

152 FERC ¶ 62,042  
UNITED STATES OF AMERICA  
FEDERAL ENERGY REGULATORY COMMISSION

Mahoning Creek Hydroelectric Company, LLC

Project No. 12555-017

ORDER APPROVING AS-BUILT EXHIBITS A, F, and G

(Issued July 21, 2015)

1. On March 30, 2015, Mahoning Creek Hydroelectric Company, LLC, licensee for the Mahoning Creek Project No. 12555, filed as-built Exhibits A, F and G as required by Article 310 of the license.<sup>1</sup> The project is located on the U.S. Army Corps of Engineers' Mahoning Dam on Mahoning Creek in Armstrong County, Pennsylvania.

**Background**

2. Following completion of project construction, license Article 310 requires the licensee to file revised Exhibits A, F, and G to describe and show the project facilities as built. The Article also requires the licensee to include the fishing pier and access ramp within the project boundary as shown on the as-built Exhibit G drawings.

**Licensee's Filing**

3. In its March 30, 2015 filing, the licensee included an as-built Exhibit A, seven as-built Exhibit F drawings, and four as-built Exhibit G drawings. The exhibit A adequately describes the constructed project and should be approved. The drawings show the as-built project including the fishing pier and access ramp within the project boundary. We have reviewed the licensee's as-built Exhibit F and G drawings and determined that they conform to the Commission's regulations and should be approved. In ordering paragraph (C) we are requiring the licensee to file the exhibit drawings in electronic format. Because the licensee's as-built Exhibit F drawings do not follow the same exhibit number convention used for the original Exhibit F drawings, we will re-order the exhibit numbers for the entire set of Exhibit F drawings.

**The Director orders:**

(A) The Exhibit A, filed on March 30, 2015, superseding the previous Exhibit A, is approved and made part of the license.

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<sup>1</sup> *Mahoning Creek Hydroelectric Company, LLC*, 134 FERC ¶ 62,202 (2011).

(B) The following exhibit drawings, filed on March 30, 2015 for the Mahoning Creek Project, conform to the Commission's rules and regulations, and are approved and made part of the license, as labeled and numbered below. The superseded drawings are deleted from the license.

EXHIBIT	FERC DRAWING No.	SUPERSEDED FERC DRAWING No.	FERC DRAWING TITLE
F-1	P-12555-9	P-12555-1	Site Plan
F-2	P-12555-10	P-12555-5	Intake, Trash Rack, and Typical Section
F-3	P-12555-11	---	Valve Vault
F-4	P-12555-12	---	Penstock Soldier Pile Wall
F-5	P-12555-13	P-12555-4	Powerhouse Sections
F-6	P-12555-14	P-12555-3	Powerhouse Plan
F-7	P-12555-15	P-12555-2	Tailrace Soldier Pile Wall
G-1	P-12555-16	P-12555-6	Project Boundary
G-2	P-12555-17	P-12555-7	Project Boundary
G-3	P-12555-18	P-12555-8	Project Boundary
G-4	P-12555-19	---	Project Boundary

(C) Within 45 days of the date of issuance of this order, as directed below, the licensee must file two sets of the approved exhibit drawings, Form FERC-587, and GIS data in electronic file format on compact disc with the Secretary of the Commission, ATTN: OEP/DHAC.

a) Digital images of the approved exhibit drawing must be prepared in electronic format. Prior to preparing each digital image, the FERC Project-Drawing Number (i.e., P-12555-9, etc.) must be shown in the margin below the title block of the approved drawing. Exhibit F drawings must be identified as **Critical Energy Infrastructure Information (CEII) material under 18 CFR §388.113(c)**. Each drawing must be a separate electronic file, and the file name must include: FERC Project-Drawing Number, FERC Exhibit, Drawing Title, date of this order, and file extension in the following format [P-12555-9, F-1, Site Plan, MM-DD-YYYY.TIF].

Each Exhibit G drawing that includes the project boundary must contain a minimum of three known reference points (i.e., latitude and longitude coordinates, or state plane coordinates). The points must be arranged in a triangular format for GIS georeferencing

the project boundary drawing to the polygon data, and must be based on a standard map coordinate system. The spatial reference for the drawing (i.e., map projection, map datum, and units of measurement) must be identified on the drawing and each reference point must be labeled. In addition, a registered land surveyor must stamp each project boundary drawing. All digital images of the exhibit drawings must meet the following format specification:

IMAGERY - black & white raster file  
FILE TYPE – Tagged Image File Format, (TIFF)  
CCITT T.6 (CCITT Group 4 fax encoding)  
RESOLUTION – 300 dpi desired, (200 dpi min)  
DRAWING SIZE FORMAT – 22” x 34” (min), 24” x 36” (max)  
FILE SIZE – less than 1 MB desired

A third set and a copy of Form FERC-587 must be filed with the Bureau of Land Management office at the following address:

Bureau of Land Management  
Branch of Lands (ES-930)  
7450 Boston Blvd.  
Springfield, VA 22153

Form FERC-587 is available through the Commission’s website at the following URL: <http://www.ferc.gov/docs-filing/forms/form-587/form-587.pdf>. Although instruction no. 3 requires microfilm copies of the project boundary maps in aperture card format, electronic copies that meet the digital specifications in this ordering paragraph should be substituted. If the FERC-587 cannot be downloaded from the Internet, a hard copy may be obtained by mailing a request to the Secretary of the Commission.

b) Project boundary GIS data must be in a georeferenced electronic file format (such as ArcView shape files, GeoMedia files, MapInfo files, or a similar GIS format). The filing must include both polygon data and all reference points shown on the individual project boundary drawings. An electronic boundary polygon data file(s) is required for each project development. Depending on the electronic file format, the polygon and point data can be included in single files with multiple layers. The georeferenced electronic boundary data file must be positionally accurate to  $\pm 40$  feet in order to comply with National Map Accuracy Standards for maps at a 1:24,000 scale. The file name(s) must include: FERC Project Number, data description, date of this license, and file extension in the following format [P-12555, boundary polygon/or point data, MM-DD-YYYY.SHP]. The filing must be accompanied by a separate text file describing the spatial reference for the georeferenced data: map projection used (i.e., UTM, State Plane, Decimal Degrees, etc.), the map datum (i.e., North American 27, North American 83, etc.), and the units of measurement (i.e., feet, meters, miles, etc.). The text file name must

include: FERC Project Number, data description, date of this order, and file extension in the following format [P-12555, project boundary metadata, MM-DD-YYYY.TXT].

In addition, for those projects that occupy federal lands, a separate georeferenced polygon file(s) is required that identifies transmission line acreage and non-transmission line acreage affecting federal lands for the purpose of meeting the requirements of 18 CFR §11.2. The file(s) must also identify each federal owner (e.g., BLM, USFS, Corps of Engineers, etc.), land identification (e.g., forest name, Section 24 lands, national park name, etc.), and federal acreage affected by the project boundary. Depending on the georeferenced electronic file format, the polygon, point, and federal lands data can be included in a single file with multiple layers.

(D) This order constitutes final agency action. Any party may file a request for rehearing of this order within 30 days from the date of its issuance, as provided in section 313(a) of the Federal Power Act, 16 U.S.C. § 825*l* (2012), and the Commission's regulations at 18 C.F.R. § 385.713 (2014). The filing of a request for rehearing does not operate as a stay of the effective date of this order, or of any other date specified in this order. The licensee's failure to file a request for rehearing shall constitute acceptance of this order.

Kelly Houff  
Chief, Engineering Resources Branch  
Division of Hydropower Administration  
and Compliance