

**FINAL LICENSE APPLICATION
EXHIBIT F
GENERAL DESIGN DRAWINGS AND SUPPORTING
INFORMATION**

**SKAGIT RIVER HYDROELECTRIC PROJECT
FERC NO. 553**

Seattle City Light

April 2023

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List of Acronyms and Abbreviations

CEII.....	Critical Energy Infrastructure Information
CFR.....	Code of Federal Regulations
City Light.....	Seattle City Light
CoSD.....	City of Seattle datum
DLA	Draft License Application
FERC.....	Federal Energy Regulatory Commission
FLA	Final License Application
NAVD 88	North American Vertical Datum of 1988
Project	Skagit River Hydroelectric Project
STID.....	Supporting Technical Information Document

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EXHIBIT F: GENERAL DESIGN DRAWINGS AND SUPPORTING INFORMATION

1.0 CONTENTS AND PURPOSES OF THIS EXHIBIT

The Skagit River Hydroelectric Project (Skagit River Project or Project) is licensed by the Federal Energy Regulatory Commission (FERC) as FERC Project No. 553. The current FERC license expires on April 30, 2023. Comments filed on Exhibit F of the Draft License Application (DLA; filed November 30, 2022) have been addressed herein and responses to all DLA comments are included in Appendix B of Exhibit E of this Final License Application (FLA).

Because proposed structural changes to the Skagit River Project are only conceptual at this point in time, Seattle City Light (City Light) is incorporating, by reference, the most recent Part 12 Independent Consultant Safety Inspection Report, specifically the Supporting Technical Information Document (STID) for each of the three developments (as filed with FERC December 2017, Accession Number 20180108-0196; City Light 2017a, 2017b, and 2017c), to satisfy the requirements for a Supporting Design Report.

The proposed Exhibit F design drawings were prepared in conformance with 18 Code of Federal Regulations (CFR) § 4.39 and provide plans, elevations, and sections in accordance with requirements of 18 CFR § 4.51(g), incorporating by reference § 4.41(g). In addition, the vertical elevations have been updated and presented in North American Vertical Datum of 1988 (NAVD 88) consistent with the current conversion factors for City of Seattle datum (CoSD) to NAVD 88 that are being used in this relicensing (see Appendix C in Exhibit E of this FLA for details).

Table 1.0-1 lists the drawings, which are contained in Appendix A of this Exhibit F.

Table 1.0-1. Summary of proposed design drawings for the Skagit River Project.

Sheet Number	Title	Date	FERC No.	City Light Drawings Number
F-1	Skagit Facilities Key Plan, Gorge General Plan	4/4/2023	FERC-553-XXX	D-61946
F-2	Gorge Dam – Plan, Elevation and Sections		FERC-553-XXX	D-61947
F-3	Gorge Power Plant – Plan and Sections		FERC-553-XXX	D-61948
F-4	Gorge 2 nd Tunnel, Preliminary Details		FERC-553-XXX	D-61949
F-5	Gorge Powerhouse – Plan, Elevation and Sections		FERC-553-XXX	D-61950
F-6	Diablo General Plan		FERC-553-XXX	D-61951
F-7	Diablo Dam – Plan, Elevation and Section		FERC-553-XXX	D-61952
F-8	Diablo Plant – Plan and Sections		FERC-553-XXX	D-61953
F-9	Diablo Powerhouse – Plan, Elevation and Sections		FERC-553-XXX	D-61954
F-10	Ross General Plan		FERC-553-XXX	D-61955
F-11	Ross Dam – Plan, Elevation and Sections		FERC-553-XXX	D-61956
F-12	Ross Power Plant – Plan and Sections		FERC-553-XXX	D-61957
F-13	Ross Powerhouse – Plan, Elevation and Sections		FERC-553-XXX	D-61958
F-14	Electrical One-Line Diagram		FERC-553-XXX	D-61959
F-15	Gorge PH Units 21, 22, 23 & Emergency Generator One-Line Diagram		FERC-553-XXX	D-62310
F-16	Gorge PH Unit 24 & Switchyard One-Line Diagram		FERC-553-XXX	D-62311
F-17	Diablo PH Units 31, 32 & Switchyard One-Line Diagram		FERC-553-XXX	D-62312
F-18	Ross PH Units 41, 42 & Line R2 One-Line Diagram		FERC-553-XXX	D-62313
F-19	Ross PH Units 43, 44 & Line R1 One-Line Diagram		FERC-553-XXX	D-62496

Pursuant to 18 CFR § 4.39(e), Exhibit F design drawings showing major facility structures are being withheld and filed separately as Critical Energy Infrastructure Information (CEII). Procedures for obtaining access to CEII may be found at 18 CFR § 388.113. Requests for access to CEII should be made to the Commission's CEII Coordinator.

2.0 REFERENCES

- Seattle City Light (City Light). 2017a. 2017 Supporting Technical Information Document, Skagit River Project, Gorge Development. Prepared by HDR Engineering, Inc. December 2017.
- _____. 2017b. 2017 Supporting Technical Information Document, Skagit River Project, Diablo Development. Prepared by HDR Engineering, Inc. December 2017.
- _____. 2017c. 2017 Supporting Technical Information Document, Skagit River Project, Ross Development. Prepared by HDR Engineering, Inc. December 2017.

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APPENDIX A

PROPOSED FACILITY DESIGN DRAWINGS

NOTE: Per guidance from the Federal Energy Regulatory Commission (FERC), project facility design drawings contain Critical Energy Infrastructure Information (CEII) and have therefore, been omitted from general distribution in the Final License Application. This information has been filed with FERC with a CEII designation. Procedures for obtaining access to CEII may be found at 18 Code of Federal Regulations (CFR) § 388.113. Requests for access to CEII should be made to the Commission's CEII coordinator.