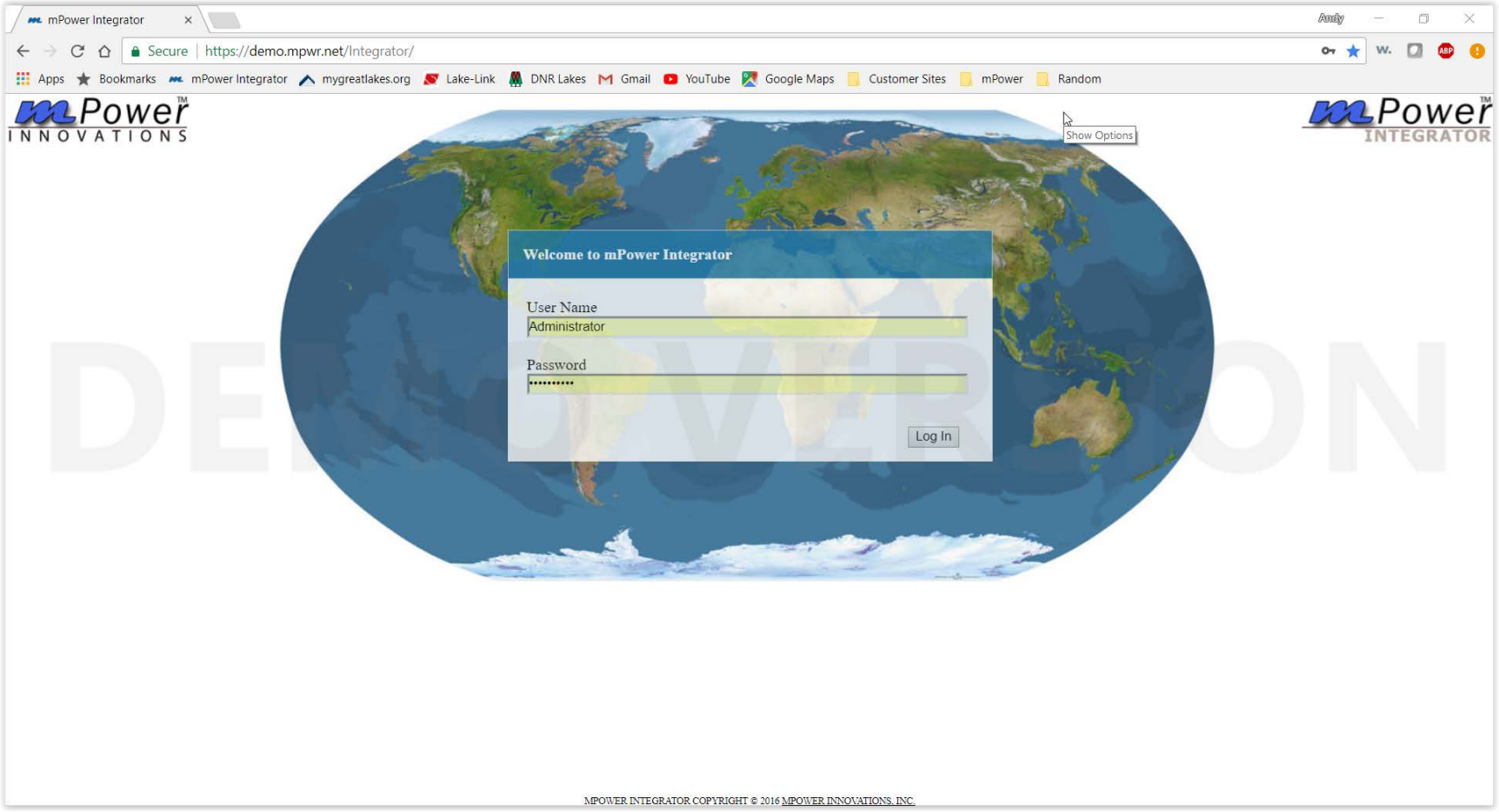
Contents

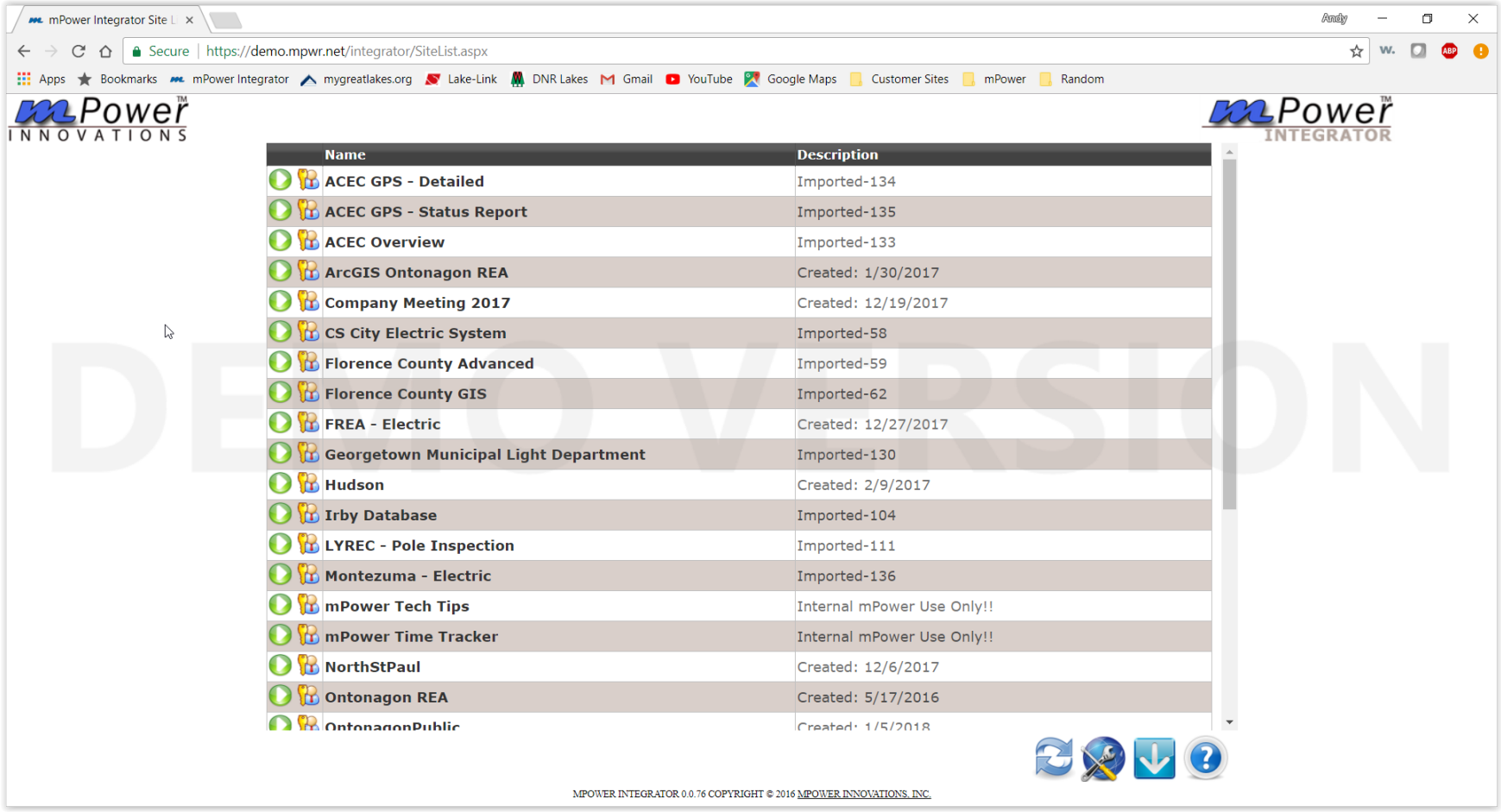
Integrator Basics 2
QUERIES 5
REPORTING 9
ADMINISTRATOR/BACK-END 12
Administration Home 13
Data Source 14
Map Services 15
Report 16
Query 23
User 25
Connectors 27

Integrator Basics

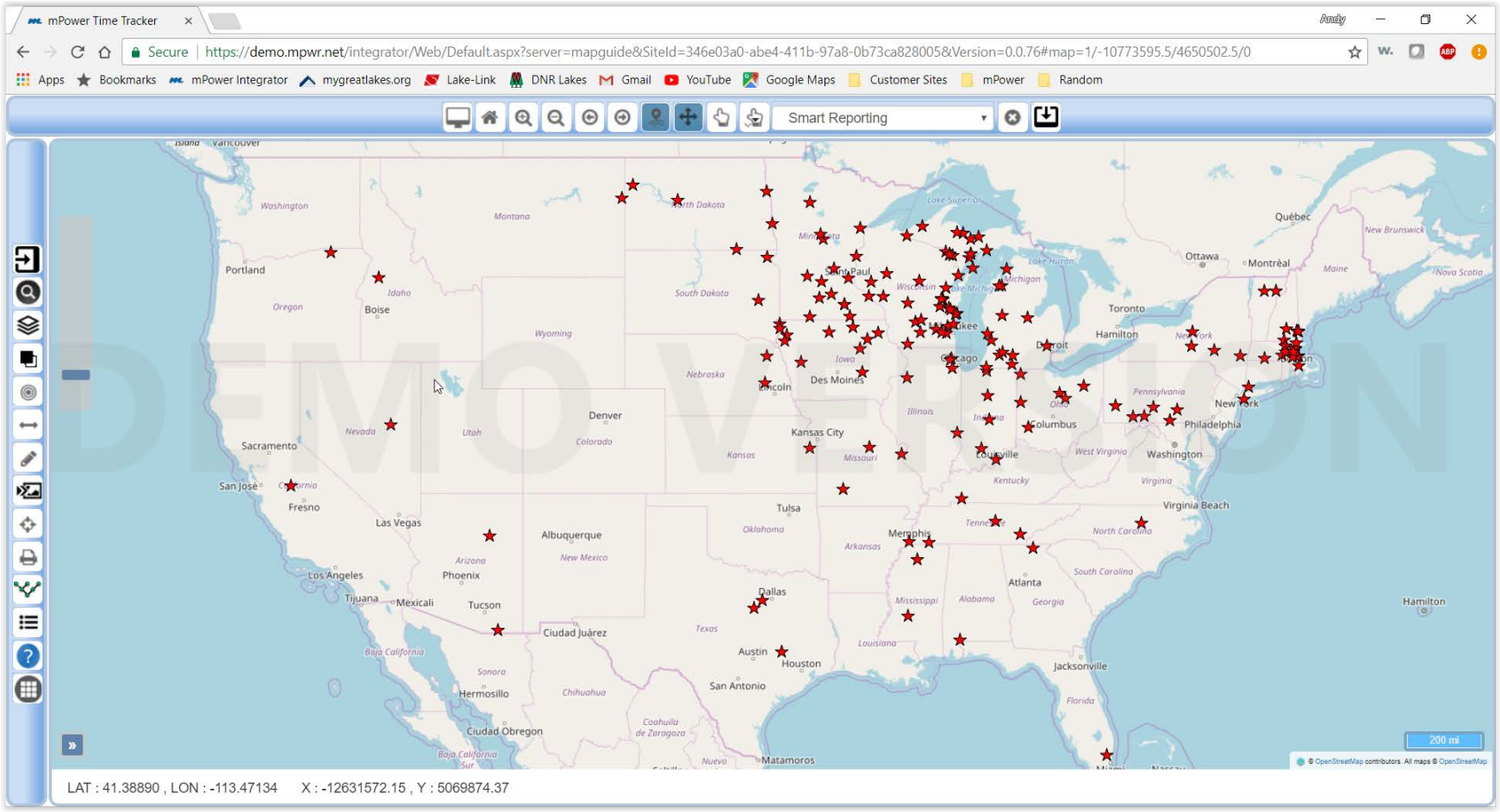
- Navigate to your Integrator webpage and login.



- Click on the site you want to open (Green ‘play’ icon or click on the name).



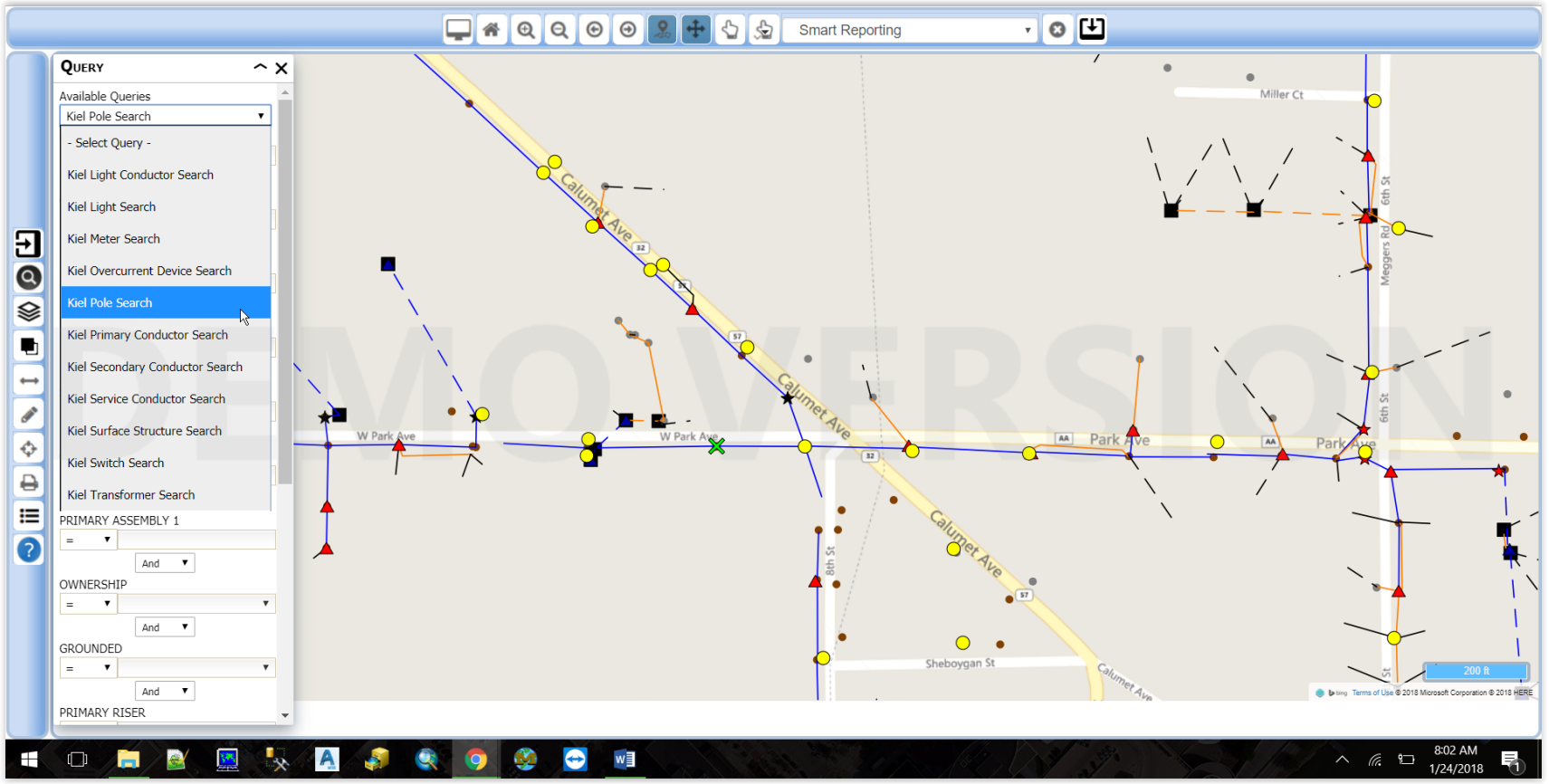
- Your map is now open



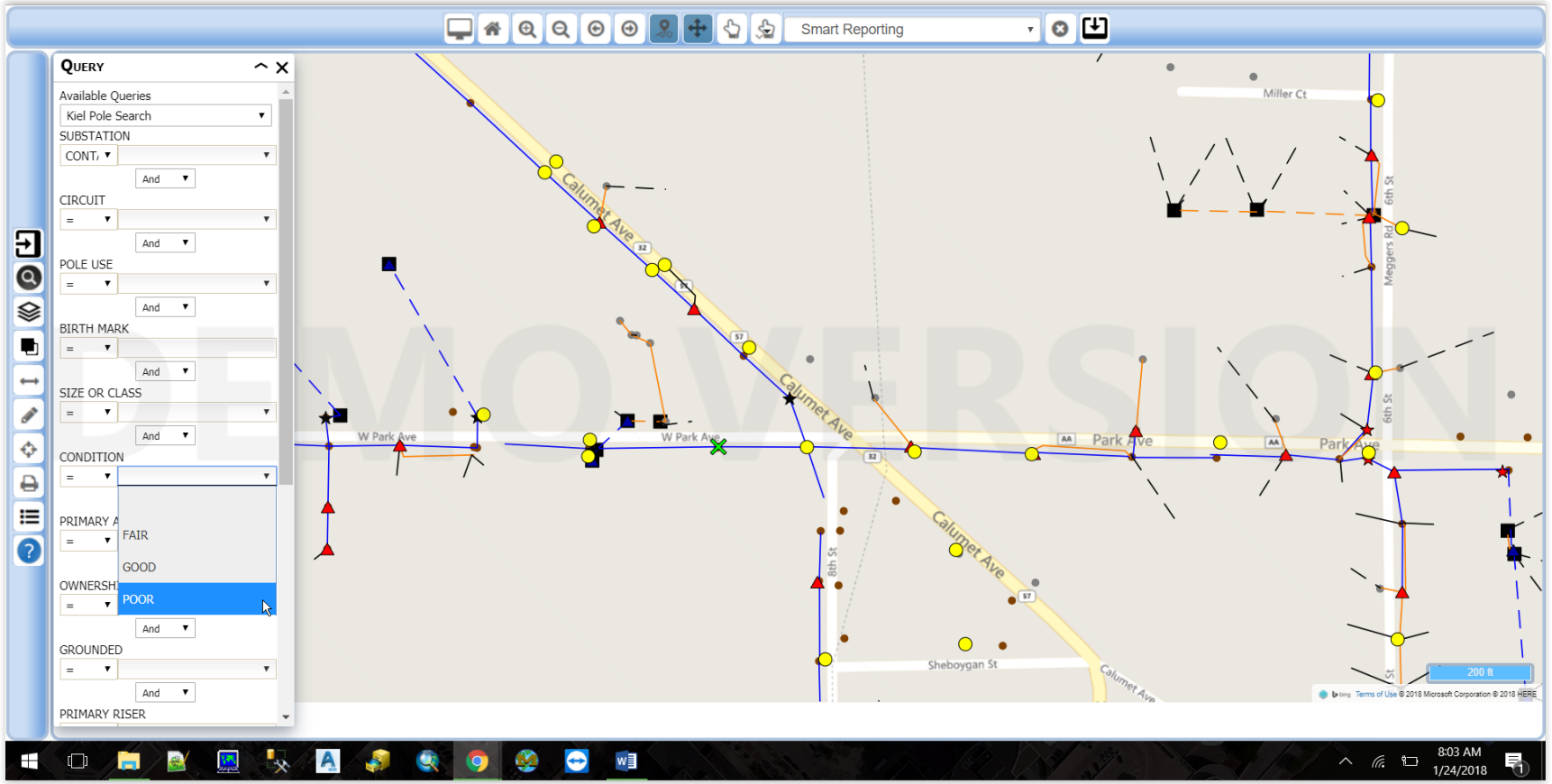
QUERIES

- Running a Query
    - Click the Query Tools button (magnifying glass/search button)

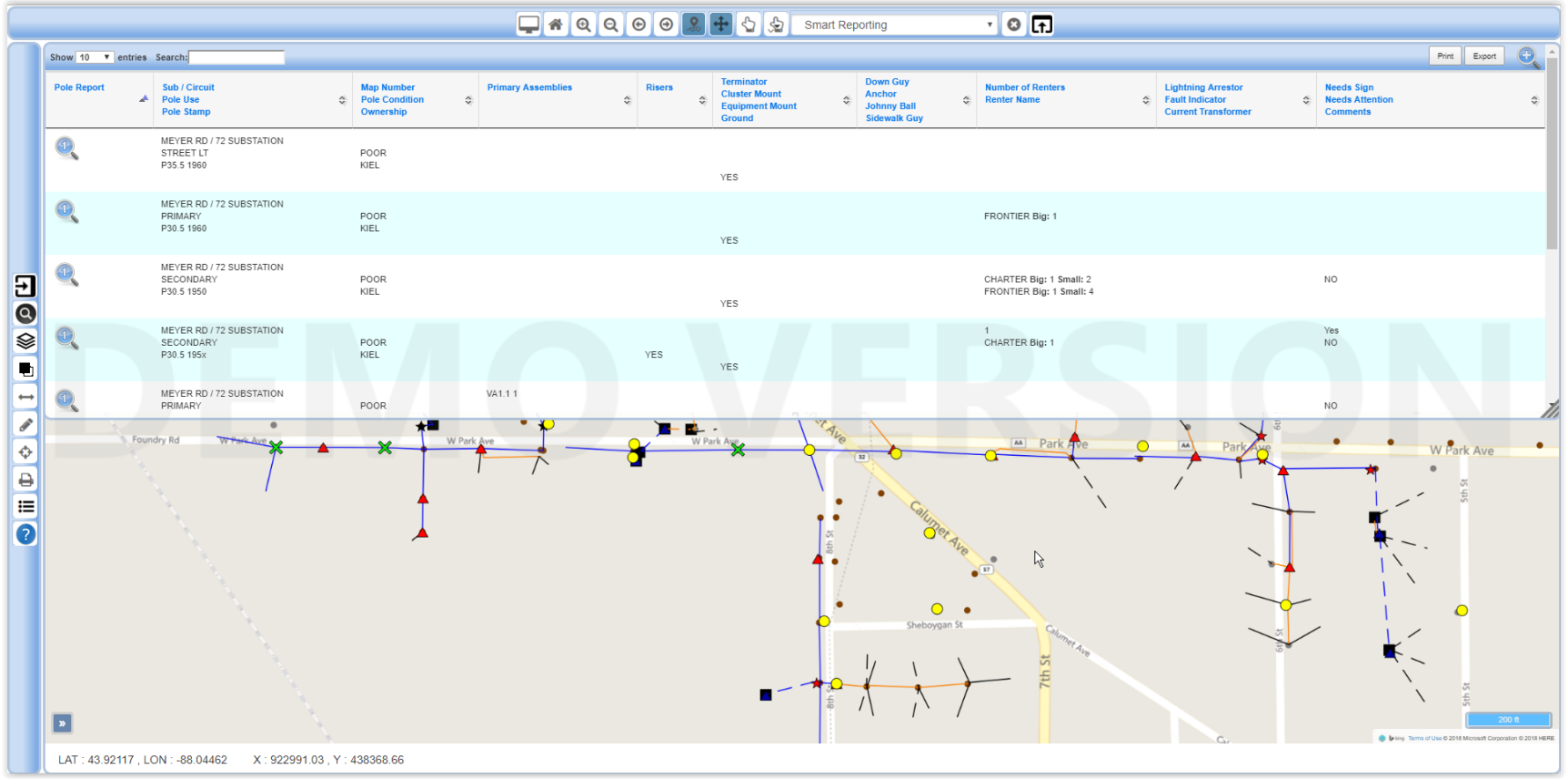
- Choose a search from the Available Queries tab.



- Choose a parameter to search by (Ex: Condition = POOR, Needs Attention = YES, Transformer Type = STEPDOWN, etc.)
    - Choose an available report that is associated with your query (Available Reports).
    - Scroll to the bottom → Run Report



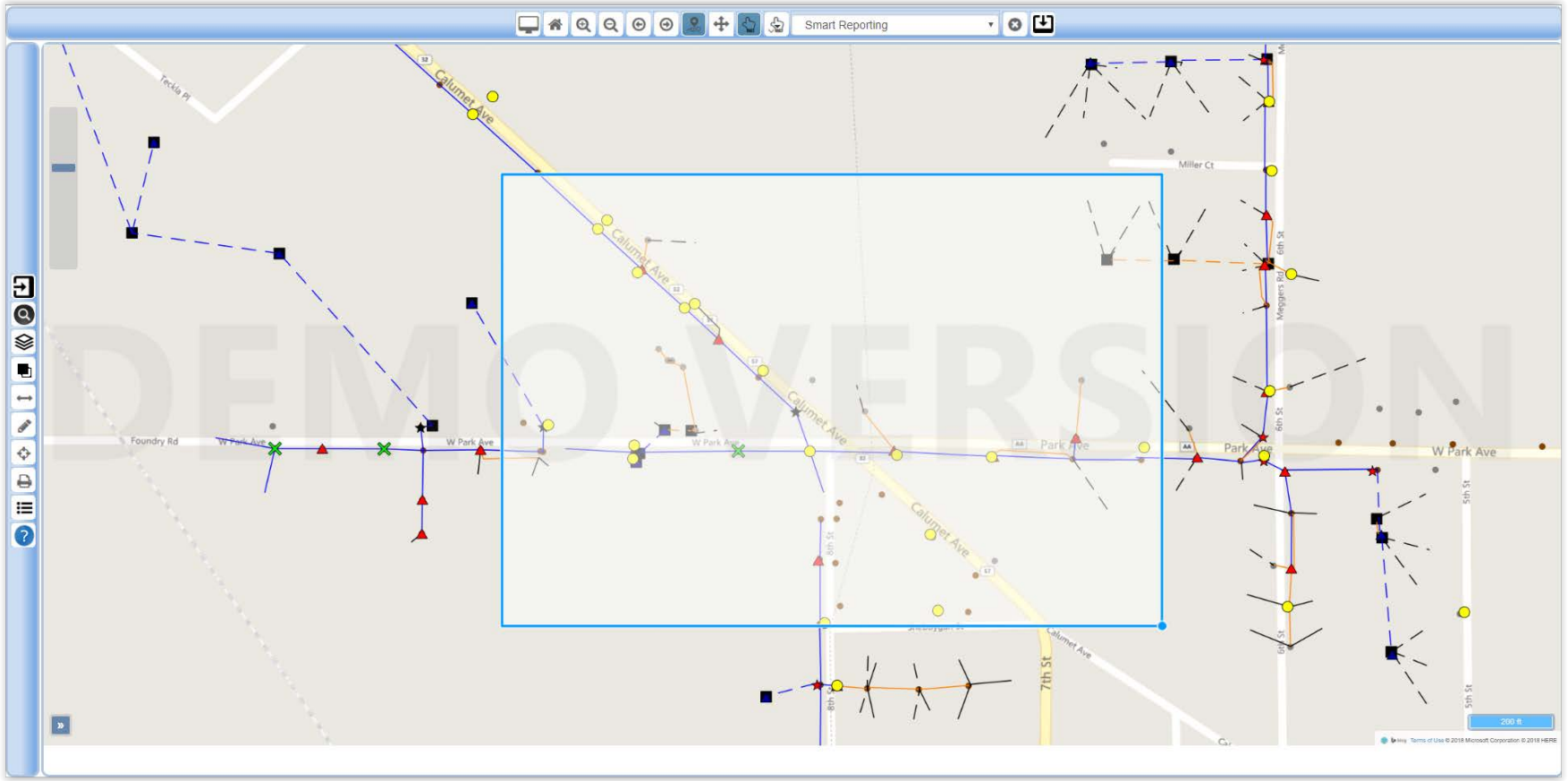
- Your report will display at the top of the screen in a ‘pull-down’ window.
    - This is where your information can be accessed/viewed
        - Zooming, sorting, exporting tables, and printing are some of the capabilities your report can offer.



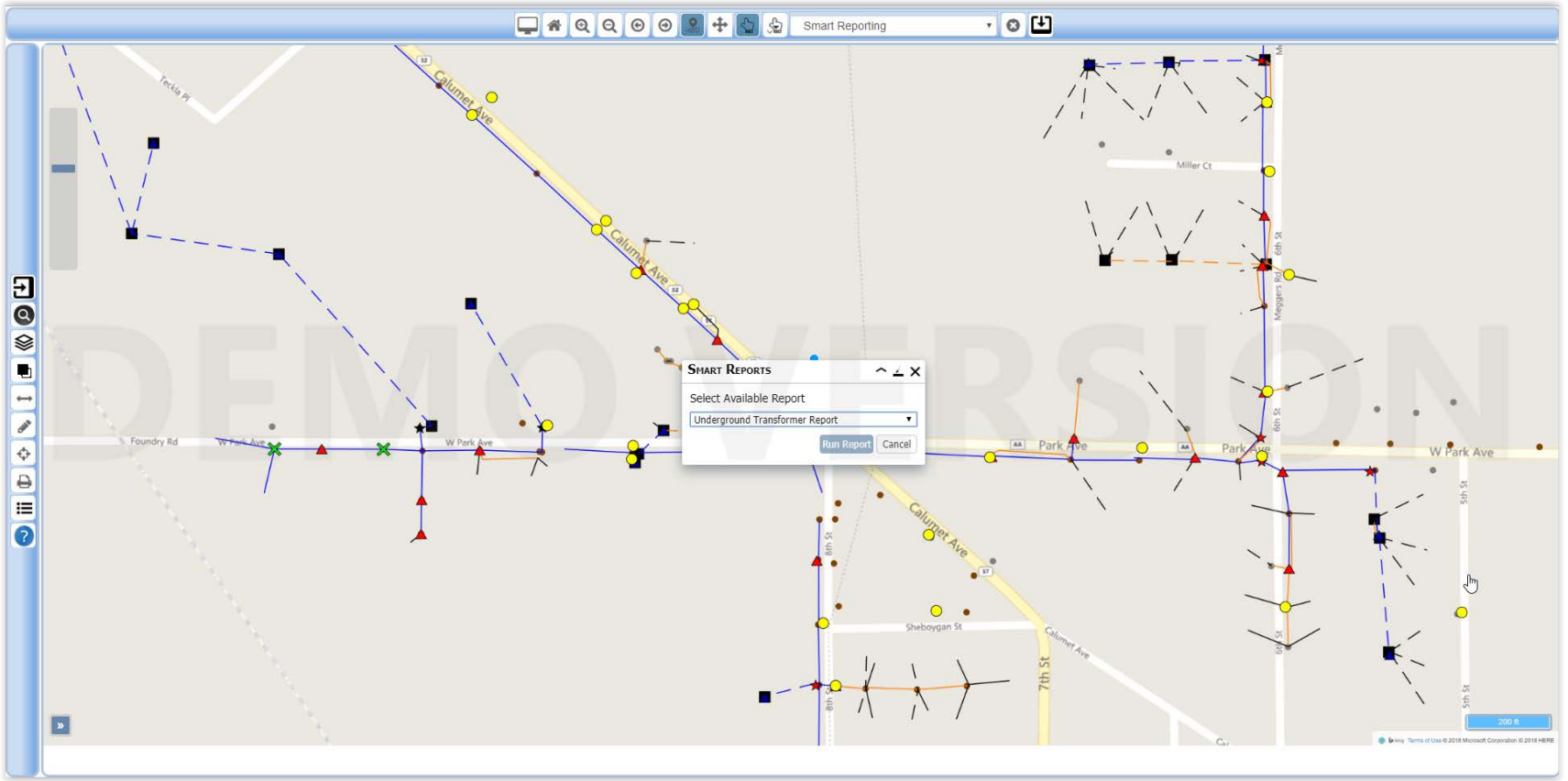
REPORTING

- Click either ‘Select’ or ‘Select Options’ on the top toolbar.

- Select a window or an area you would like to search within.



- A window will pop-up if there are available reports to run.
    - Select the report you are looking to run based on your selection.
    - Click ‘Run Report’



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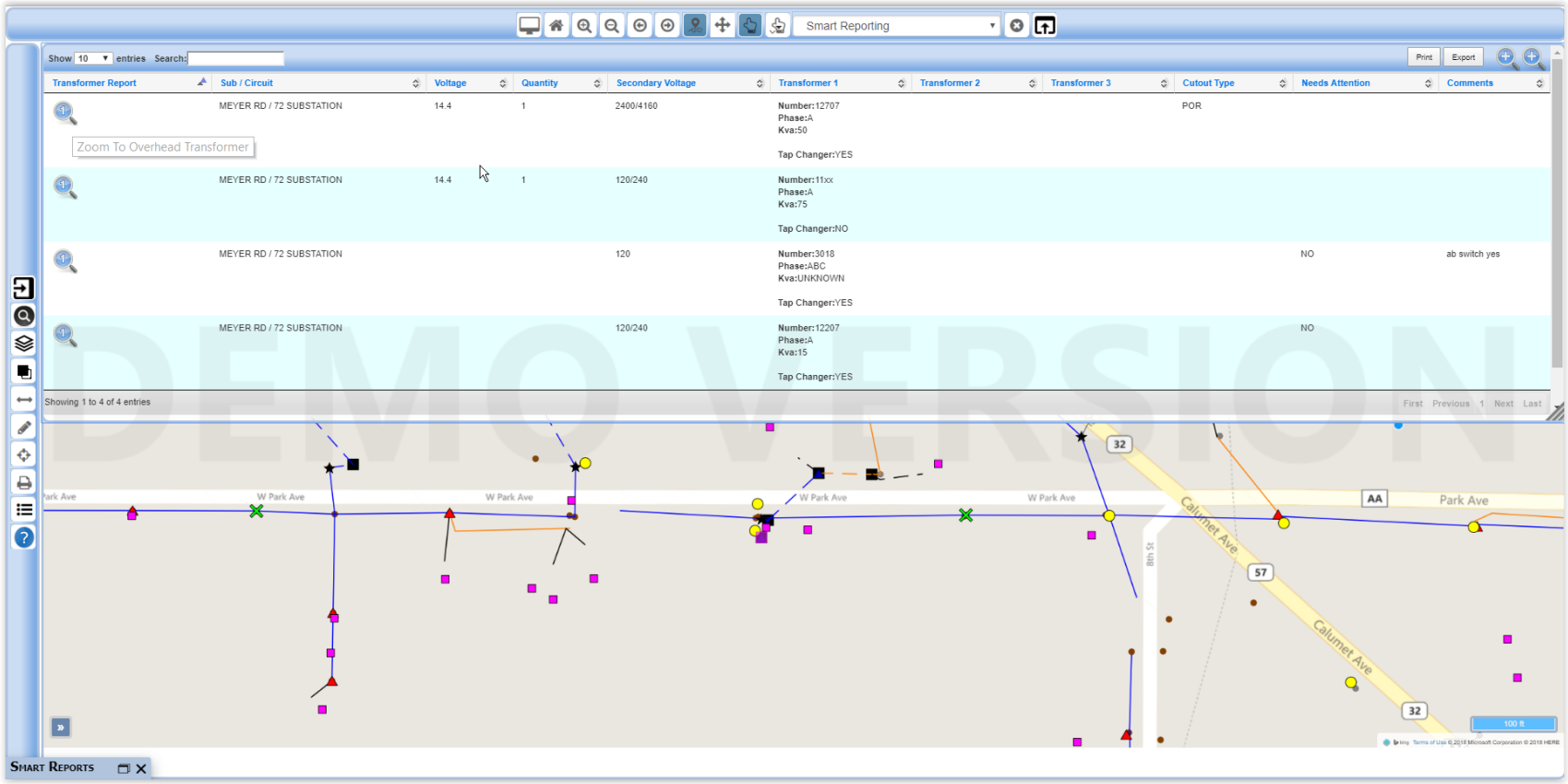


ADMINISTRATOR/BACK-END

- To get to your Administration page, click the ‘System Menu’ icon.

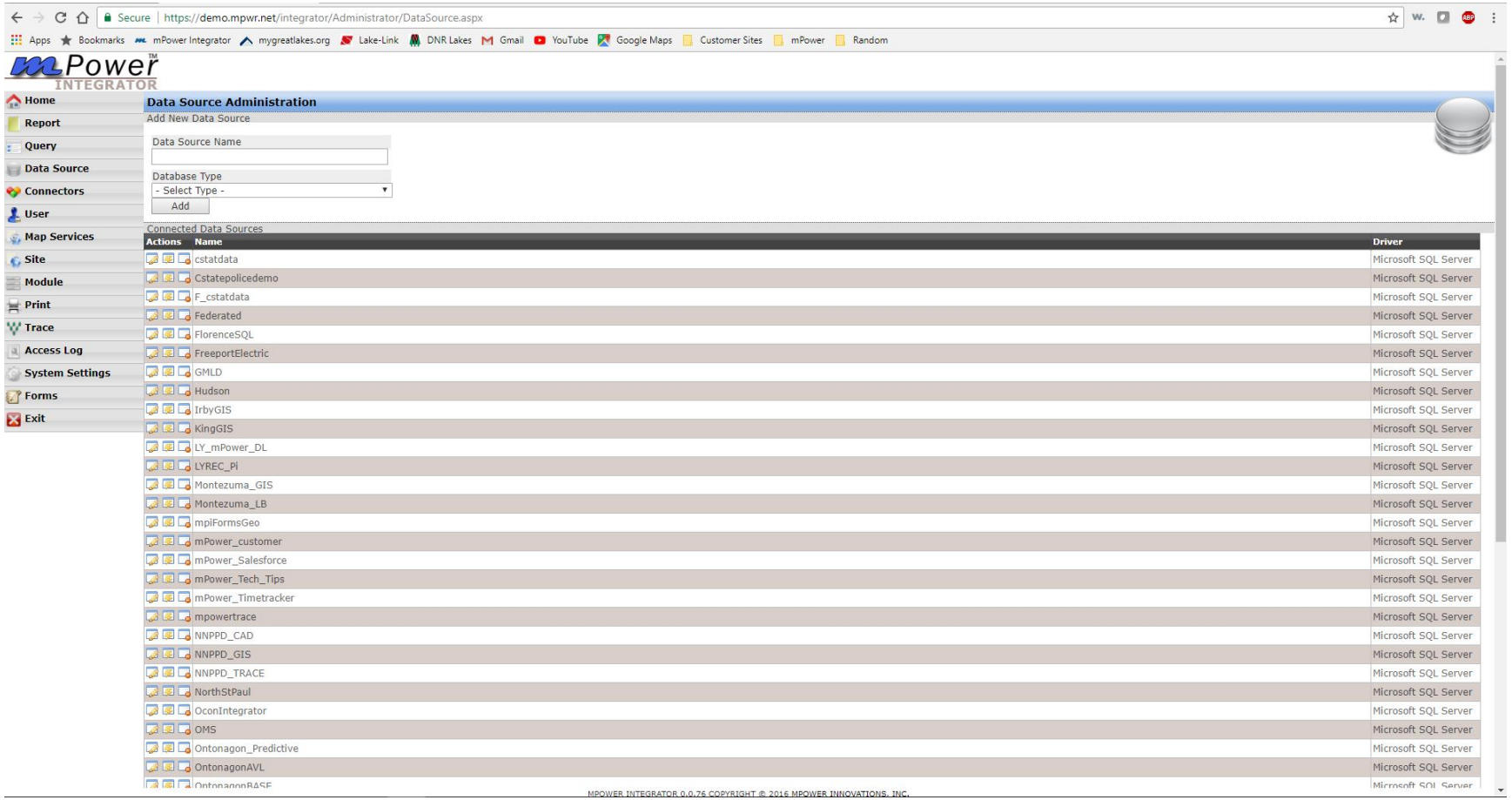
- The System Menu button brings up the following window
- If you have more than one map, your other maps will be located under ‘Available Sites’
    - Click on a map you want to go to.
- To get to the Administration page, click the ‘Open Integrator Administrator’ button (globe icon with the wrench and screwdriver in front of it).

Administration Home

- This is the back-end side of Integrator and is used to build your site.
    - Queries, Reports, Forms, Usernames, Passwords, Settings, User-Rights, Printing, and many other administrative tasks are performed through the System Administration.

Data Source

The Data Source Administration page is where you designate a source for your data that your map will be based upon.



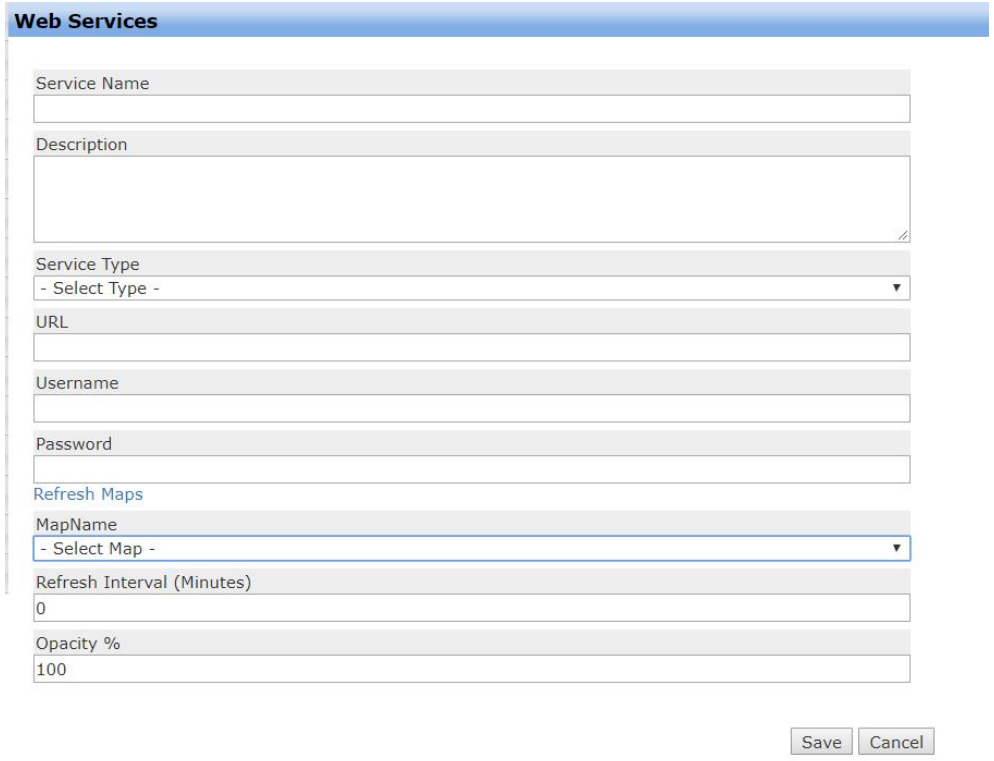
Creating a new data source:

1. Give your data source a name.
2. Choose the database type that your data is located in.

3. Click “Add”.
4. Fill out all details about your data source so that Integrator can connect to your database properly.

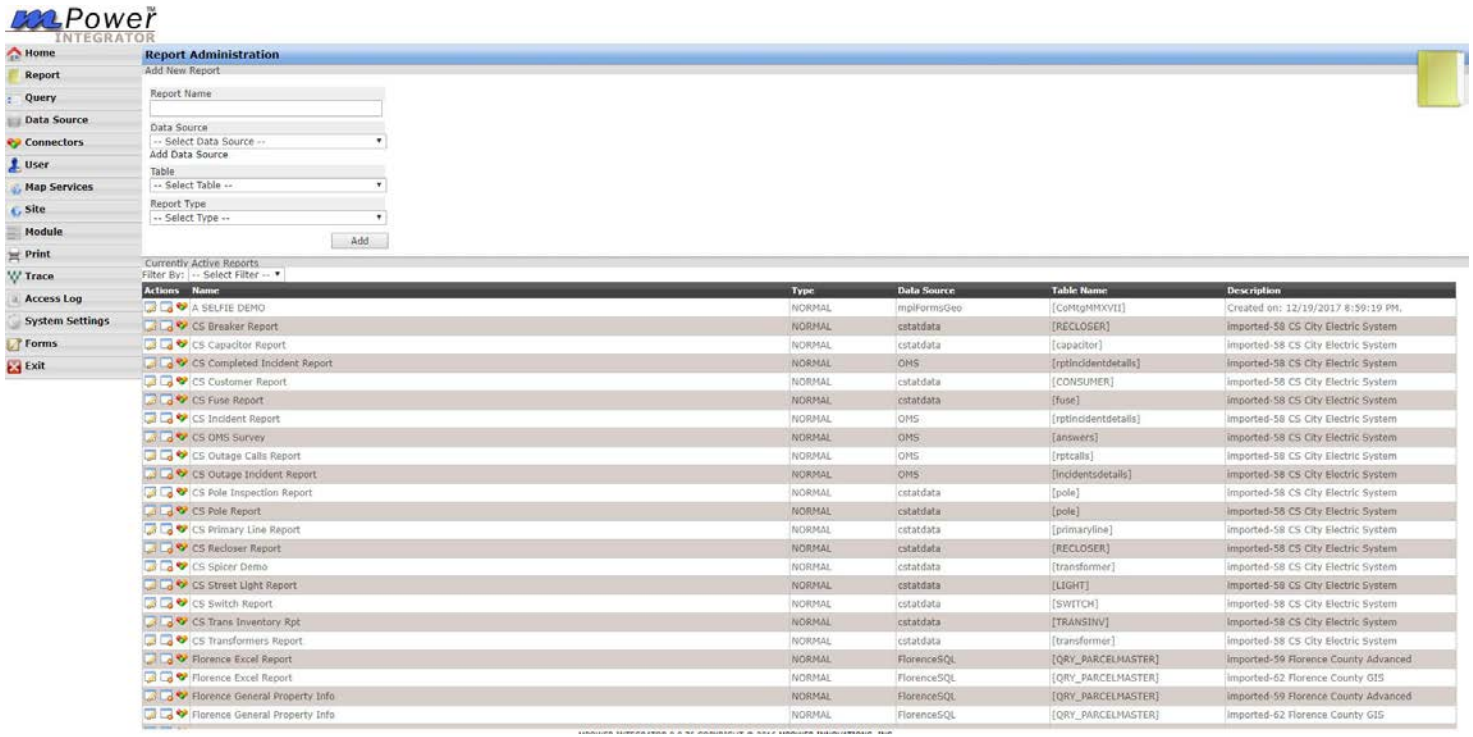
Map Services

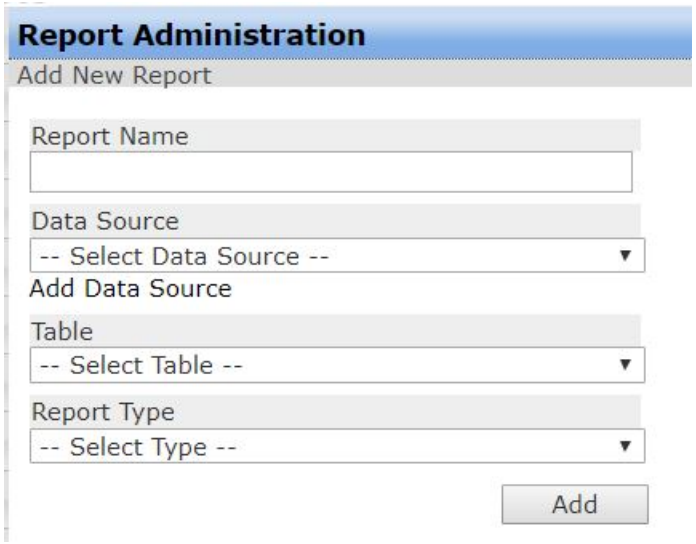
The Map Services/Web Services page is where you define what map service type you are using to create/stylize your map. This is where you would define whether you are using MapGuide, ESRI ArcGIS Server, or Autodesk Infrastructure Map Server.



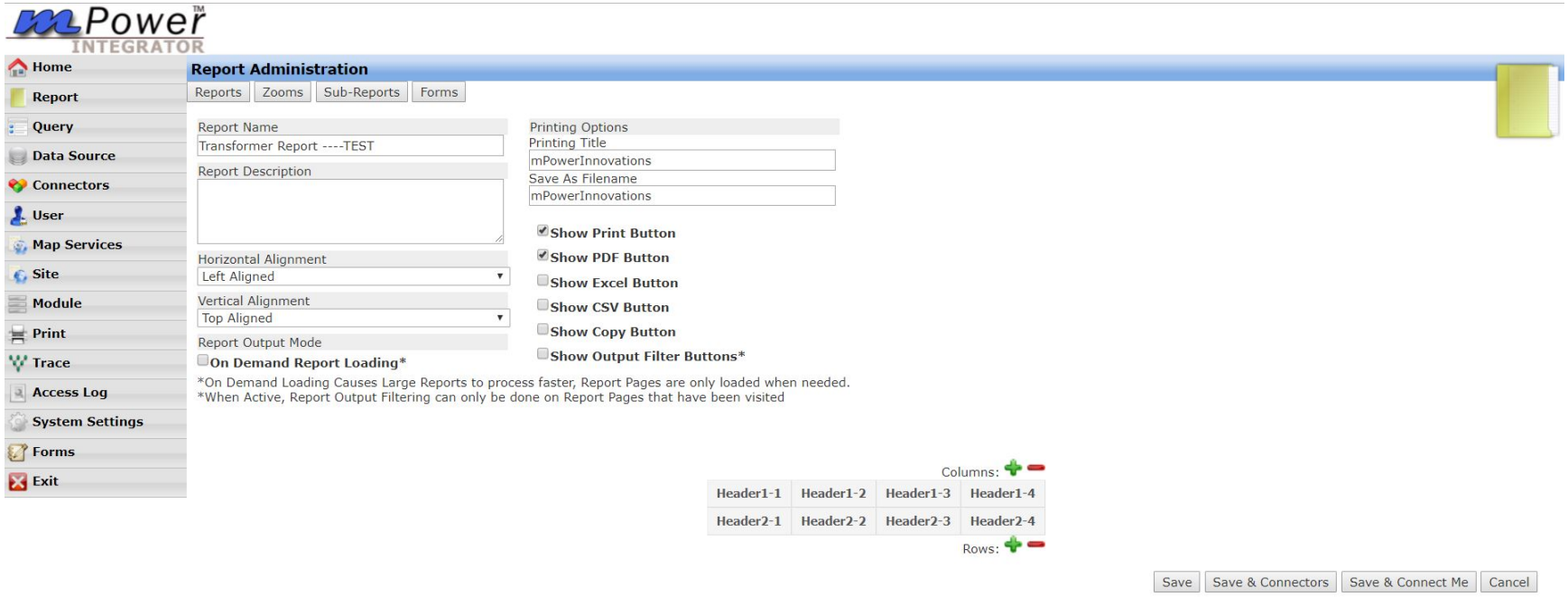
Report

The Report Administration page is where you create customized reports based on what you want to see when making selections in your map. The first thing you do is decide what you want your report to be called (Ex: Transformer Report). Then you select from the drop down the data source (database) that contains the data you will be referencing. From there, you pick the table you're your data source and the report type you are interested in. Click "Add".

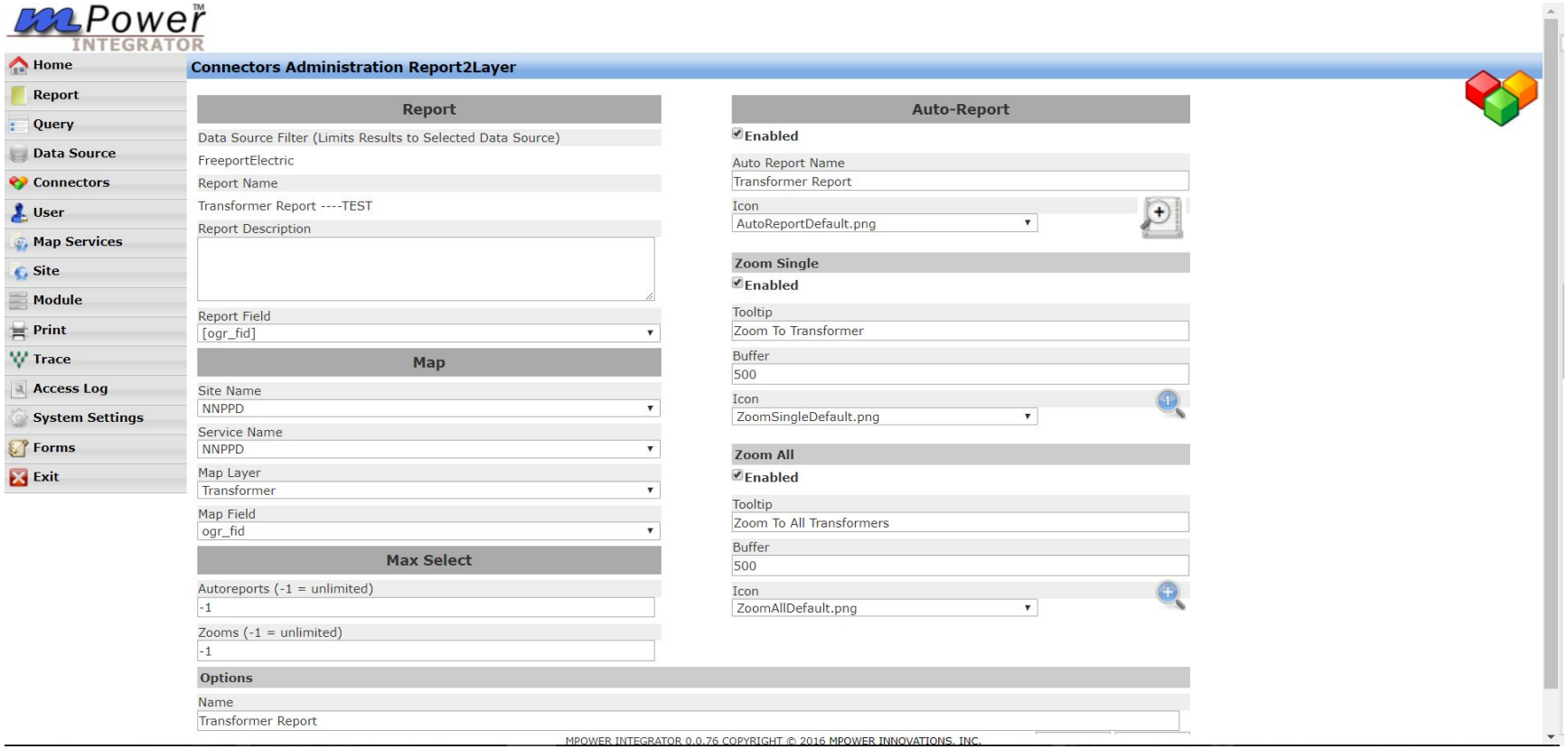




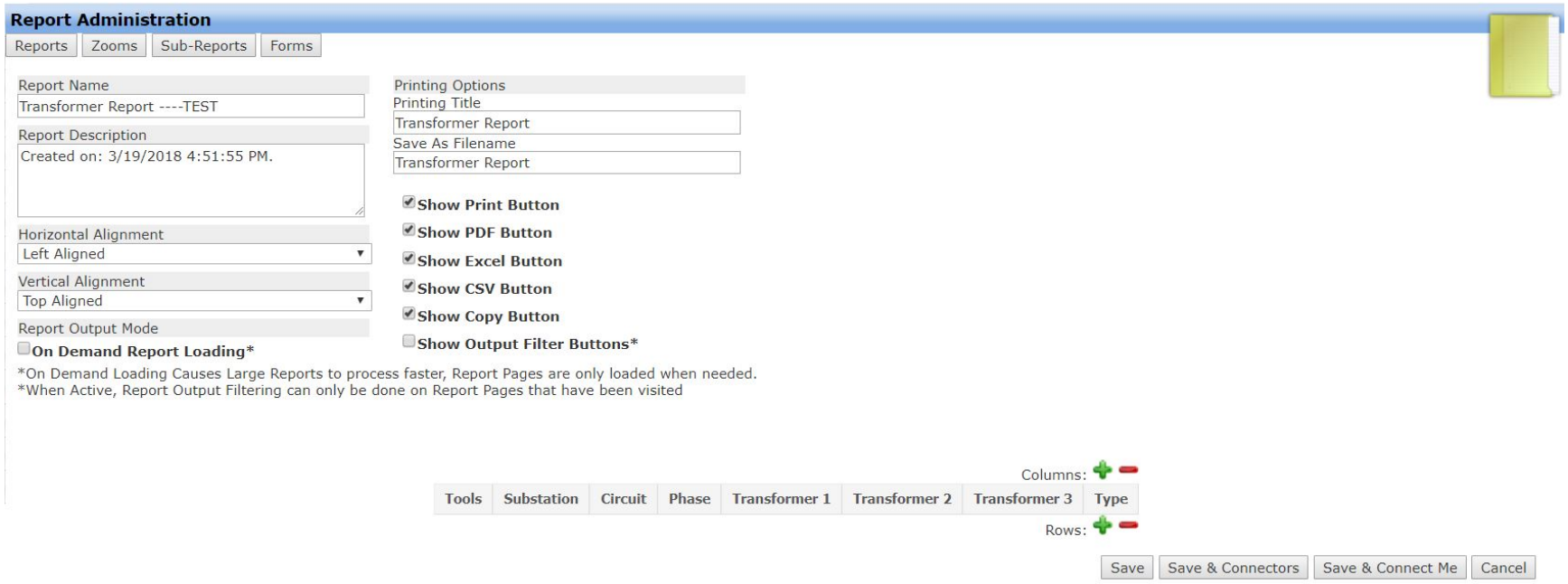
Now you are in your new report. This is where you design your report.



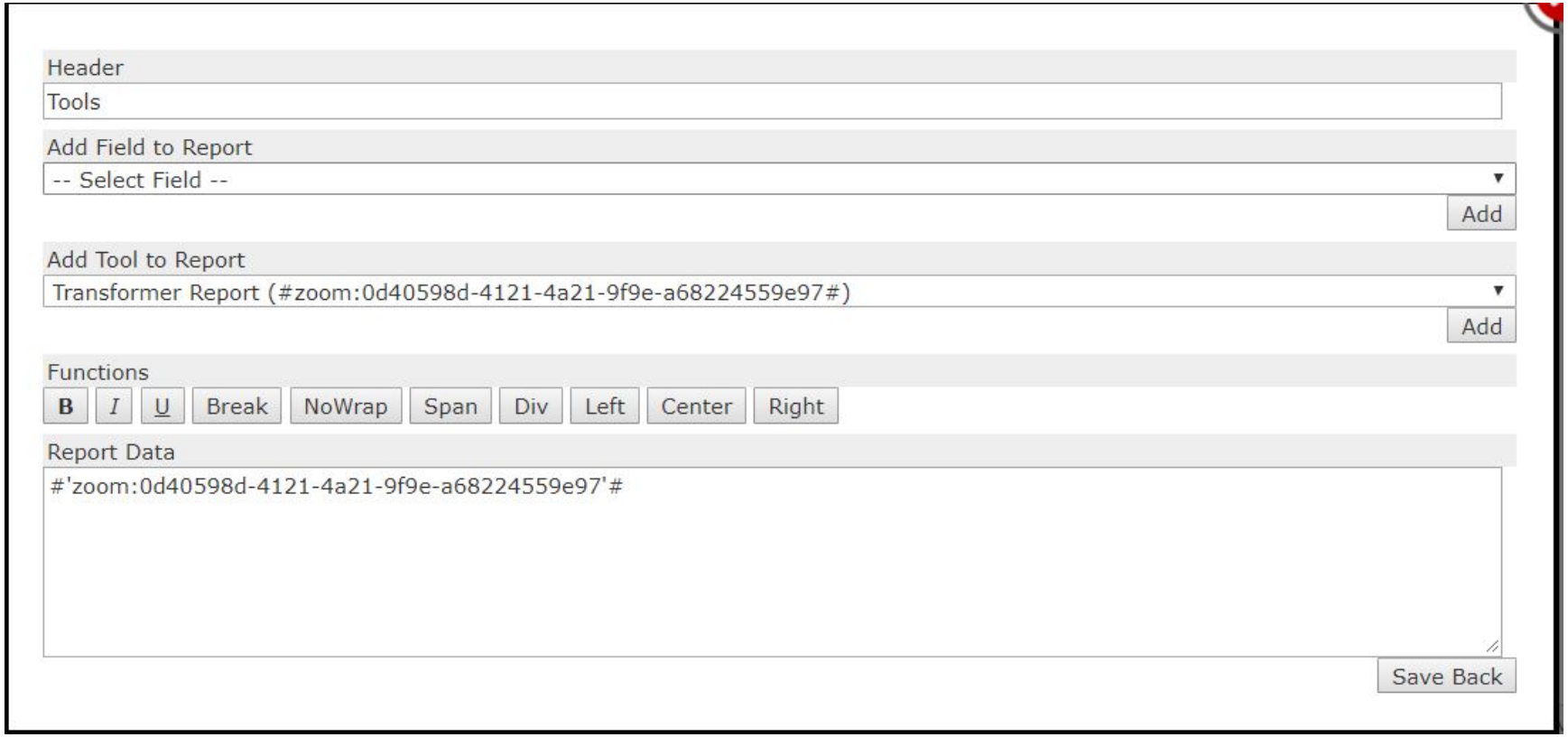
The **Zooms** tab at the top brings you to another page in which you can create a button to put into your report that will allow you to zoom to an individual feature. Click **Zooms**.



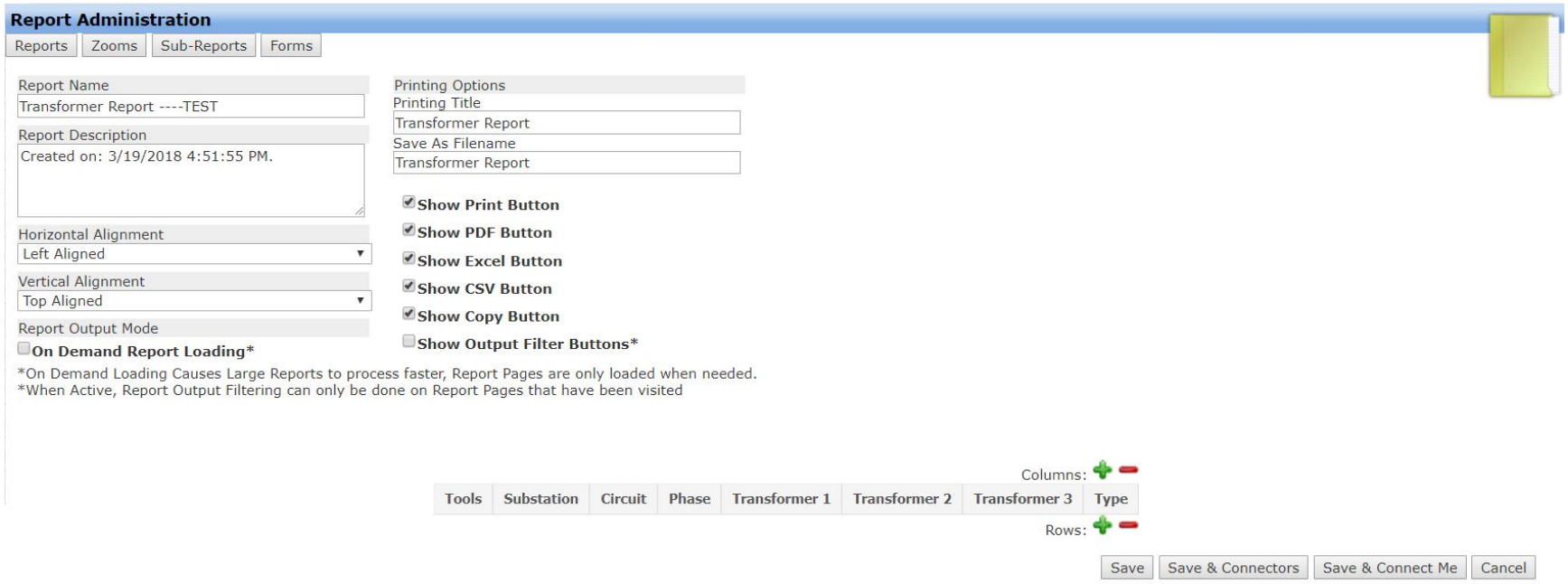
The Report Field is the field within the data that uniquely identifies each feature. The report field and map field should both contain the same values (in your database) for the report to work correctly. Within the **Zooms** tab, you will also see something called **Auto-Report**. An Auto-Report is used when you make a selection in the map. If you select an area, there will be a pop-up box that shows up in the middle of the screen. This pop-up box has a pull-down list of all Auto-Reports available to run based from the area you just selected. The Auto-Reports only pop up if you go into your **Zoom** tab in your report and check the box under Auto-Report that says Enabled. Every Auto-Report that is possible to run in the area you selected will show up in the pull-down list. Once you are done completing your zoom button and Auto-Report, you can begin creating the main report. Each box window can be customized to show the data you choose. Simply add the field or tool (zoom button) to the column in the order you like and save your report. Once connected to your site and user login, you will be able to run your report in your map (we will go over connectors later)



Once completed with your zoom/auto-report, you will navigate back to this page. An example of what a created report could look like is above. Each gray box has been customized to point towards a field in the database in which this report is referencing. If you click on one of the gray boxes, you will see how you can add a field or a tool (zoom/auto-report) to that box.

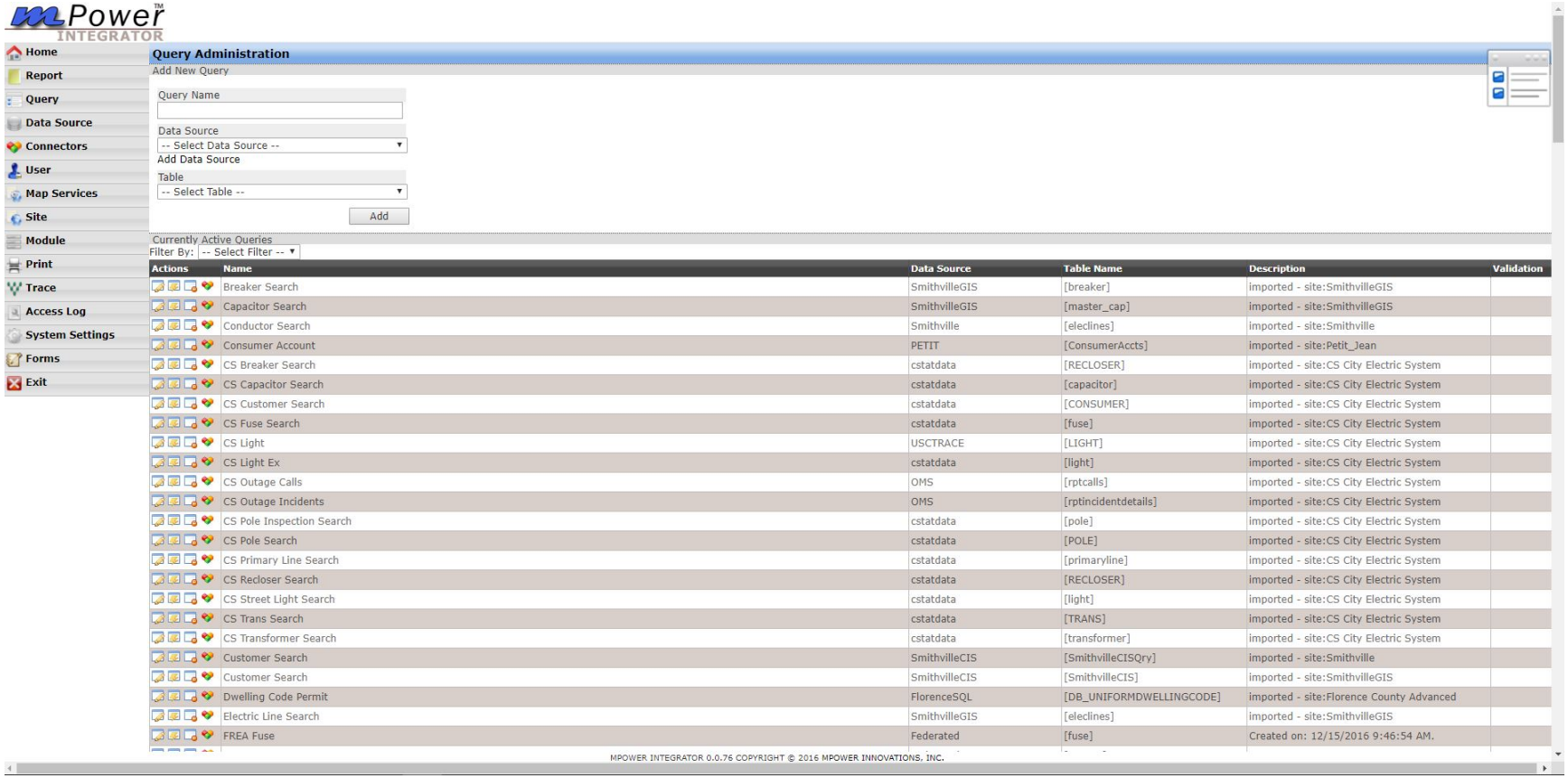


The **Add Field to Report** drop down pick list will list column names from the table in your database. The **Add Tool to Report** drop down pick list will contain any zooms/auto-reports you have created. Simply select what you want to add to this box and click **Add**. You will see your field/tool populate the **Report Data** textbox at the bottom. Click **Save Back** when you are done.

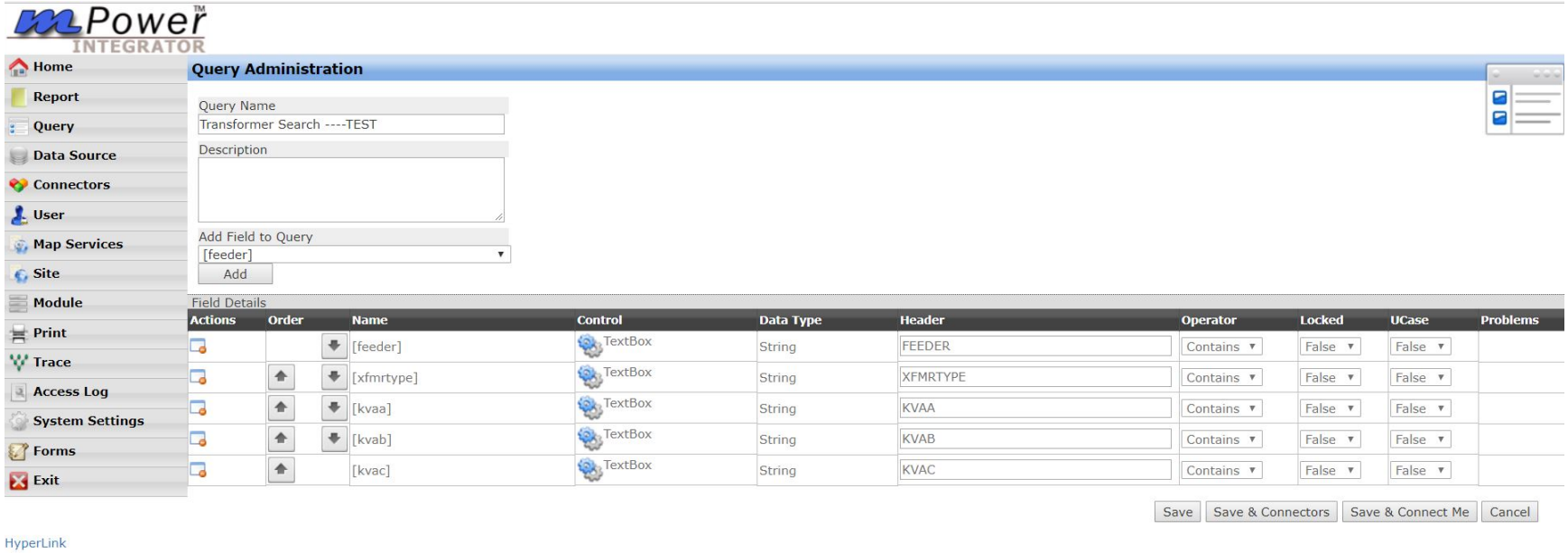


You will be brought back to this page. Continue populating each gray box with the values you would like to see in your report. You can add or remove columns and rows as needed. When finished, click **Save.**

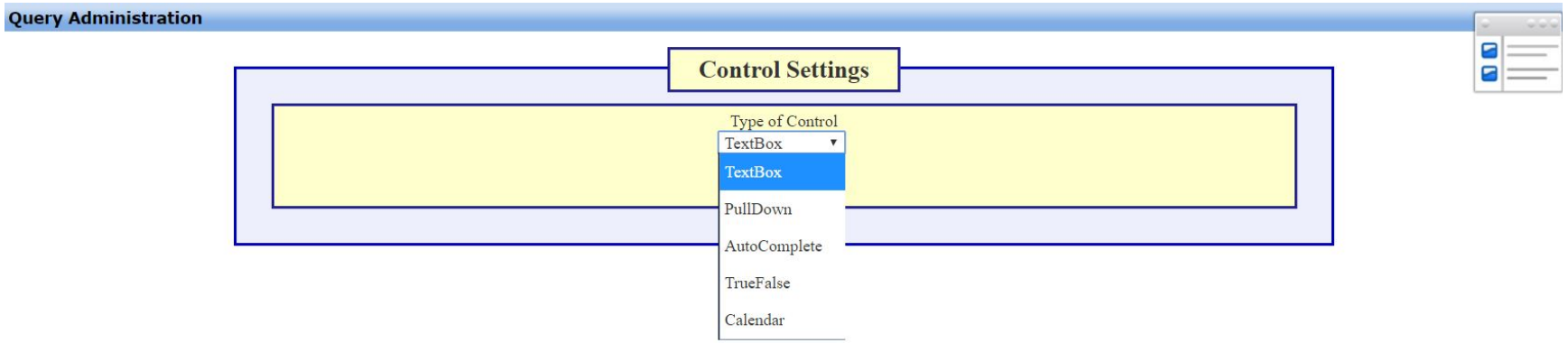
Query



The Query Administration page is where you set up customized searches to be available to you in your map. Just like reports, you give your query a name, select the data source, choose the table in the data source that your search will be based on and click **Add.**

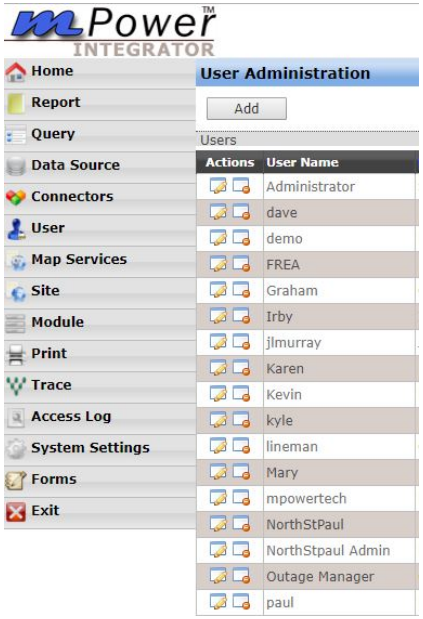


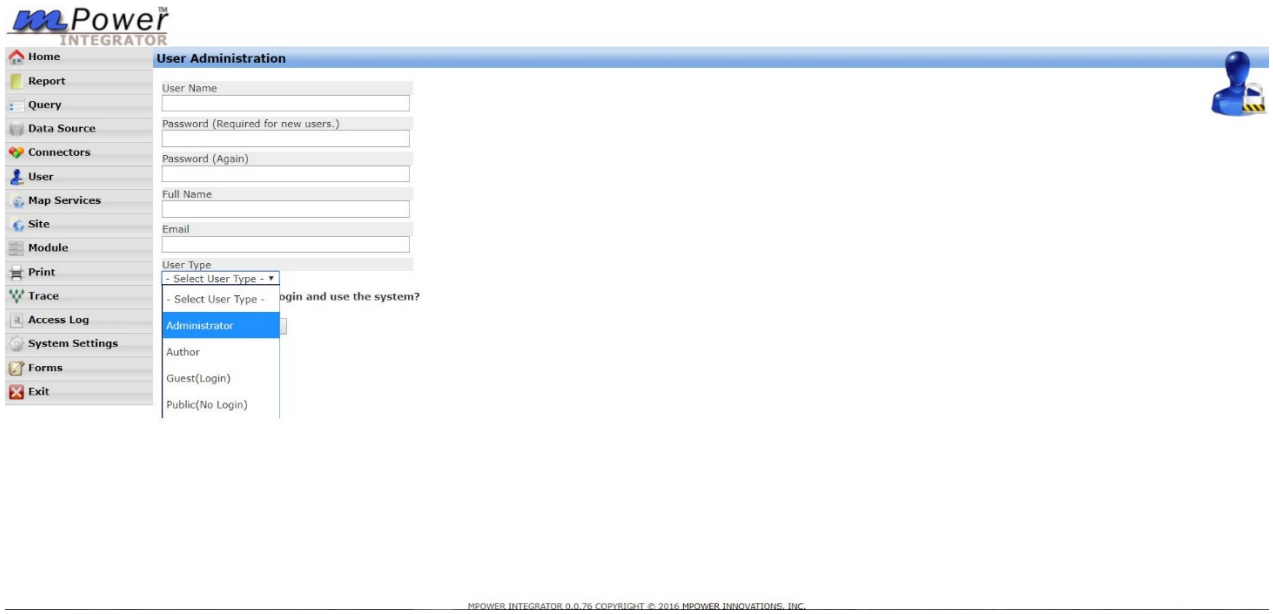
Now you are creating your query. Each field you add to your query will be something you are searching for. Once some fields are added, you will see a column called **Control** (gear icon).



This column is where you designate the type of search you would like to perform, whether that be a textbox that you fill out, a pull-down list of available options, an autocomplete textbox, true/false, or a calendar. Each field you add to your query can be customized to have different search types. Once you have finished building your query, click **Save**.

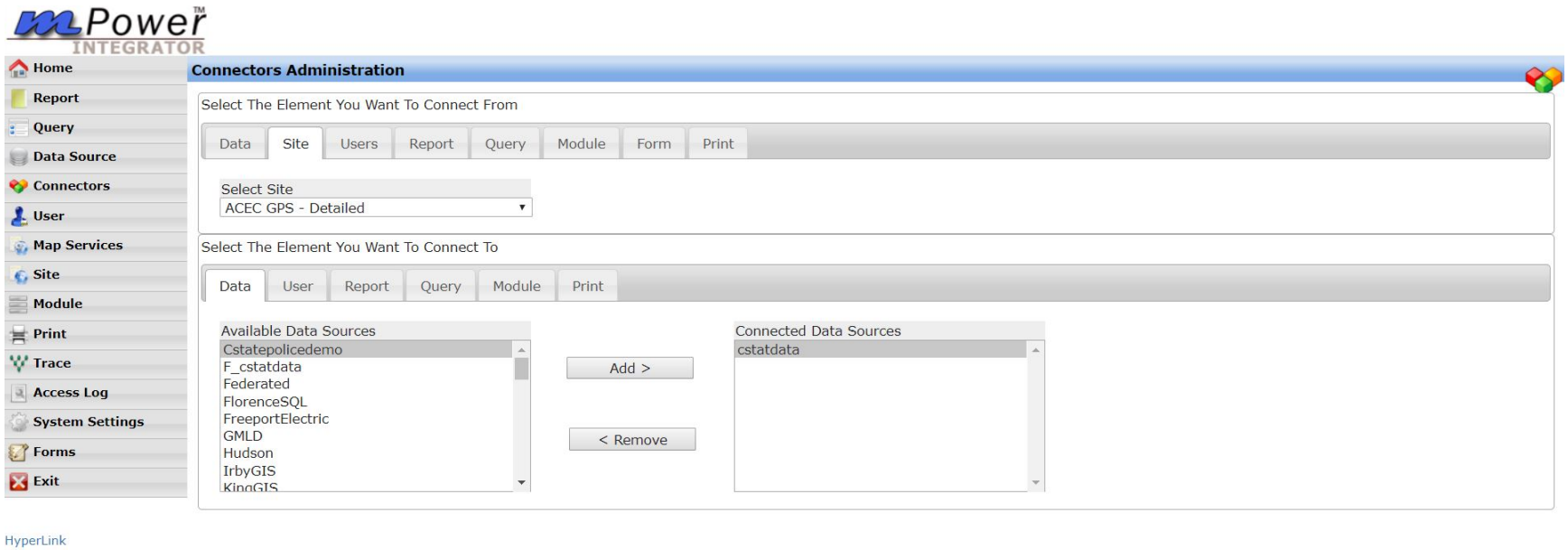
User





Under the User Administration page, you can add usernames to give people access to log in to your Integrator site. All you must do is click **Add** and type in corresponding information into the textboxes. You can determine the user type for individual usernames. User types restrict the capabilities of that username depending on what user type you choose.

Connectors



The Connectors Administration page is where you go to connect all your reports, queries, users, to your site (map). If you do not connect everything to your map, you will not be able to access any of it. You will see a window that shows what elements are available to connect and you will see a separate window that's adjacent to it that shows the elements you have connected already. Simply choose the various elements you want to connect to your site, username, report, query, etc. and click **Add >**.