EDX has achieved major milestones over the past six months, all while continuing to support virtualization of the Fossil Energy (FE) R&D community during a global pandemic. Upgrades to the EDX infrastructure include the deployment of a big data computing cluster, enhancements to the Knowledge Management Database, data ranking capabilities, and initiation of an update to the core CKAN instance underpinning EDX.

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EDX Promotes FAIR Data Standards
Ensuring alignment to Federal and DOE regulations and policies

Energy Data Exchange Version 3 Update
Enriches FE Community’s Data R&D Resources
- Includes enhanced search, filter, and data access capabilities within a highly customized version of CKAN
- New EDX capabilities to support connection of EDX-hosted data with virtualized analytical capabilities for data science driven R&D
- EDX continues to move towards a hybrid Cloud-enterprise infrastructure framework

EDX Brand Granted Registration No. 6,066,634 by the USPTO
- Registered as of March 17, 2020
- Represents the platform EDX has built since 2011 for data management, curation, and collaboration to serve DOE

EDX continues to Progress as the FE Trusted Data Solution

Data Curation Continues to Grow within EDX
- EDX is publicly hosting 20,000 FE resources
- 25% of all EDX private collaboration environments launched in 2020
- Over 2 Million file downloads consisting of over 14+ PBs of data
- Remaining resources exist in private resources until maturation, prior to publication
- Data resources spanning FE materials, subsurface, and geospatial
- Over 800 active research projects via EDX Collaborative Workspaces and over 80,000 secure, private data files

EDX.NETL.DOE.GOV