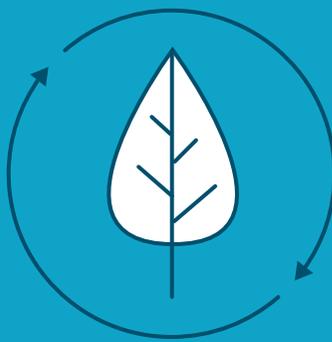


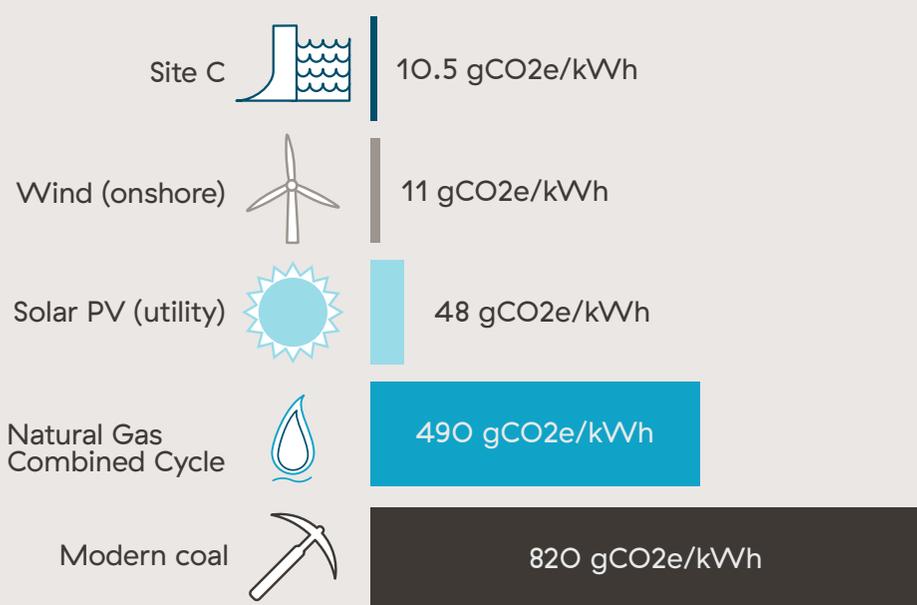
Environmental benefits of Site C

The Site C project will be a source of clean and renewable power in B.C. for more than 100 years.



Low greenhouse gas emissions

Site C will produce among the lowest lifecycle GHG emissions, per gigawatt hour, compared to other forms of electricity generation and significantly less than fossil fuel sources.



An independent Joint Review Panel wrote:

"Site C...would produce fewer greenhouse gas emissions per unit of energy than any source save nuclear."

Optimizing existing resources

Site C will rely on the existing Williston Reservoir for most of its water storage.

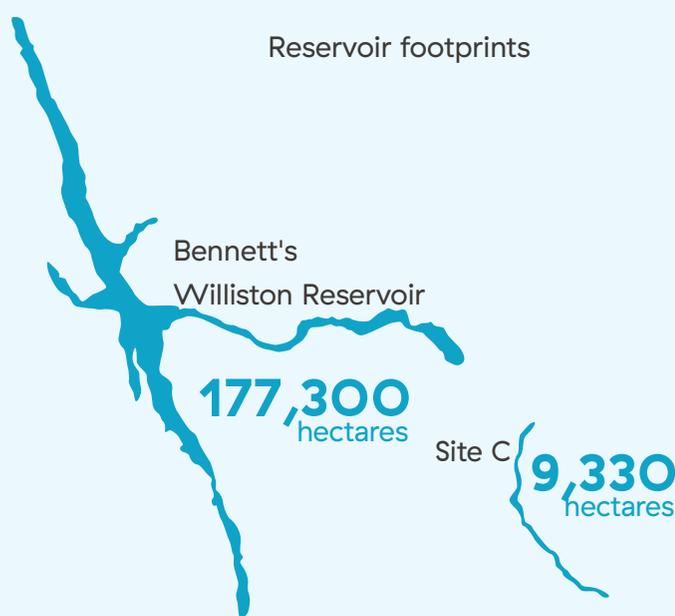
As a result, Site C will be able to generate about

35%

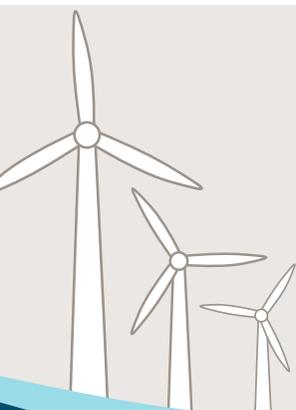
of the energy produced at the W.A.C. Bennett Dam, with only

5%

of the reservoir area



Integrating renewables



Intermittent resources, like wind and run-of-river hydro, are not always available to generate electricity (e.g., when the wind is not blowing or the river is not flowing).

As a dependable and flexible resource, Site C can quickly

increase or decrease

generation to match the availability of these resources. This will help integrate intermittent resources into the provincial power grid.



Site C will help BC Hydro maintain an electricity system that is 93% clean.