|  |
| --- |
|  |

Table of contents

APPENDIX A. Connecting RACC-FSC to DEER Database 2

List of tables

[Table 1. Recommended Field Contents in PostgreSQL Unicode ODBC Driver 2](#_Toc159428432)

###### Connecting RACC-FSC to DEER Database

Multiple DEER database tables are connected to the RACC-FSC\_v3.0 workbook so that they are available to stakeholders and can be easily updated without needing to reissue the workbook as frequently. Questions can be sent to: [DEERsupport@dnv.com](mailto:DEERsupport@dnv.com?subject=ODBC%20connections%20to%20DEER%20database).

The DEER database is a PostgreSQL database. Since DEER tables are updated as warranted by new EM&V studies or stakeholder requests, they may require periodic refreshing. It is recommended that users sign up for alerts to the DEER database webpage within the DEER Module of the CEDARS website. Updates to these tables will be announced as they occur at [<https://cedars.sound-data.com/deer-resources/deer-database/deer-change-log/>](https://cedars.sound-data.com/deer-resources/deer-database/deer-change-log/).

First-time DEER Database Access Instructions for Windows Computers

To learn about PostgreSQL Office Database Connection (ODBC) drivers, go to <https://odbc.postgresql.org/>.

1. Download the most recent version of the available zip files (with newest at the bottom of the page) from <https://www.postgresql.org/ftp/odbc/versions/msi/>. If your computer has 64-bit Office installed, be sure to download the zip file with its name appended by “-x64.” While most users have 32-bit Office installed. This can be confirmed by, in Excel, going to **Account > About Excel**. If the version title doesn’t contain “64-bit” somewhere, then it is most likely a 32-bit installation.
2. Unzip the downloaded zip file and run the .msi file appropriate for your Office installation.
3. From the Windows Start menu, launch Windows Administrative Tools > ODBC Data Source Administrator.
   1. Select the “User DSN” tab (rather than the “System DSN” tab that runs along the top of the dialog box.
   2. Click the “Add” button.
   3. Select PostgreSQL Unicode from the dropdown menu.
   4. Populate the “PostgreSQL Unicode ODBC Driver (psqlODBC) Setup” dialog box as shown in Table B-1.

Table B-1. Recommended Field Contents in PostgreSQL Unicode ODBC Driver

| Left Column Fieldname | Contents | Right Column Fieldname | Contents |
| --- | --- | --- | --- |
| **Data Source** | PostgreSQL35W | **Description** | PostgreSQL |
| **Database** | DEER | **SSL Mode** | Allow |
| **Server** | cpucexante.cwuiixjcexyp.us-east-1.rds.amazonaws.com | **Port** | 5432 |
| **User Name** | sptviewer | **Password** | deereddev |

* 1. Click the “Test” button. Doing so should return: “Connection successful” message.
  2. Click the “Save” button.

Updating DEER Database Table(s) in RACC-FSC\_v3.0

1. Within the RACC-FSC\_v3.0 workbook, go to **Data > Queries & Connections** and click on the **Refresh All** button.
2. While the DEER tables are refreshing, the following status will be shown on the lower left corner of your Excel window:

Running background query … (Click here to cancel)

1. Updates are typically completed in under one minute.

About DNV

DNV is a global quality assurance and risk management company. Driven by our purpose of safeguarding life, property and the environment, we enable our customers to advance the safety and sustainability of their business. We provide classification, technical assurance, software and independent expert advisory services to the maritime, oil & gas, power and renewables industries. We also provide certification, supply chain and data management services to customers across a wide range of industries. Operating in more than 100 countries, our experts are dedicated to helping customers make the world safer, smarter and greener.