

**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

ELECTRONIC APPLICATION OF)	
DUKE ENERGY KENTUCKY, INC.)	Case No. 2023-00413
FOR AN ADJUSTMENT TO RIDER)	
NM RATES AND FOR TARIFF APPROVAL)	

INITIAL DATA REQUESTS OF THE ATTORNEY GENERAL

Comes now the Attorney General of the Commonwealth of Kentucky, by his Office of Rate Intervention (“Attorney General”), and submits these Data Requests to Duke Energy Kentucky, Inc. (hereinafter “Duke,” “DEK,” or “company”) to be answered by February 2, 2024, in accord with the following:

- (1) In each case where a request seeks data provided in response to a staff request, reference to the appropriate requested item will be deemed a satisfactory response.
- (2) Identify the witness who will be prepared to answer questions concerning each request.
- (3) Repeat the question to which each response is intended to refer.
- (4) These requests shall be deemed continuing so as to require further and supplemental responses if the companies receive or generate additional information within the scope of these requests between the time of the response and the time of any hearing conducted hereon.
- (5) Each response shall be answered under oath or, for representatives of a public or private corporation or a partnership or association, be accompanied by a signed

certification of the preparer or person supervising the preparation of the response on behalf of the entity that the response is true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry.

(6) If you believe any request appears confusing, please request clarification directly from undersigned Counsel.

(7) To the extent that the specific document, workpaper or information as requested does not exist, but a similar document, workpaper or information does exist, provide the similar document, workpaper, or information.

(8) To the extent that any request may be answered by way of a computer printout, please identify each variable contained in the printout which would not be self-evident to a person not familiar with the printout.

(9) If the company has objections to any request on the grounds that the requested information is proprietary in nature, or for any other reason, notify undersigned Counsel as soon as possible, and in accordance with Commission direction.

(10) As used herein, the words "document" or "documents" are to be construed broadly and shall mean the original of the same (and all non-identical copies or drafts thereof) and if the original is not available, the best copy available. These terms shall include all information recorded in any written, graphic or other tangible form and shall include, without limiting the generality of the foregoing, all reports; memoranda; books or notebooks; written or recorded statements, interviews, affidavits and depositions; all letters or correspondence; telegrams, cables and telex messages; contracts, leases, insurance policies or other

agreements; warnings and caution/hazard notices or labels; mechanical and electronic recordings and all information so stored, or transcripts of such recordings; calendars, appointment books, schedules, agendas and diary entries; notes or memoranda of conversations (telephonic or otherwise), meetings or conferences; legal pleadings and transcripts of legal proceedings; maps, models, charts, diagrams, graphs and other demonstrative materials; financial statements, annual reports, balance sheets and other accounting records; quotations or offers; bulletins, newsletters, pamphlets, brochures and all other similar publications; summaries or compilations of data; deeds, titles, or other instruments of ownership; blueprints and specifications; manuals, guidelines, regulations, procedures, policies and instructional materials of any type; photographs or pictures, film, microfilm and microfiche; videotapes; articles; announcements and notices of any type; surveys, studies, evaluations, tests and all research and development (R&D) materials; newspaper clippings and press releases; time cards, employee schedules or rosters, and other payroll records; cancelled checks, invoices, bills and receipts; and writings of any kind and all other tangible things upon which any handwriting, typing, printing, drawings, representations, graphic matter, magnetic or electrical impulses, or other forms of communication are recorded or produced, including audio and video recordings, computer stored information (whether or not in printout form), computer-readable media or other electronically maintained or transmitted information regardless of the media or format in which they are stored, and all other rough drafts, revised drafts

(including all handwritten notes or other marks on the same) and copies of documents as hereinbefore defined by whatever means made.

(11) For any document withheld on the basis of privilege, state the following: date; author; addressee; indicated or blind copies; all persons to whom distributed, shown, or explained; and, the nature and legal basis for the privilege asserted.

(12) In the event any document called for has been destroyed or transferred beyond the control of the company, please state: the identity of the person by whom it was destroyed or transferred, and the person authorizing the destruction or transfer; the time, place, and method of destruction or transfer; and, the reason(s) for its destruction or transfer. If destroyed or disposed of by operation of a retention policy, state the retention policy.

(13) Provide written responses, together with any and all exhibits pertaining thereto, in one or more bound volumes, separately indexed and tabbed by each response, in compliance with Kentucky Public Service Commission Regulations.

(14) "And" and "or" should be considered to be both conjunctive and disjunctive, unless specifically stated otherwise.

(15) "Each" and "any" should be considered to be both singular and plural, unless specifically stated otherwise.

Respectfully submitted,

RUSSELL COLEMAN
ATTORNEY GENERAL



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Certificate of Service and Filing

Pursuant to the Commission's Orders and in accord with all other applicable law, Counsel certifies that, on January 18, 2024, an electronic copy of the foregoing was served via the Commission's electronic filing system.

this 18th day of January, 2024

A handwritten signature in blue ink, appearing to read "J. Michael New". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Assistant Attorney General

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Data Requests

1. Please provide an illustration of the difference in the customer's total bill and any applicable excess generation credits during a single month between NM I and NM II for a residential customer on Rate RS using the following assumptions:
 - a. Customer's gross electric power usage during the month before any netting from the customer-generator of 2,000 kWh;
 - b. Monthly kWh generation of the customer-generator during the month 2,500 kWh;
 - c. Avoided Cost Excess Generation Credit (ACEGC) of \$0.057132.

In the illustration, include each charge and/or credit separately stated and described. Show the amounts for a customer on NM I and on NM II. To the extent that the Company requires additional assumptions to present the illustration, please identify the assumption and explain how it was calculated.

2. Please provide the same illustration as requested in Question (1) above except assume that the monthly kWh generation of the customer-generator during the month is 1,500 kWh.
3. Please provide a narrative explaining how transmission and distribution avoided capacity costs are developed for its DSM tariffs.
4. Please provide the supporting workpapers, including Excel workbooks with formulas, used to develop the following components of the ACEGC:
 - a. Generation capacity avoided cost
 - b. Transmission capacity avoided cost
 - c. Distribution capacity avoided cost
5. Please explain how DEK would estimate the impact of a 10 kW rooftop solar generator on the need for transmission capacity on the DEK system. If the Company does not believe that a 10 kW rooftop solar generator would change its future need for transmission facilities, provide an explanation for your belief.

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6. With regard to Mr. Sailer's testimony on page 19, what type of evidence would the Company require to support the inclusion of an avoided transmission capacity cost component in the ACEGC?

7. With regard to Mr. Sailer's testimony on page 20, what type of evidence would the Company require to support the inclusion of an avoided distribution capacity cost component in the ACEGC?

8. Please explain how DEK would estimate the impact of an 8 kW rooftop solar generator on the need for distribution capacity on the DEK system. Include in your response an identification of distribution facilities that could be avoided (e.g., primary lines, secondary lines). If the Company does not believe that an 8 kW rooftop solar generator would change its future need for distribution facilities, provide an explanation for your belief.