

## Attachment 2: B.C. Climate Action Secretariat's Net-Zero Plan Requirements

The proponent must provide a credible plan to achieve net-zero facility and acquired energy emissions by 2050 (2030 for LNG), including:

- A description of the Project's main source(s) of greenhouse gas (GHG) emissions by GHG type;
- A quantitative description of the project's estimated annual GHG emissions by Project phase, over the lifetime of the Project;
- The relative contribution of each emission source to the Project's overall GHG profile;
- A description of how the proponent will reduce the GHG emissions from its Project, during its lifetime, as much as reasonably practicable through:
  - ensuring that the emissions intensity (measured by tonnes of carbon dioxide equivalent per the unit of production or activity) of the Project, during its lifetime, will be similar to the lowest in the world when compared against similar facilities under comparable conditions, and
  - implementing changes in technology that have arisen that would allow the Project to exceed the standard set out above or explaining why it would not be practicable to do so.
- A description of estimated operational GHG emissions intensity and a set of emissions intensity targets every five (5) years or as otherwise agreed with the Climate Action Secretariat until the project achieves net-zero emissions – targets must align with applicable target timelines (i.e., 2030 for LNG or 2050 for other facilities);
- For LNG facilities relying on clean grid electricity to credibly reduce emissions as far as possible, a description of all reasonable steps that have and will be taken to secure sufficient electricity by 2030 (i.e. demonstrate that the facility is net-zero ready if it is not possible, due to factors beyond the proponent's control, for the facility to access clean electricity by 2030);
- Estimated GHG emissions associated with upstream activities related to the project (if any);
- An analysis of the Best Available Technologies (BATs) and Best Environmental Practices (BEPs) to minimize and mitigate project GHG emissions, the reason(s) why a particular technology was selected, and planned timeline for technology implementation.
  - Where a BAT that could further reduce emissions is not selected, a rationale for not selecting that technology must be provided along with a timeline for reviewing its potential for application in the future;

- A description of how on-site GHG emissions reductions were prioritized;
- A description of any additional GHG mitigation measures that will be implemented (e.g., Carbon Capture and Storage) and the percentage of each mitigation measure relative to projected annual emissions;
- A description of emissions that cannot be netted out and are expected to remain by the target net-zero timeline (and for each year thereafter), if applicable, and the proposed approach to netting these emissions to zero using B.C. Offset Units;
  - For LNG facilities relying on clean grid electricity to credibly reduce emissions as far as possible but are unable to access that electricity by 2030, the description must include how the proponent will net out project emissions that are unrelated to the generation of electricity (for example, combustion unrelated to electricity generation such as for heaters and or thermal oxidizers, natural gas flaring, or on-site transport).
- An acknowledgment that this plan must be reviewed and updated every five years considering current BATs and BEPs;
- A description of the potential effects of the Project on the Province being able to meet its targets in the [CleanBC Roadmap to 2030](#) and the [Climate Change Accountability Act](#);
- A description of the Project's potential positive or negative effects on carbon sinks as identified during Early Engagement.

