

# REQUEST FOR PROPOSALS

*All-Source Generation*



RFP Issue Date – April 17, 2020

Notice of Intent to Bid –April 24,2020

Proposals and Pro Forma Documents due – May 25, 2020

## 1. Scope of Request

Evergy, Inc. (Evergy) is issuing this Request for Proposals (RFP) to solicit offers from developers (Respondents) for expansion of Evergy's generation portfolio. Only projects evaluated as being most economically beneficial to our customers could potentially culminate in executed agreements. Projects are expected to attain Commercial Operation Date (COD) no later than Dec. 31, 2023. If the resource is a renewable source, the expectation is for a project that is eligible for either the Investment Tax Credit (ITC) for ownership options or the Production Tax Credit (PTC) for power purchase agreement (PPA) options. By responding, Respondents are bound by the terms and conditions of this RFP.

Evergy will accept for review viable proposals that are based on either or both of the following business structure options:

**Option #1 – Ownership based on Construction Services and Asset Purchase Agreements** This option requires Respondents to furnish Evergy with 100% ownership interest in a newly-constructed, fully interconnected generation facility.

**Option #2 – Power Purchase Agreement (PPA)** This option requires Respondents to furnish energy and any environmental attributes to Evergy under a PPA. A PPA proposal shall include:

1. Levelized energy prices or annual energy prices at a fixed rate per delivered MWh during the full term of the PPA
  - a. Delivered at the Interconnection Point
  - b. Delivered to WR\_WR in the SPP Market
  - c. Delivered to KCPL\_KCPL in the SPP Market
  - d. Delivered to MPS\_MPS in the SPP Market
2. Any additional fees or charges associated with the PPA

During the term of the PPA, the Respondent will own and operate the facilities and be responsible for all costs including development, land acquisition, permitting,

financing, and construction for the facilities. Respondent will also be responsible for all taxes, operating expenses, and maintenance expenses.

Respondents are welcome and encouraged to propose arrangements and options such as alternative financing, preferred maintenance agreements, sharing of commercial risks, or using Evergy owned land including, but not limited to, the now-retired Sibley, Gordon Evans, Murray Gill, Tecumseh and Montrose generation sites that could reduce the cost to Evergy and provide additional value to Evergy and its customers. Proposals for alternative CODs will be accepted for evaluation.

This RFP is open to any and all forms of energy resources. Summary details of this RFP are:

## **PRODUCT**

Generating resource, or resources, providing first-call physically delivered electrical energy, any associated environmental attributes (“renewable energy credits”), ancillary services, and capacity and located on a transmission facility owned by one of the members of the Southwest Power Pool (SPP) and incorporated in the SPP’s regional tariff. Evergy’s preference is that the proposed generation facilities be located in the State of Kansas or the State of Missouri, however, competitive bids from outside Kansas or Missouri will be evaluated and considered.

## **QUANTITY**

Preference will be given to projects with greater than 50 MW of nameplate capacity.

## **TERM (PPA)**

It is desired that the initial term of any PPA be for a minimum of ten (10) and up to thirty (30) year term following COD. Preference will be given to proposals providing Evergy with the right, but not the obligation, to (a) extend the initial term for an additional five (5) year period at a fixed price or price formula and/or (b) purchase the facility at a fair market value price at 10, 15, or 20 years following COD of the facility, at the expiration of the initial term, or at the expiration of any extended term.

The generating facility must be located on land controlled (owned or under long-term lease or easement) by the Respondent or Evergy-owned land. All land leases, easements, permits, and licenses are subject to Evergy approval and must be in adequate form and for an adequate term.

The generating facility and transmission interconnection must be designed and constructed with utility- grade equipment and practices and in conformance with all federal, state and local codes, standards and other applicable regulatory reliability agreements, procedures, protocols, tariffs and standards, including but not limited to Federal Energy Regulatory Commission (FERC), North American Electric Reliability Corporation (NERC), Southwest Power Pool (SPP), the Kansas Corporation

Commission (KCC), and the Missouri Public Service Commission (MPSC).

**Note:** Separate proposals must be provided for multiple project location responses.

## **2. Siting Guidelines for Power Projects**

It is Evergy's intention to adhere to all local, regional, state and federal guidelines with regards to the environmental use of the land. It is also Evergy's intent to consider additional environmental concerns raised by responsible parties with vested interest in the continued and future success of the state in which the project resides.

Helpful documents and tools for Respondents may be located at:

[http://kec.kansas.gov/reports/wind\\_siting\\_handbook.pdf](http://kec.kansas.gov/reports/wind_siting_handbook.pdf)

<http://nationalwind.org/research/publications/>

[https://www.fws.gov/ecological-services/es-library/pdfs/WEG\\_final.pdf](https://www.fws.gov/ecological-services/es-library/pdfs/WEG_final.pdf)

<http://www.wafwachat.org/>

<http://kars.ku.edu/maps/naturalresourceplanner/>

<http://kars.ku.edu/maps/sqpchat/>

## **3. RFP Communication**

The RFP, appendices, and any and all subsequent revisions are being shared globally. Your company is requested to promptly acknowledge receipt of this RFP by responding with a "Clean Energy Generation RFP - Intent to Respond" email. The individual identified in the email will be the contact point for responses to any questions submitted about or modifications made to this RFP.

All comments or questions regarding this RFP shall be submitted in writing via email to the Evergy Representative identified herein. All questions received will be responded to, the questions and answers will be provided to all RFP participants. Evergy will not accept questions or comments in any other form, except during the pre-bid conference.

All comments or questions shall be submitted in writing by May 1, 2020. Evergy will respond to all questions by May 8, 2020. Please be aware that your company is encouraged not to contact the Evergy Representative in person or by telephone.

Evergy Representative: Laura Becker

Email: [Evergy.CleanEnergyRFP@evergy.com](mailto:Evergy.CleanEnergyRFP@evergy.com)

### **Notice of Intent**

Respondents wishing to provide a proposal to this RFP should provide a NOI email by submitting the following information prior to the NOI deadline posted on the cover of this RFP.

### **Email Subject: Evergy Generation RFP - Intent to Respond**

**We acknowledge the due date and time of May 25, 2020. We hereby confirm our intent to submit a response.**

**Key contact with your company responsible for preparing your response:**

**Company:**

**Name:**

**Title:**

**Address:**

**Telephone #:**

**Email:**

### **Anticipated Proposal Details (those that apply to your project):**

- a. **Nameplate Capacity (MW):**
- b. **Proposed In-Service Date:**
- c. **Access point to fuel supply:**
- d. **Net Capacity Factor at Point of Delivery:**
- e. **Annual Expected Generation in MWh:**
- f. **Contract Term or Delivery Period:**

**Please complete and return via email to:**  
[Evergy.CleanEnergyRFP@evergy.com](mailto:Evergy.CleanEnergyRFP@evergy.com)

#### **4. RFP Schedule**

RFP Issue Date	April 17, 2020
Notice of Intent to Bid (NOI) Due	April 24, 2020, 5 PM CDT
Pre-Bid Conference Call	April 29, 2020, 10:30 AM, CDT
Question and Answer Period Closes (Questions must be received via email)	May 1, 2020, 5 PM CDT
Proposals Due (Proposals must be received on the email server)	May 25, 2020, 5 PM CDT
Identify Successful Bidder(s)	Q4 2020
Complete Negotiations	2021

The schedule and deadlines shown above apply to this RFP. Evergy reserves the right to revise the RFP and the RFP schedule at any time for any reason and/or not pursue any of the submitted projects.

#### **5. General Proposal Guidelines**

##### **5.1. Instructions for Submitting a NOI**

All Respondents must submit a Notice of Intent to Bid via email by 5 PM CDT, April 24, 2020. The Evergy Representative will reply to each Respondent with an email confirming receipt. Respondents who desire answers to all submitted questions must complete and submit a NOI email.

It is the responsibility of the Respondent to ensure receipt of the NOI by the Evergy contact. Voice telephone notices will not be acknowledged. Proposals received from

Respondents who have not made a timely submission of a complete NOI may not be considered

## **5.2. Instructions for Submitting a Proposal**

When submitting the proposal, Respondents should supply any additional information not requested in this RFP if such information may be needed for a thorough understanding or evaluation of the proposal. All responses will be considered commitments to be used in defining any agreement between Evergy and the Respondent that may arise from this RFP. A Respondent may submit one or more proposals, which may be alternatives to each other. Bidders should clearly indicate to what extent, if any, proposals are interrelated or mutually exclusive of each other.

A .pdf of the proposal, signed by a duly authorized officer of the Respondent, shall be emailed to the Evergy Representative along with electronic copies of any attachments. A secure file transfer service is available for files too large to be submitted via email. The secure file transfer site is located at <http://www.sendthisfile.com/westarenergy>. The [Evergy.CleanEnergyRFP@evergy.com](mailto:Evergy.CleanEnergyRFP@evergy.com) email address shall be used as the recipient when sending files through the secure site.

**Contractor Code of Business Conduct and Ethics Agreement** - Respondents shall adhere to all Evergy Code of Business Conduct and Ethics Agreements which are to be executed before moving forward with any potentially selected projects. Respondents not willing to adhere may be rejected.

All proposals must be received by Evergy no later than May 25, 2020, 5 PM CDT. Late proposals may not be accepted. Incomplete proposals may be summarily eliminated at the sole discretion of Evergy. Proposals will remain binding on Respondents through the completion of negotiations and contract execution.

All inquiries and other communications in any manner relating to this RFP must be submitted to the Evergy Representative via email. Evergy will reply to all questions



deemed to be of general interest by emailing all participants. Questions deemed not of general interest will be answered directly via email. Evergy expects to provide answers to questions within five (5) business days after receipt of the question, to the extent practicable. Unsolicited contact about the RFP process with other Evergy personnel, attorneys, or consultants retained by Evergy may result in disqualification from the RFP.

Complete information is needed to facilitate a timely evaluation. Evergy may request clarifying or additional information at any time during the evaluation process. Respondent will be expected to provide timely responses to facilitate the evaluation and decision-making process within the time constraints. Respondents must provide all data requested in the RFP and the applicable attachments. Evergy may eliminate non-specific offers from further consideration.

Proposals must reflect any and all costs that Evergy would be expected to pay for the power delivered to Evergy's System. If any portion of the total delivered cost of power is not intended to be clearly defined in the pricing outlined in the proposal, a detailed description of the proposed approach regarding that portion of cost must be clearly delineated in the proposal. Prices and dollar figures quoted must be clearly stated in U.S. dollars as nominal for the year in which they occur. For non-nominal prices, the appropriate year for the stated dollars must be identified along with the applicable escalation rates to be used for subsequent years.

Proposals shall include a schedule with all major milestones.

None of the materials timely received as part of a proposal will be returned. All materials and proposals submitted will become the property of Evergy and will be used by Evergy for proposal evaluation.

### **5.3 Confidentiality**

Evergy will take reasonable precautions and use reasonable efforts to protect any proprietary and confidential information contained in a proposal provided that such

information is clearly identified by Respondent as "Proprietary and Confidential" on the header section of the page on which proprietary and confidential information appears. Such information may be made available under applicable state or federal law to regulatory commission(s), their staff(s), or other governmental agencies having an interest in these matters. Evergy also reserves the right to release such information to its agents or contractors for the purpose of evaluating Respondent's proposal but such agents or contractors will be required to observe the same care with respect to disclosure as Evergy. Under no circumstances will Evergy or their agents or contractors, be liable for any damages resulting from any disclosure during or after the solicitation process.

Respondents are advised that proposals are likely to be the subject matter of discovery in regulatory proceedings. Discovery in these cases is routinely restricted by confidentiality agreements and standard protective orders issued by the regulatory agency.

Respondents are required to enter into a confidentiality agreement (CA) with Evergy in the form set forth in Attachment A. It is expected that Evergy and Respondents shall act in good faith in their dealings with each other with respect to this RFP and matters of confidentiality. The CA shall be executed prior to Evergy releasing any confidential information to a Respondent.

Respondents should email a copy of the signed CA to the Evergy Representative Laura Becker at [Evergy.CleanEnergyRFP@evergy.com](mailto:Evergy.CleanEnergyRFP@evergy.com) at the same time they submit their NOI.

#### **5.4. Minimum Credit Requirements**

Respondent or Guarantor of Respondent must be able to financially secure the project and contract. It is the responsibility of the Respondent and/or Guarantor of Respondent to demonstrate financial security to the satisfaction of Evergy. Evergy suggests that Respondent or Guarantor of Respondent possess a senior unsecured debt rating,

issued or reaffirmed within the past 12 months. The Respondent must be able to provide audited year-end financial statements for all specific entities proposing to contract with Evergy and any guarantor(s) within 90 days following the end of each fiscal year. The Respondent must be able to provide satisfactory performance assurances in the event Evergy believes that the Respondent may not be able to perform, or its creditworthiness has deteriorated. The Respondent must be willing to grant a present and continuing security interest in any performance assurances or cash equivalent collateral.

#### **5.5. Limitation of Liability**

Neither Evergy nor its employees, directors, shareholders, representatives, agents, contractors, or affiliate companies shall be liable for any expenses Respondents incur in connection with preparation of a response to this RFP or for any costs, fees, expenses, or lost or foregone profits of unsuccessful proposals. Evergy will not reimburse Respondents for their expenses under any circumstances, regardless of whether the RFP process proceeds to a successful conclusion or is abandoned by Evergy at its sole discretion.

#### **5.6. Transmission Requirements and Constraints**

A requirement of this RFP is that the proposed project interconnects on a transmission facility owned by a Southwest Power Pool (SPP) member and incorporated in the SPP's regional tariff. The SPP transmission system may have constraints that could substantially limit the amount of energy that can be transferred without the construction of additional transmission capacity. Respondent will be solely responsible for all transmission analysis associated with the initial bid submittals. Respondent must include transmission study costs in its proposal. The proposal that is ultimately selected must follow the Generator Interconnection Process as outlined in Section 9.0 of this RFP.

#### **5.7. Regulatory Provisions**

Any negotiated contract between Evergy and the Respondent will be conditioned upon approval or acceptance without substantial change by any and all regulatory authorities that have, or claim to have, jurisdiction over any or all of the subject matter of this

solicitation, including, without limitation, the KCC, the MPSC, and the Federal Energy Regulatory Commission.

A Respondent whose proposal is selected must take all necessary actions to satisfy any and all regulatory requirements including, but not limited to, all licenses and permits that may be imposed on the Respondent by any federal, state, or local law or ordinance, rule, or regulation concerning the resource siting, facility construction, and facility operation including the generation, sale, and delivery of the power. Evergy will cooperate with Respondent to provide information or such other assistance as may be reasonably necessary for Respondent to satisfy such regulatory requirements. Respondent must likewise fully support all of Evergy's regulatory requirements associated with this potential arrangement.

Under a power purchase agreement, the Respondent will be completely and solely responsible for obtaining and paying for any and all regulatory allowances, fees, or taxes that may be required for the resource siting, facility construction, and facility operation including the generation, sale, and delivery of the power for the entire term of the proposed contract and Respondent must include any such costs in its proposal.

#### **5.8. Environmental and Siting Requirements**

The Respondent is exclusively and entirely responsible for meeting and satisfying all federal, state, and local permits, licenses, approvals, and/or variances that are required to assure physical delivery of capacity and associated energy including transmission interconnection in accordance with any PPA, partnership, or other sale. Projects that provide advantageous, careful consideration of siting the facility and associated infrastructure, completed multi-year meteorological data and supporting studies, demonstrated community support, completed environmental analysis, completed archaeological analysis, and completed permitting will be viewed favorably in the selection process. Specifically, the Respondent shall address the following:

- Land Use
- Noise Management
- Natural and Biological Resources
- Visual Impact
- Soil Erosion and Water Quality
- Safety
- Cultural, Archaeological and Paleontological
- Socioeconomic, Public Service and Infrastructure
- Public Interaction

The Respondent shall provide information, including all pertinent wildlife evaluations/studies and consultation with appropriate wildlife resource agencies (i.e. U.S. Fish and Wildlife Service, Kansas Department of Wildlife, Parks, and Tourism, Oklahoma Dept. of Wildlife Conservation, etc.) documenting adherence to all known generation siting guidelines.

#### **5.9. Reservation of Rights**

Evergy will review and evaluate the Proposals and may negotiate with multiple Respondents which may lead to the development of one or more agreements. Evergy reserves the right, without qualification and in its sole discretion, to accept or reject any or all proposals for any reason without explanation to the Respondent, or to make an award to that Respondent, who, in the opinion of Evergy, will provide the most value to Evergy and its customers. Evergy will consider both price and non-price attributes in the evaluation of proposals (please see Section 6.0 – RFP Response Instructions). Evergy reserves the right to make an award to an offer other than the lowest price offer or to the proposal evidencing the greatest technical ability if Evergy determines that to do so would result in the greatest value to Evergy and its customers. Evergy may make an award of contract without further discussion at any time in the RFP process.

Evergy reserves the right to reject any, all, or portions of the proposals received for failure to meet any criteria set forth in this RFP. Evergy makes no guarantee that a

contract award will result from this RFP. Evergy may decline to enter into an arrangement with any or all Respondents or may revise or terminate the RFP process at any time. Evergy reserves the right to revise the capacity needs forecast at any point during the RFP process or during negotiations and any such change may reduce, eliminate, or increase the amount of capacity or power sought.

Evergy reserves the unilateral right to waive any technical or format requirements contained in the RFP. Evergy will review and may utilize all information, if any, submitted by a Respondent that is not specifically requested as a part of this RFP.

Those who submit proposals do so without recourse against Evergy for either rejection of their proposal or proposals or for failure to execute an agreement for any reason. All offers shall be valid and binding upon the Respondent through contract negotiations and contract execution.

#### **5.10 Reserved**

#### **5.11. Performance Assurances**

Evergy will rely on this RFP to meet electric needs of its customers with dependable and reliable electric service. As a result, it is desired that the resource be in commercial operation with a demonstrated operating availability of at least 90% during the week preceding the negotiated COD. Liquidated damages will be included in the negotiated agreement for failure to meet COD.

While Evergy recognizes that renewable generation is by its nature intermittent, Evergy believes that well-designed and well-maintained renewable generation equipment will provide reliable energy production on a long-term average basis. As a result, Evergy will favorably view proposals containing legally enforceable availability commitments which include liquidated damage provisions for a failure to meet such commitments.

#### **5.12 Local Supply**

If a proposed project is in either Kansas or Missouri, preference will be given to

Proposals that include the use of Kansas and/or Missouri suppliers, manufacturers, and contractors. Please indicate where those suppliers/contractors have been given the opportunity to bid in assembling the Proposal, and, where they have been successful. If a Kansas and/or Missouri supplier is included in a Proposal, please provide the company name. Discuss any other plans for developing local supply capability.

### **5.13 Diverse Supplier Participation**

Each Respondent shall submit a plan addressing how Respondent intends to work with Diverse Suppliers in performing the work under this RFP. "Diverse Suppliers" shall include businesses in the following categories: Small Business, Minority-Owned Business Enterprise, Woman-Owned Business Enterprise, Disabled Business Enterprise, Veteran Owned Business Enterprise, Disabled Veteran Owned Business Enterprise, Service-Disabled Veteran Business Enterprise, HUBZone Small Business, 8(a) and Small Disadvantaged Business. This is a mandatory requirement and must be addressed in each Respondent's Proposal.

Each Respondent is strongly encouraged to strive for at least ten percent (10%) Diverse Supplier participation on the total dollars spent in connection with the work covered by this RFP. Diverse Supplier participation will be used as a part of the overall evaluation of Proposals.

The participation can be as joint venture partner(s), supplier(s), subcontractor(s), or distributor(s), and as direct purchases. Certification as a Diverse Supplier is required to qualify. Recognized certification, includes, but is not limited to the following organizations:

- Mid-America Minority Business Development Council
- The City of Kansas City, Missouri
- State of Missouri
- State of Kansas
- US Small Business Administration
- Women Business Enterprise National Council (WBENC)

## **6.0 RFP Response Instructions**

### **6.1 Project Information**

In general, offers must contain adequate detail to allow Evergy to evaluate the merits and credibility of the proposed resources. Evergy anticipates comparing proposals from many different Respondents in order to select the successful Respondent(s). All offers submitted in response to this RFP must contain, at a minimum, the following (additional information requirements are outlined in Section 7 of this RFP):

1. Name of Company, Company address, and Company representative (name, phone number and email address).
2. Proposed unit name.
3. Type of offer
  - a. Description of offer to sell an ownership interest
  - b. Description of other offer(s).
4. Describe whether this capacity has been offered in another RFP or is in any other way obligated or may be obligated to others, and under what conditions the capacity would be released to serve the proposed sale to Evergy.
5. Project location (including latitude and longitude coordinates of the project boundary corners), the merits of selected site, proposed land rights for the project including associated facility rights-of-ways and easements, and all regulatory and permitting issues.
6. Description of the project including manufacturer, model numbers, and site layout showing the location of the facility(ies) and other associated facilities. Please indicate availability of the proposed model.



7. Description of how the Respondents proposal complies with any and all environmental rules and regulations. Please provide supporting documentation (e.g. resource reports / correspondence), as applicable.
8. Overall project and construction schedule (Include major milestones such as completion of permitting, financing, regulatory requirements, major construction, testing, on line date, easement acquisition, etc.). Please highlight any potential issues identified to date that may affect the proposed schedule.
9. Nameplate Capacity and Net Contract Capacity.
10. Annual expected output.
11. Operational characteristics including maintenance, delivery profile (peak and off-peak, hourly, daily, seasonal, annual), and curtail-ability. Documentation supporting delivery characteristics must be submitted.
12. Any hourly or short-term forecasting or other scheduling provisions that will assist the integration of the renewable energy into the Evergy system.
13. Meteorological and climate data pertinent to the proposed project site including a minimum of 36-month time-series meteorological data with at least one year being based on site specific data, as required per SPP Criteria 12.1.5.3.
14. Interconnection plan and costs including transmission availability and rights.
15. Reliability of proposed technology.
16. Pricing reflecting full cost of the project or, in the case of a Lease or PPA, the full

cost of the energy. Evergy expects PPA pricing to be calculated per delivered MWh for energy, levelized over the entire PPA term.

17. Contract term with delivery period starting from COD. (PPA)
18. Detailed description of any security or credit instruments proposed by the Respondent to back its performance obligation.
19. If the proposed project or transmission service have been independently reviewed by third- party consultants, the Respondent is encouraged to include a copy of the independent review with the proposal.
20. A list summarizing parts, sections and elements of the Proposal that is confidential or proprietary.
21. Description of facility curtailment capability and process.
22. Guaranteed Mechanical Availability (PPA).
23. Description of proposed O&M Contract (Evergy Ownership only).
24. Proposed communication and interface requirements for SCADA systems.

Respondents offering the same capacity and/or energy from one resource or project to multiple solicitations are hereby advised that, if Evergy notifies a Respondent that its offer is being short-listed, the short-listed Respondent is encouraged to withdraw the offer from all other solicitations or risk being removed from the short list.

## **6.2 Resource Data and Energy Forecasting**

Evergy will verify the reasonableness of the generation projections using the data requested in Section 8.0. When applicable, Evergy may request Respondents to provide additional energy forecast data for verification purposes such as wind turbine power curves utilized for wind-based proposals or relevant energy forecast data for other proposed fuel sources.

## **6.3. Company Information**

In addition to the project detail, please provide the following information for your company:

1. Corporate profile and Respondent's experience developing similar projects.
2. Other projects of a similar nature and technology developed by Respondent that are in operation.
3. Annual reports, Form 10Ks, and Form 8Ks (if filed) for the past 3 years. If these documents are not publicly available, then please provide the audited financial statements for the past 3 years.
4. It is the responsibility of the Respondent and Guarantor of Respondent to demonstrate financial security to the satisfaction of Evergy. Evergy suggests that the Respondent include the Dunn and Bradstreet identification number and credit rating of the Respondent's (or Respondent's Guarantor's) senior debt securities as well as the current credit ratings for the entity proposing to contract with Evergy and the parent company of that entity (i.e. S&P / Moody's / Fitch credit ratings). Additional documentation may be provided that allows Evergy to determine the Respondent's financial strength.

## **6.4 Production Tax Credits, Renewable Energy Credits, Grants, and Other Credits**

Respondents anticipating using subsidies, grants, Supplemental Energy Payments, Production Tax Credits (PTCs), Investment Tax Credits (ITCs), Sales Tax exemptions, or any other third-party monetary awards shall detail finances associated with monetary awards and discuss how such funding or lack of funding shall impact their offer.

Any and all environmental attributes associated with the Evergy share of a renewable resource shall be assigned to Evergy.

## 7.0 RFP Response Detail

In addition to the information requested in Section 6 of this RFP, please supply the following data with your proposal:

### Asset Purchase

1. Purchasing price including all fees and charges.
2. Expiration date of purchase price offer.
3. Ground lease information that will become Evergy's responsibility.
4. Agreements for facility station power, both during construction and operation.

### Power Purchase Agreement Option

1. Term.
2. PPA Term levelized energy charge or annual energy charge at a fixed escalated rate per delivered MWh.
  - a. Delivered at the Interconnection Point
  - b. Delivered to WR\_WR in the SPP Market
  - c. Delivered to KCPL\_KCPL in the SPP Market
  - d. Delivered to MPS\_MPS in the SPP Market
3. Any fixed or monthly charges.
4. Any other charges.
5. Estimated total charges.
6. Estimated total cost per year.
7. Estimated total monthly cost for every month of the contract term.
8. Estimated energy delivery by month for every month of the contract term.
9. Estimated peak delivery by month for every month of the contract term.
10. Wind only: Estimated hourly energy delivery profile for one year (P50, P90, and P99).

## **8.0 Detailed Resource Data Requirements**

In addition to the information requested in Section 6 of this RFP, please supply the following resource data with your proposal.

### **8.1. Wind or Solar Asset Information**

1. Make and model of technology
2. Detailed topographic map of project area with facility locations.
3. Proposed collection system routing and interconnection facilities location.
4. Turbine power curve utilized, and description of any adjustments made to the power curve (if applicable).
5. Description of methodology employed to calculate energy losses due to array effects (if applicable).
6. Clear breakdown of applied energy loss factors (if applicable).
7. Projected electrical collection system losses to the point of delivery (if applicable).
8. On-site hourly predicted energy output for the past 3 years based upon MET tower data (wind assets), proposed turbine power curve (wind assets), on-site solar irradiance data or site-specific nationally recognized external solar irradiance and temperature resources (solar assets), and annual loss factors.

### **8.2. Energy Storage Asset Information**

1. Storage technology and major components
2. Guaranteed storage capacity (MW) / storage energy (MWh)
3. Expected capacity degradation per year (% of MW)
4. Discharge rate (standby and shutdown)
5. Manufacturers operating specifications
6. Daily/Monthly/Annual cycle limitations
7. Daily/Monthly/Annual energy throughput limitations
8. Safety specifications

### **8.3. Fossil Fuel Asset Information**

1. Make and model of technology
2. Detailed topographic map of project area with facility locations
3. Minimum load level
4. Ramp rates (up and down)
5. Number of gas turbines that can be started simultaneously (if applicable);
6. Heat rate curve for normal operations (e.g., the coefficients of a fifth-order equation), including the no load and full load heat rates
7. Fuel consumption and heat rate during startup, including startup time and the total number of hours annually the facility can be assumed to be in startup mode
8. Fuel consumption and heat rate when the facility in shutdown status, including shutdown process duration time and the total number of hours annually the facility can be assumed to be in shutdown status
9. An estimation of the total number of hours annually that the facility operates at full load
10. Capacity decreases as a result of ambient temperature increases
11. Supplemental firing capacity, including black start capacity, and any operating limitations caused by such factors of design
12. Emission rates at relevant dispatch levels (startup, minimum, mid and full loading) and seasons (summer, winter, shoulder) for nitrogen oxides (“NO<sub>x</sub>”), sulfur dioxide (“SO<sub>2</sub>”), carbon dioxide (CO<sub>2</sub>), volatile organic compounds (“VOC”), particulate matter (“PM”) and carbon monoxide (“CO”) provided in lbs/MWh units
13. Any additional operational limitations that reduce unit availability or reduce a unit’s ability to dispatch or regulate

### **9.0 Transmission and Interconnection Requirements**

Respondent must provide the information that is necessary to understand and assess the transmission delivery path or paths and the impacts on the Southwest Power Pool system from the Respondent’s proposed generation facility or power supply

arrangements.

## **9.1 Resource Information Requirements**

Respondent must describe the specific delivery point on the SPP transmission system where each proposed generation resource is to deliver its output.

Proposal prices must reflect and explicitly identify any and all costs that Respondent expects Evergy to pay for power delivered to the SPP transmission system as outlined in this RFP.

Respondent will be responsible for paying for all charges and costs to interconnect the generating resources to the SPP transmission system. Transmission costs include, but are not limited to, generator step-up transformers, protective equipment, and any necessary transmission system upgrades or modifications.

Provide details of, and describe the interconnection and substation configuration, equipment (breakers, etc.) voltage levels and costs.

Provide a one-line diagram of the proposed interconnection and substation configuration.

New generation proposals will be evaluated for ability to meet all applicable NERC Reliability Standards and SPP Criteria including periodic generator testing. All associated costs are the responsibility of the Respondent.

Any new on-system generation must have automatic voltage control with at least  $\pm 95$  percent power factor capability.

Any renewable or storage facilities will be registered with SPP as a Dispatchable Variable Energy Resource as defined in Attachment AE of the SPP OATT and must be capable of operating with SPP or Evergy directed automatic remote curtailment capability. Provide a description of the proposed implementation for remote curtailment.



## **9.2 Transmission and Generation Interconnection Evaluation**

Evergy will use the following information, when evaluating transmission impacts of new SPP network resource additions proposed by respondents.

Two types of tariff agreements are necessary to incorporate new generation on the SPP transmission system. Both agreement processes are described in, and are available under, SPP's Open Access Transmission Tariff (OATT).

1. The first is the generation interconnection, which is the physical connection necessary to attach the new generation to the transmission network. All proposals are expected to have completed at least the DISIS analysis for the generation interconnection.
2. The second type is long-term transmission service, either Network or Point-to-Point, necessary to move generation over the transmission network from the generator to the designated load. Facility additions necessary to provide Network or Point-to-Point transmission service are generally referred to as network upgrades.

Proposal evaluation will consider the total transmission cost including both generation interconnection and network upgrades. Additionally, proposals that include an engineering and construction cost estimate meeting SPP transmission study standards for network upgrades will be viewed favorably. Transmission integration designs that enhance reliability will be given additional weight.

## **10.0 About Evergy**

Evergy, Inc. (NYSE: EVRG) serves approximately 1.6 million customers in Kansas and Missouri. We generate nearly half the power we provide to homes and businesses with emission-free sources. We support our local communities where we live and work and strive to meet the needs of our customers through energy savings and innovative solutions.