

AESO Connection Project Map User Guide

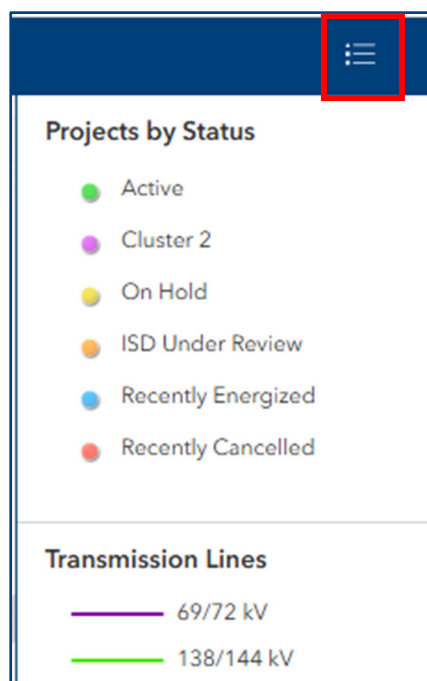
Map Overview

The [AESO Connection Project Map](#) is an online interactive tool that provides a visual, geographic representation of the monthly AESO Connection Project List. This includes any in-progress projects with an accepted System Access Service Request (SASR), recently energized projects, and recently cancelled projects. For any questions regarding use of the map please contact customer.connections@aeso.ca.

Map Basics

Legend

The map legend is found on the right-hand side of the map and is open by default when first loading the application. There is a toggle button for the legend in the top right corner to open and close it.

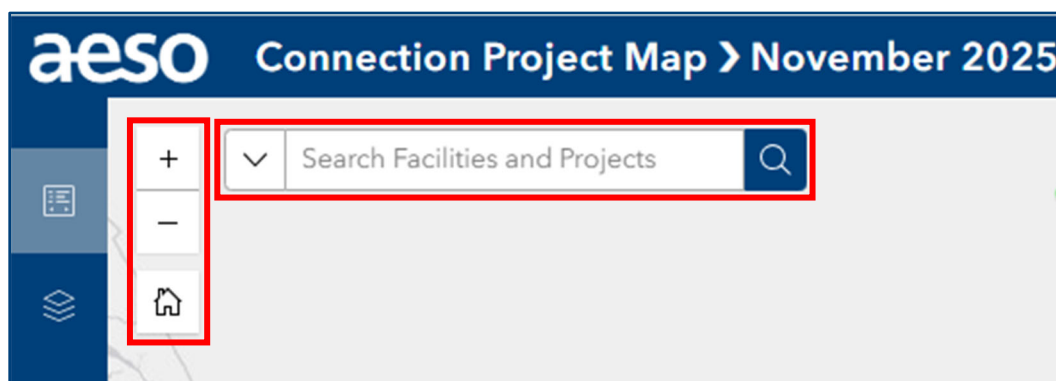


Navigation

Navigate in the map by clicking and dragging across the screen. Zoom in/out using the mouse wheel or the +/- buttons in the top left of the map. The Home button returns the map to the default extent.

Search Bar

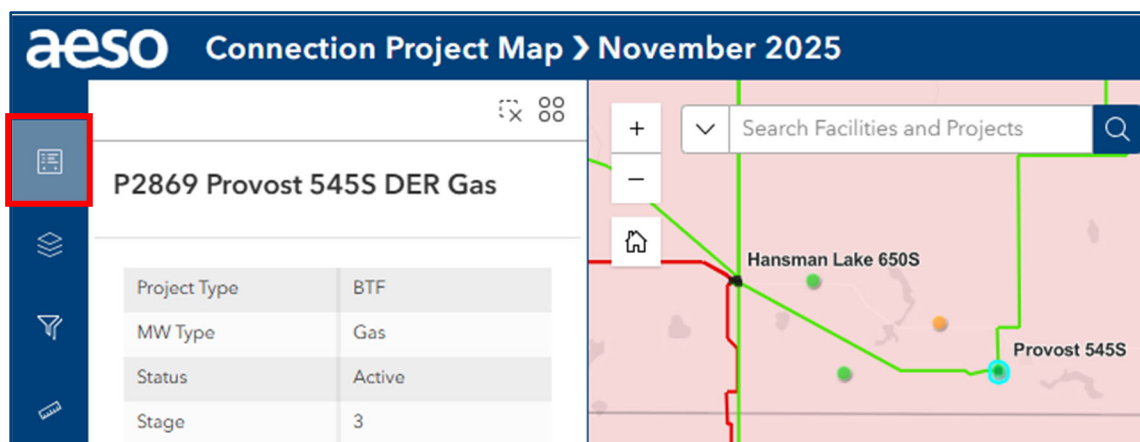
Projects, existing facilities, and geographic locations can be searched in the search bar. Projects can be search by project number or name. Facilities can be searched by all or part of their name or facility code. The drop down on the left side of the search bar allows you to specify which layers to search.



Sidebar Tools

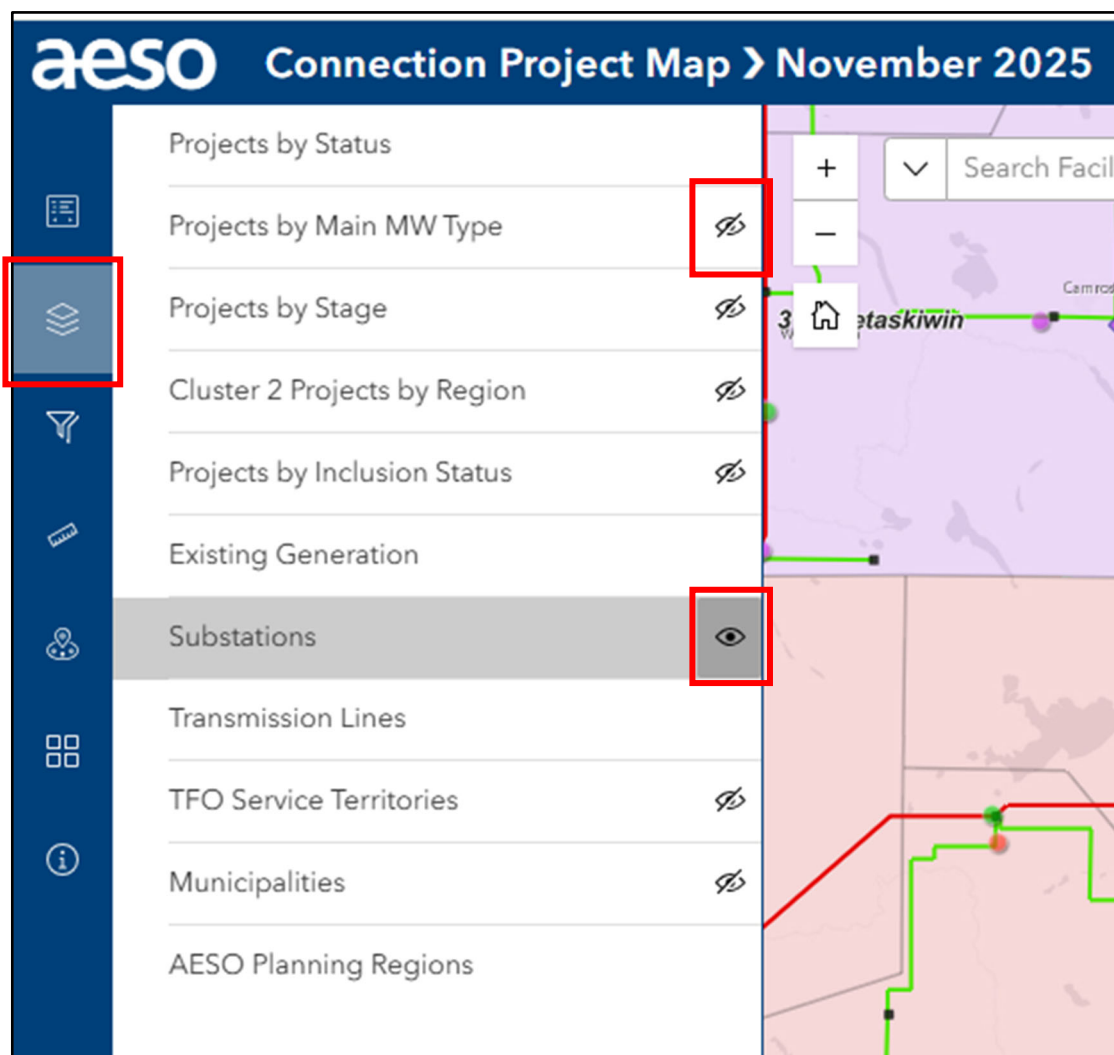
Feature Info

The Feature Info tab in the sidebar on the left side of the dashboard will display attributes when a project, substation, transmission line or generator is selected in the map. To select a feature, click on it in the map. It will highlight in light blue, and the Feature Info tab will open automatically.



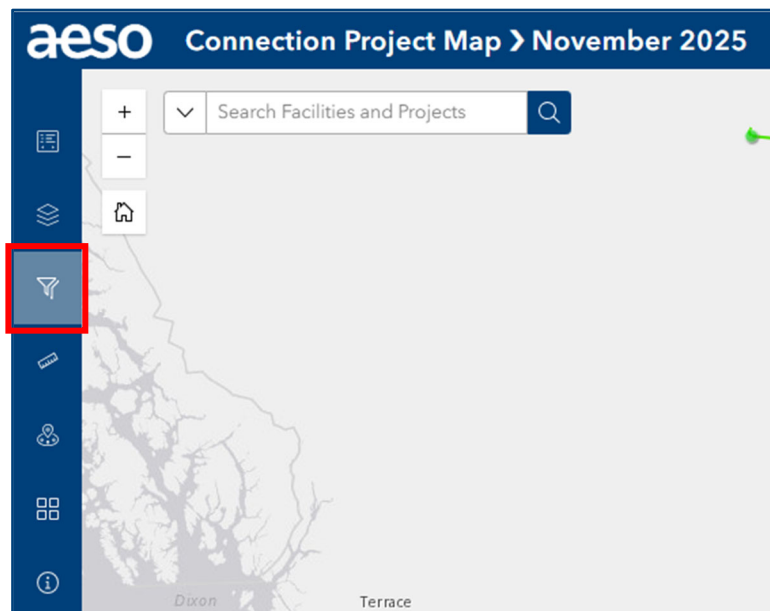
Layers

The map layers tab displays a list of layers in the map. To show or hide layers, click on the eye icon to the right of each layer. The eye icon appears when the cursor is hovering over a layer. Projects can be viewed based on specific attributes within multiple layers and are shown by Status when the map first loads. Ensure that only one projects layer is visible at a time or the symbols will overlap.



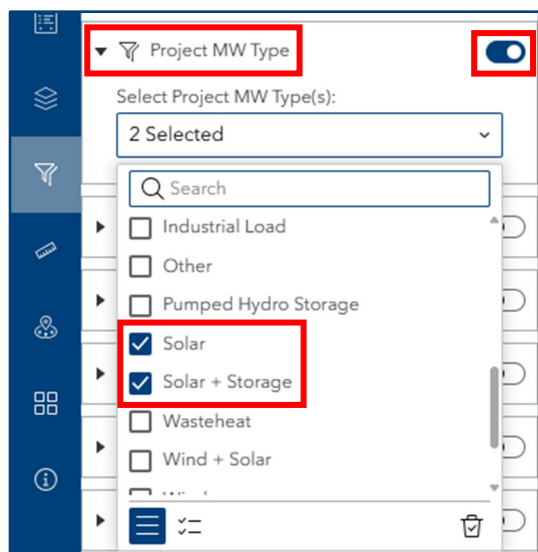
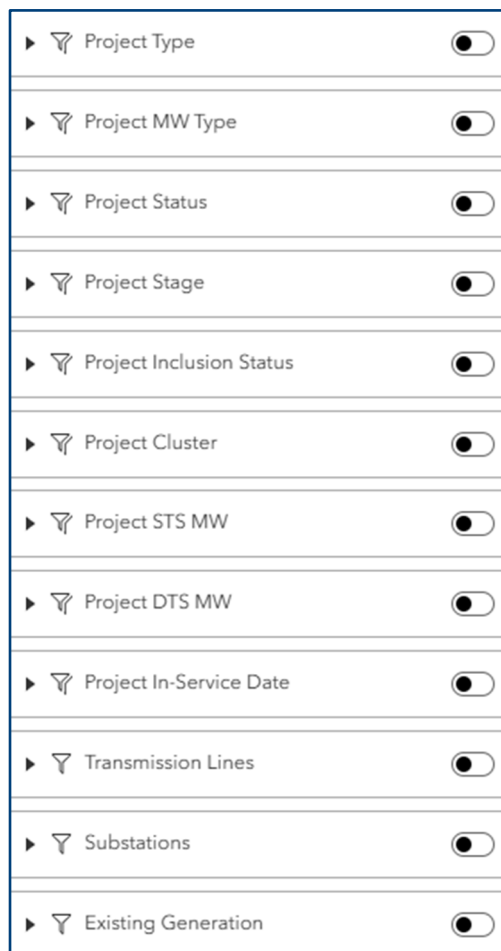
Filters

The Filter tool is accessed with the funnel tab and allows users to only display map features based on specific criteria.



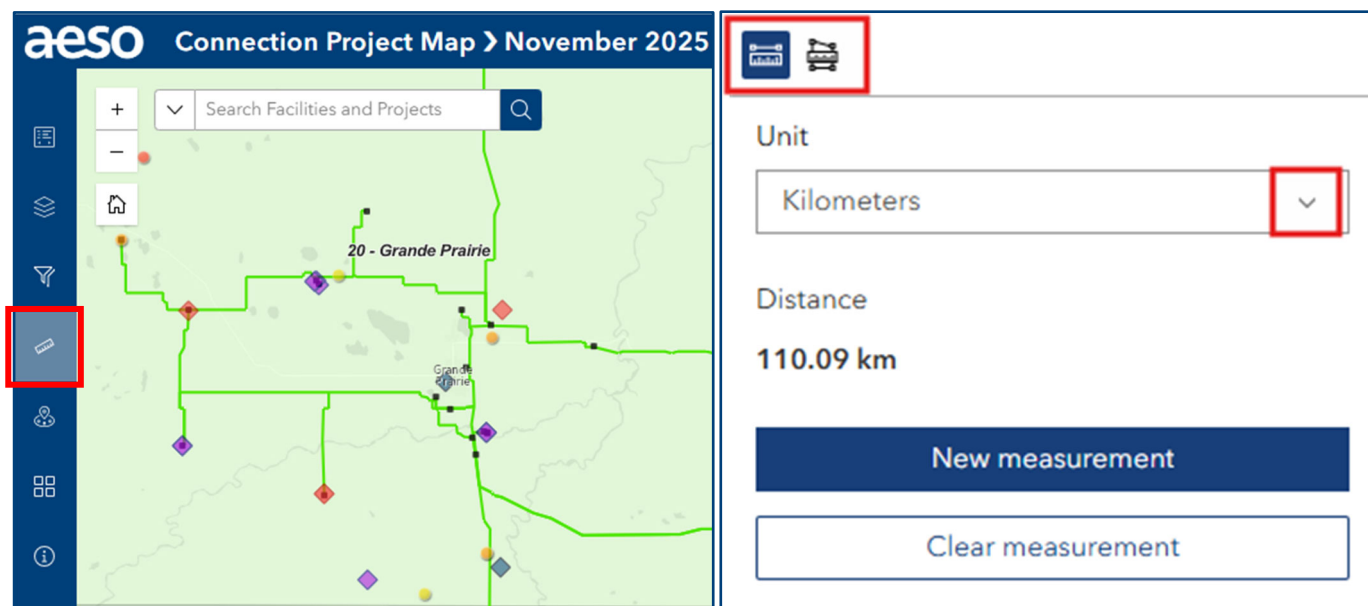
Projects can be filtered by Type, MW Type, Status, Stage, Inclusion Status, Cluster, Total STS or DTS MW, or In-Service Date. Transmission Lines and Substations can be filtered by Voltage. Existing Generators can be filtered by Asset Type.

To apply a filter, click to expand the layer and criteria that you want to filter by, then either enter or select value(s). Activate the filter using the on/off toggle to the top-right. Multiple filters can be applied at the same time.

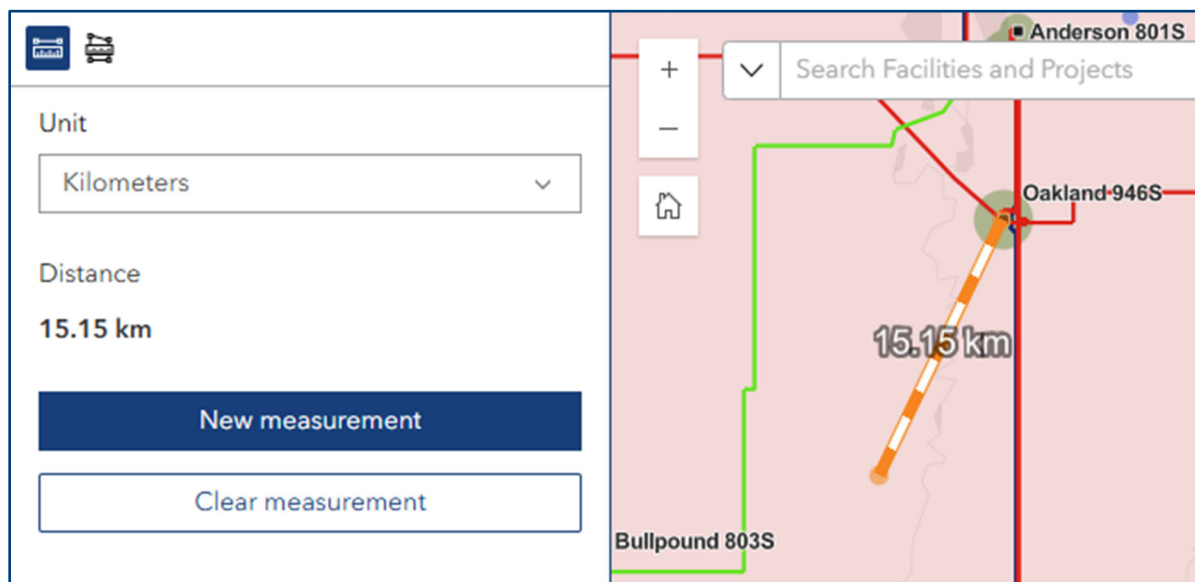


Measure Tool, Coordinates

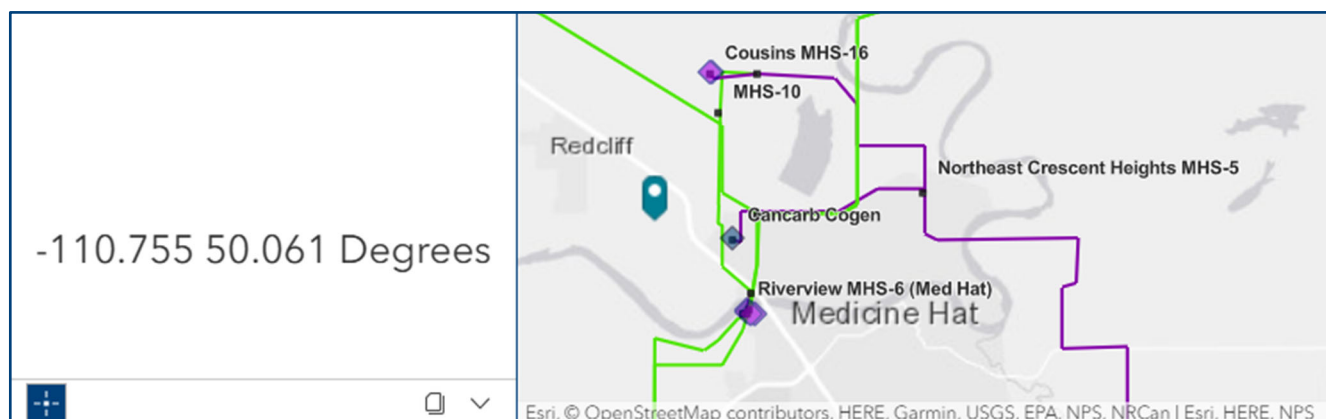
The measure tool is accessed from the ruler tab and enables geographic measurements of distance or area within the map. Select whether to measure Distance or Area and the desired unit of measurement:



Click on the map to begin the measurement and to add subsequent points to the area polygon or distance line. Double-click to complete the measurement. A typical use for this tool would be measuring the distance from a project location to a substation or line, such as in the example below:

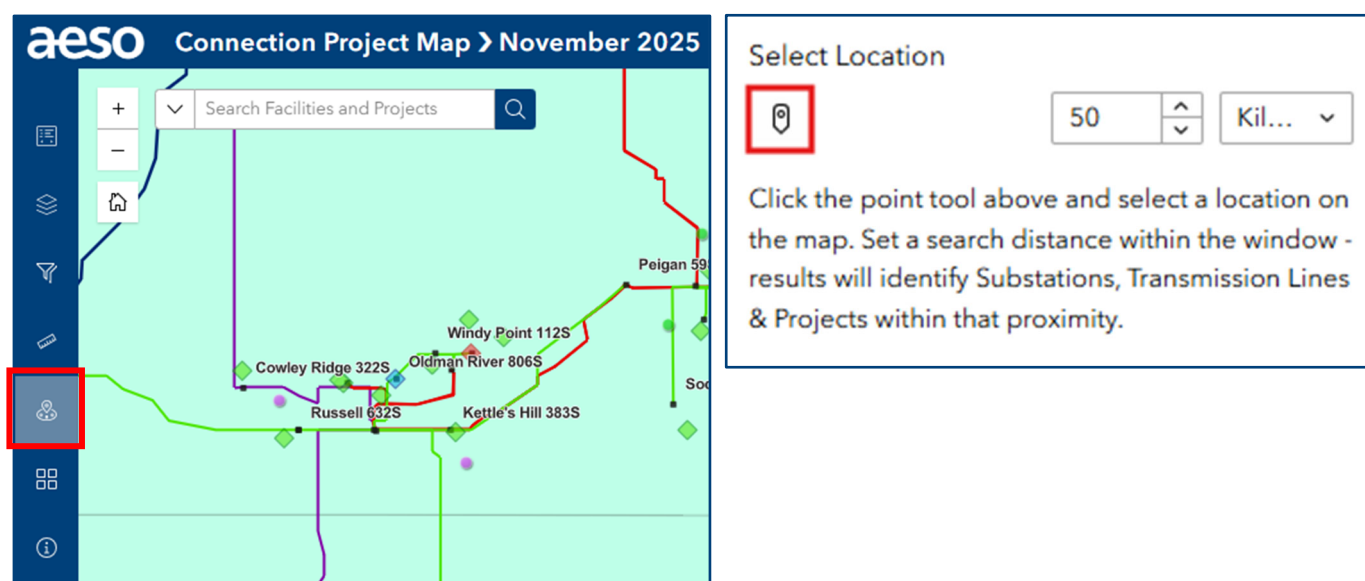


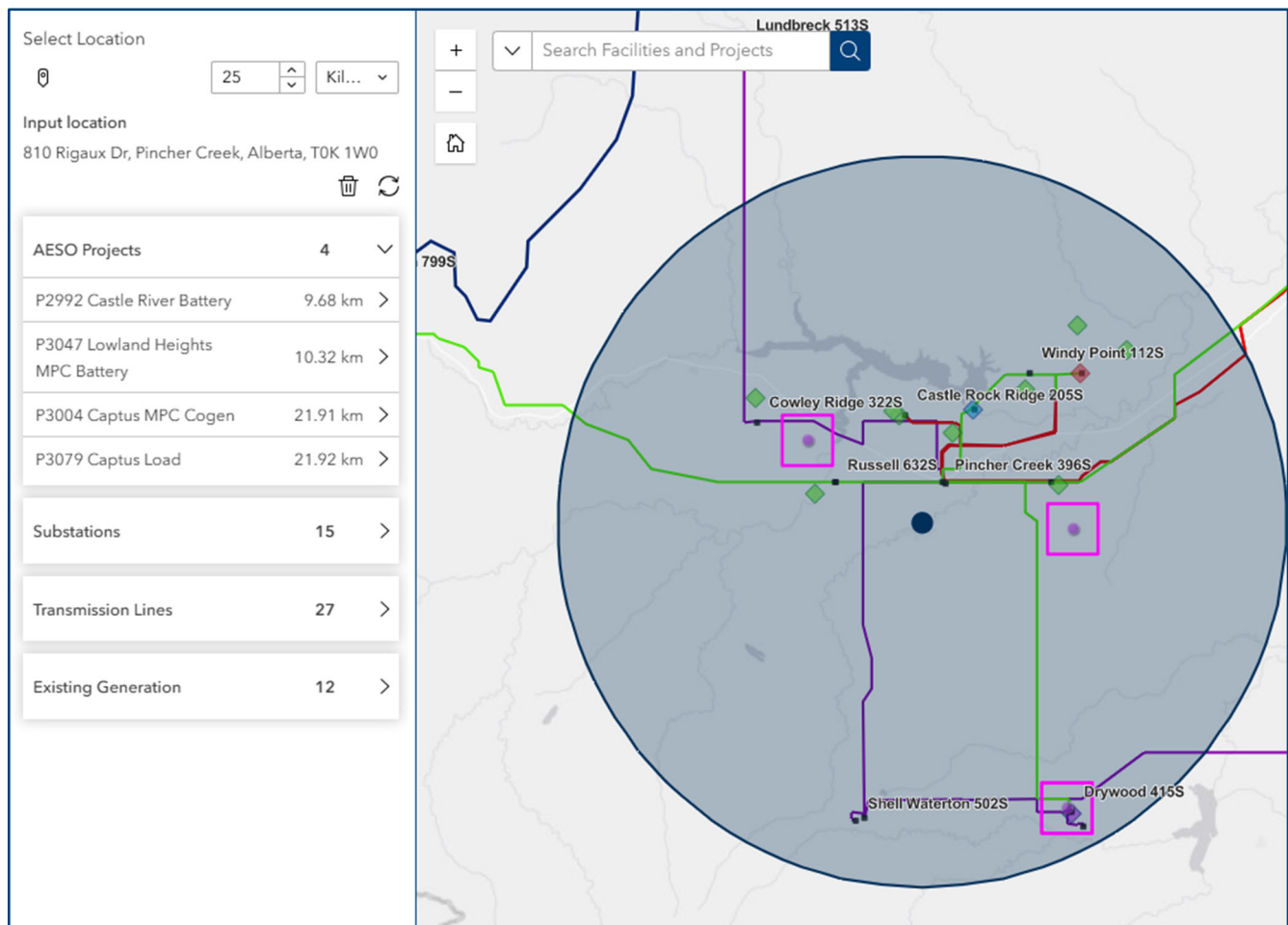
Within the Measure tool is the Coordinates tool, which allows the user to drop a pin on the map and view the coordinates (in decimal degrees) of that pin location. Additionally, coordinates will be displayed for the location of the cursor as it moves across the map.



Find Nearby Facilities

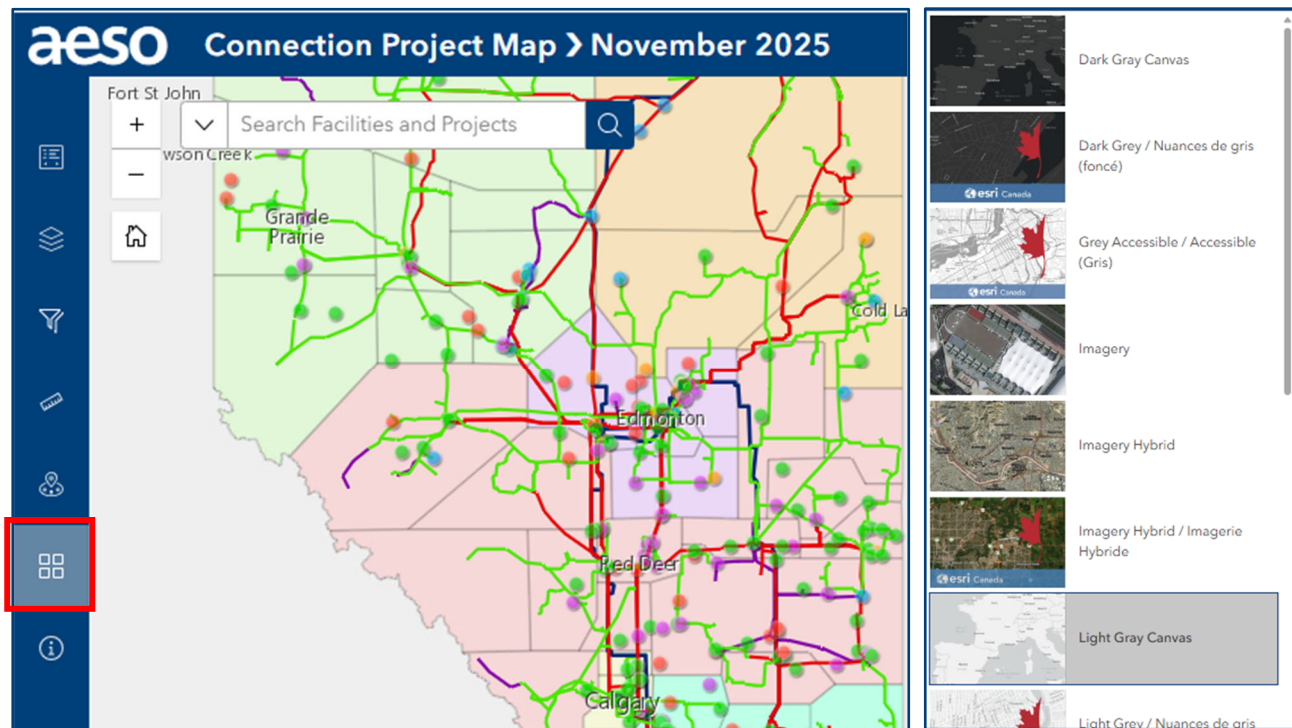
The Find Nearby Facilities tool is accessed with the NearMe button and can be used to find projects and transmission facilities within a specified radius of a location on the map. To use the tool, specify the search radius, select the point icon, and then place it on the map. The tool will display projects, substations, transmission lines, and generators within the specified radius of the pin location.





Basemap Gallery

The Basemap Gallery tool is accessed with the grid tab and allows the user to change the background of the map. A wide array of Basemaps is available, including detailed satellite imagery. Different basemaps will focus more heavily on different features within the map. Users can choose the basemap that best suits their purpose.



Map Info

The About tab contains general use information about the map, including tips on navigating the map as well as links to the [Connection Project List](#) landing page and this user guide.

