

John Hart Generating Station Replacement Project

November 2013 Community Construction Update Report #7

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Overview

In mid-November, BC Hydro announced SNC-Lavalin Inc. was selected as the preferred contractor to design and build the replacement project. BC Hydro and SNC-Lavalin are working to sign the project contract in mid-February 2014, when they would then mobilise to the site.

BC Hydro is very pleased with the facility design that will see all the replacement hydroelectric works go underground (see layout on page 4).

SNC-Lavalin, to no surprise, is being inundated with job and subcontractor requests. The preferred contact information to SNC should be either johnhartproject@snclavalin.com or the 604-331-4644 fax number. SNC is focused on the contract signing so a phone call (the project is being run from their west coast office) is not ideal.

BC Hydro and SNC-Lavalin will hold a business open house in Campbell River in early 2014. More details to follow in the near future.

There will be no construction report for December. We will start up again in January 2014

Overview

The general elements of the facility design:

- All new hydroelectric works will go underground. For the existing hydroelectric facilities, they will be removed/decommissioned with the exception of one surge tower given it has communications equipment and is a visual aid to the airport. The substation and administration building will also remain.
- The tunnel is about 100 metres below the surface, all in bedrock. It is up to 8.1 metres in diameter and will be horse-shoe shaped vertically, with a flat bottom. It will be constructed through controlled blasting. Frontier-Kemper is the tunneling company that's part of SNC-Lavalin's wider team.
- The generating station and water bypass facility will be housed together about 70-100 metres below the ground surface, and about 500-600 metres up the pipeline corridor from the existing station.
- BC Hydro achieves a seismically strong, reliable facility, and the wider community will see environmental and social benefits from a much reduced site footprint.

Early site preparation works:

- The new access road, parking lot and trail to Elk Falls Provincial Park opened on November 9. Public access is open from dawn to dusk.
- The interpretive centre opened on November 12 and is open Tuesday and Thursday each week.
- The Highway 28 and Powerhouse Rd modifications works are now complete.
- BC Hydro employees moved out of the John Hart administration office in mid-November and are now at Campbell River Common.
- All of BC Hydro's early site preparation works are complete. We would like to thank the K'omoks First Nation and Upland Excavating Ltd joint venture for all their efforts on these early works.

Construction Activities – Woodstave Rd Works FOR GENERATIONS

Woodstave Road Works: the new access road, parking lot and trail to the Elk Falls Provincial Park are now complete.



Pedestrian bridge placement – swinging in the two sections onto the scaffolding.

Construction Photos – Woodstave Rd Works



With the two sections bolted together, the bridge is lifted off the scaffolding...

Construction Photos – Woodstave Rd Works



...and put into place on November 1.

Construction Photos – Woodstave Rd Works



Completed bridge and trail works.

Celebration Photos – Woodstave Rd Works

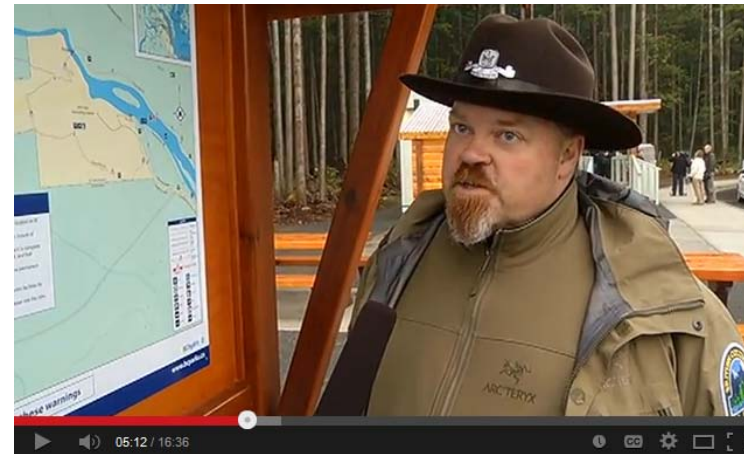


Community and media event on November 6 to profile the opening of the facilities. 10

Media – Woodstave Rd Works



Interpretive Centre overview link:
<http://www.youtube.com/watch?v=DiBCVXfzX9k>



November 6 facility preview event, with BC Parks (Brent Blackmun) and the Campbell River Rotary Club (Lorrie Bewza) featured:

<http://youtu.be/Yvrj4IH8T5I>



Media coverage and YouTube links.

Construction Activities – Powerhouse Road

Powerhouse Road entrance changes: The existing access road into John Hart will be moved and modified for better vehicle safety. Road works completed in November.



Looking southwest on Hwy 28 towards Powerhouse Rd intersection.

Construction Photos – Powerhouse Road



Looking northwest to the intersection

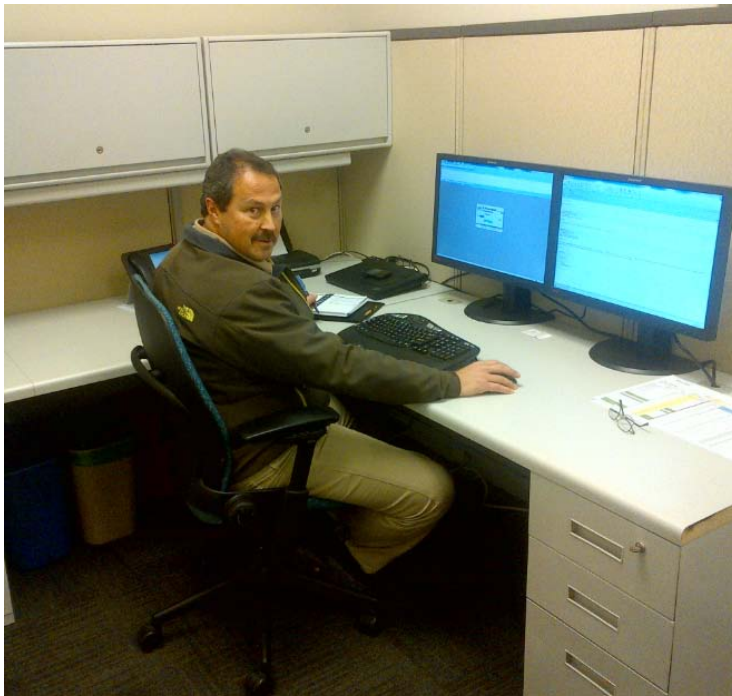
Construction Photos – Powerhouse Road



Connecting the street lights, and the view of the access road.

Construction Activities – Temporary Staff Office

John Hart staff moving to Campbell River Common: During the approximate five-year John Hart construction period, about 50 John Hart staff will be moved temporarily off-site. The office move took place in November.



Vancouver Island Generation Area Manager, Neal Dermody, gets set up in his new space, and the wider office administration area

Construction Photos – Temporary Staff Office



Staff training and meeting centre, and one of the work shops.

Construction People Profile – Terry Stuart

About Terry, from Upland Excavating Ltd:

- **Background:**

Born in Campbell River, spent the last 11 years in Seattle. Worked for the Vancouver Fire Department and BC Ambulance Service. Has been around construction all his life.

- **Home:**

Campbell River

- **Hobbies:**

Kite boarding, running, mountain biking, and skiing.

- **Construction site responsibility:**

Manager of Contracting Activities between BC Hydro and Upland Excavating.

- **Favourite aspect of the job:**

Working with people and seeing it all come together.



“It’s been good to work with the Upland employees, the K’omoks First Nation, and the various specialised subcontractors we’ve hired along the way to make these BC Hydro site modifications a reality. They look great. We appreciate the confidence from BC Hydro in allowing us to do this work.”

Construction – Point of Interest

Each month, BC Hydro will provide a construction fact, occurrence, or situation.

The John Hart Project Interpretive Centre was open six days in November, with the daily visitors being:

Nov 12 – 40

Nov 14 – 39

Nov 19 – 29

Nov 21 – 51

Nov 26 – 14

Nov 28 – 13

That's a total of 186 visitors.

Next week, BC Hydro and SNC-Lavalin will add onto the interpretive centre wall a few 3-D facility design renderings – go check them out.