

ERCOT-FESTIV Modeling

Cooperative Research and Development Final Report

CRADA Number: CRD-15-584

NREL Technical Contact: Ibrahim Krad

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In accordance with Requirements set forth in Article X: REPORTS AND PUBLICATIONS, A.2 of the CRADA agreement, this document is the final CRADA report, including a list of Subject Inventions, to be forwarded to the Office of Science and Technical Information as part of the commitment to the public to demonstrate results of federally funded research.

Parties to the Agreement: Electric Reliability Council of Texas (ERCOT)

CRADA Number: CRD-15-584

CRADA Title: ERCOT – FESTIV Modeling

Joint Work Statement Funding Table Showing DOE Commitment:

Estimated Costs	NREL Shared Resources
Year 1	\$10,760.00
TOTALS	\$10.760.00

Abstract of CRADA Work:

Ibrahim Krad will travel to ERCOT Austin Headquarters for one month to help develop the ERCOT FESTIV model and train ERCOT staff to operate the model.

Summary of Research Results:

Ibrahim successfully developed the fully nodal ERCOT model as well as a reduced zonal model for use with the FESTIV tool. Model was demonstrated in front of ERCOT engineers and ERCOT engineers were shown how to use the model themselves.

Subject Inventions Listing:

None

Report Date:

1/27/16

Responsible Technical Contact at Alliance/NREL:

Ibrahim Krad

Name and email address of POC at company:

Julia Matevosjana
<u>Julia Matevosjana@ercot.com</u>
7620 Metro Center Drive
Austin, Texas 78744

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