

Issue: Renewable Solutions Program
Witness: Mark Schuerman
Type of Exhibit: Surrebuttal Testimony
Sponsoring Parties: Missouri Industrial Energy Consumers
Case Nos.: EA-2022-0245
Date Testimony Prepared: January 18, 2023

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of the Application of Union Electric)
Company d/b/a Ameren Missouri for a)
Certificate of Convenience and Necessity for a) **Case No. EA-2022-0245**
Solar Facility, Approval of a Subscription-Based)
Renewable Energy Program, and Authorization)
to Establish Tracking Mechanism)
_____)

Surrebuttal Testimony and Schedule of

Mark Schuerman

On behalf of

The Missouri Industrial Energy Consumers

January 18, 2023

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Case No. EA-2022-0245

STATE OF MISSOURI)
)
COUNTY OF ST. LOUIS) **SS**

Affidavit of Mark Schuerman

Mark Schuerman, being first duly sworn, on his oath states:

1. My name is Mark Schuerman. I am the Global Product Supply Sustainability Lead with Bayer Crop Science, LLP and Bayer Research and Development Services LLC. My business address is 800 N. Lindbergh Blvd, St. Louis, MO 63167. I am providing this surrebuttal testimony on behalf of the Missouri Industrial Energy Consumers in this proceeding.

2. Attached hereto and made a part hereof for all purposes is my surrebuttal testimony which were prepared in written form for introduction into evidence in the Missouri Public Service Commission, Case No. EA-2022-0245.

3. I hereby swear and affirm that the testimony is true and correct to the best of my knowledge and belief.

Mark Schuerman

Subscribed and sworn to before me this ___ day of January, 2023.

Notary Public

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Surrebuttal Testimony of Mark Schuerman

1 **Q PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2 A My name is Mark Schuerman. My business address is 800 N. Lindbergh Blvd., St.
3 Louis, MO 63167.

4 **Q WHAT IS YOUR OCCUPATION?**

5 I am the Global Product Supply Sustainability Lead with Bayer Crop Science. Bayer
6 Crop Science LP and Bayer Research and Development Services LLC (both referred
7 to herein as “Bayer”) are customers of Ameren Missouri and subscribers to the Ameren
8 Renewable Solutions Program (“Ameren RSP”). Bayer is a life science company with
9 a more than 150-year history and core competencies in the areas of health care and
10 agriculture. With our innovative products, we are contributing to finding solutions to
11 some of the major challenges of our time. The growing and increasingly aging
12 population requires improved medical care and adequate supply of food. Bayer is
13 improving people’s quality of life by preventing, alleviating and treating diseases. And
14 we are helping to provide a reliable supply of high-quality food, feed and plant-based
15 raw materials.

16 **Q ON WHOSE BEHALF ARE YOU TESTIFYING IN THIS PROCEEDING?**

1 A I am testifying on behalf of the Missouri Industrial Energy Consumers (“MIEC”), a
2 Missouri nonprofit corporation that represents the interests of large energy and utility
3 customers.

4 **Q WHAT ISSUES DOES YOUR TESTIMONY ADDRESS?**

5 A My testimony addresses the importance of Ameren’s Renewable Solutions Program
6 (“Ameren RSP”) to Bayer’s sustainability efforts and targets.

7 **Q PLEASE EXPLAIN WHY THE AMEREN RSP IS IMPORTANT TO BAYER.**

8 A Bayer wants to be climate neutral by 2030. To accomplish this, we will implement
9 energy efficiency measures at our sites and, where possible, convert 100 percent of
10 the purchased electricity to renewable energies. Our targets are in line with the goal
11 of the Paris Agreement to limit global warming to 1.5 degrees Celsius. We have joined
12 the world’s leading Science Based Targets initiative, which transparently reviews our
13 reduction targets. This initiative was founded by the Carbon Disclosure Project (CDP),
14 the UN Global Compact, the World Resources Institute (WIR) and the World Wide Fund
15 for Nature (WWF).

16 Bayer has two important sites located in Ameren Missouri’s service territory. Due to
17 our considerable electricity demand as well as local regulation, Bayer has limited
18 available options to reach our sustainability targets for those two sites. One option
19 would be for us to invest in a solar project ourselves; however, we have limited capex
20 for infrastructure projects and would prefer to invest capex in our core business R&D
21 and production, allowing both Bayer and Ameren Missouri to concentrate on what each
22 does best. Another option would be through the purchase of market RECs, but this
23 would result in higher costs and lower sustainability benefits because it will not
24 production of additional renewable energy. For these reasons, our best option to

1 accomplish our sustainability targets in Missouri at this time would be to participate in
2 a program such as that proposed by Ameren Missouri.

3 A **DOES THIS CONCLUDE YOUR TESTIMONY?**

4 A Yes.