# John Hart Generating Station



### 1. Asset information

The John Hart Generating Station Replacement Project located on the Campbell River a short distance north-west of the township of Campbell River, on Vancouver Island British Columbia, is a design, build, finance, maintenance and rehabilitation brown field project, replacing the existing John Hart Generation Station build in 1947. The new three-turbine, 132MW hydroelectric power generating station, includes three 46MW generating unit underground powerhouse, 2.1 kilometres of water passage tunnels and a water bypass system to protect downstream fish habitat.



The facilities along the Campbell River system not only generate clean and reliable electricity to over 80,000 homes, but also contribute to the surrounding communities by providing such services as flood control, domestic water supply and recreation.

## 2. Impact

Hydroelectric power station supports the access to clean and reliable electricity for over 80,000 homes, while providing flood control and domestic water supply, which represents c.400,000 tonnes of avoided GHG emissions.



#### 3. Awards and certifications

- The Tunnel Association Canada project excellence (2018)
- Canadian Hydropower Association outstanding project of the year award (2018)
- Canadian Council for Public-Private Partnerships National Gold Award for Project Financing (2014)
- P3 Bulletin "Best Water/Energy Project" Award (2015)
- P3 Bulletin "Projects Grand Prix" (2015)

## 4. Environment

#### Climate risk

The project was screened to evaluate the potential physical impacts from climate change based on 'Paris-aligned' (RCP2.6 ~+1°C) and 'High emissions' (RCP8.5 ~+3.7°C) scenarios across three time periods (2020, 2050 and 2100). The project maintains a Low physical climate risk score under both scenarios.

#### Waste & Water

The management services provider continues to monitor waste and water consumption and is actively exploring opportunities to reduce them wherever possible.

## **Biodiversity**

The asset is built in compliance with local environmental regulations. During the concession period, the Portfolio Company focuses on promoting restoration efforts to improve degraded or removed ecosystems that act as natural carbon sinks and can improve resilience to climate-related damages, such as:

- habitats for indigenous species (i.e., bat boxes, insect hotels, beehives, wild bee hotels, fish ladders)
- expansion of green spaces in urban areas (i.e., planting indigenous tree species, shrubs and flower meadows).

Additionally, the Portfolio Company has a Biodiversity policy in place.

#### 5. Social

# Health & Safety

Health and safety is on the agenda each board meeting. Our asset managers work actively with the Portfolio Company or its management service providers, to promote a strong health and safety culture, facilitate the sharing of best practices.

We endorse a zero-tolerance approach to occupational health and safety incidents. Additionally, the Portfolio Company has a Health & Safety policy in place and regularly conducts a fire or health and safety audit.

## **Diversity**

Not applicable as the Portfolio Company does not employ any staff.

#### 6. Governance

## Delegation & oversight

The Portfolio Company directors review on a quarterly basis comprehensive board report, including both general project management and financial management. The project has a rigorous governance structure in place with quarterly board meetings, ad-hoc meetings when required and an authority delegation matrix to the management services provider.

The Portfolio Company has robust ESG policies and procedures in place and clear board-level responsibility to monitor their application. The ESG standard policies include:

- Biodiversity policy
- Code of Conduct, including anti-bribery, anti-corruption and non-discrimination
- Conflict of interest
- Cyber-security
- Diversity
- ESG
- Health and safety (workplace accident prevention)
- Anti-slavery & Human Trafficking policy (Modern Day Slavery)
- Rapid escalation
- Responsible contractor
- Tax
- Whistleblowing

The Portfolio Company holds frequent meetings with the public sector client to promote collaboration, coordination and integration of operations.

#### Reporting

The Portfolio Company uses a quarterly board pack, reporting to the board of directors on the operational and financial performance of the project and compliance with its obligations and regulation/legislation, including the policies.

Additionally, the Portfolio Company reports annually into BBGI's ESG KPI survey, which composed of 100+ data points, covering all aspects of ESG oversight.

# Cyber security

Portfolio Company and its subcontractors continuously monitor that the cyber security policy is in place and perform information risk analysis and develops mitigating measures. They have a robust and comprehensive IT backup system in place. Additionally, the Portfolio Company has a Cyber security policy in place.

