**B.1 Facility Information Table**

All applicable information identified in the table below must be summarized in the table and detailed in the application narrative for an application to be considered complete. If the information is provided in the application narrative, please identify in the table the application section where the information can be found. Alternative formats including the Excel Table 1.b are acceptable if all information is provided.

**Table 1.a Facility Information.**

| ***Item*** | ***Information Requested*** | ***Response (include references to further details)*** |
| --- | --- | --- |
| ***Name of the Facility*** | Facility name (use FERC project name or other legal name) | Click or tap here to enter text. |
| ***Reason for applying for LIHI Certification*** | 1. To participate in state RPS program 2. To participate in voluntary REC market (e.g., Green-e) 3. To satisfy a direct energy buyer’s purchasing requirement 4. To satisfy the facility’s own corporate sustainability goals 5. For the facility’s corporate marketing purposes 6. Other (describe) | (select and describe only applicable reasons)  1.  State Program:  Click or tap here to enter text.  2.  3.  4.  5.  6.  describe: Click or tap here to enter text. |
| If applicable, amount of annual generation (MWh and % of total generation) for which RECs are currently received or are expected to be received upon LIHI Certification | Amount of MWh participating: Click or tap here to enter text.  % of total MWh generated: Click or tap here to enter text. |
| ***Location*** | River name (USGS proper name) | Click or tap here to enter text. |
| Watershed name - Select region, click on the area of interest until the 8-digit HUC number appears. Then identify watershed name and HUC-8 number from the map at: <https://water.usgs.gov/wsc/map_index.html> | Click or tap here to enter text. |
| Nearest town(s), county(ies), and state(s) to dam | Click or tap here to enter text. |
| River mile of dam above mouth | Click or tap here to enter text. |
| Geographic latitude and longitude of dam | Lat: Click or tap here to enter text.  Long: Click or tap here to enter text. |
| ***Facility Owner*** | Application contact names | Click or tap here to enter text. |
| Facility owner company and authorized owner representative name.  **For recertifications: If ownership has changed since last certification, provide the effective date of the change.** | Click or tap here to enter text. |
| FERC licensee company name (if different from owner) | Click or tap here to enter text. |
| ***Regulatory Status*** | FERC Project Number (e.g., P-xxxxx), issuance and expiration dates, or date of exemption | Click or tap here to enter text. |
| FERC license type (major, minor, exemption) or special classification (e.g., "qualified conduit", “non-jurisdictional”) | Click or tap here to enter text. |
| Water Quality Certificate identifier, issuance date, and issuing agency name. Include information on amendments. | Click or tap here to enter text. |
| Hyperlinks to key electronic records on FERC e-Library website or other publicly accessible data repositories[[1]](#footnote-1) | Click or tap here to enter text.  (or provide a separate list) |
| ***Powerhouse*** | Date of initial operation (past or future for pre-operational applications) | Click or tap here to enter text. |
| Total installed capacity (MW)  **For recertifications: Indicate if installed capacity has changed since last certification** | Click or tap here to enter text. |
| Average annual generation (MWh) and period of record used  **For recertifications: Indicate if average annual generation has changed since last certification** | Click or tap here to enter text. |
| Mode of operation (run-of-river, peaking, pulsing, seasonal storage, diversion, etc.)  **For recertifications: Indicate if mode of operation has changed since last certification** | Click or tap here to enter text. |
| Number, type, and size of turbine/generators, including maximum and minimum hydraulic capacity and maximum and minimum output of each turbine and generator unit | Click or tap here to enter text. |
| Trashrack clear spacing (inches) for each trashrack | Click or tap here to enter text. |
| Approach water velocity (ft/s) at each intake if known | Click or tap here to enter text. |
| Dates and types of major equipment upgrades  **For recertifications: Indicate only those since last certification** | Click or tap here to enter text.  (or provide a separate list) |
| Dates, purpose, and type of any recent operational changes  **For recertifications: Indicate only those since last certification** | Click or tap here to enter text.  (or provide a separate list) |
|  | Plans, authorization, and regulatory activities for any facility upgrades or license or exemption amendments | Click or tap here to enter text.  (or provide a separate list) |
| ***Dam or Diversion*** | Date of original dam or diversion construction and description and dates of subsequent dam or diversion structure modifications | Click or tap here to enter text. |
| Dam or diversion structure length, height including separately the height of any flashboards, inflatable dams, etc. and describe seasonal operation of flashboards and the like | Click or tap here to enter text. |
| Spillway maximum hydraulic capacity | Click or tap here to enter text. |
| Length and type of each penstock and water conveyance structure between the impoundment and powerhouse | Click or tap here to enter text. |
| Designated facility purposes (e.g., power, navigation, flood control, water supply, etc.) | Click or tap here to enter text. |
| ***Conduit Facilities Only*** | Date of conduit construction and primary purpose of conduit | Click or tap here to enter text. |
| Source water | Click or tap here to enter text. |
| Receiving water and location of discharge | Click or tap here to enter text. |
| ***Impoundment and Watershed*** | Authorized maximum and minimum impoundment water surface elevations  **For recertifications: Indicate if these values have changed since last certification** | Click or tap here to enter text. |
| Normal operating elevations and normal fluctuation range  **For recertifications: Indicate if these values have changed since last certification** | Click or tap here to enter text. |
| Gross storage volume and surface area at full pool  **For recertifications: Indicate if these values have changed since last certification** | Click or tap here to enter text. |
| Usable storage volume and surface area  **For recertifications: Indicate if these values have changed since last certification** | Click or tap here to enter text. |
| Describe requirements related to impoundment inflow and outflow, elevation restrictions (e.g., fluctuation limits, seasonality) up/down ramping and refill rate restrictions. | Click or tap here to enter text. |
| Upstream dams by name, ownership (including if owned by an affiliate of the applicant’s company) and river mile. If FERC licensed or exempt, please provide FERC Project number of these dams. Indicate which upstream dams have downstream fish passage. | Click or tap here to enter text. |
| Downstream dams by name, ownership (including if owned by an affiliate of the applicant’s company), river mile and FERC number if FERC licensed or exempt. Indicate which downstream dams have upstream fish passage | Click or tap here to enter text. |
| Operating agreements with upstream or downstream facilities that affect water availability and facility operation | Click or tap here to enter text. |
| Area of land (acres) and area of water (acres) inside FERC project boundary or under facility control. Indicate locations and acres of flowage rights versus fee-owned property. | Click or tap here to enter text. |
| ***Hydrologic Setting*** | Average annual flow at the dam, and period of record used | Click or tap here to enter text. |
| Average monthly flows and period of record used | Click or tap here to enter text. |
| Location and name of closest stream gaging stations above and below the facility | Click or tap here to enter text. |
| Watershed area at the dam (in square miles). Identify if this value is prorated from gage locations and provide the basis for proration calculation. | Click or tap here to enter text. |
| Other facility specific hydrologic information (e.g., average hydrograph) | Click or tap here to enter text. |
| ***Designated Zones of Effect*** | Numbers and names of each zone of effect (e.g., “Zone 1: Impoundment”) | Click or tap here to enter text. |
| River mile of upstream and downstream limits of each zone of effect  (e.g., “Zone 1 Impoundment: RM 6.3 - 5.1”) | Click or tap here to enter text. |
| ***Pre-Operational Facilities Only*** | | |
| ***Expected operational date*** | Date generation is expected to begin | Click or tap here to enter text. |
| ***Dam, diversion structure or conduit modification*** | Description of modifications made to a pre-existing conduit, dam or diversion structure needed to accommodate facility generation. This includes installation of flashboards or raising the flashboard height.  Date the modification is expected to be completed | Click or tap here to enter text. |
| ***Change in water flow regime*** | Description of any change in impoundment levels, water flows or operations required for new generation | Click or tap here to enter text. |

1. For example, the FERC license or exemption, recent FERC Orders, Water Quality Certificates, Endangered Species Act documents, Special Use Permits from the U.S. Forest Service, 3rd-party agreements about water or land management, grants of right-of-way, U.S. Army Corps of Engineers permits, and other regulatory documents. If extensive, the list of hyperlinks can be provided separately in the application. [↑](#footnote-ref-1)