CAE-001

The United Illuminating Company **Witness: Katerina T. Miller**
John King

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CAE-001 Q:

Motion No. 6, May 15, 2026, Docket No. 25-08-04, Annual Shared Clean Energy Facility Program Review – Year 7, Att. B; Motion No. 7, June 18, 2026, Docket No. 25-08-04, Att. B. Explain how the EDCs calculate the expected annual production of Shared Clean Energy Facility (SCEF) Program projects, including the assumptions used. Justify the methodology and explain whether it continues to provide a reasonable estimate of actual annual production.

CAE-001 A:

As reflected in The United Illuminating Company's ("UI") Motion No. 07, Motion for Approval in Docket No. 25-08-03, Attachment B, the Expected Annual Production (kWh) for Shared Clean Energy Facility ("SCEF") is calculated using project-specific information provided by each Bidder as part of its SCEF Bid submittal, including the project's proposed AC Nameplate Capacity, capacity factor, and estimated annual production. In addition, each project is required to submit a Professional Engineer's Certification as part of the bid application. The Expected Annual Production is calculated using the following formula:

Expected Annual Production (kWh/year) = Facility Size (kW) x Capacity Factor x 8,760 hours/year

UI believes this methodology continues to provide a reasonable estimate of actual annual generation for purposes of Program administration, including budget forecasting, Subscriber allocation calculations, and project evaluation. However, the Expected Annual Production value is not used for the determination of actual SCEF Subscriber Organization compensation or Renewable Energy Certificate ("REC") creation. SCEF Subscriber Organization Projects are compensated based on actual metered generation, and REC creation and allocation are likewise based on actual production data. As a result, the use of estimated annual production for administrative purposes does not affect the accuracy of project payments or REC accounting.

Accordingly, UI believes the current methodology remains appropriate for estimating annual SCEF project production and continues to provide a reasonable basis for Program administration and subscriber allocation. Furthermore, because actual metered generation is used for project compensation and REC accounting, the methodology appropriately balances the need for a reasonable forecast of project output prior to commercial operation with the use of actual production data for financial settlements and REC administration.