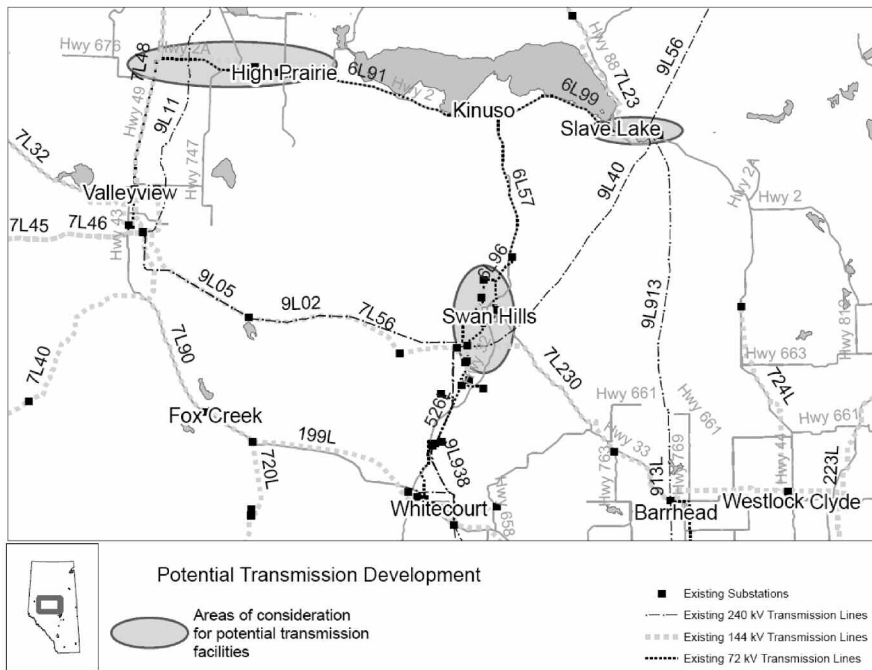
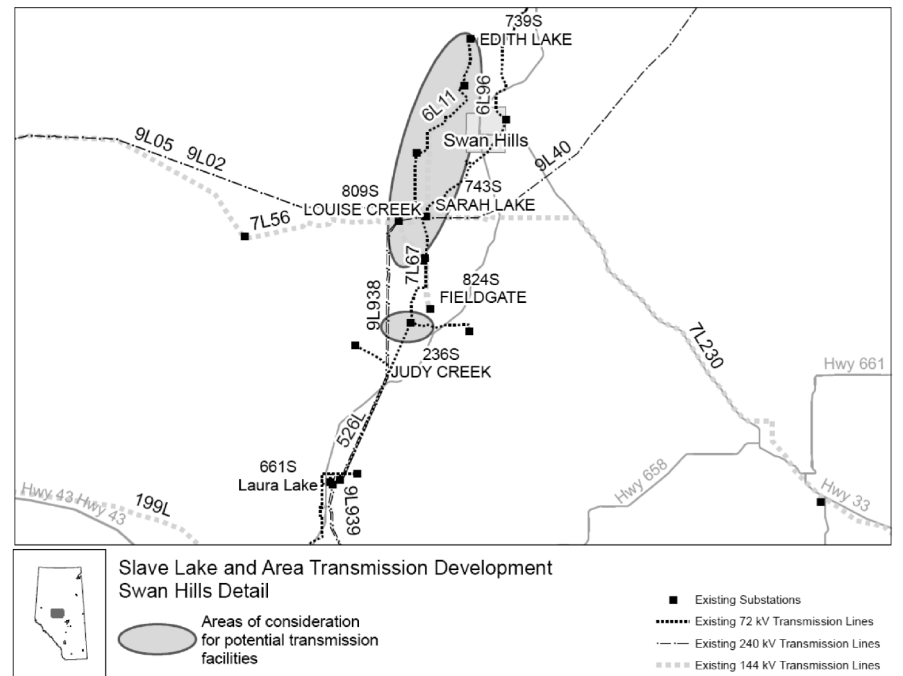


# Potential Transmission development in the Swan Hills area



The Alberta Electric System Operator (AESO) has verified the need to reinforce the electricity transmission system in the Swan Hills area the surrounding areas of High Prairie, Slave Lake and Valleyview. Demand for electricity has grown from 510 MW in 2002 to 532 MW in 2006 and is expected to reach 600 MW by 2016.



The shaded area in the map illustrates the area of study for locating facilities. The AESO is currently considering the following potential developments for transmission upgrades in the Swan Hills area:

- At the existing Fieldgate 824S substation, add two 25 kV circuit breakers.
- Build approximately 27 to 31 km of new 144 kV line from the existing Edith Lake 739S substation to either Louise Creek 809S substation or Sarah Lake 743S substation.
- Salvage the existing Judy Creek 236S substation.
- Salvage or decommission the existing 526L line from Judy Creek 236S substation to the Laura Lake 661S junction.

The target in-service date for these developments is 2010.

**No proposals have been made and no final decisions have been made at this time.**

We are preparing an application for submission to the Alberta Utilities Commission and would like to collect your feedback and suggestions for consideration in our application. Please provide comment to:

**Doug Downs**

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