGER', from the NGER training video series, available by following the links at the end of this video.

**[Slide 3]** You are required to report the combustion of liquid fuels when those fuels are listed in Schedule 1 of the Regulations, and a method for measuring the emissions and energy resulting from the combustion of those fuels is specified in the Determination. A copy of the Regulations and Determination can be downloaded from [www.legislation.gov.au](http://www.legislation.gov.au).

**[Slide 4]** Even if the liquid fuel you have combusted is listed in the Regulations and a way to measure emissions and energy is set out in the Determination, you only need to report on that liquid fuel if you meet the thresholds set out in the Determination.

If you are combusting a petroleum based oil (other than a petroleum based oil used as a fuel) or a petroleum based grease, and in a separate instance of that source you combust 5 kilolitres or less, it is optional as to whether you include that instance in your report.

For all other liquid fuels, it is optional to include it in your report if in a separate instance of the source you combust 1 kilolitre or less.

All reporting must be in line with the requirements of the Determination.

**[Slide 5]** The combustion of liquid fuel typically occurs for transport purposes, such as road registered vehicles, planes, boats or trains; for stationary purposes such as fixed engines, in boilers or heaters; or in the generation of electricity such as diesel generators or cogeneration units. This presentation will focus on liquid fuel combustion for transport and stationary energy uses. To learn more about reporting on electricity generation, see the video 'Reporting electricity production and consumption', available by following the links at the end of this video.

**[Slide 6]** Some fuels may not be listed in the Determination but are made up of a mix of fuels that are. These are labelled blended fuels and are defined as a blend of fossil fuels and biogenic carbon fuels. A common example is E10 which is not a listed fuel in itself but is made up of two fuels which are; namely, gasoline and ethanol. When reporting a blended fuel, you report the amounts of the listed fuels that make up the blend.

**[Slide 7]** It is important to remember that EERS only accepts 'kilolitre' as the unit of measurement for liquid fuels. If you have been invoiced for, or your equipment measures, the amount of fuel in litres then you will need to convert to kilolitres prior to entering the amount in EERS. Incorrectly entering the amount of liquid fuel combusted can lead to very significant over-reporting of emissions. For more information we recommend that you read the 'Reporting emissions and energy from the consumption of liquid fuels at a facility' guideline available on our website.

**[Slide 8]** Emissions and energy data required under the NGER Act must be reported in EERS. You are required to report each activity involving the combustion of liquid fuels for each of your facilities. The following part of this video will demonstrate how to report fuel combustion using EERS.

**[Slide 9]** Here is the data entry screen in EERS for reporting your activities, including liquid fuel combustion. If you can't see your list of entities on the left of the screen, click on the Show Corporate Structure button.

**[Slide 10]** The first step to entering activity data is to select the facility you are entering data for from your corporate structure.

**[Slide 11]** To start entering activity data, click on the Add Activity button.

**[Slide 12]** Activity Description is a free text field that allows you to enter a custom description for the particular activity. This is an optional field that you are not required to complete. You may find it useful to keep track of the data that you are entering.

**[Slide 13]** To enter activity data, you will first need to select a source category from the available options in the drop down menu. In this instance, select Fuel Combustion.

**[Slide 14]** Next, you will need to choose the Source. Select Stationary and Transport energy purposes (excluding electricity generation) from the Source drop-down menu.

**[Slide 15]** Next, choose the activity from the available options. In this example, select Emissions released from combustion of liquid fuels for either transport or stationary energy purposes.

You will need to determine if your activity is a transport or stationary one. As a guide, road registered vehicles, planes, boats and trains are considered to be transport related. Non-road registered vehicles and equipment not designed to be moved are considered to be stationary.

**[Slide 16]** Next, select the fuel being combusted from the available options. There are different fuel type options depending on the type of activity selected in the previous step.

**[Slide 17]** Next, select the measurement criterion from the available options.

The criterion relates to the acquisition of the fuel being combusted. For a description of criteria, see the video 'Emissions estimation methods and fuel measurement criteria', available by following the links at the end of this video.

**[Slide 18]** The next step is to enter the amount of fuel combusted for the activity. This is entered in the Quantity field. Remember that the amount needs to be entered in kilolitres.

**[Slide 19]** The method relates to how the emissions from the combustion of fuel are calculated. Select the appropriate method from the list of available options for the reporting of emissions of carbon dioxide. If you select method 1 then the default emissions and energy factors will be used by the system.

Electing to report using a higher order method will require additional information to be entered.

**[Slide 20]** Repeat the previous step for the reporting of emissions of methane.

**[Slide 21]** And again for the emissions of nitrous oxide.

**[Slide 22]** If you are using method 1 for all greenhouse gases, you can save time by clicking the indicated box on screen. This will automatically calculate emissions for all gases for this activity.

**[Slide 23]** Once all the required information has been entered, click on the Save button. EERS will display a warning if any required information is missing. Otherwise, the information will be saved.

**[Slide 24]** Your entered data will appear in the Activity Details table and will be reflected in the Facility Emissions and Energy Summary Table. If you wish to edit or delete an existing entry, click on the appropriate icon under the Action heading.

**[Slide 25]** You can continue to report further activities for this or other facilities or you can exit by clicking on the appropriate button.

**[Slide 26]**. This video is from the NGER training video series. The Clean Energy Regulator has published a range of resources on its website, [www.cleanenergyregulator.gov.au](http://www.cleanenergyregulator.gov.au), to help you in your obligations to report under the NGER Act. To access our training video series, visit our website and search 'Videos'. To access our more comprehensive written guidance documents, visit our website and search 'Guides and factsheets'. To access calculators to assist you in assessing reporting obligations, estimating uncertainty in emissions, and estimating emissions from solid waste and wastewater operations, visit our website and search 'Calculators'.

**[Slide 27]** For more information or help with reporting under the NGER scheme, please contact us by calling 1300 553 542, emailing us at [reporting@cleanenergyregulator.gov.au](mailto:reporting@cleanenergyregulator.gov.au), or visiting our website at [www.cleanenergyregulator.gov.au](http://www.cleanenergyregulator.gov.au).

**[Slide 28]** This video has been developed by the Clean Energy Regulator to assist persons to comply with their reporting obligations under the NGER Act. This video should be viewed in conjunction with the NGER Act and supporting Regulations and Determination.

Changes to legislation may affect the information in this video.

The examples used in this video are for illustrative purposes only, this video is not intended to provide legal advice. If persons have concerns or questions about the application of legislation in their particular circumstances, they should seek professional advice.

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