

September 30, 2010

Wesley Creek to Meikle Transmission Project

- Located in the Peace River area in northwest Alberta. Map enclosed.
- The project consisted of four main parts.
 - Upgrades to existing Wesley Creek and Hotchkiss substations.
 - Construction of a Meikle switching substation, located 10 km north of Hotchkiss.
 - Rerouting of the existing 144 kV power lines between Keg River and Hotchkiss to the new Meikle substation.
 - Building of a 126 km long 240 kV transmission line to connect the Wesley Creek and new Meikle substations.

Construction completes phase II of the Northwest Transmission Development Project

- The Northwest Transmission Development Project consists of three phases.
 - Phase I: Brintnell to Wesley Creek 240 kV Transmission Project.
 - Phase II: Wesley Creek to Meikle 240 kV Transmission Project.
 - Phase III: Arcenciel to Ring Creek 144 kV Transmission Line.

Brintnell to Wesley Creek 240 kV Transmission Project

- Completed in 2010.
- Located between the Wabasca and Peace River area of northwest Alberta.
- Projects included construction of a new 226 km 240 kV transmission line and expansion of two existing substations ("Brintnell" near Wabasca and "Wesley Creek" near Peace River).

Arcenciel to Ring Creek 144 kV Transmission Line

- ATCO Electric is currently consulting with and seeking input from involved landowners.
- Study area is 10 km southeast of Rainbow Lake to existing Ring Creek substation.
- Proposed projects include construction of new 144 kV transmission line from Arcenciel to Ring Creek substations and alteration of the Ring Creek substation.

Other ATCO Electric Transmission Projects

- Eastern Alberta DC Transmission Line.
 - Located in the eastern corridor between Edmonton and Calgary.
 - The 500 kV transmission line will connect a hub in the Gibbons-Redwater area northeast of Edmonton to a southeast hub in the Brooks area and be approximately 500 km in length. An AC/DC converter station will be constructed at each end of the line.
- Hanna Region Transmission Development.
 - Located in east central Alberta.
 - Within this area, a variety of system upgrades have been proposed including adding new transmission lines and substations, upgrading existing substations, and salvaging existing transmission lines and equipment.

Wesley Creek to Meikle 240 kV transmission project:

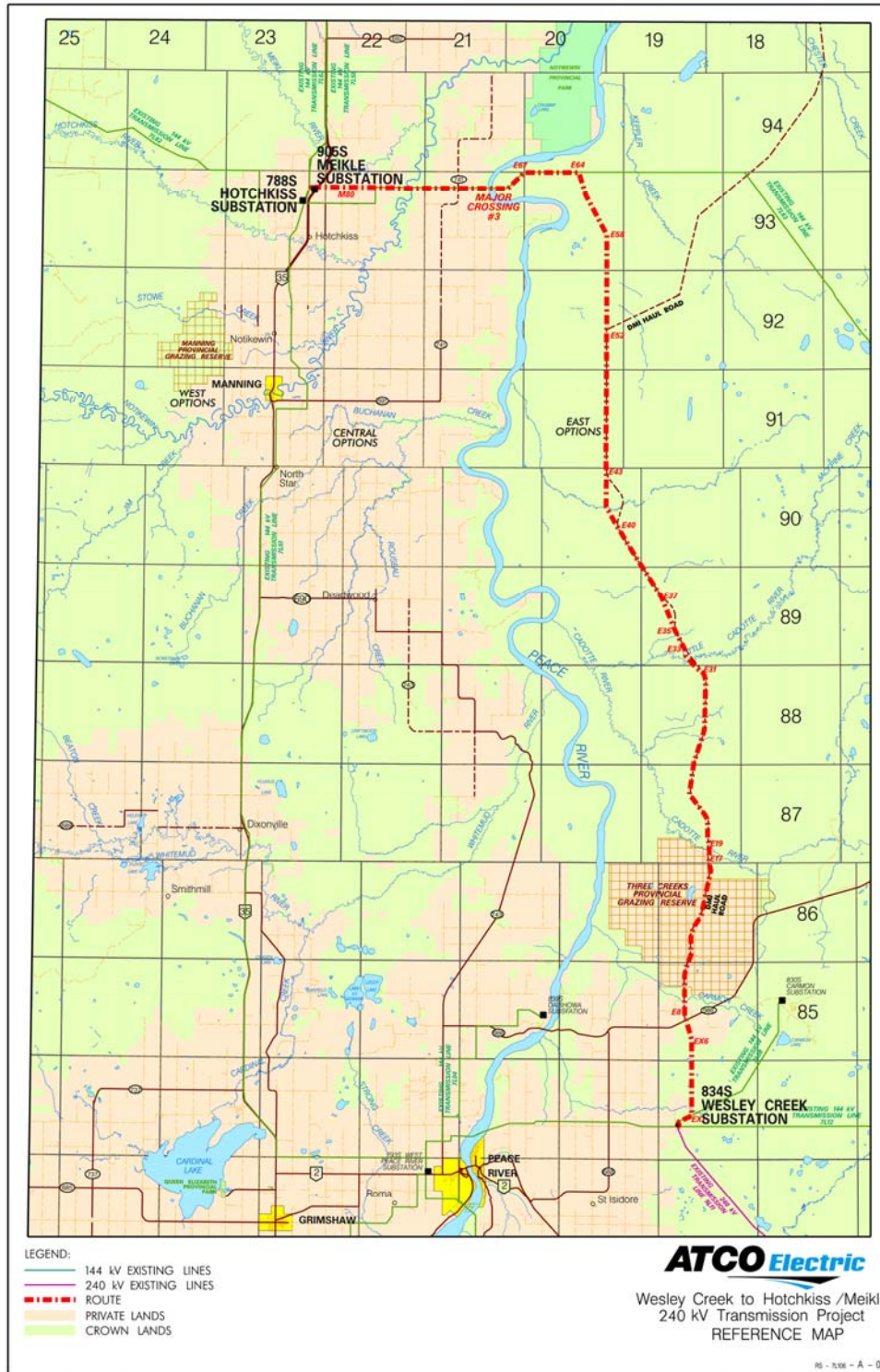


Photo shows a double circuit steel lattice transmission tower built as part of the Wesley Creek to Meikle transmission project. Photos courtesy of *Laughing Dog Photography*.



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