ELECTRICITY EDUCATION PORTAL

A HOW TO GUIDE
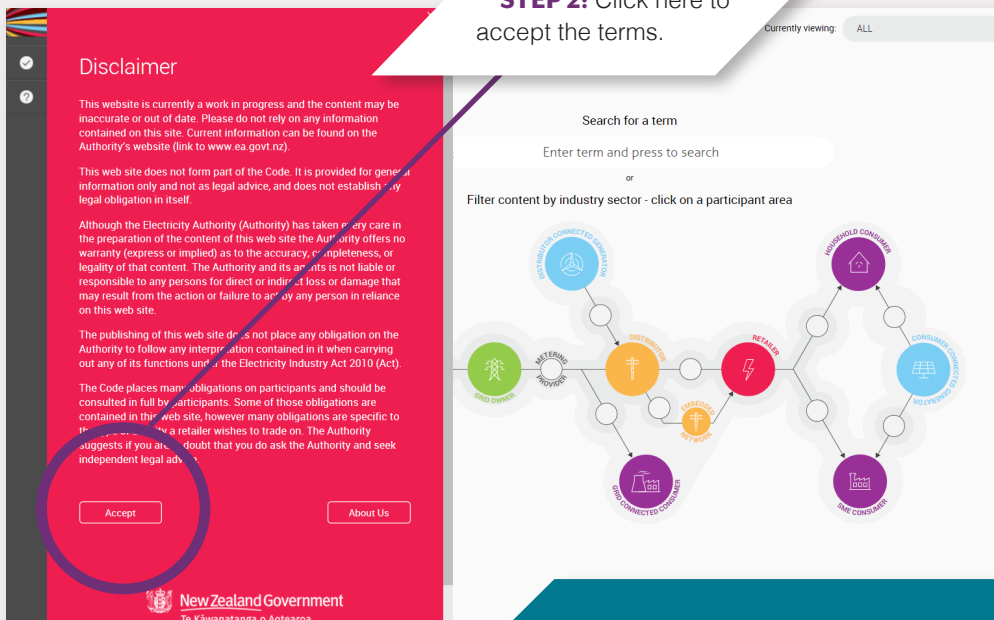
ELECTRICITY AUTHORITY
TE MANA HIKO

ACCESSING THE PORTAL

The Electricity Education Portal can be accessed at **education.ea.govt.nz**.

USING THE PORTAL FOR THE FIRST TIME

STEP 1: The first thing you need to do is read the disclaimer, the text in the red box, and agree to the terms by clicking on the accept button. Unfortunately, if you are not willing to agree with the disclaimer, you will not be able to use the portal.

STEP 2: Click here to accept the terms.

Currently viewing: ALL

Disclaimer

This website is currently a work in progress and the content may be inaccurate or out of date. Please do not rely on any information contained on this site. Current information can be found on the Authority's website (link to www.ea.govt.nz).

This web site does not form part of the Code. It is provided for general information only and not as legal advice, and does not establish any legal obligation in itself.

Although the Electricity Authority (Authority) has taken every care in the preparation of the content of this web site the Authority offers no warranty (express or implied) as to the accuracy, completeness, or legality of that content. The Authority and its agents is not liable or responsible to any persons for direct or indirect loss or damage that may result from the action or failure to act by any person in reliance on this web site.

The publishing of this web site does not place any obligation on the Authority to follow any interpretation contained in it when carrying out any of its functions under the Electricity Industry Act 2010 (Act).

The Code places many obligations on participants and should be consulted in full by participants. Some of those obligations are contained in this web site, however many obligations are specific to the market that a retailer wishes to trade on. The Authority suggests if you are in doubt that you do ask the Authority and seek independent legal advice.

Accept   About Us

New Zealand Government
Te Kāwanatanga o Aotearoa

Search for a term

Enter term and press to search

or

Filter content by industry sector - click on a participant area

The Electricity Education Portal provides information about the electricity market.

The Portal will help new entrants and participants in the electricity sector easily access key information.

When determining your obligations and requirements reference should be made to the Electricity Industry Participation Code 2010 (Code). The latest version of the Code is available on the Authority's website at **www.ea.govt.nz/code-and-compliance/the-code/**.

INDUSTRY SECTOR SCREEN

The Industry Sector Screen is the main navigation function on the portal. This is the first screen you will see once you have accepted the disclaimer.

What you are seeing here are electricity sector groups represented with a number of different coloured icons or buttons. These buttons help narrow the content shown to you to ensure that the content is relevant to you and your role.

STEP 1: You can change which part of the industry filter you are using by clicking on the round buttons here.
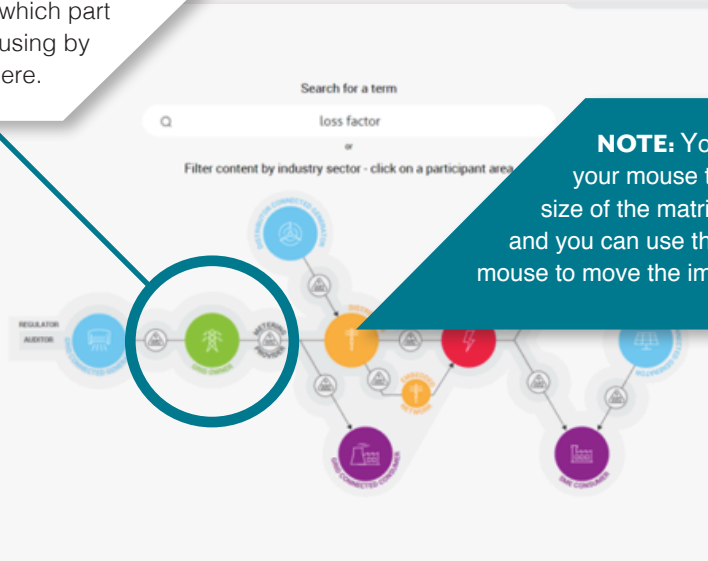
NOTE: You can use the scroll button on your mouse to increase or decrease the size of the matrix on your computer screen, and you can use the select button on your mouse to move the image around.
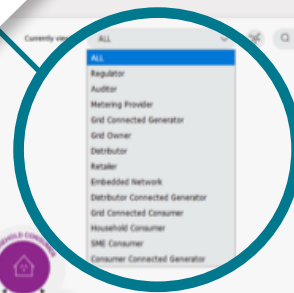

There are **three main ways** you can search through the information on the website.

Search field

Search field

Matrix search
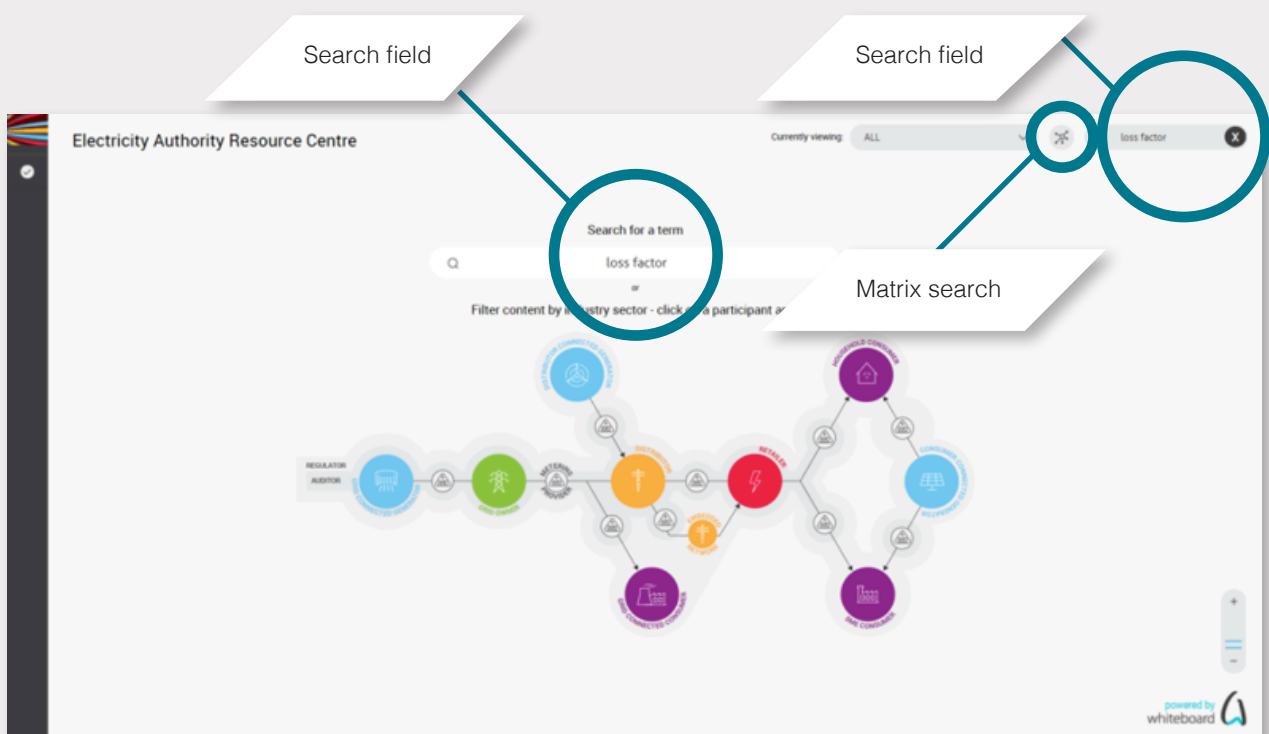
There is a "slide navigation bar" on the left hand screen here which enables you to select "Use Cases".
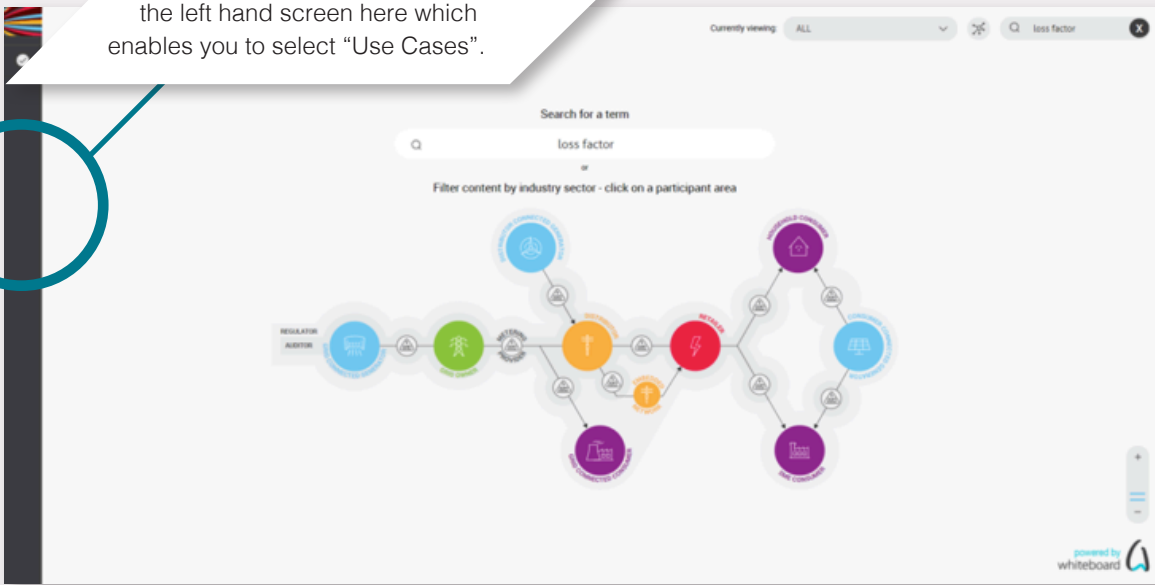
STEP 2: This drop down menu allows you to select a participant group.
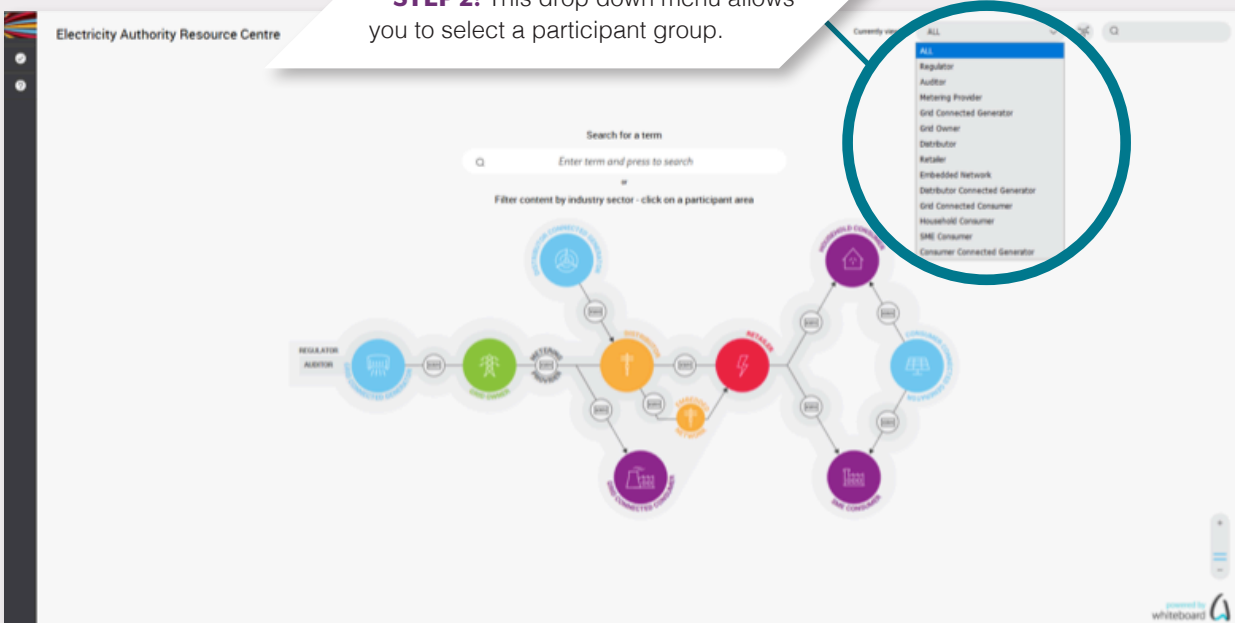
USE CASES SCREEN

One way to navigate the portal is via the Use Cases – this is a structured way through the data based on the information you choose.

Use Cases can provide an ordered learning structure. Select the Use Case that best suits you.

STEP 1: Click here and the Use Case menu expands.

STEP 3: To close the Use Case screen click on the "X" in the top right corner of the blue section of the screen.

STEP 2: You can use the Use Cases drop down menu to pre-set the matrix.

The electricity market is like a three dimensional neural network, with many simultaneous activities that at times appear unrelated, but are necessary to deliver a large real time energy network.

This matrix shows how the information is connected.

The blue section on the left represents "Use Cases" and the matrix is on the right.

You can use the Use Cases to pre-set the matrix for topics related to the Use Case you have selected.

STEP 1: Click on the green dot.

STEP 2: The numbers represent the order you should read the documents. You can see here a number of the nodes are now numbered.

Once you've opened the node you will have an information panel on the left side of the screen, and a cut down version of the matrix.

Information Selector tab

Pressing this button will provide additional information such as videos or supporting documents if these are relevant to the topic

Types of Retailers overview

The Act provides the following definition of an electricity retailer:

- **retailer** means a business engaged in retailing
- **retailing** means the sale of electricity to a consumer other than for the purpose of resale

Clause 1.1(1) of the Code provides the following similar definition of "retailer":

"Retailer" means as follows:

(a) except as provided in paragraph (b) and (c), a **participant** who supplies electricity to another person for any purpose other than for resupply by the other person;

(b) in P...
ele...

STEP 3: Pressing the button circled in red here will remove the information panel and revert the screen back to the full matrix view.

The **Information Panel** provides information on a topic, the matrix shows the relationship between the topic you have selected and other topics.

2. **Type 2:** Retailers that source electricity from a participant that has ultimately purchased electricity from the Clearing Manager, and on sell to consumers who have choice of retailers. Type 2 retailers have limited obligations under the Code. For example, they do not have:
    1. a direct arrangement with the Clearing Manager
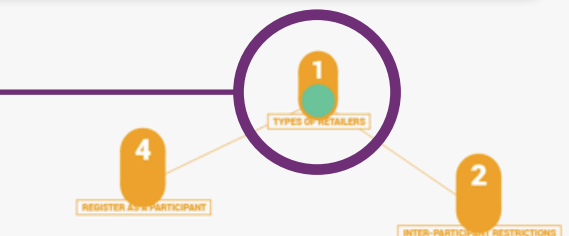   2. a participant identifier on the registry (but the participant they purchase from does)
3. **Type 3:** Retailers who retail to customers that do not have choice of retailers, including:
    1. islanded systems generating, retailing, and distributing electricity solely for consumption by the local community (e.g. Chatham Islands)
    2. customers who are connected to a network (e.g. apartment and commercial buildings).

These categories are not necessarily mutually exclusive; and retailers may act in different capacities. However, retailers are expected to understand and comply with the obligations of each type that they undertake.

Retailers are obligated to comply (where relevant) with several pieces of legislation related to electricity, including:

1
TYPES OF RETAILERS

4
REGISTER AS A PARTICIPANT

2
INTER-PARTICIPANT RESTRICTIONS

NOTE: You can move the matrix by clicking your mouse in an empty part of the screen and move it by dragging your mouse.

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Clause 1.1(1) of the Code provides the following similar definition of "retailer":

"Retailer" means as follows:

(a) except as provided in paragraph (b) and (c), a **participant** who supplies electricity to another person for any purpose other than for resupply by the other person;

(b) in Parts 1 (except for the definition of specified participant), 8, and 10 to 15, a **participant** who supplies **electricity** to a **consumer** or to another **retailer**

(c) in subpart 4 of Part 9, the retailer defined in paragraph (a) who is recorded by the registry manager as being responsible for the ICP described in clause 9.21(1)(b).

There are three different types of retailers:

1. **Type 1:** Retailers that source electricity from the wholesale electricity market by purchasing through the Clearing Manager and supply that electricity to consumers.
2. **Type 2:** Retailers that source electricity from a participant that has ultimately purchased electricity from the Clearing Manager, and on sell to consumers who have choice of retailers. Type 2 retailers have limited obligations under the Code. For example, they do not have:
    1. a direct arrangement with the Clearing Manager
    2. a participant identifier on the registry (but the participant they purchase from does)
3. **Type 3:** Retailers who retail to customers that do not have choice of retailers, including:
    1. islanded systems generating, retailing, and distributing electricity solely for consumption by the local community (e.g. Chatham Islands)
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STEP 4: Once you have finished reading the text on the current node it's time to move to the next node, in this example, item 2.

1
TYPES OF RETAILERS

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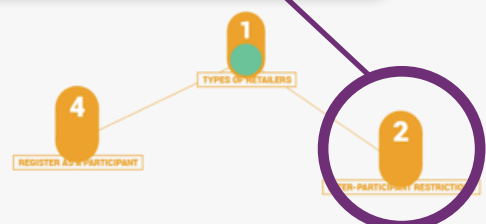
CHANGING THE CURRENT VIEW

You can navigate the portal directly from the matrix by selecting nodes of interest to you.

STEP 1: Select the drop down menu. It contains a number of user types that are pre-configured for topics that the Authority considered were applicable to that type of user. Selecting "ALL" on this menu will show all topics in the matrix.

The blue dots link to web pages, which has more information about the topic, or you can search to find the information you are after.

STEP 2: Using your mouse, clicking on the industry sector button (circled in red) will take you back to the Industry Sector Screen so that a new view can be selected.
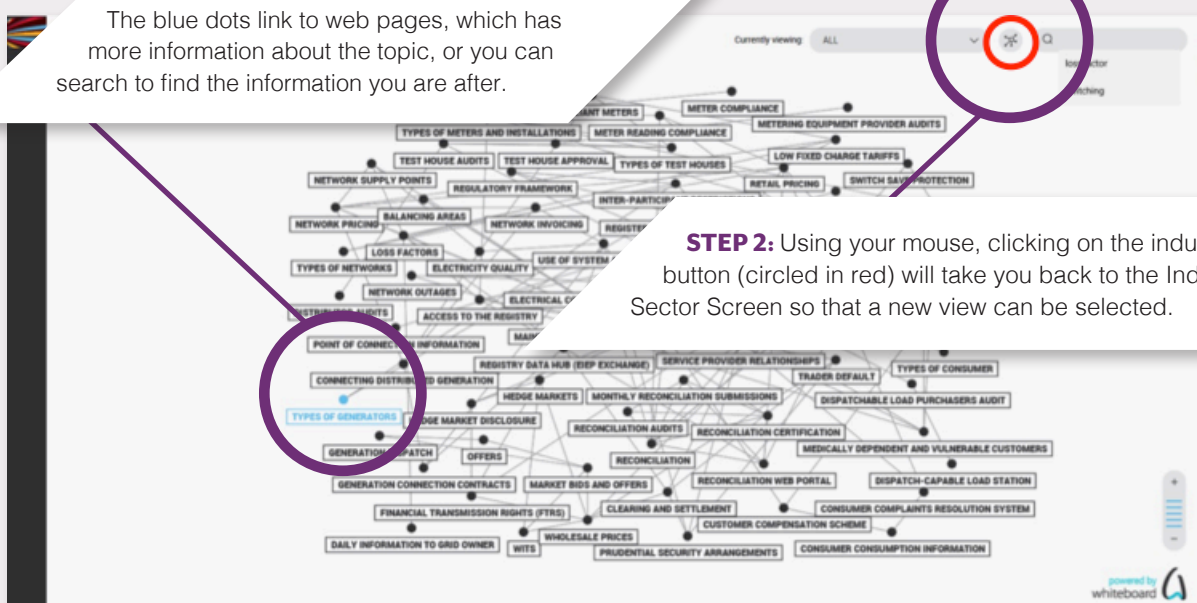
SEARCH FUNCTION

STEP 1: There are two main ways to search. Using your mouse click in the search field (circled in purple).

STEP 2: You can enter free form text in this panel and then press either "enter" on your keyboard or click the search icon.
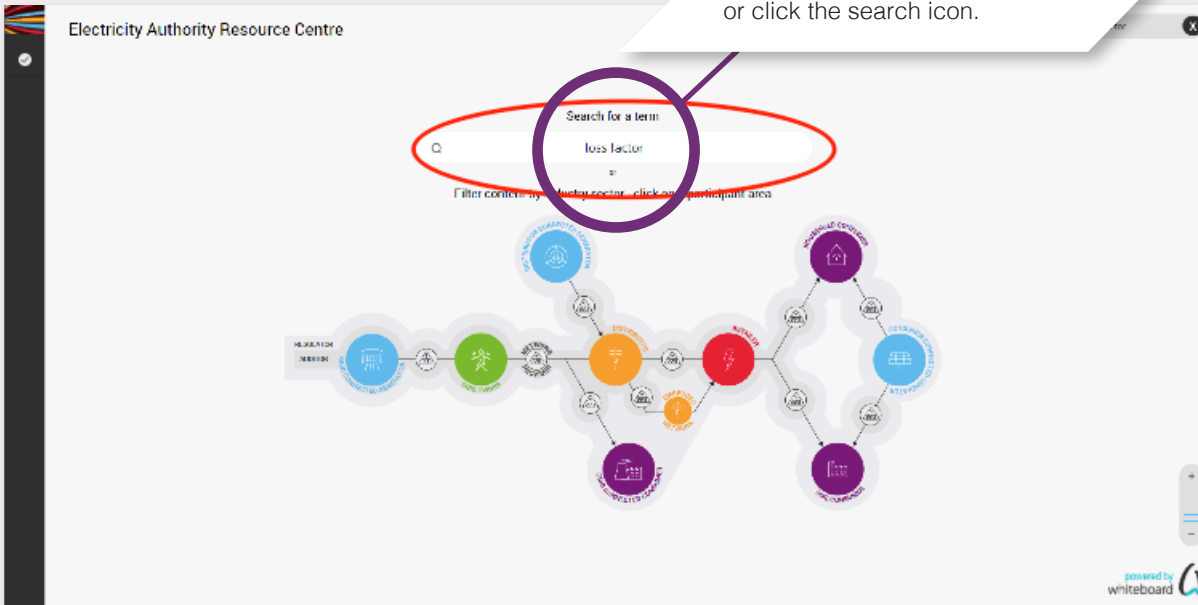
STEP 4: Clicking on the X at the right of the search panel will delete the free form text entered.

STEP 3: The information screen on the left will return the results of the search. Select the one that is most relevant to the information you require (see the purple arrow).
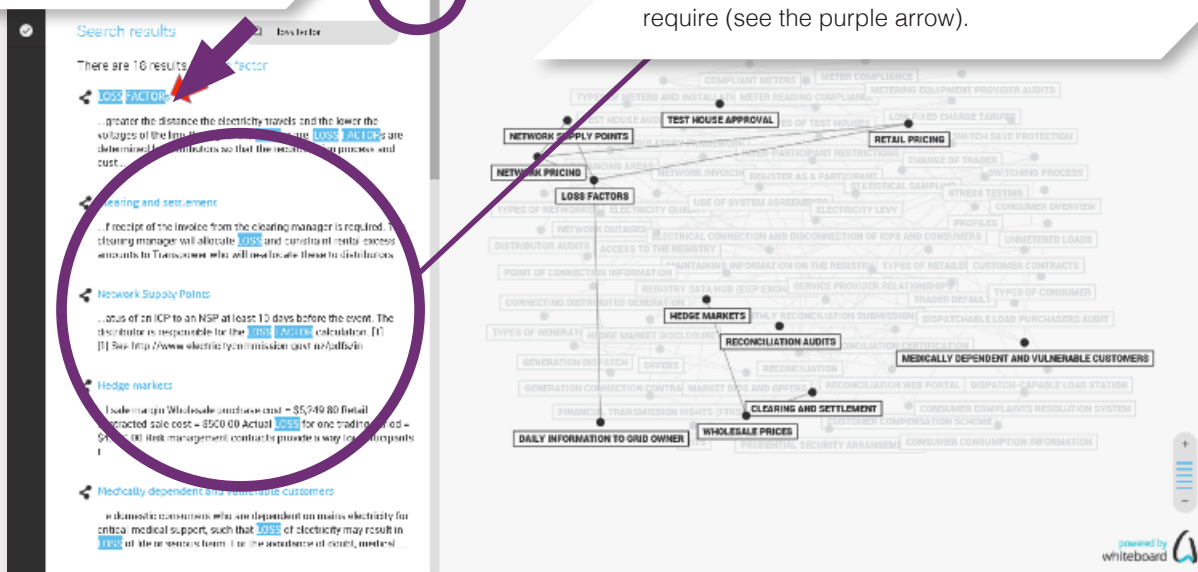
STEP 5: You can also overwrite the free from text with other search criteria and press either enter or the search icon.

USING THE MATRIX PAGE SEARCH FEATURE

STEP 1: Using your mouse, click on the search panel (circled in red). You can enter free form text in this panel and then press either "enter" on your keyboard or click the search icon.
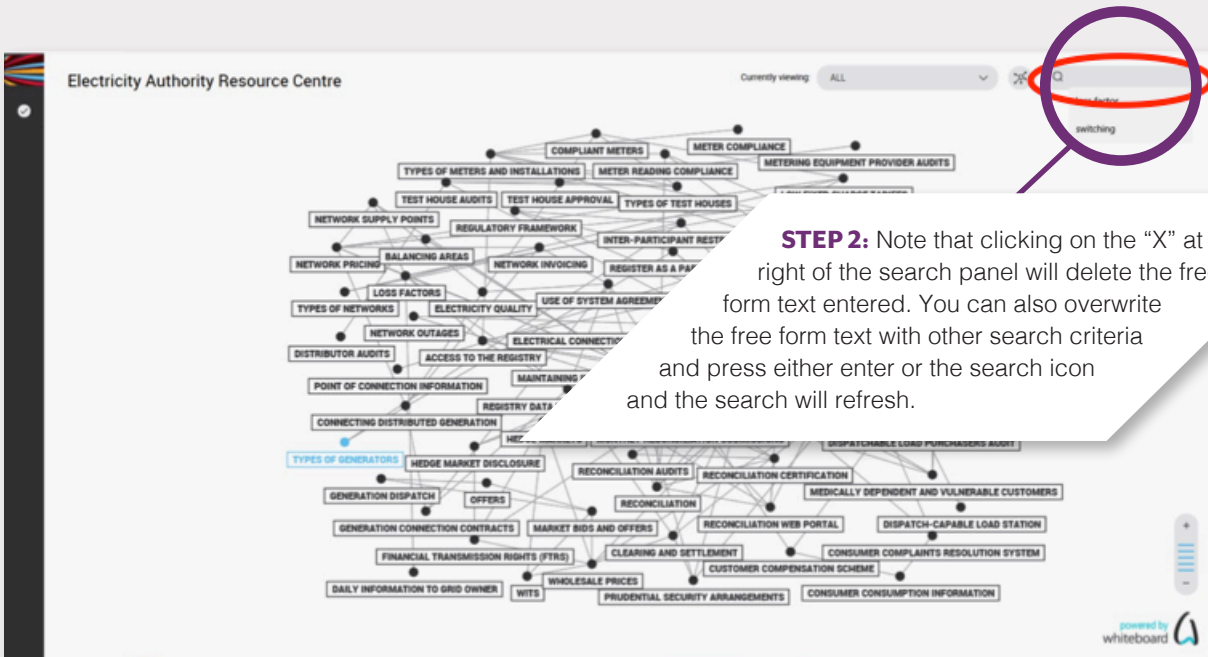
STEP 2: Note that clicking on the "X" at the right of the search panel will delete the free form text entered. You can also overwrite the free form text with other search criteria and press either enter or the search icon and the search will refresh.
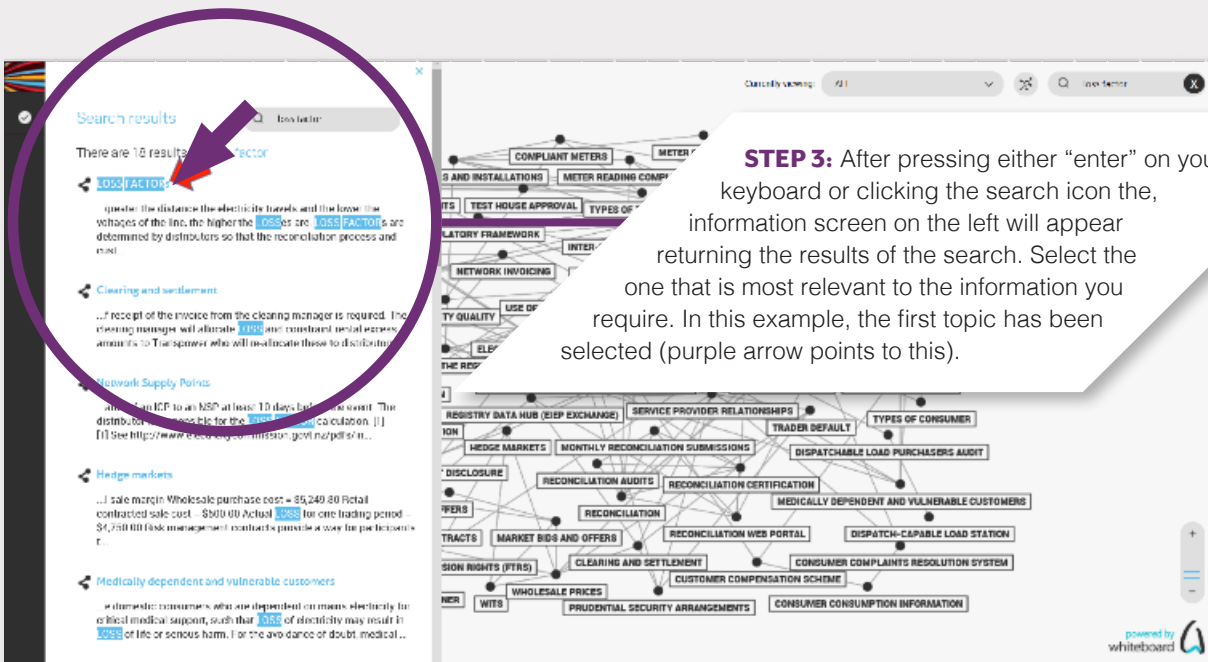
STEP 3: After pressing either "enter" on your keyboard or clicking the search icon the, information screen on the left will appear returning the results of the search. Select the one that is most relevant to the information you require. In this example, the first topic has been selected (purple arrow points to this).

The matrix will remap. The information screen will show information on the topic selected, and the matrix will remap to show the topic selected as a centric view, connected to relevant topics, as shown below. You can then select from the list the most relevant topic.

NAVIGATION

STEP 1: Pressing the button in purple circled below will remove the information panel and revert the screen back to the full matrix view.

Another way to explore the portal is directly from the matrix.

You can click on the node you wish to read and move around as you wish in an order that makes sense to you.

SHARING INFORMATION FROM THE PORTAL

Sharing information in the portal is easy, each page has its own url – you can use these in training materials

PROVIDING FEEDBACK ON THE PORTAL

If you have user feedback on the Electricity Education Portal, we'd love to hear from you email: **marketoperations@ea.govt.nz**.