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WEST VALLEY-SOUTH



PROJECT UPDATE

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WEST VALLEY-SOUTH



Re-cap of Public Involvement Activities

In November 2001, APS initiated the West Valley-South project to site three 230 kilovolt (kV) substations, twelve 69kV substations, and a network of power lines to connect these substations.

During this time, APS has conducted environmental studies and extensive public outreach to identify sensitive areas with respect to potential facilities. The public involvement has been particularly important due to the scope of the project.

“By involving and informing the public early in the process and keeping them involved today, we’ve been able to identify sites for these power lines and substations that

make the most sense to the most people,” said Steve Goodman, APS project manager. “We also will be able to bring substations on line as needed by the growth in the West Valley.”

APS has received a wide range of comments on locations for these electrical facilities. The community has commented on the 230kV and 69kV alternative routes, as well as the potential sites for electrical substations. To date, APS has received approximately 1,200 public comments on the project.

Public open houses conducted in March, May and August gave citizens an opportunity to review and comment on route maps. As the

project progressed, unacceptable routes were eliminated and acceptable routes were grouped into system options – a set of routes that form the complete network of power lines between multiple substations.

A series of these highly detailed system option maps were presented at the final open house in August and the public was asked to rank their preferred system option to assist APS with making a final selection for the regulatory approval process.

In addition, APS worked with jurisdictional representatives and community leaders throughout the process who provided feedback on possible routes and substation sites.

Next Steps

APS will file an application for a Certificate of Environmental Compatibility with the Arizona Corporation Commission (ACC) for the 230 kV power lines and substations. The ACC will set a public hearing on the project, and the time, date, and location will be publicized in local newspapers. The Notice of Public Hearing also will be posted on the APS project Web site.

The hearing, before the Arizona Power Plant and Transmission Line Siting Committee, is open to the public. The siting committee will hear the case and make its recommendation to the ACC, which issues a final decision on the project.

The 69 kV facilities do not require ACC approval. APS will work with local governments, individual developers and landowners on final location for these power lines and substations.

Update on Substations

Three 230kV substations are proposed:

- ◆ TS2 - NW corner of Olive Avenue and the Beard-sley Canal
- ◆ TS3 - East of Perryville Road, between Camel-back and Indian School roads
- ◆ TS4 - North of Broadway Road, between Airport and Tuthill roads

More Information

is available on the project Web site at
<http://siting.apsc.com>

APS Selects Preferred System Option

The Southwest Valley's population is growing and so is the need for electrical transmission lines and substations. To meet our customers' needs, APS initiated the West Valley-South Facility Siting Project. After a year of public input and environmental analysis, APS has selected a preferred system option for meeting the growing energy needs of the area. See system map at right.

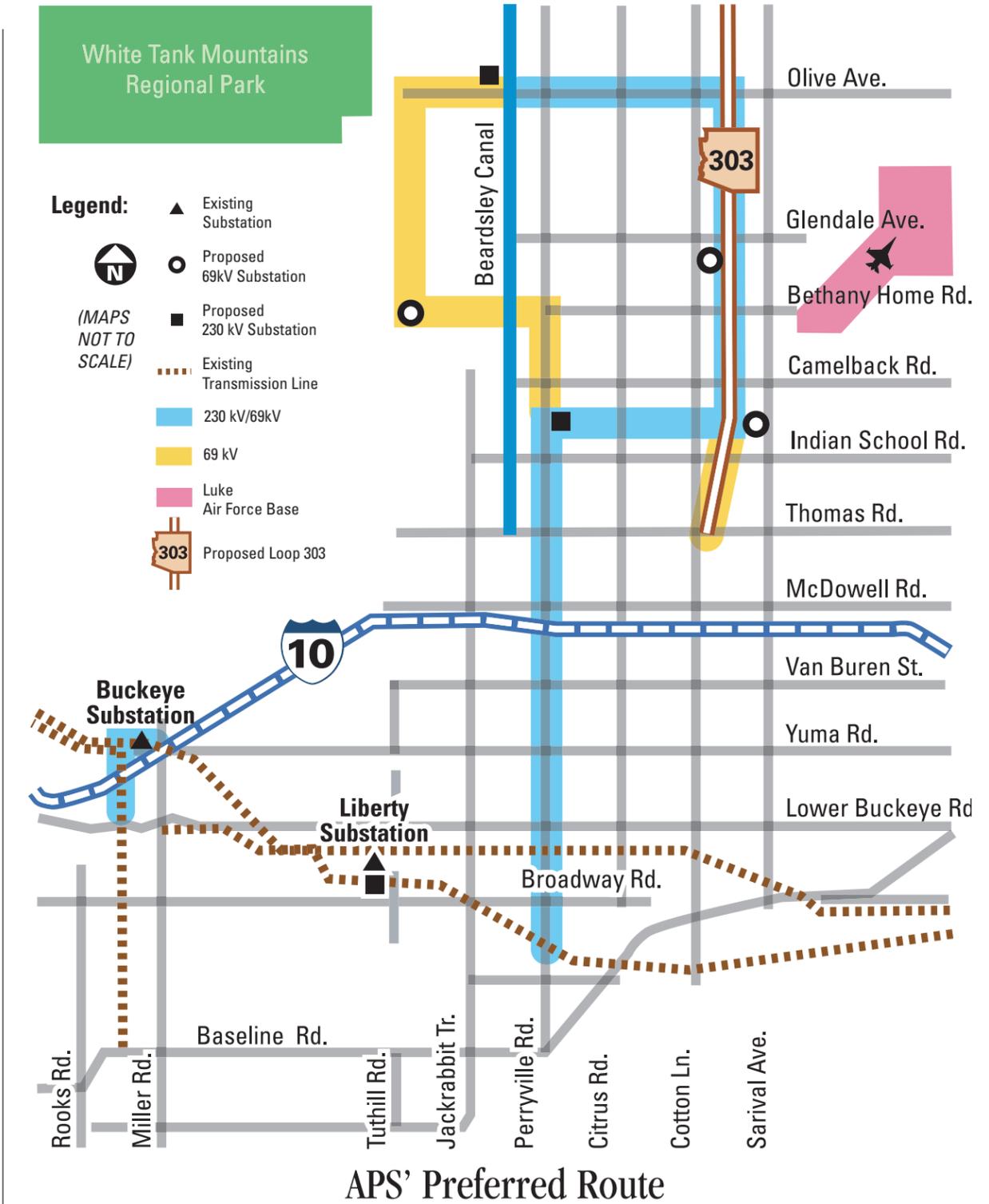
The 230kV system is "preferred" by APS because it meets the State of Arizona's criteria for environmental compatibility. It minimizes the impact on views of the White Tank Mountains for existing homeowners in neighborhoods such as Clearwater Farms, Beautiful Arizona Estates and Sonoran Ridge. It also avoids building within or adjacent to the White Tank Mountains Regional Park.

An important consideration is that this system was the one most preferred by the public. Input from the public and key stakeholders was a critical element in locating the facilities. For example, a portion of the preferred system option had not originally been identified by APS, but it became clear that this was the route most favored by those who gave input. APS slightly modified this route and alternatives 2 and 3 (below) to further respond to the public's input.

The preferred system also will allow APS to consolidate some 69kV and 230kV transmission lines on the same structures. It avoids the need to take existing facilities out of service during construction.

APS also worked with the Maricopa Water District (MWD), which opposed all transmission line routes on property owned by them. Right-of-way acquisition issues with MWD eliminated some otherwise viable routes from APS consideration.

At approximately 18.5 miles long, the preferred option is neither the shortest nor the longest route evaluated. The new facilities



ties will provide electrical infrastructure and reliability to areas in Avondale, Buckeye, Glendale, Goodyear, Litchfield Park, and unincorporated areas of western Maricopa County.

The final system options, including the three alternatives illustrated below, are all acceptable to APS from a construction, right-of-way acquisition and system operations standpoint.

Alternative Routes

