

Request for Information – Duke Energy Indiana

Introduction of Request for Information (RFI)

Duke Energy Indiana (“DEI”) is issuing an (RFI) notice soliciting interest from the marketplace regarding All-Source resource “indicative” responses (“response”) to further diversify its portfolio over the coming years.

DEI is beginning work on its next Indiana Integrated Resource Plan (“IRP”), a road map the company updates every three years to show how it will meet customers’ energy needs using a diverse mix of power generation resources. The company’s goal is reliable and increasingly clean electricity while keeping costs for customers as low as possible.

The latest filed IRP for DEI can be found at the following link: [DEI IRP](#).

This is not a Request for Proposals (“RFP”) or solicitation for formal proposals. Information obtained through this RFI will be utilized as a basis for future IRP and future RFP’s to the marketplace.

DEI is interested in assessing the current availabilities in the marketplace to provide the following:

- Renewable Energy Generation
- Distributed Energy Resources (“DER”) including storage
- Traditional generation
- A combination of any of these alternatives

Expressions of interest may assume the following contract structures; Purchase Power Agreement (“PPA”) assuming terms of varying durations, Build-Own-Transfer (“BOT”)/Asset Purchase (“AP”).

This RFI does not constitute a commitment that DEI will take action in this matter, nor will DEI be responsible for costs incurred in responding to this RFI with a response.

Responses should be from resources that qualify as a Midcontinent Independent System Operator, Inc. (“MISO”) internal resource with physical deliverability utilizing Network Resource Integration Service (“NRIS”) to MISO Local Resource Zone 6. There is a preference for resources located in MISO Zone 6.

Responses may be from existing generating resources or from proposed resources that have a Commercial Operation Date (“COD”) no earlier than June 1, 2022 and no later than June 1, 2026. Responses for existing resources must not be held under a PPA with another entity during the term submitted in the response.

Categories of responses requested for this RFI are defined as the following:

- Renewable Energy Generation – Response should include all capacity, energy, environmental attributes such as Renewable Energy Credits (RECs), and other generation-related services. For purposes of this RFI, “renewable energy” means electrical power generated by solar, wind, biomass, or other commercially viable renewable energy technologies.
- DER – Electrical generation and storage performed by a variety of, grid connected devices. Systems are decentralized, modular, and more flexible technologies, typically use renewable energy sources. A grid connected device for electricity storage falls within this category.

- Traditional Generation – Electricity generated from fossil fuels (coal, natural gas, and petroleum), or nuclear energy.

Responses to this RFI should be submitted via the PowerAdvocate Platform no later than March 22, 2021. Note the information below that details instructions on gaining access to this PowerAdvocate Event.

Response Submittal Components

Responses submitted should supply, at a minimum, the following information.

A cover letter summarizing response(s) including;

- Project type and technical characteristics; new or existing
- Project site location (must be in the Service Territory of DEI or in MISO Zone 6 or firm deliverability into the DEI service territory or Zone 6)
- Proposed COD of project
- Pricing and quantity in megawatts (expected capacity, annual energy). All pricing should reflect costs (to the extent applicable) at the time of the submittal and should include costs of interconnection to the electrical system.
- Statement on current interconnection status (if any), and anticipated extent of need for transmission system upgrades.
- Responses must demonstrate an anticipated ability to obtain all required state/local preconstruction approvals and any associated risks to meet the proposed COD.
- Confirmation that resource qualifies as a MISO internal resource with physical deliverability utilizing NRIS to MISO Local Resource Zone 6
- Level of experience in developing or operating proposed resource

Please note that the forms included with this RFI should be populated and returned with response(s). Forms should be completed for each project response submitted.

- Forms available for completion depending on product being offered:
 - Dispatchable Resources; PPA – Dispatchable Form
 - Renewable Generation; PPA – Renewable Form
 - Build – Own – Transfer/ Asset Purchase; BOT_AP Form

An executed CA must be submitted with the response in the form as posted in the PowerAdvocate event. After reviewing responses, DEI may request additional information from respondents to this RFI.

Submittal Responses – PowerAdvocate Instructions

Platform Access to Upload RFI Response

PowerAdvocate will be used for the administration of this RFI. PowerAdvocate will provide information and instructions for respondents should there be any questions regarding this RFI. All questions should be handled within this platform. PowerAdvocate is a web-based platform that provides centralization of responses and communications while maintaining confidentiality among respondents.

Respondents must submit their response to PowerAdvocate Event #112355 on or before 5:00 pm EST on March 22, 2021.

Existing PowerAdvocate Supplier Account:

- Please share your interest in submitting a response to, Event # 112355 with, INDRFI@duke-energy.com . Your email should include your PowerAdvocate Supplier Account name and related contact name as listed under your Supplier Account. An invitation to the PowerAdvocate Event will be forwarded upon receipt of your email.

Register a New PowerAdvocate Supplier Account:

- For respondents that require a new PowerAdvocate Supplier Account, please visit www.PowerAdvocate.com, click on “Registration” link at the top right hand corner of the screen, and follow the instruction to complete registration as a Supplier for Event # 112355: Duke Energy Indiana – RFI 2021. Please allow at least **one (1)** business day for your registration to be completed. Once PowerAdvocate has accepted your registration, please share your interest in reviewing the RFI via an email to INDRFI@duke-energy.com . An invitation to the PowerAdvocate Event will be forwarded upon receipt of your email.

All communications and responses will be shared within the PowerAdvocate Messaging function.

About Duke Energy Indiana

Duke Energy Indiana is Indiana’s largest electric utility serving approximately 820,000 electric customers in 69 of Indiana’s 92 counties covering North Central, Central, and Southern Indiana. Its service area spans 23,000 square miles and includes Bloomington, Terre Haute, Lafayette, and suburban areas near Indianapolis, Louisville and Cincinnati. Bringing power to our customers through 3,064 miles of transmission lines.

Duke Energy Indiana is a member of Midcontinent Independent System Operators (MISO) and is subject to the overview and coordination mechanisms of MISO.

Current DEI Portfolio

The total installed net summer generation capability owned or purchased by Duke Energy Indiana is currently 6,630 MW. This capacity consists of 4,097 MW of coal-fired steam capacity, 595 MW of syngas/natural gas combined cycle capacity, 264 MW of natural gas-fired CC capacity, 45 MW of hydroelectric capacity, 1,585 MW of natural gas-fired peaking capacity, 10 MW of oil fired peaking capacity and 17 MW (8.5 MW contribution to peak) of owned solar photovoltaic (PV) capacity. Also included are power purchase agreements with Benton County Wind Farm (100 MW, with a 13 MW contribution to peak) and five solar facilities totaling 24MW with a 12 MW contribution to peak. The coal-fired steam capacity consists of 9 units at three stations (Gibson, Cayuga, and Gallagher). The syngas/natural combined cycle capacity is comprised of two syngas/natural gas-fired combustion turbines and one steam turbine at the Edwardsport Integrated Gasification Combined Cycle (IGCC) station. The CC capacity consists of a single unit comprised of three natural gas-fired combustion turbines and two steam turbines at the Noblesville Station. The hydroelectric generation is a run-of-river facility comprised of three units at Markland on the Ohio River. The peaking capacity consists of 24 natural gas fired CTs at five stations (Cayuga, Henry County, Madison, Vermillion, and Wheatland). One of these natural gas-fired units has oil back-up. Duke Energy Indiana also provides steam service to one industrial customer from Cayuga, which reduces Duke Energy Indiana’s net capability to serve electric load by approximately 20 MW. The solar capacity consists of a 17 MW fixed-tilt PV plant located at the

Naval Station in Crane, Indiana as well as power purchase agreements with four 5 MW fixed-tilt PV facilities located near Brazil, West Terre Haute, Kokomo and Sullivan, Indiana and a 4 MW fixed-tilt PV facility near Staunton, Indiana.

Notes on RFI

In responding to this RFI, the Respondent agrees and accepts that nothing contained in this RFI will be construed to require or obligate DEI to select any proposal or limit the ability of DEI to reject all proposals in its sole and exclusive discretion. DEI further reserves the right to modify the schedule or withdraw and terminate this RFI at any time. Respondent shall indemnify and hold harmless DEI from any and all liabilities. DEI reserves the right to consider alternatives outside of this solicitation. Nothing in this RFI will affect or limit DEI's discretion and/or obligation to enter into any agreement with any other entity or to otherwise pursue any other arrangement with any party.

All proposals submitted to DEI pursuant to this RFI shall become the exclusive property of DEI and may be used for any reasonable purpose by DEI. DEI will consider materials provided by Respondent in response to this RFI to be confidential only if such materials are clearly designated as "Confidential" and covered by the confidentiality agreement entered into with DEI. Respondents should be aware that submittals, even if marked "Confidential," may be subject to discovery and disclosure in regulatory or judicial proceedings that may or may not be initiated by DEI. DEI will be permitted to disclose information in response to such requests or requirements without protective treatment, and DEI will be permitted to disclose information to regulators without protective treatment. DEI will be permitted to provide or produce materials and information without any prior consultation with or approval of the Respondent.