

APPENDIX 10.1
COORDINATION

10.1 COORDINATION

10.1.1 AGENCIES

Federal, state, regional, and local agencies and entities have been contacted by the Tampa Electric Project team members to discuss the Project, answer questions, and solicit input. Through these contacts, the Tampa Electric Project team received agency input on applicable regulatory requirements, technical approaches for licensing, and key issues or concerns that needed to be addressed in the Project planning and in this SCA. The following provides a summary of the governmental agencies that have been contacted during the planning and preparation of this SCA:

- Federal agencies:
 - U.S. Department of Commerce, Bureau of Economic Analysis
 - U.S. Fish and Wildlife Service
- State agencies:
 - FDEP Siting Coordination Office
 - FDEP Office of Permitting and Compliance
 - FDEP Underground Injection Control Program, Tallahassee offices
 - FDEP various programs, Southwest District office
 - Florida Natural Areas Inventory
- Regional agencies:
 - Southwest Florida Water Management District
- Local agencies:
 - Polk County Solid Waste Department
 - Polk County School Board
 - Polk County Fire Department
 - Polk County Sheriff's Office
 - Polk County Growth Management Department
 - Hillsborough County Development Services Department

10.1.2 ELECTED OFFICIALS

As part of its public outreach program for the proposed Polk 2-5 Conversion Project, Tampa Electric has met with various state and local elected officials to introduce the Project, discuss the need for the new generating facilities and associated transmission line interconnections, and receive inputs regarding the facilities. These elected officials have included the following:

- State elected officials:
 - State Senator Ronda Storms.
 - State Representative Rachael Burgin.
- Local elected officials:
 - Hillsborough County Commissioners:
 - Kevin Beckner.
 - Victor Crist.
 - Ken Hagan.
 - Al Higgenbotham.
 - Lesley Miller, Jr.
 - Sandra Murman.
 - Mark Sharpe.
 - Deputy Hillsborough County Administrator Lucia Garsys.
 - Hillsborough County Manager of Design and Engineering Michael Williams.
 - Senior Assistant Hillsborough County Attorney Marva Taylor.
 - Mayor of Plant City and current State Representative candidate Dan Raulerson.

10.1.3 PUBLIC OUTREACH

Section 9.3.1.4 provides a description of Tampa Electric's public outreach program for this Project. Attachment A to this appendix contains the outreach materials generated for the project.

Three open houses for the project were held in April 2012 at the following locations:

- Lithia (Little Union Primitive Baptist Church along State Road 39 north of State Road 674)—22 attendees.
- Fishhawk (Fishhawk Fellowship Church on Fishhawk Boulevard in Lithia)—83 attendees.
- Wimauma (Senior Center in Wimauma)—21 attendees.

ATTACHMENT A

We want your input

on a new transmission project
in your area



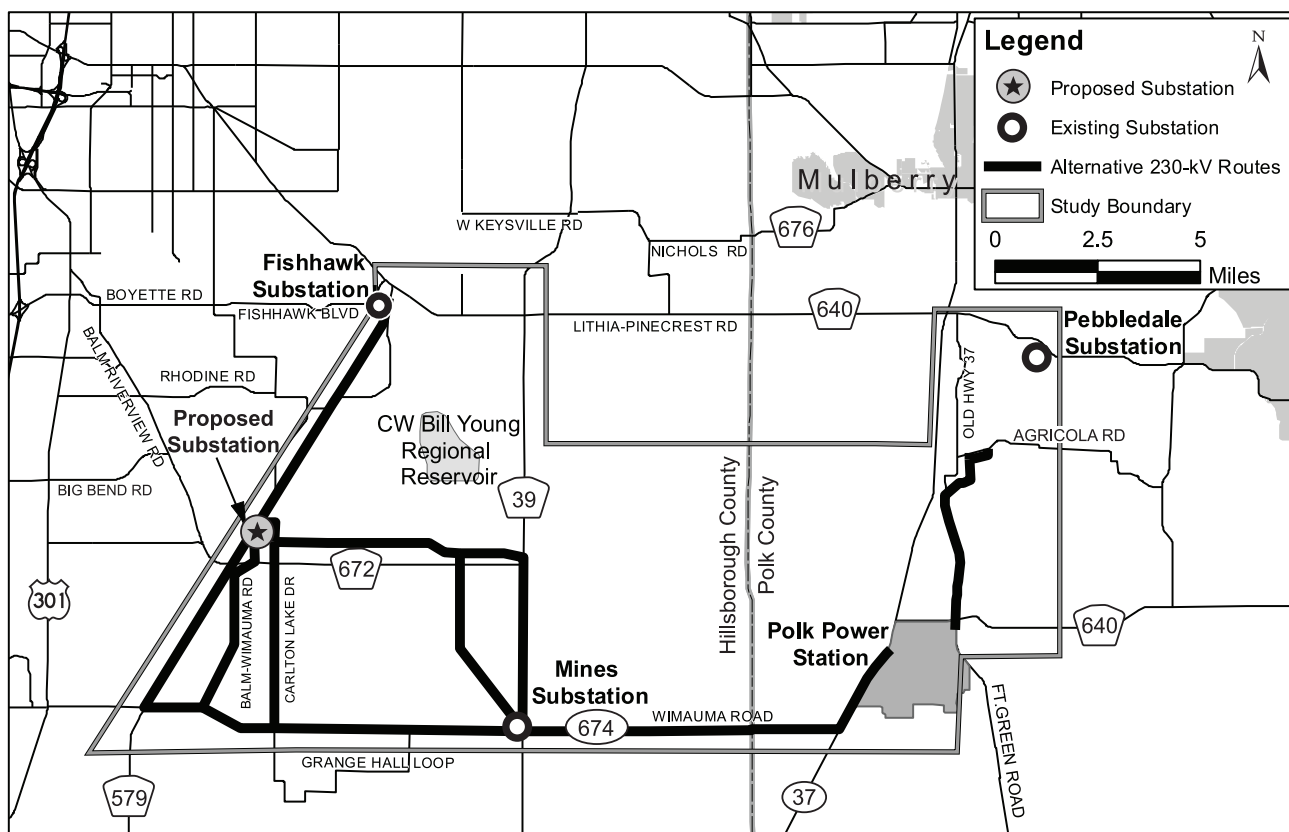
Tampa Electric is evaluating plans to build a new 230-kilovolt (kV) transmission line in Polk and Hillsborough counties to ensure delivery of reliable electricity for the entire region.

The new line would span about 40 miles, connecting our Polk Power Station, in southwestern Polk County, to our Fishhawk Substation, 19306 Boyette Road, in southeastern Hillsborough County. We also would build a proposed substation, near Balm Boyette Road and Aspen Avenue. A 10-mile portion of an existing 230-kV transmission line in the Pierce and Bradley areas of Polk County also would need to be relocated to improve reliability.

Tampa Electric would like to hear from you as we work with residents, community leaders, regulatory agencies and others during the route-selection process. Please plan to attend our open house:

- **Thursday, April 19, 5:30 to 7 p.m.**
at the Wimauma Senior Center, 5715 North St. in Wimauma.

If you cannot attend the open house but would like to learn more about the project, visit us at tampaelectric.com/polktofishhawk or call **813-275-3334**.



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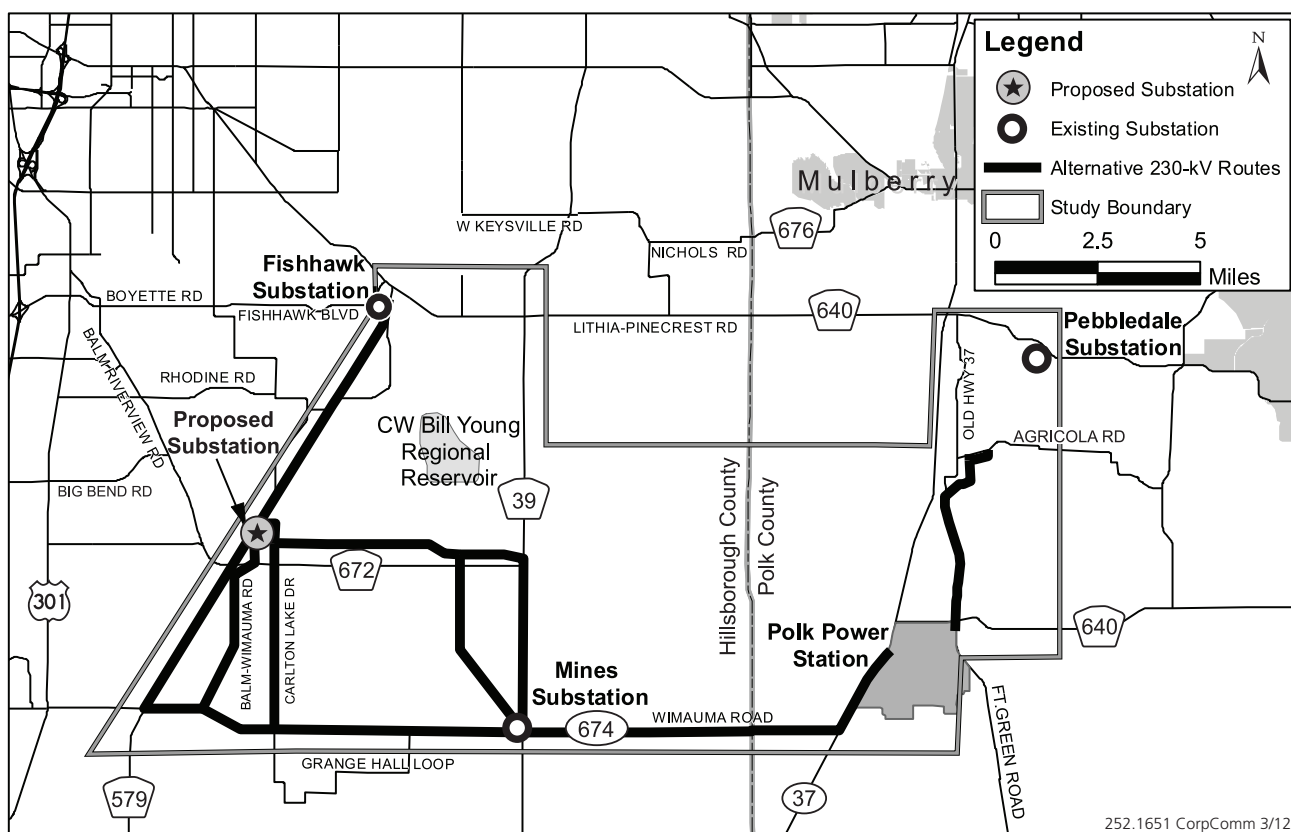
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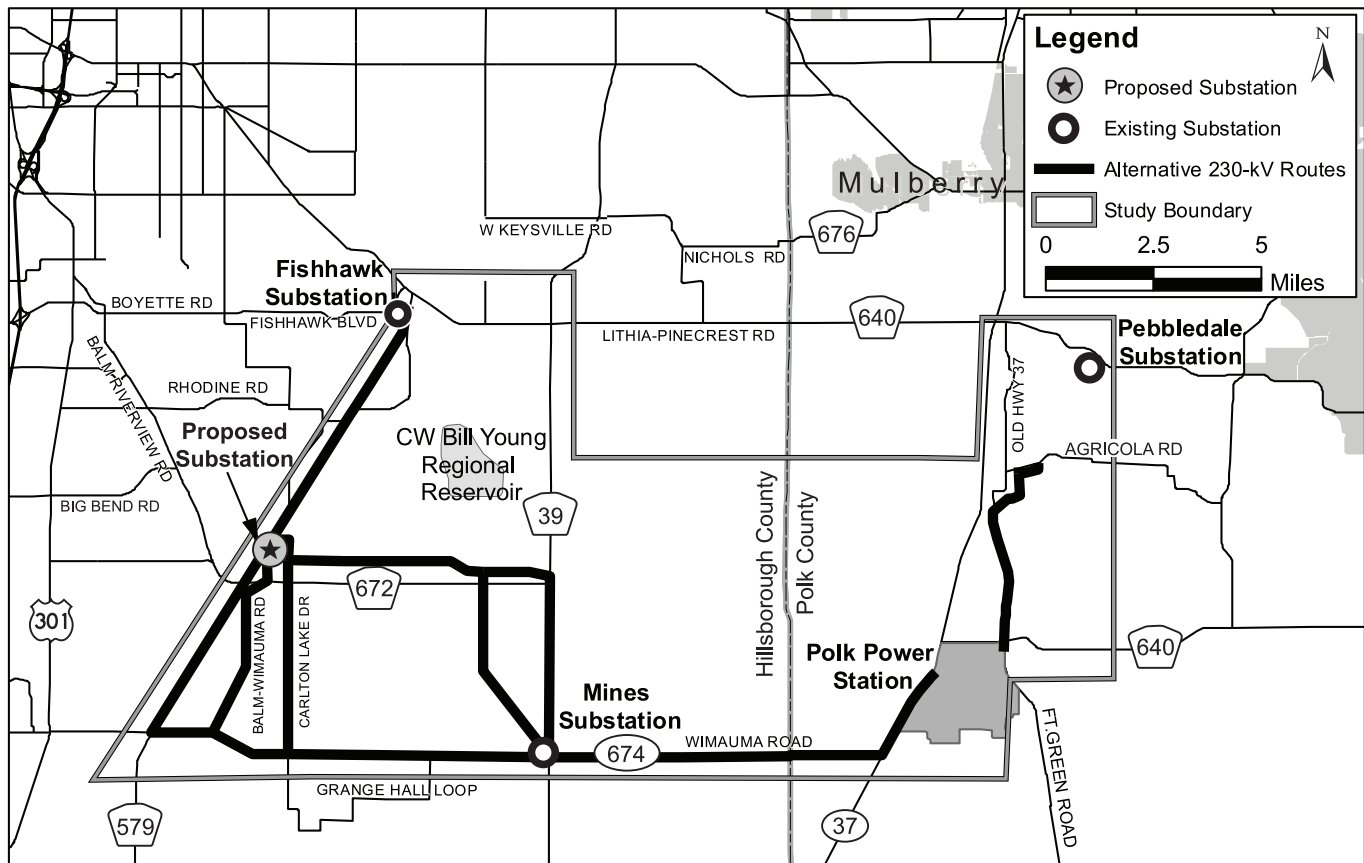
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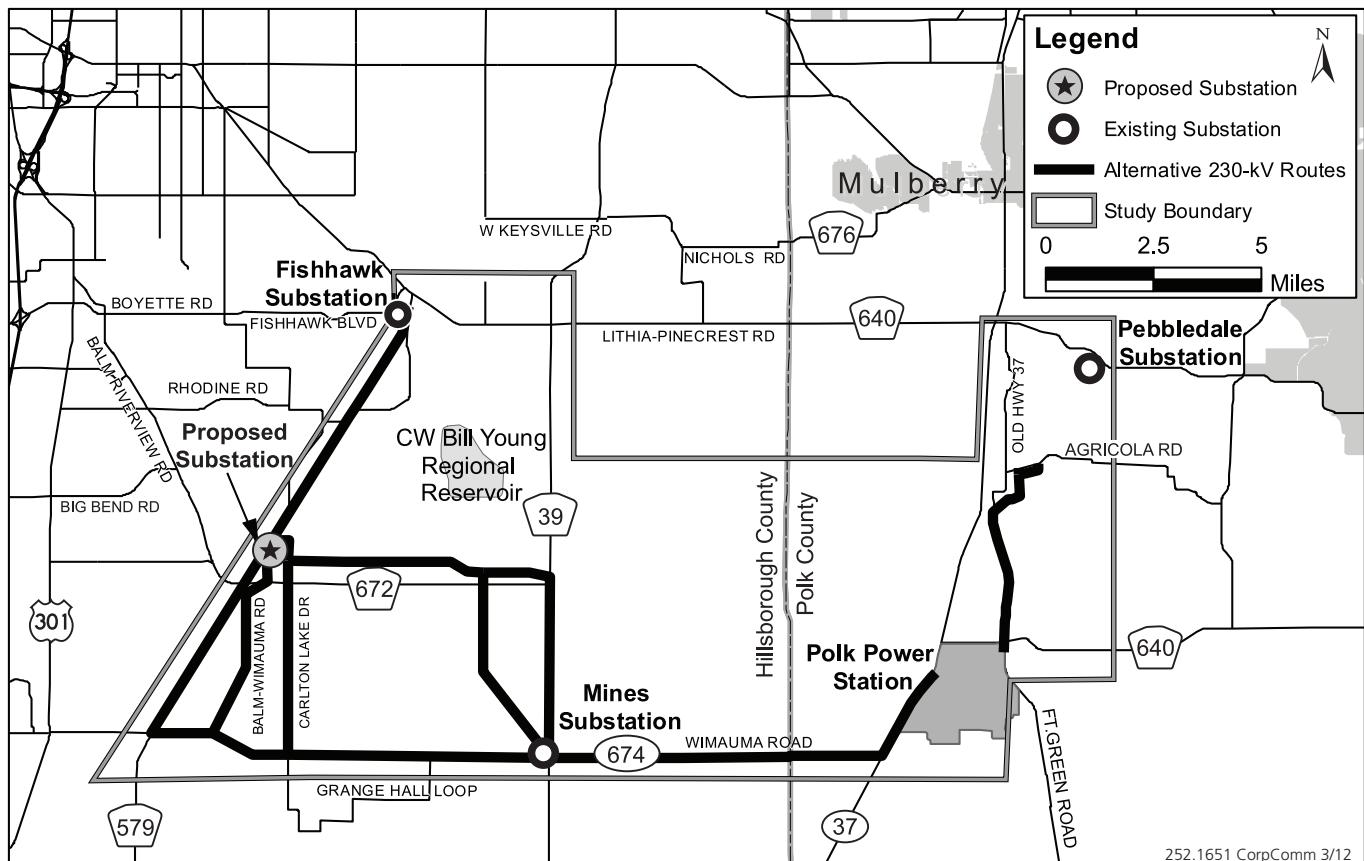
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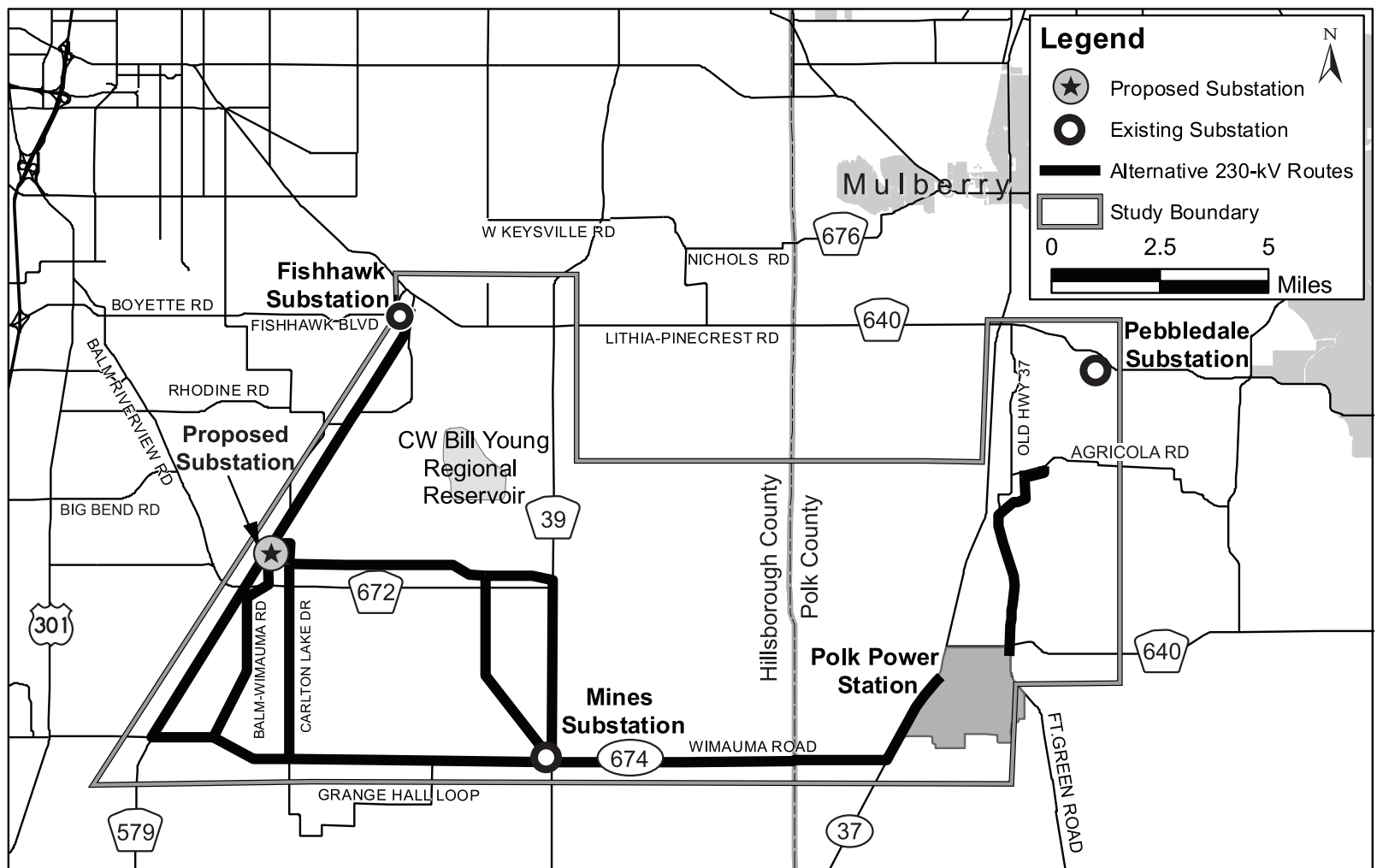
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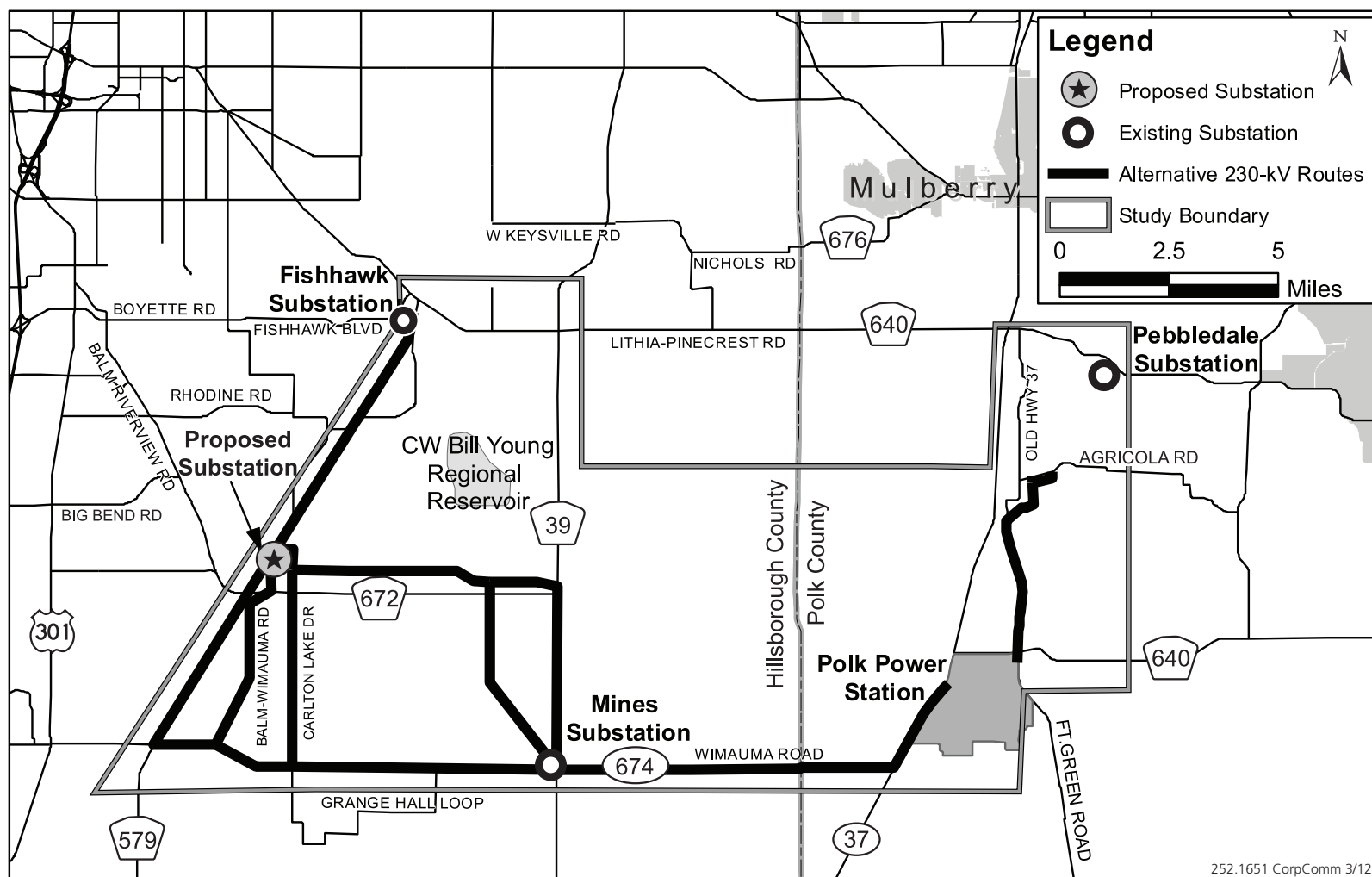
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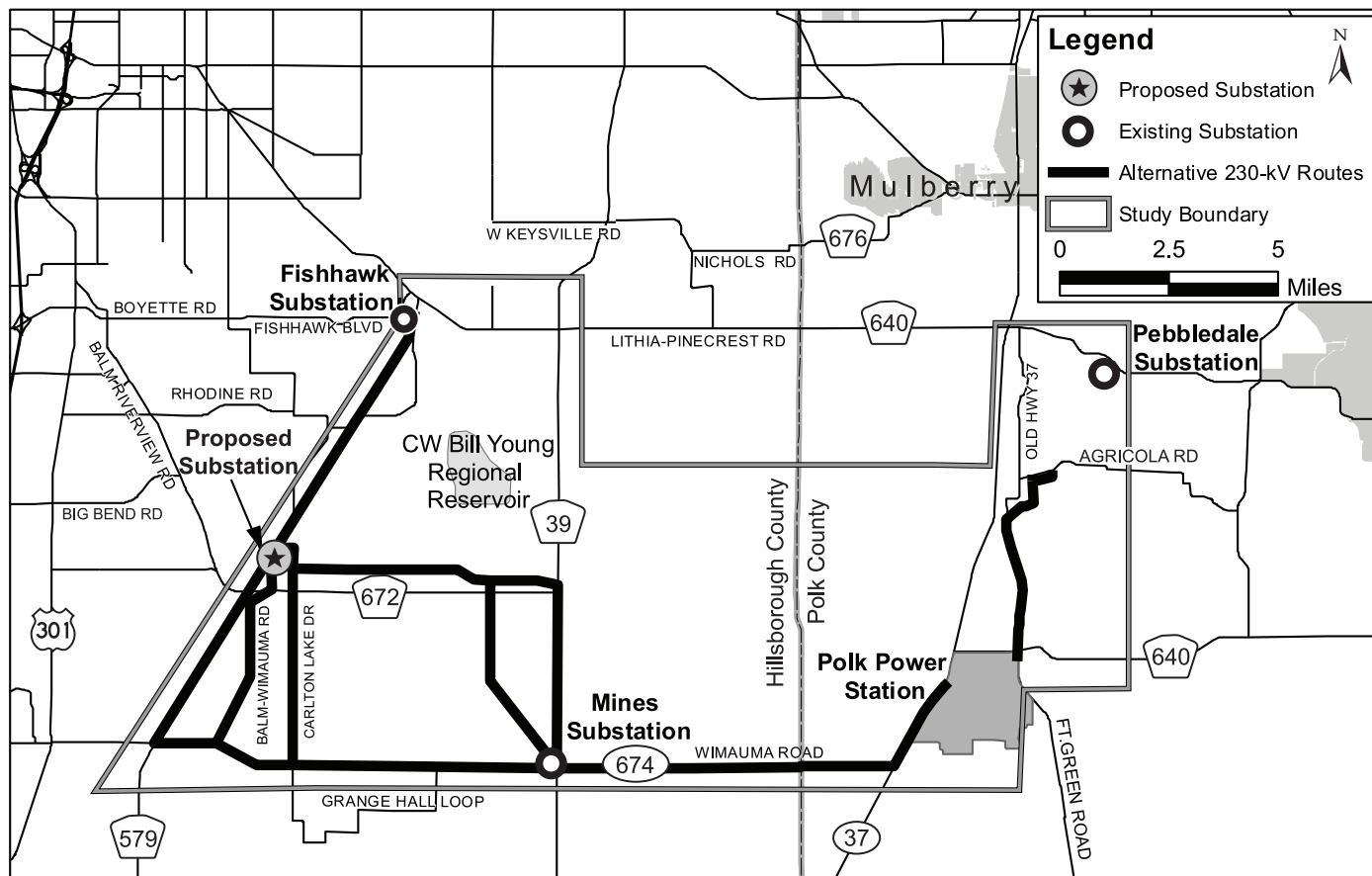
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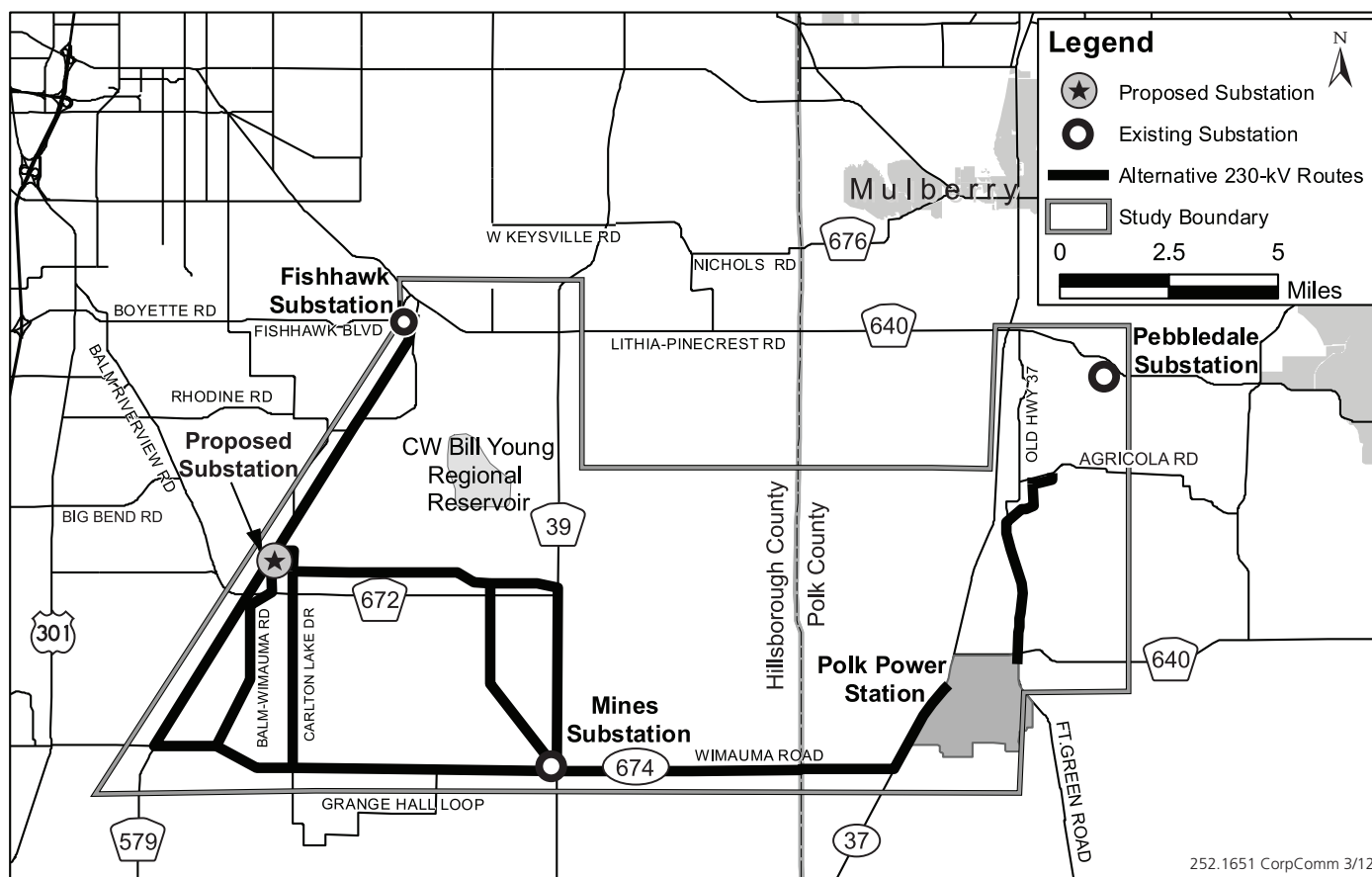
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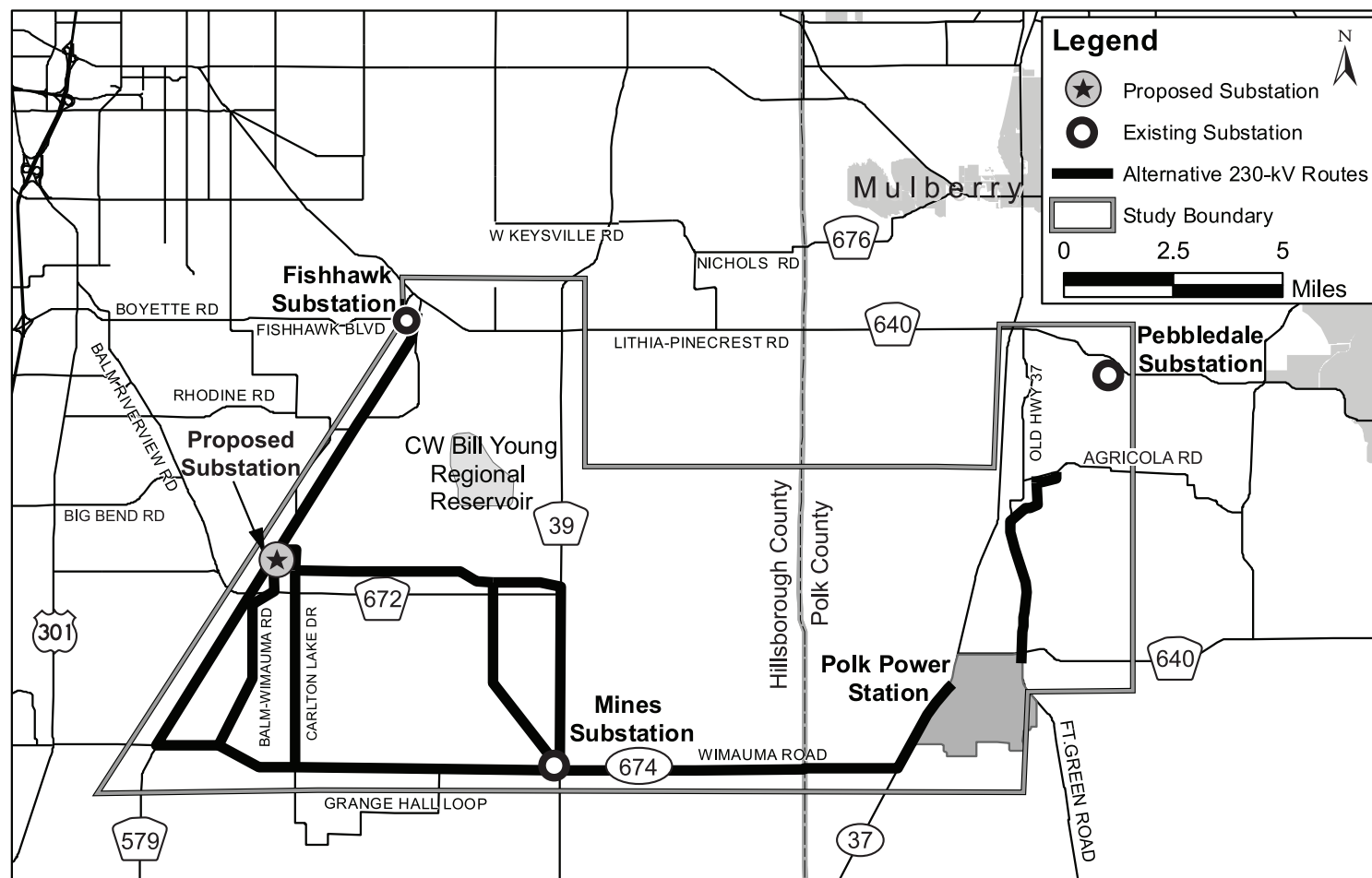
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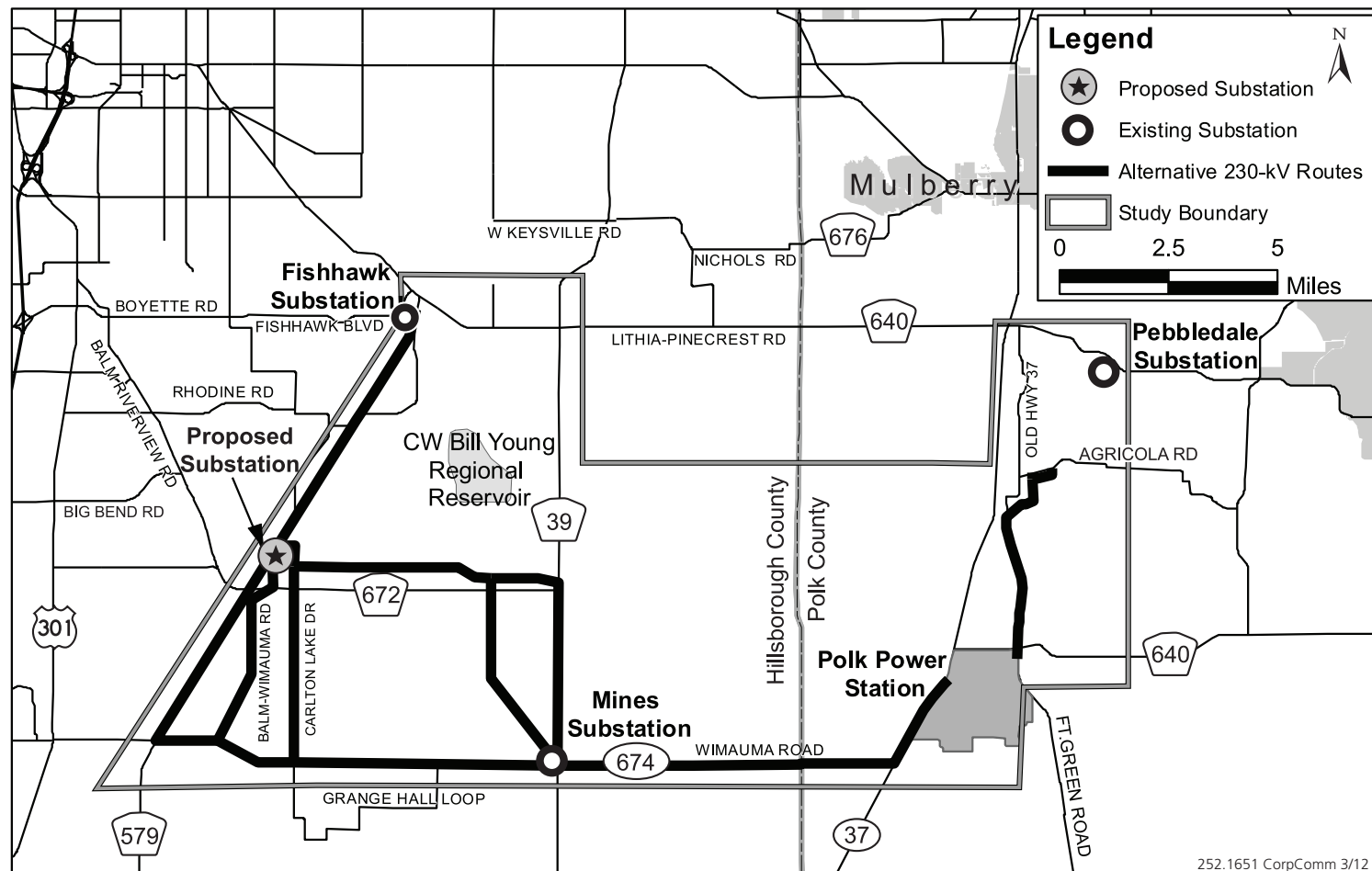
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April 2, 2012

Re: Tampa Electric anticipates building new transmission lines in your community

Dear Customer:

Tampa Electric is committed to providing reliable, cost-effective electricity to you and your neighbors in Polk and southeastern Hillsborough counties. Tampa Electric is evaluating plans to build a new transmission line in your neighborhood to ensure delivery of reliable electricity for the entire region.

Tampa Electric is considering expanding the Polk Power Station by 2017. If expansion is determined to be the most cost-effective option, Tampa Electric would build about 40 miles of new 230-kilovolt (kV) transmission line from the power plant, in southwestern Polk County, to the company's Fishhawk Substation, 19306 Boyette Road, in southeastern Hillsborough County. The company also would build a proposed substation, near Balm Boyette Road and Aspen Avenue. A 10-mile portion of an existing 230-kV transmission line in the Pierce and Bradley areas of Polk County also would need to be relocated to improve reliability. The project is called the Polk Power to Fishhawk Substation line.

Tampa Electric has not yet determined the exact routes of the proposed transmission lines, and we would like your feedback (Please see attached map of routes under consideration). Tampa Electric will work with residents, community leaders, regulatory agencies and others during the route-selection process. Once the route is selected, construction would begin in fall 2014, and the line would enter service in late 2016.

Tampa Electric would like to hear from you. Please plan to attend one of our open houses, when Tampa Electric representatives and members of the project team will be available to provide more details of the project and answer your questions. They will have detailed displays, along with a map of the potential routes under consideration.

- **5:30 to 7 p.m. Tuesday, April 10** at Little Union Primitive Baptist Church, 11510 State Road 39 in Lithia.
- **5:30 to 7 p.m. Thursday, April 12** at Fishhawk Fellowship Church, 15326 Fishhawk Blvd. in Lithia.
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If you cannot attend an open house but would like to learn more about the new transmission lines, visit us online at tampaelectric.com/polktofishhawk or call 813.275.3334. For information about the proposed Polk plant expansion, call 813.228.1021.

Sincerely,

A handwritten signature in black ink, appearing to read "Arlee Jones", written in a cursive style.

Arlee Jones
Project Manager
Tampa Electric



2 de abril de 2012

Re: Tampa Electric pronostica construir nuevas líneas de transmisión en su comunidad

Estimado cliente:

Tampa Electric tiene el compromiso de proporcionarle energía eléctrica confiable y eficaz en cuanto a costos, a usted y a sus vecinos en los condados de Polk y el sudeste de Hillsborough. Tampa Electric se encuentra evaluando la construcción de una nueva línea de transmisión en su vecindario a fin de asegurar la entrega de electricidad de manera confiable a toda la región.

Tampa Electric está considerando expandir la Central de Energía de Polk (Polk Power Station) para el año 2017. Si se decide que la expansión es la opción más eficaz en cuanto a costos, Tampa Electric construiría una nueva línea de transmisión de 230 kilovolts (kV) de aproximadamente 65 kilómetros, desde la planta central de energía, en la región sudoeste del condado de Polk, hasta la Subestación Fishhawk (Fishhawk Substation) de la empresa, en 19306 Boyette Road, en la región sudeste del condado de Hillsborough. Asimismo, la empresa construiría una subestación propuesta cerca de Balm Boyette Road y Aspen Avenue. También habría que reubicar una parte de 16 kilómetros (10 millas) de la línea de transmisión existente de 230 kV en las zonas de Pierce y Bradley del Condado de Polk County también necesitaría reubicarse, a fin de mejorar la confiabilidad. El proyecto lleva el nombre de línea de Polk Power a la Subestación Fishhawk.

Tampa Electric aún no decide las rutas exactas de las líneas propuestas de transmisión y desearía recibir la retroalimentación de usted (consulte las rutas en consideración en el mapa anexo). Durante el proceso de selección de la ruta, Tampa Electric trabajará con los residentes, los líderes comunitarios, los organismos reguladores y otros. Una vez que se seleccione la ruta, la construcción comenzaría en el otoño de 2014 y la línea entraría en servicio a fines de 2016.

A Tampa Electric le gustaría conocer su opinión. Le agradeceremos que considere asistir a nuestras reuniones abiertas, en las que los representantes de Tampa Electric y los miembros del equipo del proyecto estarán presentes para proporcionar más detalles del proyecto y responder a sus preguntas. Contarán con apoyos gráficos detallados, así como con un mapa de las rutas potenciales sometidas a consideración.

- **Martes 10 de abril, de 5:30 a 7 p.m., en** Little Union Primitive Baptist Church, 11510 State Road 39, en Lithia.
- **Jueves 12 de abril, de 5:30 a 7 p.m., en** Fishhawk Fellowship Church, 15326 Fishhawk Blvd, en Lithia.
- **Jueves 19 de abril, de 5:30 a 7 p.m., en** el Wimauma Senior Center, 5714 North St, en Wimauma.

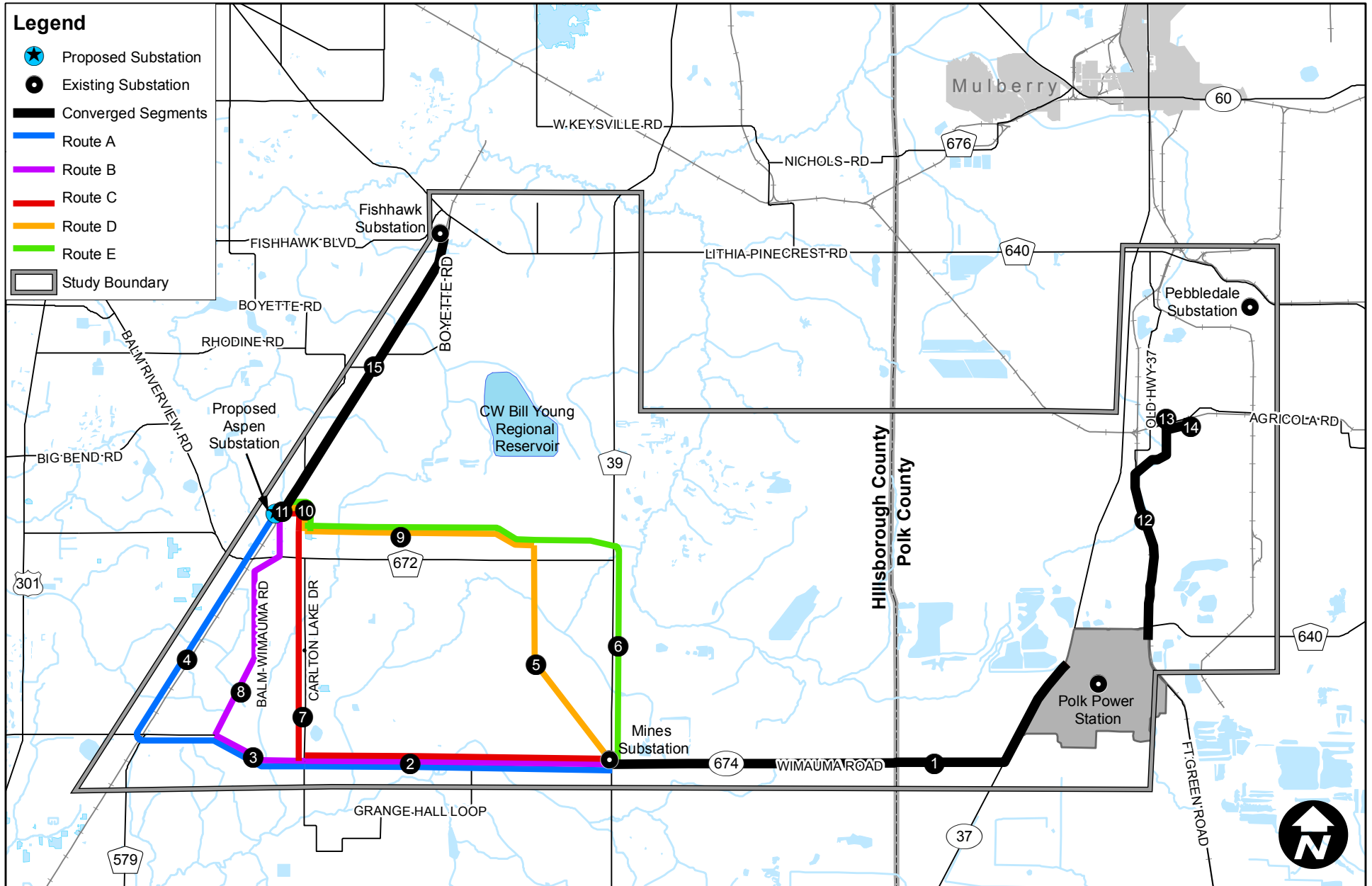
Si no puede asistir a una reunión abierta, pero desea saber más sobre las nuevas líneas de transmisión, visite nuestro sitio en línea www.tampaelectric.com/polktofishhawk, o llame al 813-275-3334. Para obtener mayor información sobre la expansión propuesta en la planta de Polk, llame al 813-228-1021.

Atentamente,

A handwritten signature in black ink, appearing to read "Arlee Jones".

Arlee Jones
Gerente del Proyecto
Tampa Electric

POLK UNIT 2 - FISHHAWK 230-kV PROPOSED ROUTES





Polk Power to Fishhawk Substation Transmission Line Project Survey

Section 1

Below is a list of the criteria that Tampa Electric is considering in the route-selection process. Please rank the criteria from "**1 – Most Important**" to "**10 – Least Important**." **Please use each number only once**, and use the space below to provide any additional comments.

Rank	Criteria	Comments
	Minimize the number of homes within 500 feet of a particular route.	
	Minimize number of school properties within 500 feet of a particular route.	
	Minimize number of parcels or lots crossed by the route.	
	Maximize length of route where public road right of way or established Tampa Electric corridors are available.	
	Maximize length of route where another utility's equipment exists, along which Tampa Electric can locate.	
	Minimize cost of construction for our overall customer base.	
	Minimize the length through existing parks, recreation areas or other designated conservation lands.	
	Minimize number of wading bird colonies or eagle nests within 0.5 miles of the route.	
	Minimize length of herbaceous wetlands crossed by the route.	
	Minimize length of forested wetlands crossed by the route.	

Section 2

The study area is divided into two general sets of segments.

- One segment, from the Polk Power Station to the proposed new substation and then to the Fishhawk Substation, is divided into five route combinations.
 - Alternate Route 1 – Segments 1, 2, 3, 4, and 15
 - Alternate Route 2 – Segments 1, 2, 3, 8, and 15
 - Alternate Route 3 – Segments 1, 2, 7, 10, 10 and 15
 - Alternate Route 4 – Segments 1, 5, 9, 10, 11 and 15
 - Alternate Route 5 – Segments 1, 6, 9, 10, 11 and 15
- The other segment, from Polk Power Station through the Pierce and Bradley areas of Polk County, is divided into two route combinations.
 - Alternate Route 6 – Segments 12 and 13
 - Alternate Route 7 – Segments 13 and 14

Please provide comments on the alternate routes, which may include your preferences, specific areas or items you wish to see avoided, or other information you think we should know.

Comments _____

Contact Information (optional):

Name: _____
Phone: _____ E-mail address: _____
Street address: _____
City/State/ZIP _____



Polk Power Station to Fishhawk Substation FAQs

To accommodate customer growth and to replace purchased-power agreements due to expire, Tampa Electric will need additional sources of power in five years. Tampa Electric is considering expanding the Polk Power Station by 2017. If expansion is determined to be the most cost-effective option, Tampa Electric would need to build about 40 miles of new 230-kilovolt (kV) transmission line from the power plant, in southwestern Polk County, to the company's Fishhawk Substation, 19306 Boyette Road, in southeastern Hillsborough County.

Tampa Electric is evaluating plans to build a new transmission line in Polk and southeastern Hillsborough counties to ensure delivery of reliable electricity for the entire region. Tampa Electric has not yet determined the exact route of the proposed transmission lines. Once the route is selected and approved, construction would begin in fall 2014, and the line would enter service in late 2016.

Q. Why is this transmission line needed?

Tampa Electric is considering expanding the Polk Power Station by 2017. If expansion is determined to be the most cost-effective option, Tampa Electric plans to build a new transmission line in Polk and southeastern Hillsborough counties to ensure reliable delivery of electricity for the entire region. If the company chooses not to expand the Polk plant, this transmission line may be needed to supply purchased power to our system in a safe and reliable manner.

Q. Why can't Tampa Electric build this line somewhere else?

A. Tampa Electric has not yet determined the exact route of the proposed transmission lines. The company is currently analyzing several routes. Information obtained during the open houses will be used to further evaluate those and any other alternative routes to determine a preferred route, which will be submitted to the Florida Department of Environmental Protection as part of its application in August.

Q. Why can't Tampa Electric bury the transmission line underground?

A. Installing transmission lines underground is not as simple as it sounds. The technology for underground high-voltage transmission lines is complex and creates operational constraints for maintaining and repairing the lines. Highly specialized technicians must install and repair underground transmission lines – which mean significantly longer outages for the customers served by those lines. Underground installation also is significantly more expensive than overhead lines – five to 10 times more expensive, according to the Edison Electric Institute. The Florida Public Service Commission requires Tampa Electric to build projects in the manner that has the lowest cost, because the investment in power lines is shared by all Tampa Electric customers.

Q. What about the EMF these lines will produce, what effects will it have on our health?

Florida is one of the few states that regulates electric and magnetic fields (EMF) near transmission lines and enforces specific standards. All lines Tampa Electric builds must meet these standards. The Florida Environmental Regulation Commission rule of 1989 limits EMF from new transmission lines and substations, under Chapter 62-814, F.A.C. The Florida Department of Environmental Protection (DEP), which regulates and monitors EMF, has established reference levels (guidelines) which are recognized by the USA's National Institute of Environmental Health Science (NIEHS), and the World Health Organization (WHO). Exposure below those levels is considered safe. For more information, visit: www.dep.state.fl.us/siting/emf.htm.

Q. How big will the poles be?

A. The appropriate types and sizes of structures will be determined during the engineering phase of the project, which is expected to be complete in 2014. Typical 230-kV structures range between 90 and 125 feet tall.

Q. How does Tampa Electric determine where the poles should go?

A. Pole locations will be determined during the engineering phase of the project which is expected to be complete in 2014. There are many factors considered in determining where poles will be located, including:

- **Economic line design**, when the transmission line is designed for the least number of structures
- **Topography of the ground**, which is the physical characteristics (surface contour) of the ground, which affects the height of the line
- **Conditions of certification**, which are guidelines issued by the governmental agencies that Tampa Electric must meet

Q. Will you need more than 100 feet of right of way through the FishHawk Ranch and Channing Park communities? What about between Dorman Road and the Fishhawk Substation?

A. Tampa Electric has not completed the detailed engineering on this project, so we have not determined the exact location of the line or right of way needs.

Q. When will the final route be selected?

A. Tampa Electric will submit its "preferred route" as part of the Power Plant Siting Act (PPSA) application to the DEP in August 2012. Upon approval of the DEP, expected by the end of 2012, the route would be considered final.

Q. How many trees will be removed? Can you build the line in an area that minimizes tree clearing?

A. Some clearing will be required, and the exact amount will be determined by the placement of the structures in compliance with state and federal guidelines. Tampa Electric has not completed the detailed engineering on this project, so we have not determined the exact location of the line.

Q. Are nearby communities or their developers going to be included in the design of this line?

A. Tampa Electric always welcomes customer input. To date, Tampa Electric has held three public meetings, distributed surveys and received input through the project information line. We will consider all feedback into our design considerations. As the project proceeds, the company may expand public involvement if needed.

Q. Will you communicate with homeowners and businesses in the area when a decision has been made?

A. Yes, In accordance with Section 403.5115 F.S., Tampa Electric is required to notify the public within 21 days of the PPSA application filing. The notification will describe the proceedings and will outline the next steps in the certification process. Once the project receives approval, Tampa Electric also must notify the public of the decision.

Q. We believe this line may affect our property values, how will Tampa Electric compensate us?

A. The initial acquisition process for rights of way establishes appropriate compensation for properties along an easement. Once a right of way is established, Tampa Electric does not give additional compensation for perceived loss of property value or for change in ownership along existing rights of way.

Q. Will we hear the transmission lines?

A. When there is an irregularity on the surface of a transmission line, such as a buildup of fog or water droplets, the line can create a low-level audible noise or humming sound, called a corona phenomenon. However, background noise typically masks the hum from a transmission line, making it barely noticeable. Under normal operating conditions, the audible noise levels from a transmission line or the proposed transmission line designs must comply with the Hillsborough County noise ordinance.

Q. What are the project milestones?

A. Here are the tentative dates:

- August 2012: Submit site certification application (SCA) to the DEP
- December 2012: Begin engineering
- December 2013: Power Plant Siting Board approves certification
- January to October 2014: Post-certification submittals
- October 2014: Construction begins
- November 2016: Construction complete

Q. How can I provide my feedback about the proposed corridor?

A. The public has many opportunities to submit feedback, including:

- Attending informational public meetings
- Requesting permission to intervene and becoming a party to the proceeding, if their substantial interests are affected
- Additional opportunities:
 - Florida Public Service Commission need-determination meeting
 - Federal permitting processes, if required

Q. Is the environmental review new to the approval process, or have you been through this level of review on past projects? Who is on this board?

A. The environmental review is not new to the process; we have participated in the process on past projects. The review board at Florida Department of Environmental Protection (DEP) consists of the siting coordinator and others, which are unknown at this time. Final approval on the project would be granted by the governor and his Cabinet, which includes the attorney general, chief financial officer, and agriculture commissioner, sitting as the Power Plant Siting Board.

Q. What were the results of customer surveys from the community open houses? And how were they used?

A. Feedback from residents during the open houses assisted Tampa Electric in ranking the importance of the criteria.

Survey results were, in order:

1. Minimize homes within 500 feet
2. Minimize schools within 500 feet
3. Minimize parcels crossed
4. Minimize parks, recreation or conservation lands
5. Maximize another utility's equipment
6. Maximize public road right of way
7. (Tie) Minimize cost
7. (Tie) Minimize wading bird or eagle nests within a half mile
9. Minimize length of forested wetlands
10. Minimize length of herbaceous wetlands

Q. Is there a possibility that you could cancel the power plant expansion project? How would that affect this transmission project?

A. Tampa Electric is currently reviewing and analyzing a short list of bidders to supply the company with electricity in 2017. By the end of July, the company will determine the most cost-effective option, which will be either to expand the Polk Power Station or to purchase power from another bidder. At this time, the company does not know the transmission requirements for the other bidders' projects, so we cannot determine what affect it may have on this proposed transmission line.