

SECTION 2

EXISTING AND PROPOSED PROJECT

This section includes two major sub-sections: Section 2.1 describes the existing Project, and in particular facilities and features, FERC Project Boundary, safety, operations, environmental measures, Project maps and design drawings, the Project's compliance history, and YCWA's current net investment in the Project. Section 2.2 describes any changes YCWA proposes to the existing Project.

2.1 Existing Project

2.1.1 Facilities, Features, Project Boundary and Safety

Refer to Appendix A (Draft Exhibit A, Project Facilities and Features) of this PAD for a detailed description of existing Project facilities and features, including the FERC Project Boundary.

The Project has been operating for more than 45 years under the existing license and during this time FERC staff has conducted operational inspections focusing on the continued safety of the structure, identification of unauthorized modifications, efficiency and safety of operations, compliance with the terms of the license, and proper maintenance. In addition, the Project has been inspected and evaluated every 5 years by an independent consultant and a consultant's safety report has been submitted for FERC's review. YCWA, which purchased and took over the license for the Project from PG&E on March 31, 2020, has a strong commitment to employee and public safety, which is reflected in its safety procedures and training program, and its safety record. YCWA is unaware of any safety issue related to the Project.

2.1.2 Operations

Refer to Appendix B (Draft Exhibit B, Project Operations and Resource Utilization) of this PAD for a detailed description of existing Project operations (i.e., typical and in adverse, mean and high water years), including hydrology and water availability, monthly flow duration curves, regulatory and contractual operating constraints, generation and dependable capacity. In addition, Appendix B discusses YCWA's use of a water balance and operations model (Ops Model) for the Narrows Hydroelectric Project relicensing.

2.1.3 Maps, Design Drawings and Plans

2.1.3.1 Project Maps

Refer to Appendix C (Draft Exhibit G, Project Maps) of this PAD for a map of the Project Boundary, including land ownership.

2.1.3.2 Project Design Drawings

Refer to Appendix D (Draft Exhibit F, Design Drawings) of this PAD for a list of detailed drawings of Project facilities. These drawings provide plan, elevation, profiles and sections, and depict the as-built principal Project works.

2.1.3.3 Plans and Agreements

In conformance with Articles 101, 102, 401, 404 and 405 of the existing license, the following plans and agreements were developed by PG&E and approved by FERC:

- Storage Agreement by and between USACE and PG&E dated November 18, 1994, as required by Articles 101 and 102 in the existing license.
- Operation and Maintenance Agreement by and between USACE and PG&E dated November 18, 1994, as required by Articles 101 and 102 in the existing license.
- Narrows 1 and Narrows 2 Coordinated Operations and Revenue Allocation Agreement by and between YCWA and PG&E that was fully executed on April 20, 2016, as required by Article 401 in the existing license.
- Fisheries Enhancement Plan dated August 11, 1993, as amended, and required by Article 404 in the existing license.
- Narrows Ramping Rate Plan dated August 11, 1993, as amended, and required by Article 405 in the existing license.

2.1.4 Compliance History

YCWA is in compliance with terms and conditions of the existing license. During annual FERC Project inspections and the 5-year public safety, environmental, and recreation inspections, various remedial actions were recommended as a result of the inspections. YCWA initiates actions and proposes plans and schedules to correct any issues of safety, compliance, or other issues as recommended from the inspections and provides written confirmation of the actions taken.

YCWA has had no re-occurring situations of non-compliance with the existing license's terms and conditions. In the event of a deviation from a term or condition in the existing license, such as deviation from a flow requirement, YCWA notifies FERC, initiates an investigation and provides a written report, including proposed corrective actions if appropriate, to FERC regarding the deviation. FERC conducts its own analysis and determines if the deviation is considered a formal non-compliance event. There have been no non-compliance events in the past 5 years.

2.1.5 Current Net Investment

YCWA estimates the existing Project's net book value (assets minus liabilities) at this time (2020) is approximately \$606,821.

2.2 YCWA Proposed Changes to Project Facilities and Operations

At this time, YCWA proposes no changes to existing Project facilities and features, including the Project Boundary, or existing Project operations. YCWA reserves its right to propose changes as the relicensing proceeds.

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