

Second Quarter 2017 - News & Updates

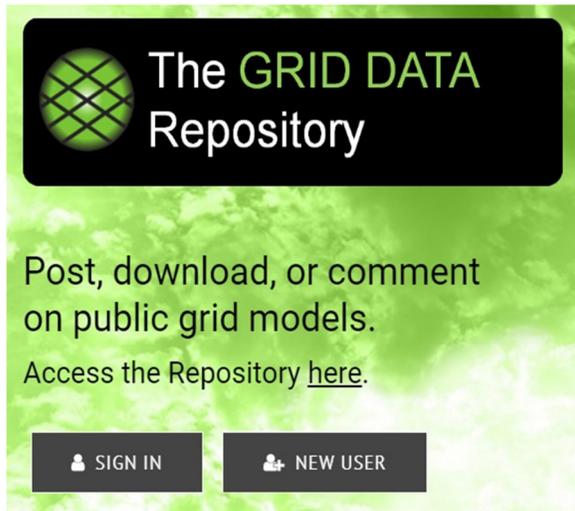
Newsletter for the GRID DATA Repository and BetterGrids Foundation, Inc. (www.bettergrids.org).

Now Live!

Phase 1 of the Repository completed user acceptance testing, and was put into production ahead of schedule on May 22, 2017.

The Repository is now open to the public to browse, post, or download models. The BetterGrids team has seeded the Repository with over 40 models curated from the public domain. We expect the other GRID DATA projects to start submitting their materials in the coming months.

Please [contact us at BetterGrids.org](http://www.bettergrids.org) if you are interested in participating as a volunteer curator, or have a model collection to submit.



**The GRID DATA
Repository**

Post, download, or comment
on public grid models.

Access the Repository [here](#).

 SIGN IN  NEW USER



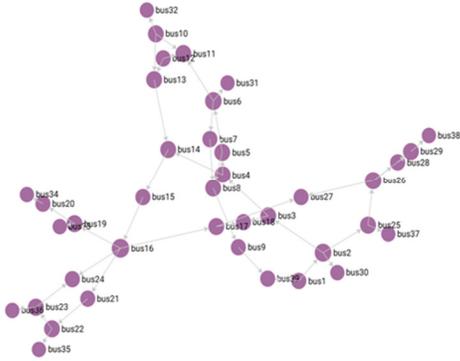
Industry Activities

On July 17, BetterGrids is sponsoring the IEEE PES General Meeting Poster Session Reception in Chicago from 5-8 p.m.

IEEE PES will notify all the conference attendees of the availability of the Repository through the conference mobile application, and will display the BetterGrids' logo as a conference sponsor. BetterGrids representatives will be at the Poster Session to further spread the word and answer attendees' questions.

BetterGrids will be presenting a live demonstration of the Grid Data Repository at Galvin Center for Electricity Innovation at Illinois Institute of Technology (located at 10 West 35th Street, Chicago) on Tuesday July 18, 4:30-5:30 pm. The demonstration is open to PES conference attendees and guests, and is scheduled right after the IEEE-sponsored tour of the Galvin Center on Tuesday.

Information on the IEEE PES General Meeting can be found at <http://pes-gm.org/2017/>.



Research & Development

We made significant progress in developing a methodology for storing and searching grid models using JSON and graph databases. The approach converts various grid model formats into standard vertex-edge JSON documents that support a variety of network traversal queries.

To our knowledge this is the first demonstration capability that allows complex queries across power system model formats.

Regulatory Activities

In June, Dr. Dariush Shirmohammadi of GridBright made a presentation on the GRID DATA Repository at the FERC technical conference "Increasing Market and Planning Efficiency through Improved Software", in Washington DC.

His presentation is posted at BetterGrids.org.



Metric	Q2
Model contributors	5
Registered accounts	20
Registered curators	3
Model collections	12
Distinct models	44
Model files	55
Model files (Mb)	106
Downloads	1085

Quarterly Repository Metrics

As of the end of June, we had 44 distinct grid models with over 100mb of data. While we currently have only 20 *registered* user accounts, we have seen visitors from all over the world who have collectively downloaded files more than 1000 times.

We look forward to seeing these numbers grow as the other GRID DATA projects start depositing materials in the coming months.

Stay Current

Stay up to date on the Repository progress and BetterGrids by following us at [LinkedIn](https://www.linkedin.com), [Twitter](https://twitter.com), or at our new website www.BetterGrids.org.

