



Ampjack Industries Ltd.

Industry Update: SaskPower A1Q A2Q – A1B A2B Road Upgrade Clearance Project

March 2015

The Split



Ampjack Industries Ltd is collaborating with SaskPower Transmission Line Asset Group, to remediate high voltage low wire road crossing clearances over specific roadways within the province of Saskatchewan. Using cutting edge AMPJACK® technology, the first ever 15ft live raise on a double circuit tower energized at 230kV was completed in Canada. Structures 151 and 152 supporting the wire over Provincial Highway SK-41 were each raised 15ft, significantly increasing the safety of transporting large high-wide loads along the highway.

The AMPJACK® permits tower upgrading without the requirement of a crane, greatly reducing the project footprint, which provides for a more cost effective and environmentally sensitive solution.

The Extension

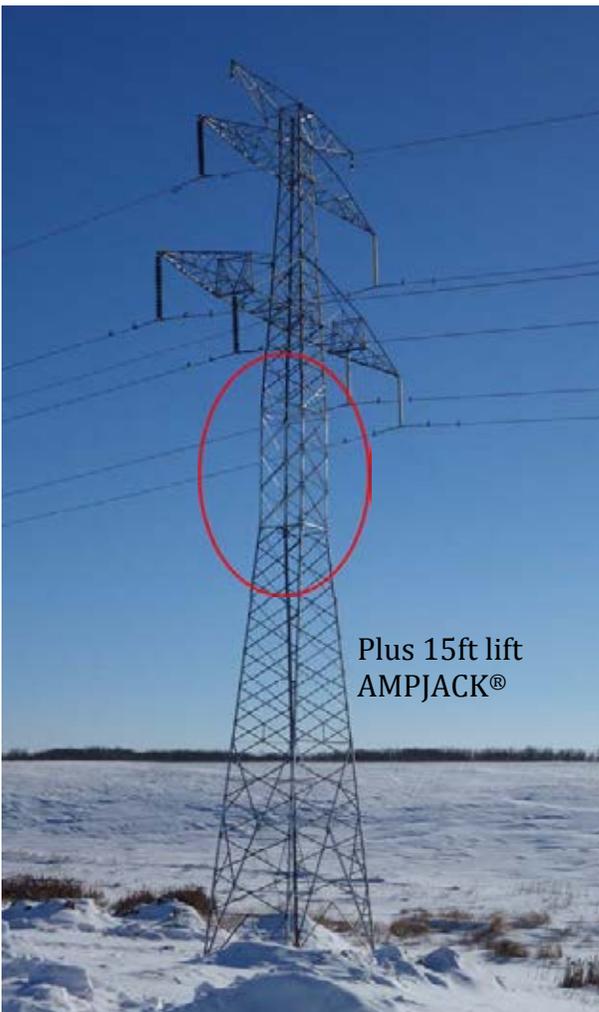


High Voltage Transmission Line Road Clearances can be Challenging

SaskPower requires more road clearance to maintain safe operation of their lines. The AMPJACK® tower raising solution is more manageable and cost effective than using cranes. The project scope includes raising and reinforcing 26 structures, with lifts ranging from 7.5 to 15ft. Included in these 26 structures are 24 Tangent 230kV structures, 1 Light Angle and 1 Railroad Crossing. The AMPJACK® safely maintains control of the tower while lifting 16,000 lbs of steel and double circuit conductor at spans in excess of 1295 feet. Because the tower remains structurally intact, workers are never exposed to suspended loads. Since AMPJACK® can be safely rigged within the body of the tower, work can be conducted while the line remains energized. Not requiring outages, large cranes or heavy access roads, allows for safe and economical upgrades to the existing lattice transmission lines.

Environmentally sensitive areas and restricted line outages require new technologies to overcome challenges

The Fix



For more information see us on the Web at:

www.ampjack.ca

