



SUSQUEHANNA RIVER BASIN COMMISSION

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Web <http://www.srbc.net>

Consumptive Use Application Summary

Source Name: Rock Springs Generation Facility

SRBC Pending No.: 2025-084

This summary is only a portion of the application materials and is meant to provide general information about the proposed project.

1.0 General

This section requests pertinent information related to the consumptive use, and if applicable, out-of-basin diversion application(s) that are being requested.

1.1 Project Sponsor

Company Name: Rock Springs Generation Facility

Mailing Address Line 1: 1423 Rock Springs Rd.

Mailing Address Line 2:

City: Rising Sun

State: MD

ZIP Code: 21911

Contact Person:

First Name: Clifford

Last Name: Chew

Title: General Manager

Telephone: 215 539-3143

Fax:

Mobile:

E-mail: cliffordchew@cogentrix.com

1.4 Requested Consumptive Use Quantity(ies):

The consumptive use should be entered in million gallons per day (mgd) and rounded up to the nearest one thousand gallons (three decimal places). For multiple sources, provide the total quantity for existing and proposed consumptive use, as applicable.

1.4.1 Projected Design Year:

2040

1.4.2 Existing Consumptive Use Quantity

0.262(mgd) Peak-day 30-day average

1.4.3 Requested Consumptive Use Quantity

0.262(mgd) Peak-day 30-day average

2.4 Facility Location

Please enter the address of the parcel where the Project Facility is located.

2.4.1 Facility Address

Street Address: 1423 Rock Springs Rd.

State: MD

County: Cecil

Municipality: Rising Sun District

Zip Code: 21911



Essential Power Rock Springs, LLC

1423 Rock Springs Road
Rising Sun, MD 21911
410-423-4245

May 8, 2025

Essential Power Rock Springs, LLC
1423 Rock Springs Rd.
Rising Sun, Md. 21911

SRBC Docket 20001203-3
Approval Date: December 14, 2000
Expiration Date: December 14, 2025

2.1 Project Facility Description

Description of the project:

Rock Springs Generation Facility (Rock Springs) is an existing electric generating facility with SRBC Docket No. 20001203-3. Essential Power Rock Springs, LLC is the anticipated long-term owner of the facility.

Rock Springs began commercial operations in November 2002. The facility is owned by Essential Power, LLC (EP) and consists of four air-cooled combustion turbines having a combined maximum electrical generating capacity of 750 Megawatts. Rock Springs is located north of the community of Rock Springs in northwestern Cecil County, Maryland. It is bound on the east by U.S. Highway 222, on the north by the Maryland and Pennsylvania border (the Mason-Dixon Line), on the south by Old Mill Road and on the west by Wildcat Point Generation Facility (Wildcat Point) and woods and farmland owned by local individuals. Natural gas is used to generate electricity. Water is used at the facility for the service water system, evaporative cooling, fire water system, demineralizer makeup, and the potable/sanitary system. Wastewater from Rock Springs will be sent to the Wildcat Point where the wastewater will be treated and discharged to the Susquehanna River in accordance with their Pennsylvania Department of Environment (DEP) National Pollutant Discharge Elimination System (NPDES) permit.

Description of all sources, consumptive uses and diversions:

The source of service water will be from Wildcat Point (Commission Docket No. 20140308) and potable water will be supplied from an on-site well. There will be no diversions of water and no significant changes in operations are anticipated.