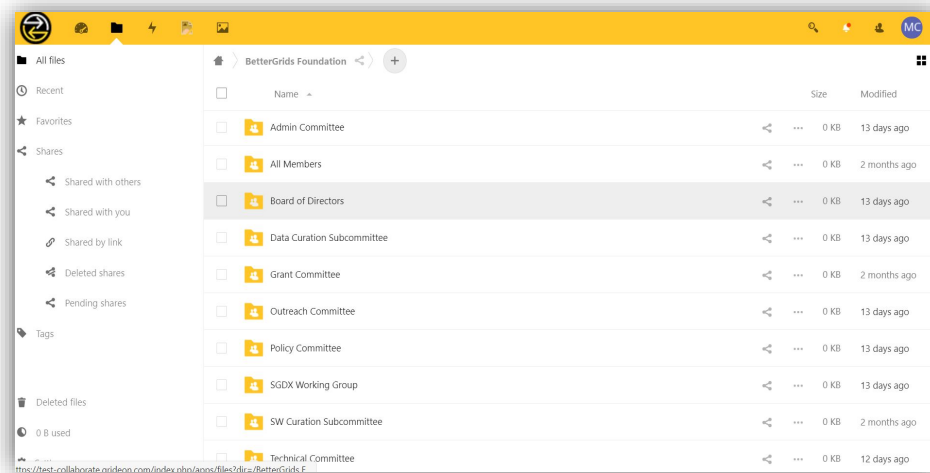# BETTERGRIDS.ORG

NEWS & UPDATES

**Newsletter for the GRID DATA Repository
and BetterGrids Foundation, Inc.**

2021 Update

We have made good progress on achieving our 2021 Strategic Goals as summarized in the following table despite the challenges of the ongoing pandemic. We have also seen a growth in the Repository registered users and models with a newly operationalized BetterGrids Forum. Note in particular an upcoming model addition titled SMART-DS from NREL that offers realistic large-scale U.S. electrical distribution models for testing and analyzing advanced grid algorithms.

#	2021 Strategic Goals	Progress to Date
1	Expand the Repository knowledge base to include clearer instructions for model submission	Moving forward with subscription to Atlassian Confluence. Content created and ready for upload.
2	Operationalize the GRIDEON Secure Collaboration Site	• Published 3 universal NDA's on website free to use • Published 15 page whitepaper to propose an industry standard for End to End Encryption for NERC CIP data exchange.
3	Operationalize the newly developed BetterGrids Forum	BetterGrids.org forum has been operationalized following a pre-production review on functionality, usability, security, and aesthetics
4	Engage one more grid model Curator to help with the expansion of the Repository	1 new curator engaged (Jason Lin).

BetterGrids Secure Exchange

GridBright Inc is operating a secure exchange for BetterGrids.org free of charge to enable secure data exchange and efficient collaboration among the 50+ volunteers supporting the Foundation. It is based on the GRIDEON technology (https://grideon.com) that GridBright has developed in collaboration with Mid-Carolina Electric Cooperative and MISO with funding from DOE ARPA-E.
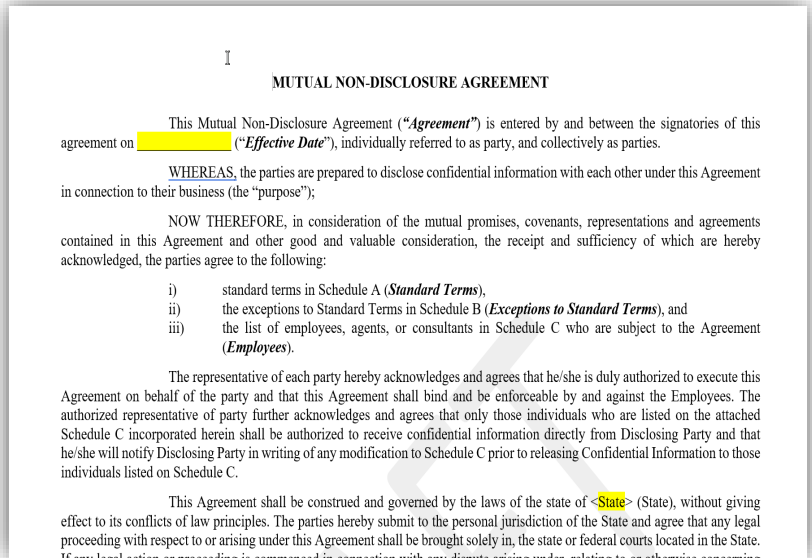
Public Domain Universal NDA's

The Secure Grid Data Exchange (SGDX) Working Group of BetterGrids has developed a set of non-disclosure agreements (NDAs) for exchange of sensitive grid data. These Universal NDAs are now available publicly free of charge and can be downloaded from:

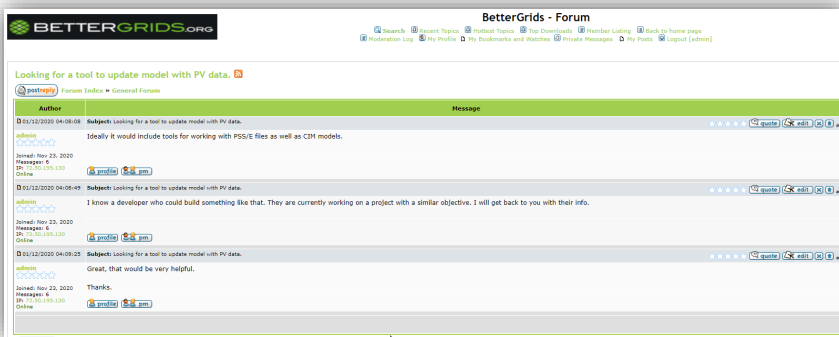www.bettergrids.org/media/universal-nda.

These NDAs consist of:

1) a one-way NDA

2) a mutual NDA

3) a group (i.e., multi-lateral) NDA
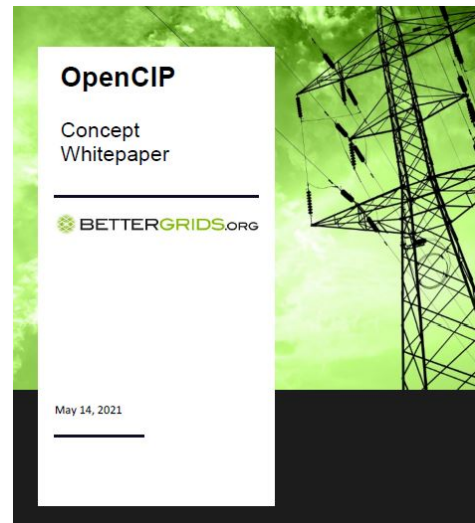

BetterGrids Forum

One of the 2020 Strategic Goals was to develop a forum that will help increase BetterGrids community engagement. The forum was designed with input from the Technical Committee and underwent a pre-production review on functionality, usability, security, and aesthetics. The BetterGrids Forum is now fully operational and can be accessed via https://db.bettergrids.org/forum.

Open CIP

BetterGrids has produced a concept whitepaper for 'OpenCip' outlining how the utility industry can use End-to-End Encryption technology for Secure Grid Integration. To download the OpenCIP concept whitepaper:

https://www.bettergrids.org/opencip-concept-whitepaper

Stay Current

Stay up to date on the Repository progress and BetterGrids by following us at LinkedIn, Twitter, or at our website www.BetterGrids.org