

Transmission & Distribution [About T&D](#) | [B. Support](#) | [CP&S](#) | [GCC](#) | [G/E Insp.](#) | [Mat. & Eng.](#) | [Net. Dev.](#)
| [PA. Region](#) | [R. Region](#) | [S. Region](#) | [W. Region](#)

It was 35 feet tall, 60,000 pounds and needed to be moved

It was 35 feet tall and tipped the scales at 60,000 pounds.

And it needed to be moved...

SaskPower recently took part in the delivery of one of the largest stainless steel storage tanks ever to be shipped in Saskatchewan.

Along with the obvious size concerns and focus on safety, the project had SaskPower facing a tight timeline, lifting and cutting overhead power lines, spring road bans and early morning hours.

The tank, which was an integral part of the construction of a new 150 million litre ethanol plant, needed to be trekked from North Battleford to Belle Plaine. The plant is being designed and built by VCM Contractors and Engineers and its joint venture partner EllisDon for Terra Grain Fuels Ltd. With the proposed start up date of the plant being December 14, 2007, the tank had to be delivered by March 30, 2007 to stay on schedule.

Kim Campbell, acting operating supervisor out of North Battleford, reveals that three SaskPower crews of about 40 people in all worked on the move. And before anyone hit the road, two pre-planning meetings were held and keeping everyone safe was foremost in those discussions.

“We discussed the route we would take and the overall leg work,” says Campbell. “We went over what are the obstacles and what could be done about them.”

Figuring out the route of the journey would prove to be pivotal. Initially the tank was to be completed and delivered before the spring time road bans, which begins the third Sunday of March and lasts for six to eight weeks, came into effect. Due to unforeseen circumstances construction on the tank was finished two weeks into the road bans. With 500 km to travel, this presented a huge glitch in the plans.

Andrew Wagner, Project Engineer for VCM, had to approach the nine RMs and the eight Department of Highways districts involved to get permission to travel. Discretionary access was provided on the conditions that travelling would take place when the temperatures were below zero and that they would be responsible for damages to the roads.



Talk about a road hog. SaskPower recently took part in the delivery of one of the largest stainless steel storage tanks ever to be shipped in Saskatchewan. The tank was 35 feet wide and weighed 60,000 lbs.



With the tank being higher than the overhead power line clearances, SaskPower also had to plan for raising and/or cutting power lines, which meant rerouting and shutting off power and advertising power outages to the residents of the areas. In total, there were 44 single phase lifts, 23 single phase cuts, 39 three phase lifts and eight three phase cuts.

“You don’t realize how

until you have to drive through them,” remarked Wagner.

On March 26, the convoy of 22 vehicles set out, including 10 SaskPower vehicles and a semi carrying the tank. To respect the discretionary access conditions, everyone was on the road by 6:30 a.m. SaskPower crews assembled themselves in order to best maximize the driving time.

“We had one crew ahead cutting or raising the lines and one behind the tank repairing and putting them back up,” explains Campbell. “The tank was able to just keep going.”

The crew was held up for two and a half days due to some stormy, winter weather, but the tank still arrived on site by the deadline and no damage was done to the grid roads or thin membrane highway.

“It felt good,” recalls Campbell, of when the tank arrived safely. “The crews felt good knowing we did as much as we could to help the customer. Everything just seemed to go really well.”

VCM, EllisDon and everyone involved in the plant was extremely appreciative to SaskPower for their extra efforts in the delivery.

“SaskPower’s ‘can-do’ attitude made this move possible and a success story,” comments Wagner. “We appreciate all of the coordination, public power outage announcements and hard work that went into this move.”

People and innovation. Here’s another great example of SaskPower’s employees putting that vision into action, safely and with tremendous team effort. Congratulations to everyone involved.

Last Modified: 04/30/2007 03:14 PM **Content Owner:** [Jamie Kreiser](#) **Content Publisher:** [Lisa Raddys](#)

Warning: All content on the EIN is the confidential property of SaskPower and is restricted to the use of SaskPower employees and contractors. Any improper dissemination of electronic and printed material will be prosecuted.