



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Mike Braun
Governor

Clint Woods
Commissioner

NOTICE OF 30-DAY PERIOD FOR PUBLIC COMMENT

Preliminary Findings Regarding a
Significant Modification to a
Part 70 Operating Permit

for Maple Creek Energy LLC in Sullivan County

Significant Source Modification No.: 153-49550-00056
Significant Permit Modification No.: 153-50217-00056

The Indiana Department of Environmental Management (IDEM) has received an application from Maple Creek Energy LLC, located at W CR 1040 N .5 MI S & SR 63 .4 MI W, Fairbanks, Indiana 47849, for a significant modification of its Part 70 Operating Permit issued on June 19, 2023. If approved by IDEM's Office of Air Quality (OAQ), this proposed modification would allow Maple Creek Energy LLC to make certain changes at its existing source. The Part 70 Operating Permit No. T153-45909-00056 issued to Maple Creek Energy LLC on June 19, 2023 contained the requirements and details for two possible options of a turbine to be installed (only one of which would be constructed). The Permittee has determined the turbine they would like to install and therefore have requested to remove all requirements and references to the unselected unit. Additionally, Maple Creek Energy LLC has requested to revise PM, PM10, and PM2.5 emissions limits as a result of updated emissions data provided by the turbine manufacturer. As the units granted permission to construct in Part 70 Operating Permit No. T153-45909-00056 have not been built, these units will require reapproval to construct.

The following is a list of the new and modified emission units and pollution control devices:

- (a) One (1) natural gas-fired combined cycle system, identified as CTG-01, approved in 2026 for construction, with a maximum heat input capacity of 4,200 MMBtu per hour, equipped with a GE combustion turbine generator (CTG) exhausting to a heat recovery steam generator (HRSG) which will feed steam to one steam turbine generator (STG) and one air-cooled condenser (ACC), using dry-low-NOx (DLN) combustors and selective catalytic reduction (SCR) for control of NOx emissions, and an oxidation catalyst as VOC and CO control, and exhausting to stack CTG with continuous emissions monitors for NOx and CO.

Under 40 CFR 60, Subpart KKKK, CTG-01 was constructed after February 18, 2005, has a maximum heat input capacity of greater than 10 MMBtu/hr, and is a stationary combustion turbine (CTG).

Under 40 CFR 60, Subpart TTTTa, CTG-01 was constructed after May 23, 2023, has a base load rating greater than 250 MMBtu/hr of fossil fuel, and serves a generator or generators capable of selling greater than 25 MW of electricity to a utility power distribution system, and is an affected unit.

Ancillary Equipment:

- (b) One (1) natural gas-fired auxiliary boiler, identified as AUX, equipped with ultra-low-NOx burners, approved in 2026 for construction, with a rated maximum heat input capacity of 96 MMBtu per hour, and exhausting to stack AUX.

Visit on.IN.gov/survey or scan the QR code to provide feedback.

We appreciate your input!



Under 40 CFR 60, Subpart Dc, AUX was constructed after June 9, 1989, has a maximum design heat input capacity of less than 100 MMBtu/hr, but greater than 10 MMBtu/hr, and is considered a small steam generating unit.

- (c) One (1) diesel-fired emergency generator using ultra-low-sulfur-distillate (ULSD), identified as EG, approved in 2026 for construction, with a maximum output rating of 2,012 horsepower (hp) and exhausting to stack EG.

Under 40 CFR 60, Subpart IIII, EG is considered a 2026 model year diesel-fired emergency stationary compression ignition (CI) internal combustion engine (ICE), that commenced construction after July 11, 2005, was manufactured after April 1, 2006, and is not a fire pump engine.

Under 40 CFR 63, Subpart ZZZZ, EG was constructed after June 12, 2006, and is considered a new emergency stationary reciprocating internal combustion engine (RICE) at an area source of HAPs.

- (d) One (1) diesel-fired emergency fire pump engine using ultra-low-sulfur-distillate (ULSD), identified as FP, approved in 2026 for construction, with a maximum output rating of 420 horsepower (hp), and exhausting to stack FP.

Under 40 CFR 60, Subpart IIII, FP is considered a 2026 model year diesel-fired emergency stationary compression ignition (CI) internal combustion engine (ICE), that commenced construction after July 11, 2005, and was manufactured as a certified National Fire Protection Association (NFPA) fire pump engine after July 1, 2006.

Under 40 CFR 63, Subpart ZZZZ, FP was constructed after June 12, 2006, and is considered a new emergency stationary reciprocating internal combustion engine (RICE) at an area source of HAPs.

The applicant intends to construct and operate new equipment that will emit air pollutants; therefore, the permit contains new or different permit conditions. In addition, some conditions from previously issued permits/approvals have been corrected, changed, or removed. These corrections, changes, and removals may include Title I changes (e.g., changes that add or modify synthetic minor emission limits). IDEM has reviewed this application and has developed preliminary findings, consisting of a draft permit and several supporting documents, which would allow the applicant to make this change.

A copy of the permit application and IDEM's preliminary findings have been sent to:

Sullivan County Public Library - Shelburn Public Library
17 W Griffin St
Shelburn, IN 47879

A copy of the preliminary findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>.

A copy of the application and preliminary findings is also available via IDEM's Virtual File Cabinet (VFC) located at <https://www.in.gov/idem/legal/public-records/virtual-file-cabinet/>. Once you have accessed VFC, you will then have the option to search for source related documents using a variety of criteria. To find documents related to this air permit, click on "Advanced Search", specify "OAQ" in the Program search field, specify the five-digit permit number "50217" or the five-digit source modification number "49550" in the Permit # search field, then click the Search button at the top or bottom of the webpage.

How can you participate in this process?

This notice is posted on IDEM's website (<https://www.in.gov/idem/public-notices/>). The date that this notice is posted on IDEM's website marks the beginning of a 30-day public comment period. If the 30th day of the comment period falls on a day when IDEM offices are closed for business, all comments must be postmarked or delivered in person on the next business day that IDEM is open.

You may request that IDEM hold a public hearing about this draft permit. If adverse comments concerning the **air pollution impact** of this draft permit are received, with a request for a public hearing, IDEM will decide whether or not to hold a public hearing. IDEM could also decide to hold a public meeting instead of, or in addition to, a public hearing. If IDEM decides to conduct a public hearing and/or public meeting, IDEM will post a separate announcement of the date, time, and location of that public hearing and/or public meeting on IDEM's website (<https://www.in.gov/idem/public-notices/>). At a hearing, you would have an opportunity to submit written comments and make verbal comments. At a meeting, you would have an opportunity to submit written comments, ask questions, and discuss any air pollution concerns with IDEM staff.

Comments and supporting documentation, or a request for a public hearing should be sent in writing to IDEM at the address below. If you comment via e-mail, please include your full U.S. mailing address so that you can be added to IDEM's mailing list to receive notice of future action related to this permit. If you do not want to comment at this time, but would like to receive notice of future action related to this permit application, please contact IDEM at the address below. Please refer to permit number SPM 153-50217-00056 and SSM 153-49550-00056 in all correspondence.

Comments should be sent to:

Tamera Wessel
IDEM, Office of Air Quality
Indiana Government Center North
100 North Senate Avenue, Room 13W
Indianapolis, Indiana 46204-2251
(800) 451-6027, ask for Tamera Wessel
Or dial directly: (317) 234-8530
Fax: (317) 232-6749 attn: Tamera Wessel
E-mail: twessel@idem.IN.gov

All comments will be considered by IDEM when we make a decision to issue or deny the permit. Comments that are most likely to affect final permit decisions are those based on the rules and laws governing this permitting process (326 IAC 2), air quality issues, and technical issues. IDEM does not have legal authority to regulate zoning, odor, or noise. For such issues, please contact your local officials.

For additional information about air permits and how the public and interested parties can participate, refer to the IDEM Air Permits page on the Internet at: <https://www.in.gov/idem/airpermit/public-participation/>; and the Citizens' Guide to IDEM on the Internet at: <https://www.in.gov/idem/resources/citizens-guide-to-idem/>.

What will happen after IDEM makes a decision?

Following the end of the public comment period, IDEM will issue a Notice of Decision stating whether the permit has been issued or denied. If the permit is issued, it may be different than the draft permit because of comments that were received during the public comment period. If comments are received during the public notice period, the final decision will include a document that summarizes the comments and IDEM's response to those comments. If you have submitted comments or have asked to be added to the mailing list, you will receive a Notice of the Decision. The notice will provide details on how you may appeal IDEM's decision, if you disagree with that decision. The final decision will also be available on the Internet at the addresses indicated above and will also be sent to the local library indicated above.

If you have any questions, please contact Tamera Wessel of my staff at the above address.



Heath Hartley, Section Chief
Permits Branch
Office of Air Quality