BC hydro

September 2015

60 DAYS OF SITE C CONSTRUCTION



SITE C CONSTRUCTION UPDATE

Construction of the Site C Clean Energy Project has been underway for 60 days. Construction crews have been clearing trees and vegetation at the dam site, building access roads at the dam site, upgrading public roads and preparing the site for construction of a 1,600-person worker camp. There are now more than 160 workers at the dam site and this number will continue to increase over the coming months and years.

Throughout construction, BC Hydro is committed to providing you with information about Site C construction activities in a timely manner.

There are many ways to learn more about Site C construction activities, including:

- Visit us on the web and sign up to receive email updates on construction: www.sitecproject.com
- Follow us on Twitter: @sitecproject
- Call our toll-free construction information telephone line at: 1-877-217-0777
- Email us at: sitec@bchydro.com
- Register for the Site C Business Directory to stay informed about procurement opportunities at: www.sitecproject.com

SITE C CONSTRUCTION FACTS

Building Site C will result in:

- **10,000 person-years** of direct employment during construction and **33,000 person-years** of employment in total.
- **$3.2 billion** added to the provincial economy from the purchase of goods and services during construction, including **$130 million** to the regional economy.
- **$40 million** in tax revenues during construction to local governments and approximately **$2 million** per year for local governments during operations from grants-in-lieu and school taxes.
- **$179 million** in provincial revenues and **$270 million** in federal revenues from activities during construction.

ABOUT SITE C

BC Hydro's Site C Clean Energy Project will be a third dam and hydroelectric generating station on the Peace River in northeast B.C., about seven kilometres southwest of Fort St. John.

Site C will provide 1,100 megawatts of capacity, and produce about 5,100 gigawatt hours of electricity each year — enough energy to power the equivalent of about 450,000 homes per year in B.C.

Site C is being built to help meet long-term electricity needs in B.C., which are forecast to increase by 40 per cent over the next 20 years.

Once completed in 2024, Site C will be a source of clean, reliable and cost-effective electricity in B.C. for more than 100 years.

CONSTRUCTION PHOTOS



Clearing and grubbing at the 269 Road turnaround in July 2015.



A truck delivers a modular unit to the Site C dam site for a temporary work camp.



Construction equipment working on new site access roads and the site preparation for the worker accommodation camp on the north bank of the Site C dam site.



Temporary trailers are assembled on the north bank of the Site C dam site.



Crews installing foundation piles for the worker accommodation camp on the north bank of the Site C dam site.



Site clearing equipment leaving the site on the north bank of the Site C dam site, with log stockpile in the background.



Excavation of material; part of the slope stabilization on the north bank of the Site C dam site.



Equipment staging area on the north bank of the Site C dam site.

ECONOMIC OPPORTUNITIES

Site C will provide economic benefits to the Peace region. Over the construction period, there will be significant jobs, contracting and sub-contracting opportunities for local, regional and Aboriginal workers and businesses.

While construction is just getting underway, local firm Paul Paquette & Son's Contracting from Chetwynd has been awarded a contract for south bank clearing. In addition, A.L. Sims & Sons Ltd. from Prince George has won a contract to improve public roads.

Other local companies have been sub-contracted to do work on the project. For example, Petrowest Construction from Charlie Lake will be doing site preparation work for the worker accommodation camp. In addition, the Fort St. John office of WSP Canada will be doing surveying work and Helical Pier Systems out of Fort St. John has been engaged to conduct pile work for the camp.

To facilitate local partnerships, BC Hydro will be holding business-to-business networking sessions in the Peace region in October, which will provide local businesses with the opportunity to meet successful contractors and build relationships.

SITE C AND AGRICULTURE

More than 99 per cent of Class 1 to 5 agricultural lands (i.e., land capable of crop production) in the Peace Agricultural Region will not be affected by Site C.

While there will be a permanent loss of approximately 3,800 hectares of Class 1 to 5 lands, approximately 2.7 million hectares of Class 1 to 5 lands will remain available for agricultural production in the region.

Overall agricultural production in the region is expected to benefit from proposed mitigation measures, including a $20-million agricultural compensation fund.

SITE C BENEFITS

Among the benefits to local communities from the Site C project are:

- A regional legacy benefits agreement between BC Hydro and the Peace River Regional District (PRRD) will provide **$2.4 million** annually to the PRRD and its member communities for a period of 70 years, starting when Site C is operational. The funding will be indexed to inflation.
- More than **$1 million** to support regional non-profit organizations during construction.
- **$1 million** to support trades and skills training at Northern Lights College, 50 per cent of which is dedicated to Aboriginal students.
- **$200,000** to fund the development of a B.C. Peace River / Site C Reservoir Navigation and Recreation Opportunities Plan.
- **$200,000** for a community recreation site fund to support community groups in developing new shoreline recreation areas.
- **$150,000** to the District of Hudson's Hope for the enhancement of Alwin Holland Park or other community shoreline recreation areas.
- **50 new rental housing units** will be built in Fort St. John and 10 of these units will be available for immediate use by the community. At the completion of construction, all 50 units will be provided as affordable rental housing for community use.

In addition to local benefits, BC Hydro and its contractors will take great care to avoid or mitigate effects on the environment, consistent with federal and provincial conditions of environmental approval.

BC Hydro is committed to working with First Nations to address their concerns and identify opportunities for them to benefit from the project.