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Rugby-Sunbright Areas, Tennessee

Update - January 2015

TVA evaluated each route using social, engineering, and environmental factors. Information sources included available data, aerial photography, limited onsite reviews, public review and comment, and property owner input. Based on public input and evaluation, the preferred locations are expected to have the least overall project impacts of the alternatives.

The new substation would be located in Rugby, Tennessee, and would connect to the existing Livingston-Huntsville 161-kV Transmission Line (substation location alternative number one). TVA would also build 7.25 miles of power line from the new Rugby Substation to Plateau EC's existing Sunbright Substation. The route selected was Alternative number one and consists of segment numbers. 1, 2, 3, 5, 8, 11, 12 and 14.

The line would consist of steel pole structures on 100-foot-wide right of way. The National Environmental Policy Act review is expected to be completed by June 2016. Construction is scheduled to begin in spring 2017 on the substation and in summer 2017 on the power line. The project is scheduled to be complete in fall 2018.

Background – April 2014

TVA is considering improvements to its transmission system that will improve reliability in Morgan County.

TVA is proposing to build a new Rugby Substation and connect it to the nearby Livingston-Huntsville 161-kilovolt line. TVA also proposes to build six to nine miles of transmission line from the new Rugby Substation to Plateau Electric Cooperative's (Plateau EC's) existing Sunbright Substation.

Plateau EC plans to build the Deer Lodge Substation and transmission line from the Sunbright Substation to power the new



substation.

TVA is considering several substation locations and 16 alternate line segments. The line would be built on steel pole structures on new 100-foot right of way.

TVA will hold an open house on April 3, 2014 to provide information, answer questions and receive comments about the proposed transmission project.

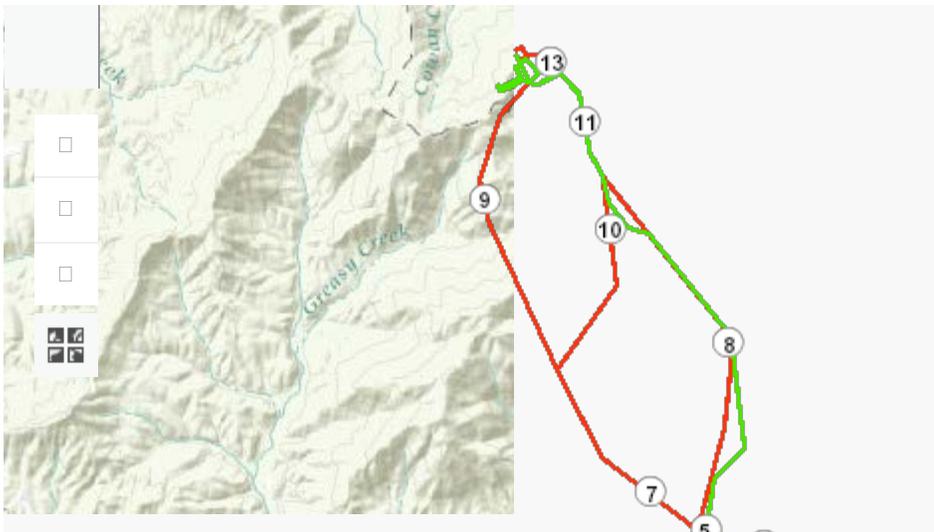
The project is expected to be in service summer 2017. Construction is scheduled to begin summer 2016.

(Dates are subject to change. During projects of this magnitude, unexpected issues may arise, resulting in the need to adjust the schedule.)

Map

The map shows the route TVA is considering for the proposed transmission line. The map is also available below as a PDF file.

Substation tap line (loop) details are shown in PDF map



[Possible routes of proposed transmission line](#) (PDF, 4.9 mb)

[Preferred route of proposed transmission line](#) (PDF, 5.4 mb)

If you have questions or need help understanding the map, please [contact TVA](#).

Environmental reviews

The appropriate National Environmental Policy Act review will be conducted to ensure that the environmental impacts are minimized. TVA attempts to minimize land requirements, private property impacts, and environmental impacts associated with this proposed project.

Efforts are made during the siting process to avoid or minimize impacts to floodplains and wetlands in accordance with Executive Orders 11988 and

11990. Floodplain and wetlands along with alternative routes are shown in the referenced map. The map illustrates how each alternative route avoids or impacts floodplains and wetlands. Because of project and topographic constraints and because of minimizing impacts to other social, environmental, and engineering resources, no practicable alternative may be available that would allow complete avoidance of impacts to floodplains and wetlands which may require mitigation for minimizing impacts. Also, best management practices would be utilized throughout the project to minimize adverse floodplain and wetland impacts. In compliance with Section 404 of the Clean Water Act, TVA will be coordinating wetland findings with U.S. Army Corps of Engineers.

Project schedule

Dates are subject to change. During projects of this magnitude, unexpected issues may arise, resulting in the need to adjust the schedule.

Open house	April 3, 2014
Comments accepted	May 5, 2014
Determine preferred route for field surveys	January 2015
Surveys of the right of way are scheduled to begin	spring 2015
Easement purchases are scheduled to begin	fall 2015
Construction is scheduled to begin	spring 2017
Project in service	fall 2018

Contact

More information on this project can be obtained from:

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