

**BEFORE THE
LOUISIANA PUBLIC SERVICE COMMISSION**

***IN RE:* APPLICATION OF ENTERGY)
LOUISIANA, LLC FOR APPROVAL TO)
CONSTRUCT VOTAW AND SEGNO SOLAR)
FACILITIES, AND FOR COST RECOVERY)**

DOCKET NO. U-_____

DIRECT TESTIMONY

OF

ROBERT J. FLUTH

ON BEHALF OF

ENTERGY LOUISIANA, LLC

PUBLIC REDACTED VERSION

NOVEMBER 2025

TABLE OF CONTENTS

	PAGE
I. INTRODUCTION AND QUALIFICATIONS	1
II. PROJECT OVERVIEWS	4
A. Votaw	4
B. Segno.....	14
III. ESTIMATED PROJECT COSTS AND SCHEDULES.....	20
A. Votaw	20
B. Segno.....	25
IV. PROJECT MANAGEMENT AND CONTRACTING APPROACH.....	29
V. CONSTRUCTION RISK MANAGEMENT AND MITIGATION.....	33
A. Solar Modules	34
B. EPC Contracts.....	38
VI. CONCLUSION.....	42

EXHIBIT LIST

Exhibit RJF-1 (HSPM)	Votaw JDA with Urban Grid
Exhibit RJF-2 (HSPM)	Votaw APA with Urban Grid
Exhibit RJF-3 (HSPM)	Votaw Assignment and Assumption Agreement
Exhibit RJF-4 (HSPM)	Segno Assignment and Assumption Agreement
Exhibit RJF-5 (HSPM)	Votaw Module Contract
Exhibit RJF-6 (HSPM)	Segno Module Contract
Exhibit RJF-7 (HSPM)	Votaw EPC Contract
Exhibit RJF-8 (HSPM)	Segno EPC Contract

1 **I. INTRODUCTION AND QUALIFICATIONS**

2 Q1. PLEASE STATE YOUR NAME, TITLE, AND BUSINESS ADDRESS.

3 A. My name is Robert J. Fluth. I am employed by Entergy Services, LLC (“ESL”)¹ as
4 Director, Power Development. My business address is 2107 Research Forest Drive,
5 The Woodlands, TX 77380.

6
7 Q2. ON WHOSE BEHALF ARE YOU FILING THIS DIRECT TESTIMONY?

8 A. I am filing this Direct Testimony on behalf of Entergy Louisiana, LLC (“ELL” or the
9 “Company”).

10

11 Q3. PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND
12 PROFESSIONAL EXPERIENCE.

13 A. I received a Bachelor of Science degree in Electrical Engineering from North Dakota
14 State University in December 1993. After college, I worked as a Design Engineer with
15 Black & Veatch – Federal Division in Kansas City, MO, where I performed electrical
16 design on new and existing government facilities from January 1994 to June 1997. In
17 June 1997, I joined Black & Veatch – Transmission in Denver, CO as a Project
18 Engineer, leading substation projects. In April 2001, I accepted a position with Sebesta
19 Blomberg & Associates as a Project Manager in Roseville, MN, supporting
20 transmission clients. From April 2003 to January 2005, I served as a Plant System

¹ ESL is an affiliate of the Entergy Operating Companies (“EOCs”) that provides engineering, planning, accounting, legal, technical, regulatory, and other administrative support services to each of the EOCs. The EOCs are Entergy Louisiana, LLC; Entergy Arkansas, LLC; Entergy Mississippi, LLC; Entergy New Orleans, LLC; and Entergy Texas, Inc. (“ETT”).

1 Engineer with Great River Energy – Transmission Division in Elk River, MN,
2 providing project management and design engineering for plant and transmission
3 substation projects. In February 2005, I became a Principal Engineering Project
4 Manager with Great River Energy in Maple Gove, MN, managing generation plants
5 and capital projects until March 2012. In April 2012, I joined Entergy as a Manager,
6 Power Development, and was promoted to Director, Power Development in October
7 2022.

8

9 Q4. PLEASE DESCRIBE YOUR CURRENT RESPONSIBILITIES.

10 A. As Director, Power Development, I lead the Renewable and Energy Storage Project
11 Development team, which is responsible for the management and administration to
12 develop a portfolio of solar and battery storage projects through Midcontinent
13 Independent System Operator, Inc. (“MISO”) South that are offered to the EOCs to
14 support their supply and other business plans. As part of this role, I am the project lead
15 for the Votaw and Segno Solar Facility projects.

16

17 Q5. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE COMMISSION?

18 A. No, I have not.

19

20 Q6. WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY?

21 A. My Direct Testimony supports the Company’s application for certification by the
22 Louisiana Public Service Commission (“LPSC” or “Commission”) of a 141-megawatt
23 (“MW”) alternating current (“AC”) solar photovoltaic (“PV”) electric generation

1 facility to be constructed in Hardin County, Texas, known as the Votaw Solar Facility
2 (“Votaw”) and a 170-MW AC solar PV electric generation facility to be constructed in
3 Polk County, Texas, known as the Segno Solar Facility (“Segno”), collectively referred
4 throughout ELL’s Application with Votaw as the “Proposed Solar Facilities.” I provide
5 an overview of the Proposed Solar Facilities and also describe how the Proposed Solar
6 Facilities were developed and bid into the 2021 and 2022 Requests for Proposals
7 (“RFPs”), respectively, that were administered by ESL on behalf of ETI.² I further
8 provide the current capital cost estimates for each of the Proposed Solar Facilities and
9 the current estimated schedules for completing the projects. Finally, I discuss the
10 contract management strategies the Company intends to employ for these projects, as
11 well as the risk mitigation strategies and measures put into place to control construction
12 and other project risks.

13

14 Q7. DO YOU SPONSOR ANY EXHIBITS IN YOUR DIRECT TESTIMONY?

15 A. Yes. I sponsor the exhibits listed in the Table of Contents.

16

² As explained further below and more fully in the Direct Testimony of Company witness Phong D. Nguyen, the Proposed Solar Facilities were selected from RFPs issued and administered by ESL on behalf of ETI but, for various reasons, ETI is no longer pursuing development of the Proposed Solar Facilities, and the Proposed Solar Facilities are being pursued by ELL.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23

II. PROJECT OVERVIEWS

A. Votaw

Q8. PLEASE PROVIDE A BRIEF OVERVIEW OF THE VOTAW PROJECT.

A. Votaw is a 141 MW AC solar PV electric generation facility to be constructed in Hardin County near the community of Votaw, Texas, and will include solar PV modules mounted to a single-axis tracking system connected to direct current (“DC”)-to-AC inverter stations and a substation with a 138 kilovolt (“kV”) main power transformer.

Votaw is a “greenfield” project that was developed by ETI and Urban Grid Solar Projects, LLC (“Developer”) pursuant to an Asset Purchase Agreement and Development Agreement (“APA”). ELL and ETI have entered an agreement pursuant to which the Votaw property (including the land agreement and the Generator Interconnection Agreement (“GIA”) with MISO) will be transferred to ELL by ETI after the Commission issues a final order, if appropriate, certifying Votaw as being in the public interest. ELL will procure the solar panels and is also a party to an engineering, procurement, and construction (“EPC”) contract with Black & Veatch Corporation (“B&V” or “EPC Contractor”) for installation services.

As explained more fully by Company witness Phong D. Nguyen, Votaw was one of three projects selected from the bids made into the Request for Proposals for Solar Photovoltaic Resources for Entergy Texas, Inc. (“2021 Solar RFP”) administered by ESL on behalf of ETI. As explained by Mr. Nguyen and Company witness Michael Plaisance in their Direct Testimony, ETI ultimately decided not to pursue Votaw, and ELL is now pursuing certification of the Proposed Solar Facilities in order to meet the Company’s need for additional capacity and for solar resources to meet customer

1 demands, including in particular to potentially assist with fulfilling, in part, the Initial
2 Renewable Subscription Amount included in the Corporate Sustainability Rider
3 (“CSR”) executed in connection with the large new data center being developed in
4 Richland Parish, Louisiana by Meta Platforms, Inc.’s wholly owned subsidiary, Laidley
5 LLC, as detailed in Docket No. U-37425.³

6

7 Q9. WHAT IS THE PROPOSED COMMERCIAL OPERATION DATE FOR VOTAW?

8 A. The proposed commercial operation date (“COD”) for Votaw is on or before May 25,
9 2029.

10

11 Q10. PLEASE DESCRIBE HOW THE VOTAW PROJECT WAS DEVELOPED.

12 A. ETI entered into a Joint Development Agreement (“JDA”) with the Developer in July
13 2021 to develop the Votaw project as a self-build option in response to the 2021 Solar
14 RFP. The JDA delineated the responsibilities between ETI and the Developer with
15 regards to submitting the Votaw project into the RFP and the 2021 MISO Generator
16 Interconnection Queue. I have provided the JDA as Highly Sensitive Protected
17 Materials (“HSPM”) Exhibit RJF-1.

18 Upon the execution of the APA, the JDA was mutually terminated and
19 succeeded by the APA with the Developer. I have provided the APA as HSPM Exhibit
20 RJF-2.

³ See LPSC Docket No. U-37425, *In re: Application for approval of generation and transmission resources in connection with service to a single customer for a project in North Louisiana.*

1 Under the APA, if required regulatory approvals and other necessary conditions
2 are obtained such that all conditions precedent are met or waived, then the Developer
3 is required to sell its rights, titles, and interests in certain assets, subject to certain terms
4 and conditions. As referenced above, if the Commission certifies Votaw as being in
5 the public interest, ETI anticipates closing on the transaction contemplated by the APA
6 and completing the transfer of the relevant assets to ELL. The transaction between
7 ELL and ETI is memorialized in an Assignment and Assumption Agreement (the
8 “Votaw Assignment and Assumption Agreement”) that is attached to this Direct
9 Testimony as HSPM Exhibit RJF-3.

10

11 Q11. PLEASE DESCRIBE THE ASSETS ETI WOULD ACQUIRE FROM THE
12 DEVELOPER UNDER THE APA AND THAT WOULD THEN BE
13 TRANSFERRED TO ELL UNDER THE VOTAW ASSIGNMENT AND
14 ASSUMPTION AGREEMENT.

15 A. ETI would acquire the Developer’s work product on the project, the project’s MISO
16 Generator Interconnection Agreement, and a ground lease for the land where the project
17 will be sited and constructed. Pursuant to the Votaw Assignment and Assumption
18 Agreement, these assets would be transferred to ELL upon regulatory approval and the
19 closing contemplated by the APA.

20

1 Q12. HAS THE LEASE FOR THE LAND WHERE THE VOTAW PROJECT WILL BE
2 SITED AND CONSTRUCTED ALREADY BEEN EXECUTED?

3 A. The APA includes an option for ETI to lease the land where Votaw will be sited. ETI
4 will exercise that option once the Developer exercises its option to purchase the land
5 from its current owner. The lease will then be transferred to ELL, as set forth above.
6

7 Q13. WHAT ROLE DID THE POWER DEVELOPMENT GROUP HAVE IN THE
8 DEVELOPMENT OF THE VOTAW PROJECT?

9 A. Power Development, along with the Developer, other consultants, and internal subject
10 matter experts, provided the personnel and resources needed to develop the Votaw self-
11 build option, including the cost estimate that was submitted into the 2021 Solar RFP.
12

13 Q14. DOES ESL HAVE EXPERIENCE WITH BUILDING SOLAR FACILITIES?

14 A. Yes. ESL supports all EOCs with solar project development and execution activities.
15 Specifically, ESL has provided project development and/or execution oversight for the
16 following solar facilities:

- 17 ▪ Entergy Louisiana, LLC – Sterlington Solar Station (49 MW);
- 18 ▪ Entergy New Orleans, LLC – New Orleans Solar Station (20 MW) and the New
19 Orleans Rooftop Solar Program (multiple locations, totaling 5 MW);
- 20 ▪ Entergy Arkansas, LLC – Searcy Solar Energy Center (100 MW), Driver Solar
21 Station (250 MW), West Memphis Solar Station (180 MW), and Walnut Bend Solar
22 Station (100 MW); and
- 23 ▪ Entergy Mississippi, LLC – Sunflower Solar Station (99.96 MW).

1 Q15. HOW DID THE SELF-BUILD PROJECT TEAM INTERFACE WITH THE ESL
2 GROUP RESPONSIBLE FOR ADMINISTERING THE 2021 SOLAR RFP?

3 A. Members of the self-build project team worked independently from other ESL
4 personnel to develop designs, cost estimates, and schedules for Votaw. During the
5 development of the proposal, any interactions between the self-build project team and
6 other ESL personnel regarding the 2021 Solar RFP or the self-build cost estimate
7 submitted into that RFP were conducted under the oversight of the Independent
8 Monitor (“IM”) to ensure appropriate interaction between the commercial staff
9 developing the Votaw proposal and the staff preparing the 2021 Solar RFP and the
10 associated evaluation plan. Company witness Phong D. Nguyen describes the 2021
11 Solar RFP (including the involvement of the IM in the 2021 Solar RFP) in additional
12 detail in his Direct Testimony.

13
14 Q16. DID YOU ABIDE BY SAFEGUARDS INTENDED TO ENSURE THAT THE 2021
15 SOLAR RFP PROCESS WAS CONDUCTED IN A FAIR AND IMPARTIAL
16 MANNER?

17 A. Yes. During the development of the self-build option through the pendency of the
18 evaluation process, I did not engage in any professional contact with any members of
19 the teams that were developing the 2021 Solar RFP or the evaluation protocols or
20 processes, other than the limited communication that was provided for in the 2021 Solar
21 RFP process, which was supervised by the IM. In addition, after the bid was submitted,
22 I participated in discussions with the IM and Burns & McDonnell, the independent

1 engineering firm that was retained to assist the IM in evaluating the reasonableness of
2 the self-build cost estimate.

3

4 Q17. WHAT RESOURCES WERE UTILIZED TO DEVELOP THE OVERALL COST
5 ESTIMATE FOR VOTAW?

6 A. The following resources were used to develop the project's two major cost components:

7 **1) EPC contract costs ("EPC Costs"):** The EPC Contractor, at the request of
8 ESL, originally provided a cost estimate based on a preliminary layout
9 developed with the site-specific information gathered by the project team. The
10 EPC Contractor's estimate formed the basis of the EPC Costs contained in the
11 Votaw self-build proposal. The EPC Contractor's estimate was updated in
12 connection with the assignment by ETI to ELL pursuant to the Votaw
13 Assignment and Assumption Agreement.

14 **2) Costs outside of the EPC agreement ("Non-EPC Costs"):** The self-build
15 project team developed these costs using internal subject matter experts. I will
16 expand upon the components of the Non-EPC Costs later in this testimony.

17

18 Q18. WHAT COST ESTIMATE FOR VOTAW WAS SUBMITTED INTO THE 2021
19 SOLAR RFP?

20 A. The project's cost estimate submitted in the 2021 Solar RFP in October 2021 was
21 approximately [REDACTED], which included both direct and indirect cost estimates,
22 short-term financing, contingency, and the costs of transmission interconnection. It is

1 my understanding that this estimate was further refined through the normal course of
2 the 2021 Solar RFP evaluation process.

3

4 Q19. DID THE COST ESTIMATE SUBMITTED INTO THE 2021 SOLAR RFP FOR THE
5 PROJECT INCLUDE A REASONABLE LEVEL OF DESIGN INFORMATION?

6 A. Yes. The self-build project team, working with the EPC Contractor, developed a site-
7 specific preliminary design and cost estimate. The EPC Contractor utilized job-specific
8 general arrangement computer models, desktop environmental data and studies, and
9 site-specific field work to inform the preliminary layout. Quantities of material and
10 equipment were developed to reflect the Votaw site based off of the layout and
11 equipment assumptions.

12 The self-build project team reviewed the design and found it reasonable. In
13 addition, Burns & McDonnell also reviewed the design and provided its opinions to the
14 IM during the RFP evaluation. To my knowledge, the IM took no issue with the
15 reasonableness of the design or cost estimate.

16

17 Q20. WHAT HAS OCCURRED BETWEEN THE TIME VOTAW WAS SELECTED OUT
18 OF THE 2021 SOLAR RFP AND THIS FILING WITH RESPECT TO THE
19 PROJECT'S DESIGN AND COST ESTIMATE?

20 A. First, after selection of the Votaw project from the 2021 Solar RFP, the size of the
21 project decreased based on negotiations with underlying mineral rights owners for
22 surface usage of the property. Initial discussions were conducted when the project was
23 developed for submittal into the RFP, and at that time no significant issues related to

1 the procurement of mineral rights waivers or accommodation agreements from the
2 mineral rights owners were identified. At that time, the underlying mineral rights
3 owners were unwilling to enter into final negotiations until the project was selected
4 from the 2021 Solar RFP. After re-engaging the mineral rights owners, the primary
5 mineral rights owner for a portion of the Votaw site informed ETI that it had entered
6 into a mineral production agreement that prevented it from providing a mineral rights
7 waiver or accommodation agreement. ETI redesigned the Votaw project to avoid the
8 land that impacted this mineral rights owner, resulting in a reduction in the overall size
9 of the Votaw project compared to the design provided as part of the 2021 Solar RFP.
10 As outlined above, the size and cost of the Votaw project submitted into the 2021 Solar
11 RFP was 198 MW and [REDACTED], respectively. The revised design of the Votaw
12 project reduced the size to 141 MW and the cost (at that time) to [REDACTED].

13 In addition, and as described above, ELL obtained an updated cost estimate
14 from the EPC Contractor in connection with the assignment of the project from ETI to
15 ELL. The updated cost estimate from the EPC Contractor resulted in an updated cost
16 estimate for the Votaw project of approximately [REDACTED].

17

18 Q21. WHAT WAS THE PRIMARY DRIVER BEHIND THE INCREASE IN THE COST
19 ESTIMATE FOR THE VOTAW PROJECT?

20 A. As Company witnesses Michael J. Plaisance and Phong D. Nguyen testify in additional
21 detail, the decision was made by ETI that it would no longer pursue certification of the
22 Proposed Solar Facilities, and ELL identified the Proposed Solar Facilities as potential
23 resources to help with the Company's capacity needs and to potentially help with

1 fulfilling, in part, the Initial Renewable Subscription Amount for Laidley. Because of
2 the time that elapsed during ETT's initial certification proceeding and the subsequent
3 decision to transfer the Proposed Solar Facilities to ELL, the anticipated commercial
4 operation date for Votaw was delayed. With that delay, the EPC Contractor selected
5 for the Proposed Solar Facilities is unable and unwilling to hold the original contracted
6 price, in particular due to the uncertainty of escalation forecasts and market conditions.
7 Therefore, the EPC Contractor submitted a change request that included an updated
8 contract price as well as a request pursuant to which the equipment and subcontracted
9 scopes of work would be subject to a contractual price adjustment when and if the Final
10 Notice to Proceed ("FNTP") for Votaw is issued.

11

12 Q22. IS THE VOTAW PROJECT CONSTRUCTION PRICING FIXED?

13 A. Most of the pricing will ultimately be fixed, but not all of it. As mentioned earlier,
14 project costs consist of EPC Costs and Non-EPC Costs. The Non-EPC Costs are not
15 fixed, and the EPC contract price has fixed and floating components. The fixed
16 components will be fixed as of the date FNTP is issued and are based on the defined
17 scope of work; however, those components could be adjusted under the contract due to
18 the discovery of new facts, force majeure events, suspension, or changes in law. The
19 floating component of the EPC contract involves a true-up mechanism for the costs of
20 a defined list of equipment, as discussed below.

21

1 Q23. ARE THERE ANY IMPORTANT TAX CREDIT-RELATED CONSIDERATIONS
2 WITH RESPECT TO VOTAW?

3 A. Yes. One of the economic considerations in recent years for developing solar projects
4 is the availability of certain tax credits made available through the Inflation Reduction
5 Act of 2022 (the “IRA”). As relevant here, in the One, Big, Beautiful Bill Act
6 (“OBBBA”) signed on July 4, 2025, certain of those tax credits were terminated for
7 applicable solar facilities placed in service after December 31, 2027 unless such solar
8 facilities are safe harbored before the date that is 12 months after the date of enactment
9 of the OBBBA (*i.e.*, July 4, 2026). In addition, the OBBBA enacted a set of prohibited
10 foreign entity (“PFE”) rules that, among other things, disallow credits to projects that
11 receive significant “material assistance” from PFEs. Projects safe harbored by the end
12 of 2025, however, are not subject to the “material assistance” portion of the PFE rules.

13

14 Q24. BASED ON THE CURRENT STATUS OF THE VOTAW PROJECT, DOES ELL
15 EXPECT THAT THE VOTAW PROJECT WILL BE SAFE-HARBORED UNDER
16 THE OBBBA?

17 A. Yes. Under the IRS guidance, a solar project may be safe-harbored through “off-site
18 physical work of a significant nature,” which may include “the manufacture of
19 components, . . . transformers and other power conditioning equipment.” A safe-
20 harbored project may be transferred between related parties without losing the safe
21 harbor status.

22 Earlier this year (2025), ETI contracted for the manufacture of a step-up
23 transformer required for the project, and the manufacturer completed the construction

1 of certain safe-harbor transformer components in August. The project remains a safe-
2 harbored project following transfer to ELL.

3 In addition, a safe-harbored project must satisfy the Continuity Requirement,
4 which is deemed satisfied if the solar facility is placed in service “by the end of a
5 calendar year that is no more than four calendar years after the calendar year during
6 which construction of the solar facility began.” The anticipated COD for Votaw is May
7 25, 2029, which will satisfy the four-year time period that applies to the Continuity
8 Requirement. ELL thus anticipates that Votaw will be safe harbored under the
9 OBBBA.

10 Lastly, because the Votaw project was safe-harbored in August of 2025, the
11 project is exempt from the “material assistance” portion of the PFC rules that I
12 discussed above.

13

14

B. Segno

15 Q25. PLEASE PROVIDE A BRIEF OVERVIEW OF THE SEGNO PROJECT.

16 A. Segno is a solar PV electric generation facility to be constructed in Polk County, Texas.
17 Segno will consist of a 170 MW AC solar PV power station and will include solar PV
18 modules mounted to a single-axis tracking system connected to DC-to-AC inverter
19 stations and a substation with a 138 kV main power transformer.

20 Similar to Votaw, Segno is a “greenfield” project, but in contrast to Votaw,
21 which was developed jointly by ETI and a developer, Segno was developed solely by
22 ETI. Pursuant to another Assignment and Assumption Agreement (the “Segno
23 Assignment and Assumption Agreement”), ETI has assigned the Segno assets to ELL.

1 ELL will procure the solar panels and has entered into an EPC contract for installation
2 services with the same EPC Contractor that will perform those services at Votaw. A
3 copy of the Segno Assignment and Assumption Agreement is attached to this Direct
4 Testimony as HSPM Exhibit RJF-4.

5 The Segno project was submitted into the 2022 Request for Proposals for
6 Renewable Resources for Entergy Texas, Inc. (“2022 Renewables RFP”). As with
7 Votaw—and as is also discussed more fully by Company witness Michael J.
8 Plaisance—Segno was originally selected by ETI to assist with that EOC’s business
9 needs; after ETI decided to no longer pursue Segno for capital optimization reasons,
10 however, ELL decided to pursue Segno for its capacity needs and with fulfilling
11 customers’ demands for sustainable resources, including in particular to potentially
12 fulfill, in part, the Initial Renewable Subscription Amount included in the CSR for the
13 customer whose datacenter project in Richland Parish, Louisiana, was discussed at
14 length in Docket No. U-37425.

15

16 Q26. WHAT IS THE PROPOSED COD FOR SEGNO?

17 A. The proposed COD for Segno is on or before March 30, 2029.

18

19 Q27. PLEASE DESCRIBE HOW THE SEGNO PROJECT WAS DEVELOPED.

20 A. In response to the 2022 Renewables RFP, ESL’s Power Development team self-
21 developed the Segno project, which was then bid into the RFP as a self-build project.
22 Prior to submitting the proposal for the Segno project into the RFP, the Segno project
23 was submitted into the 2022 MISO Generator Interconnection Queue. For the land

1 procurement, a purchase option agreement (“POA”) was executed on September 14,
2 2022 with the Molpus Woodlands Group, LLC (“MWG”) that allowed for the purchase
3 of 1,168 acres of land where the Segno project is planned to be sited and constructed.
4 Pursuant to the Segno Assignment and Assumption Agreement, the POA was assigned
5 (with the other Segno assets) by ETI to ELL. The project schedule assumes a closing
6 on the land purchase on or before September 14, 2026 (after which date the option
7 rights expire).

8

9 Q28. WHAT ROLE DID THE POWER DEVELOPMENT GROUP HAVE IN THE
10 DEVELOPMENT OF THE SEGNO PROJECT.

11 A. Power Development, along with other consultants and internal subject matter experts,
12 provided the personnel and resources needed to develop the Segno self-build option,
13 including the cost estimate that was submitted into the 2022 Renewables RFP.

14

15 Q29. WAS THE INTERFACE BETWEEN THE SEGNO PROJECT SELF-BUILD TEAM
16 AND THE ESL GROUP THAT ADMINISTERED THE 2022 RENEWABLES RFP
17 THE SAME OR SIMILAR TO THE INTERFACE BETWEEN THE VOTAW SELF-
18 BUILD TEAM AND THE ESL GROUP THAT ADMINISTERED THE 2021 SOLAR
19 RFP?

20 A. Yes, it was. The Segno self-build project team worked independently from other ESL
21 personnel to develop designs, cost estimates, and schedules for Segno. The IM oversaw
22 all interactions between the Segno self-build team and other ESL personnel, ensuring

1 appropriate interaction between the staff developing the Segno proposal and the staff
2 preparing the 2022 Renewables RFP and the plan for evaluating proposals.

3

4 Q30. AS WITH THE 2021 SOLAR RFP PROCESS, DID YOU ABIDE BY SAFEGUARDS
5 INTENDED TO ENSURE THAT THE 2022 RENEWABLES RFP PROCESS WAS
6 CONDUCTED IN A FAIR AND IMPARTIAL MANNER?

7 A. Yes. During the development of the Segno self-build option through the evaluation
8 process, I did not engage in any professional contact with anyone involved in
9 developing the 2022 Renewables RFP or the evaluation protocols or processes, other
10 than the limited communication provided for in the RFP process, which was supervised
11 by the IM. In addition, after the bid was submitted, I and the rest of the self-build
12 project team participated in discussions with the IM and Burns & McDonnell, who
13 again assisted the IM in evaluating the reasonableness of the self-build cost estimate.

14

15 Q31. HOW DID YOU DEVELOP THE OVERALL COST ESTIMATE FOR THE SEGNO
16 PROJECT THAT WAS BID INTO THE 2022 RENEWABLES RFP?

17 A. We used the same resources as those used to develop the cost estimate for the Votaw
18 project that I explained earlier: EPC Costs and Non-EPC Costs.

19

20 Q32. WHAT COST ESTIMATE FOR SEGNO WAS SUBMITTED INTO THE 2022
21 RENEWABLES RFP?

22 A. The project's cost estimate submitted into the 2022 Renewables RFP in January 2023
23 was approximately [REDACTED], which included both direct and indirect cost

1 estimates, short-term financing, contingency, and the costs of the transmission
2 interconnection. It is my understanding that this estimate was further refined through
3 the normal course of the 2022 Renewables RFP evaluation process.

4

5 Q33. DID THE COST ESTIMATE SUBMITTED INTO THE 2022 RENEWABLES RFP
6 FOR THE SEGNO PROJECT INCLUDE A REASONABLE LEVEL OF DESIGN
7 INFORMATION?

8 A. Yes. As with the Votaw project, the Segno self-build project team worked with the
9 EPC Contractor to develop a site-specific preliminary design and cost estimate. The
10 EPC Contractor utilized job-specific general arrangement computer models, desktop
11 environmental data and studies, and site-specific field work to inform the preliminary
12 layout. Quantities of material and equipment were developed to reflect the Segno site
13 based off of the layout and equipment assumptions.

14 The self-build project team reviewed the design and found it reasonable. Burns
15 & McDonnell also reviewed the design and provided its opinions to the IM during the
16 RFP evaluation. To my knowledge, the IM took no issue with reasonableness of the
17 Segno design or cost estimate.

18

19 Q34. IS THE SEGNO PROJECT CONSTRUCTION PRICING FIXED?

20 A. As with Votaw, most of the pricing will ultimately be fixed, but not all of it. The Non-
21 EPC Costs are not fixed, and the EPC contract price has fixed and floating components.
22 The fixed components will be fixed as of the date FNTP is issued and are based on the
23 defined scope of work; however, these components could be adjusted under the contract

1 due to the discovery of new facts, force majeure events, suspension, or changes in law.

2 The floating component of the Segno EPC contract involves a true-up mechanism for
3 the costs of a defined list of equipment, similar to that of the Votaw EPC contract.

4

5 Q35. BASED ON THE CURRENT STATUS OF THE SEGNO PROJECT, DOES ELL
6 EXPECT THAT THE SEGNO PROJECT WILL BE SAFE-HARBORED UNDER
7 THE OBBBA?

8 A. Yes. Just like with the Votaw project, ETI contracted in this year (2025) for the
9 manufacture of a step-up transformer for Segno, and that work qualifies as “off-site
10 physical work of a significant nature.” In addition, the anticipated COD for Segno is
11 March 30, 2029, which will satisfy the four-year time period that applies to the
12 Continuity Requirement. ELL thus anticipates that, like Votaw, Segno will be safe-
13 harbored under the OBBBA and will be eligible to receive the tax credits that are
14 otherwise being terminated.

15 Furthermore, as with Votaw, the Segno project was safe-harbored in 2025 and
16 is thus exempt from the “material assistance” portion of the PFC rules I discussed
17 above.

18

1

III. ESTIMATED PROJECT COSTS AND SCHEDULES

2

A. Votaw

3

Q36. WHAT IS THE CURRENT ESTIMATE OF THE CAPITAL COSTS TO COMPLETE
4 THE VOTAW PROJECT?

4

5

A. The current capital cost estimate for the Votaw project is approximately [REDACTED]

6

The main components of the Votaw project cost estimate include the EPC Costs and
7 the acquisition of solar modules. A summary of the components of the current cost
8 estimate is shown below:

7

8

9

Table 1

10

Votaw Capital Cost Estimate (Millions)

Cost Category	Current Estimate
EPC Contract	[REDACTED]
Solar Modules	[REDACTED]
Sales Tax	[REDACTED]
Other Vendors	[REDACTED]
Land	[REDACTED]
Payroll	[REDACTED]
Other Expenses	[REDACTED]
Transmission	[REDACTED]
Total Direct Cost	[REDACTED]
Total Indirect Cost	[REDACTED]
Contingency	[REDACTED]
Total Project Cost	[REDACTED]

11

1 Q37. WHY DOES THE CURRENT PROJECT COST ESTIMATE DIFFER FROM THE
2 ESTIMATE SUBMITTED INTO THE 2021 SOLAR RFP?

3 A. There are a few reasons. Before ETI executed the Votaw Assignment and Assumption
4 Agreement, there was a reduction in the cost estimate due to (1) the redesign of the
5 Votaw project discussed previously that reduced the overall size of the project from
6 198 MW to 141 MW, (2) anticipated cost reductions in market pricing for Tier 1 solar
7 modules based on discussions with the solar module supplier and ongoing external
8 factors discussed below, (3) increases in estimates for transmission interconnection and
9 service scope, and (4) a revision of the assumption of financing interest rates to reflect
10 market conditions. In connection with the execution of the Votaw Assignment and
11 Assumption Agreement, ELL obtained updated EPC Costs based on the passage of
12 time as well as the new, later project schedule that revised the planned in-service date
13 by one year. In addition, ELL determined it qualifies for a manufacturing sales tax
14 exemption in Texas and accordingly updated its tax estimates. The resulting cost
15 estimates are those set forth above in Table 1.

16

17 Q38. PLEASE DESCRIBE THE TYPES OF COSTS INCLUDED IN THE ESTIMATE OF
18 EPC COSTS.

19 A. EPC Costs include costs that will be incurred by the EPC Contractor and billed to the
20 Company in the performance of the EPC contract, including the following:

- 21 ▪ Engineered equipment, including the module racking, foundations, piling, and
22 inverters;
23 ▪ Clearing and grubbing of the site;

- 1 ▪ Home office engineering and construction management services, including
- 2 procurement, project controls, scheduling, and progress tracking;
- 3 ▪ Supervisory and administrative staff at the construction site;
- 4 ▪ Craft laborers (such as welders, electricians, and pipefitters);
- 5 ▪ Construction materials (copper, steel, concrete, etc.) used by both the EPC
- 6 Contractor and subcontractors;
- 7 ▪ Subcontractors;
- 8 ▪ The indirect construction costs that support the construction project (such as
- 9 administrative offices and safety equipment);
- 10 ▪ Sales taxes borne by the EPC Contractor on consumables; and
- 11 ▪ Labor and materials associated with the dedicated start-up and commissioning
- 12 teams.

13

14 Q39. WHAT COSTS ARE INCLUDED IN THE NON-EPC COST ESTIMATE?

15 A. Costs included in the Non-EPC Cost estimate will be incurred by the Company directly
16 and include:

- 17 ▪ Solar Modules: The cost for the manufacturing of the solar PV modules and
- 18 delivery of the modules to the project site. As discussed in more detail below,
- 19 ELL is a party to Module Sales Contracts for both the Votaw and Segno projects
- 20 with a solar module supplier. These contracts, which are expected to be
- 21 amended to adjust the project schedule, are provided as HSPM Exhibits RJF-5
- 22 and RJF-6, respectively.

- 1 ▪ Generator Step Up Transformer: The cost for the manufacturing of the
2 transformer, storage at the manufacturer’s facility, and delivery of the
3 transformer to the project site.
- 4 ▪ Other Vendors and Expenses: The services captured in the Other Vendors
5 category include expenses such as the development fee, external subject matter
6 experts to advise on the scope of work (including providing engineering and
7 environmental permitting support), rental of temporary office trailers,
8 construction power, environmental permitting services, the cost of permit
9 applications, site inspections and surveys, transmission studies, miscellaneous
10 consumables related to safety and office supplies used during project execution,
11 Builders All Risk insurance, title insurance, and consultant fees.
- 12 ▪ Entergy Labor: Project management costs include internal labor and third-party
13 costs for activities such as project oversight and executing the scope of work.
14 Construction management includes internal and third-party personnel to
15 manage any agreements to engineer, procure, and construct the project.
- 16 ▪ Allowance for Funds Used During Construction (“AFUDC”): This amount is
17 representative of the project financing cost.
- 18 ▪ Other Indirect Costs: This category includes estimated capital suspense and a
19 variable benefits loader. All other payroll loaders are included in the direct
20 costs of the other categories.
- 21 ▪ Transmission Interconnection: The amount in this category was based upon
22 estimates for two general categories: (a) transmission interconnection; and (b)

1 upgrades identified by MISO as necessary to designate the resource as an
2 Energy Resource.

3 ■ Contingency: This is a general contingency that addresses the fact that
4 construction projects, such as for Votaw and Segno, have cost elements that are
5 beyond the reasonable control of the Company and its management. Even with
6 a fixed-price EPC contract and well-defined scope, experience demonstrates
7 that unpredictable events, such as discovery of unknown site conditions or
8 changes in laws or regulations, can require change orders that will affect project
9 costs. Thus, a contingency must be included in the estimate in order to provide
10 a reasonable estimate of the ultimate cost to complete the project.

11

12 Q40. HOW DID THE SELF-BUILD PROJECT TEAM DEVELOP THE VOTAW
13 PROJECT COST ESTIMATE?

14 A. As described above, the EPC Contractor developed the EPC cost estimate based on the
15 revised project design, discussed above, and further provided an updated estimate for
16 ELL in connection with the Votaw Assignment and Assumption Agreement. The EPC
17 Contractor has solar industry knowledge, experience, and a proven track record of
18 executing solar facilities of like size. The EPC contract will include a detailed scope
19 of work describing the plant and its required functionality and performance, which was
20 developed by the EPC Contractor based on the specifications detailed in the 2021 Solar
21 RFP scope book.

22 The estimates for the Non-EPC Costs were developed based on input from
23 internal subject matter experts, vendors, and third-party consultants.

1 The current cost estimates for the transmission interconnection and upgrades
2 have been developed by internal subject matter experts based on the expected project
3 scope. Transmission modifications and upgrades attributable to the addition of Votaw
4 have been included in the Generator Interconnection Agreement that was produced as
5 a result of MISO's Definitive Planning Phase results for the 2021 Interconnection
6 Study Cycle.

7

8 Q41. WHAT ARE THE KEY MILESTONES AND THE CUMULATIVE SPEND FOR
9 THE VOTAW PROJECT?

10 A. The key milestones and spend commitments are provided in the schedule below:

11

Table 2

12

Votaw Key Project Milestones

Milestone	Estimated Date	HSPM Spend to Milestone (\$M)
Final Determination from Commission	September 2026	██████████
EPC FNTF	September 2026	██████████
Mechanical Completion	December 2028	██████████
Substantial Completion	February 2029	██████████

13

14

B. Segno

15 Q42. WHAT IS THE CURRENT ESTIMATE OF THE CAPITAL COSTS TO COMPLETE
16 THE SEGNO PROJECT?

17 A. The current capital cost estimate for the Segno project is approximately ██████████

18 Like Votaw, the main components of the Segno project cost estimate include the EPC

1 Costs and the acquisition of solar modules. A summary of the components of the
2 current cost estimate is shown below:

3 **Table 3**

4 **Segno Capital Cost Estimate (Millions)**

Cost Category	Current Estimate
EPC Contract	██████████
Solar Modules	██████████
Sales Tax	██████████
Other Vendors	██████████
Land	██████████
Payroll	██████████
Other Expenses	██████████
Transmission	██████████
Total Direct Cost	██████████
Total Indirect Cost	██████████
Contingency	██████████
Total Project Cost	██████████

5

6 Q43. ARE THE EPC AND NON-EPC COST CATEGORIES IN THE SEGNO ESTIMATE
7 THE SAME OR SIMILAR TO THOSE FOR THE VOTAW PROJECT THAT YOU
8 DISCUSSED ABOVE?

9 A. Yes, the cost categories in the Segno estimate are similar to those for the Votaw project.

10 The three exceptions are:

- 11
 - Purchased Land: There will be no land leased for the Segno project. The Company
- 12 plans to purchase the entire project acreage amount from MWG.

- 1 ▪ Other Vendors and Expenses: There will not be a development fee associated with
2 the Segno project in the Other Vendors cost category.
- 3 ▪ Transmission Interconnection/Contingency: The estimated transmission network
4 upgrade costs to be identified by MISO for Segno to be designated as an Energy
5 Resource are not included in the Transmission Interconnection cost line item.
6 Because of its position in the MISO interconnection queue, the estimated network
7 upgrade costs are uncertain. Therefore, the project team instead increased the
8 contingency line item accordingly to account for this cost uncertainty.
- 9

10 Q44. WAS THE CURRENT COST ESTIMATE FOR THE SEGNO PROJECT
11 DEVELOPED USING THE SAME METHODOLOGY EMPLOYED TO DEVELOP
12 THE VOTAW PROJECT COST ESTIMATE?

13 A. Yes, except for the estimated transmission network upgrade costs which have not yet
14 been identified by MISO due to extended delays in their interconnection process.
15 Therefore, the project team increased the contingency to account for this uncertainty.

16

17 Q45. WHY DO THE SEPARATE ITEMS IN THE COST ESTIMATE FOR THE SEGNO
18 PROJECT DIFFER FROM THOSE IN THE ESTIMATE SUBMITTED IN
19 CONNECTION WITH THE 2022 RENEWABLES RFP?

20 A. Similar to Votaw, ELL obtained an updated cost estimate from the EPC Contractor in
21 connection with the Segno Assignment and Assumption Agreement. As is also the
22 case with Votaw, the COD for Segno has been delayed. With that delay, the EPC
23 Contractor selected for the Proposed Solar Facilities is unable and unwilling to hold

1 the original contracted price, in particular due to the uncertainty of escalation forecasts
2 and market conditions. Therefore, the EPC Contractor submitted a change request that
3 included an updated contract price as well as a request pursuant to which the equipment
4 and subcontracted scopes of work would be subject to a contractual price adjustment
5 when and if the FNTTP for Segno is issued. Finally, as with Votaw, ELL has determined
6 it qualifies for a manufacturer exemption from sales taxes in Texas, and the tax
7 estimates were updated accordingly. The resulting cost estimate includes the figures
8 set forth above.

9

10 Q46. WHAT ARE THE KEY MILESTONES AND THE CUMULATIVE SPEND FOR
11 THE SEGNO PROJECT?

12 A. The key milestones and spend commitments for Segno are provided in the schedule
13 below:

14

Table 4

15

Segno Key Project Milestones

Milestone	Estimated Date	HSPM Spend to Milestone (\$M)
Final Determination from Commission	August 2026	██████
EPC FNTTP	September 2026	██████
Mechanical Completion	October 2028	██████
Substantial Completion	December 2028	██████

16

1 **IV. PROJECT MANAGEMENT AND CONTRACTING APPROACH**

2 Q47. HOW DOES THE COMPANY PROPOSE TO MANAGE THE VOTAW AND
3 SEGNO PROJECTS?

4 A. The project management approach will follow Entergy’s Project Delivery System
5 (“PDS”) Policy, Standards and Guidelines in support of driving consistency and
6 certainty in project delivery outcomes. The PDS provides a framework to ensure
7 Entergy’s business units consistently and effectively develop and implement capital
8 projects. The PDS establishes a Stage Gate Process (“SGP”) approach as a single and
9 comprehensive framework for project development, planning, and execution. The SGP
10 provides a roadmap of key deliverables and decisions that need to be completed
11 sequentially to promote consistent, reliable, and high-quality project outcomes.
12 Additionally, the SGP prescribes a continuous systematic evaluation of the project
13 organization, scope, and maturity of project management deliverables that helps ensure
14 projects are successfully executed. This occurs through a series of independent Gate
15 Reviews/Assessments and Approvals.

16

17 Q48. WHY WAS THE DECISION MADE TO USE AN EPC CONTRACTOR FOR THE
18 VOTAW AND SEGNO PROJECTS?

19 A. Neither ETI nor ELL has the in-house capability necessary to self-supply and execute
20 the EPC services for these projects. Therefore, it was determined that it would be
21 appropriate to use an EPC contractor in conjunction with ETI’s (and now ELL’s)
22 management team. The use of an EPC contractor that can perform all of these functions

1 under a single contract is cost-effective and common within the power industry for such
2 projects.

3 The EPC contract leverages the EPC Contractor's considerable project
4 knowledge and proven track record while simultaneously enhancing ELL's experience
5 with solar project development and construction.

6

7 Q49. IS THERE A SINGLE COMMON FORM OF EPC CONTRACT?

8 A. No. There are several types of EPC contracting approaches, and the suitability or
9 desirability of each depends largely on the type of project. From an owner's
10 perspective, fixed-price contracts are preferred because of the certainty they provide to
11 a project's overall cost. However, when a project's scope is uncertain or variable, or
12 when a significant level of uncertainty exists in one or more areas of project costs, EPC
13 contractors will either refuse to contract on a fixed-price basis or will only agree to do
14 so in exchange for a significant risk premium.

15

16 Q50. WHAT EPC CONTRACTING STRATEGY WILL BE UTILIZED FOR THE
17 VOTAW AND SEGNO PROJECTS?

18 A. The form of contract negotiated with the EPC Contractor is, upon issuance of an FNTP,
19 a fixed-price (with certain exceptions related to a defined set of costs that are subject
20 to a true-up provision, as I discuss in more detail below), fixed-schedule form of
21 contract with the EPC Contractor that reflects a detailed scope of work. The EPC
22 Contractor must reach the Substantial Completion milestone by a deadline set forth in
23 the EPC contract or will be required to pay ELL liquidated damages.

1 Q51. WHAT WAS THE REASON FOR USING THIS FORM OF EPC CONTRACT?

2 A. The EPC strategy being used by the Company is expected to yield the lowest reasonable
3 cost with an adequate level of risk mitigation.

4

5 Q52. PLEASE DESCRIBE THE SELECTION OF THE EPC CONTRACTOR,
6 INCLUDING ITS QUALIFICATIONS AND EXPERIENCE PERFORMING WORK
7 ON SOLAR PROJECTS.

8 A. Black & Veatch (“B&V”) was selected as the EPC Contractor through a formal EPC
9 RFP, as described further below and based on a technical and commercial scorecard
10 developed based on Entergy’s procurement policies and procedures. B&V has
11 completed more than 10.6 GW of solar projects in North America since 2014, and was
12 the 5th ranked solar EPC contractor by Solar Power World Magazine in 2024. B&V
13 continues to focus on reducing change orders and is an industry leader with respect to
14 its safety culture.

15

16 Q53. PLEASE DESCRIBE THE EPC RFP PROCESS CONDUCTED TO SELECT THE
17 EPC CONTRACTOR FOR BOTH THE VOTAW AND SEGNO PROJECTS.

18 A. ESL (originally on behalf of ETI) conducted a concurrent EPC RFP for services for
19 both the Votaw and Segno projects in 2023. Prospective bidders were not required to
20 bid on both projects to participate in the RFP. Eleven prospective EPC service
21 providers were interviewed to determine qualifications. Seven EPC service providers
22 were evaluated as qualified and invited to bid on the Votaw or Segno projects, or both.
23 Proposals were evaluated using a matrix that included the following criteria: safety

1 records, technical completeness and compliance with the RFP scope, proposed cost
2 estimates, commercial terms proposed relative to a model EPC contract template,
3 corporate financials, plans to support diverse and local subcontractors and vendors, and
4 corporate and project-level sustainability plans. Under the oversight of the ESL Supply
5 Chain organization, independent groups for each of the evaluation criteria provided
6 analysis and ranking of proposals using a pre-determined methodology. The Supply
7 Chain organization compiled all independent evaluations to develop an overall rating
8 and ranking of proposals.

9
10 Q54. PLEASE DESCRIBE THE EPC RFP SELECTIONS FOR BOTH THE VOTAW AND
11 SEGNO PROJECTS.

12 A. Of the seven EPC service providers evaluated as qualified and invited to bid on the
13 projects, five provided proposals for the Votaw project and three provided proposals
14 for the Segno project. After proposal evaluations were completed, B&V was
15 determined to have provided the best proposal for both the Votaw and the Segno
16 projects.

17
18 Q55. WHAT ACTIVITIES AND TASKS WILL THE EPC CONTRACTOR PERFORM?

19 A. The EPC Contractor will act as an independent contractor with respect to the services
20 defined in the EPC contract's scope of work. The EPC Contractor also will procure
21 the inverters, racking system, and materials (such as wire and cable) to complete the
22 scope of work. The EPC Contractor will provide a "wrap" agreement (*i.e.*, guarantee)
23 to deliver its commitments on schedule and for its performance for the entirety of each

1 project. If there are delays or shortfalls in its performance, the EPC Contractor will be
2 required to pay liquidated damages under the contract.

3

4 Q56. HAVE THE COMPANY AND THE EPC CONTRACTOR AGREED UPON THE
5 TERMS OF EPC AGREEMENTS FOR VOTAW AND SEGNO?

6 A. The EPC contracts have been executed and are provided in HSPM Exhibits RJF-7 and
7 RJF-8. The Company and the EPC Contractor are also finalizing change orders for
8 each of the EPC contracts to capture, among other items, the costs and new timelines
9 associated with the change in COD for each of the facilities.

10

11 **V. CONSTRUCTION RISK MANAGEMENT AND MITIGATION**

12 Q57. PLEASE EXPLAIN WHY IT IS IMPORTANT TO HAVE PLANS IN PLACE TO
13 MANAGE AND MITIGATE POTENTIAL RISKS ASSOCIATED WITH
14 DEVELOPMENT OF THE PROJECTS.

15 A. Votaw and Segno represent significant capital investments; therefore, it is important
16 that the projects are well-managed. Good management includes proper consideration
17 of the risk that can be reasonably foreseen and the development of a plan to reasonably
18 manage or mitigate those risks where possible. Good project management should not
19 seek to eliminate all potential risks irrespective of costs to do so, but instead should
20 reasonably manage those risks considering the probability of occurrence, potential
21 magnitude of impact, and cost to mitigate.

22

1 Q58. HOW ARE RISKS TO ELL'S CUSTOMERS AFFECTED BY THE POTENTIAL,
2 PROPOSED ALLOCATION OF THE PROPOSED SOLAR FACILITIES TO THE
3 INITIAL RENEWABLE SUBSCRIPTION AMOUNT IN THE CSR?

4 A. Company witness Elizabeth C. Ingram discusses in greater detail the CSR, including
5 the CSR's termination and payment provisions and the manner in which any
6 subscription fees received pursuant to the CSR could serve to offset certain costs of the
7 resources for ELL's customers. Although any cost-related risks to ELL's customers
8 could be mitigated to a significant extent by those subscription fees, there remains a
9 need to ensure that proper risk-mitigation provisions and strategies are in place to
10 protect all of ELL's customers, including both the customer who could subscribe to the
11 Proposed Solar Facilities pursuant to the CSR and the Company's other customers.
12

13 **A. Solar Modules**

14 Q59. HOW WAS THE SOLAR MODULE MANUFACTURER SELECTED?

15 A. The selected solar module manufacturer for Segno and Votaw was based on the results
16 of an RFP by ESL's Supply Chain organization for Tier 1 manufacturers. Evaluation
17 criteria in the RFP included module type, production capacity, price per watt, payment
18 terms, delivery schedule, and risk analysis. Bidding participants included seven Tier 1
19 manufacturers, and the evaluation of those proposals ultimately resulted in the selection
20 of Canadian Solar.
21

1 Q60. WHAT IS THE CURRENT STATE OF THE MARKET FOR SOLAR MODULES?

2 A. As relevant to this Application and the Company’s contracting strategy for solar
3 modules, complex and evolving trade actions are expected to substantially impact solar
4 development (and thus the market for solar modules) over the next five years. Recent
5 changes with respect to anti-dumping (“AD”) and countervailing duties (“CVD”) on
6 cells and modules from Southeast Asia, as well as the introduction of new, non-
7 industry-specific tariffs over the past few months, may lead to supply chain shifts and
8 potential project delays or cancellations, particularly in the utility-scale segment. As
9 part of its investigation of various countries in connection with AD/CVD, the United
10 States Department of Commerce (“DOC”) is preparing preliminary CVD findings,
11 which were due October 13, 2025, as well as AD findings, which are currently due
12 December 26, 2025. Final determinations could be made, and possible duties could be
13 imposed, by mid-2026. In addition, various tariffs are impacting the solar module
14 market: as of October 2025, the Section 201 tariff on imported solar modules was 14%
15 (with a February 7, 2026 expiration date), whereas Section 301 tariffs are 50% on solar
16 cells, polysilicon, and solar wafers from China.

17 As discussed above, the OBBBA has also fundamentally changed the policy
18 landscape for the energy industry. As mentioned, the new law introduced certain
19 requirements for safe-harboring as well as a set of PFE rules that disallow tax credits
20 to solar projects that receive significant “material assistance” from PFEs.

21

1 Q61. HOW DOES ELL PLAN TO MITIGATE ITS EXPOSURE TO THE RISKS IN THE
2 SOLAR MODULE MARKET?

3 A. ELL will monitor and work to address market volatility, trade policy changes, and
4 supplier capacity constraints that could impact ELL. ELL has also secured provisions
5 in its solar module contracts that include protections from Canadian Solar and certain
6 termination rights. In addition, ELL will work to ensure compliance with all
7 government regulations, including in particular any regulations pertaining to AD/CVD
8 and tariffs. As one proactive measure on this issue, Canadian Solar has transitioned all
9 solar module production for ELL and the other EOCs to its domestic manufacturing
10 facility in Mesquite, Texas, and solar cells will be manufactured in a country that is not
11 implicated in any AD/CVD investigations. Moreover, although work has been done to
12 safe-harbor both Votaw and Segno such that those projects are expected to be exempt
13 from the PFE rules (as I discussed above), ELL understands that all Canadian Solar
14 resources in the United States will be directly owned by its parent company, with no
15 Chinese ownership, by January 2026, thus further ensuring compliance with the PFE
16 rules.

17

18 Q62. PLEASE DESCRIBE THE PROTECTIONS INCLUDED IN THE MODULE SALES
19 CONTRACTS.

20 A. Canadian Solar warrants that all modules will be new and comply with all applicable
21 state and federal laws and regulations, including but not limited to public safety, health,
22 and environmental standards. Additionally, Canadian Solar is required to have
23 adequate policies and procedures in place to ensure compliance with both the

1 requirements of the contracts and the final determinations from the DOC investigations
2 I described above. This includes prompt notification in the event of any contractual
3 violations.

4

5 Q63. PLEASE DESCRIBE ELL'S TERMINATION RIGHTS INCLUDED IN THE
6 MODULE SALES CONTRACTS.

7 A. ELL may terminate the Module Sales Contracts under the following scenarios:

8 ▪ Termination for cause: Under this provision, [REDACTED]
9 [REDACTED]
10 [REDACTED]
11 [REDACTED]

12 ▪ Termination for convenience: [REDACTED]
13 [REDACTED]
14 [REDACTED]
15 [REDACTED]

16 ▪ Border Delays: [REDACTED]
17 [REDACTED]
18 [REDACTED]
19 [REDACTED]

20 ▪ Change in Tariff; Change in Import Duties: [REDACTED]
21 [REDACTED]
22 [REDACTED]

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22

[REDACTED]

[REDACTED]

- Change in Law: [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

B. EPC Contracts

Q64. WHAT ARE THE PRIMARY RISKS ASSOCIATED WITH THE EPC CONTRACTS?

A. The primary risks center around the project costs and schedules, including delays and cost increases resulting from change orders.

Q65. HOW ARE THOSE RISKS BEING MITIGATED?

A. The mostly fixed-price structure (upon issuance of FNTP) and well-defined scope of work to be included in the EPC contracts are the principal mitigation tools to minimize the effect that risks may have on project costs. Mitigation plans have been developed, and contingencies have been included in the project cost estimates, both of which are reasonably sufficient to mitigate the risks I described above. Delays in receiving regulatory approvals or the required permits beyond the dates assumed in the project schedules will increase total costs and result in delayed in-service dates. The project schedules were developed by optimizing the sequence of activities to produce the

1 shortest practical schedules at the lowest reasonable cost. The schedules have built-in
2 contingencies for critical path activities that will help mitigate short delays.

3

4 Q66. PLEASE DISCUSS SOME OF THE POTENTIAL RISK MITIGATIONS
5 REGARDING CHANGE ORDERS EXPECTED TO BE CONTAINED IN THE EPC
6 CONTRACTS.

7 A. The agreed-upon general terms and conditions in the EPC contracts in HSPM Exhibits
8 RJF-7 and RJF-8 provide for fixed prices (upon issuance of FNTP and with some
9 exceptions) and fixed schedules. Any fixed-price contract presents a risk of price
10 increases through change orders and extra work claims. This risk has been mitigated
11 to the extent possible by broadly defining the scope of work assigned to the EPC
12 Contractor as including everything necessary to complete the projects that meets the
13 specification and performance requirements, except for items expressly stated in the
14 scope books to be ELL's responsibility. The agreed-upon EPC contract terms also
15 contain favorable change order provisions that will enable the Company to direct the
16 EPC Contractor to proceed with a change over which there is a good faith dispute
17 between the parties, with the dispute over the price impact to be resolved in arrears.
18 This will protect ELL and its customers from the possibility that the EPC Contractor
19 would threaten to delay work until change order disputes are resolved to its satisfaction.
20 Further, the EPC Contractor must notify ELL before making any changes required by
21 force majeure events or changes in laws, and must document such changes and the
22 resulting impacts before being entitled to any schedule relief, an increase in the fixed
23 price, or additional reimbursement.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23

Q67. YOU MENTIONED THAT THERE ARE CERTAIN EXCEPTIONS TO THE FIXED PRICE OF THE EPC CONTRACTS. CAN YOU PROVIDE ADDITIONAL CONTEXT?

A. Yes. The global economy continues to experience widespread increases in commodity, material, and other prices across market segments due to factors such as supply chain disruptions stemming from shifts in demand, labor shortages, and other geopolitical issues, such as the conflict in Ukraine. The equipment and material market for solar projects in particular has been subject to cost and schedule impacts from the overall global economy and the solar market's specific supply and demand forces.

In order to avoid ELL potentially overpaying the EPC Contractor to assume these types of market risks, the EPC contract for the Proposed Solar Facilities will include a true-up mechanism for the costs of racking, cabling, inverters, insurance costs, and selected labor costs. This mechanism allows the cost of these items to fluctuate until FNTP, at which point they will be fixed. At that point, the true-up mechanism will compare then-current prices to those under the executed contracts, and adjustments will be made up or down to arrive at the final EPC price.

Q68. WILL THE EPC CONTRACTS HAVE PROVISIONS THAT MITIGATE RISK RELATING TO THE EPC CONTRACTOR'S PERFORMANCE?

A. Yes. The fixed-price, fixed-duration form of contract coupled with liquidated damages for late delivery and output provide a measure of protection for ELL customers. Additionally, the agreed-upon EPC general terms and conditions require that the EPC

1 Contractor deliver a finished product that meets minimum requirements for
2 performance and to warranty that work for 24 months following Substantial
3 Completion.

4 The agreed-upon EPC terms establish a milestone payment structure whereby
5 the EPC Contractor will only be paid for the work that has been completed, as verified
6 by ELL. The milestone payments are subject to a cumulative cap with monthly values
7 stated in the contracts that protects the Company's cash flow. After Substantial
8 Completion, the total amount of any remaining milestones will be reduced to an amount
9 equal to the remaining punch list items. These and other contractual protections, as
10 well as applicable indemnities and limits of liability, are explained in the EPC contracts
11 attached as HSPM Exhibits RJF-7 and RJF-8.

12

13 Q69. ARE THE CONTINGENCIES REFLECTED IN THE PROJECT COST ESTIMATES
14 DESIGNED TO COVER ALL RISKS THAT COULD INCREASE COST?

15 A. No. Common project management practice allows for a contingency allowance that is
16 used to *reasonably* mitigate unplanned increases in project cost, whether caused by
17 known or unforeseen risks, not to account for any and all increases that could
18 potentially occur. The use of a contingency recognizes that construction projects that
19 span across years can be adversely affected by events beyond the utility's control. ESL
20 uses a Monte Carlo simulation to determine the level of contingency for each project
21 that would provide a reasonable level of mitigation of known and unknown risks, but
22 it is possible that some of these risks, if realized, could cause cost increases beyond the
23 contingencies included in the cost estimates.

1

VI. CONCLUSION

2 Q70. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

3 A. Yes, at this time.


AFFIDAVIT

STATE OF Texas

PARISH/COUNTY OF Montgomery

NOW BEFORE ME, the undersigned authority, personally came and appeared, Robert J. Fluth, who after being duly sworn by me, did depose and say:

That the above and foregoing is his sworn testimony in this proceeding and that he knows the contents thereof, that the same are true as stated, except as to matters and things, if any, stated on information and belief, and that as to those matters and things, he verily believes them to be true.



Robert J. Fluth

SWORN TO AND SUBSCRIBED BEFORE ME

THIS 11 DAY OF November 2025



NOTARY PUBLIC

My commission expires: February 5, 2029

