

**GOVERNMENT OF PUERTO RICO
PUERTO RICO ENERGY BUREAU**

IN RE: REVIEW OF THE PUERTO RICO
ELECTRIC POWER AUTHORITY
INTEGRATED RESOURCE PLAN

No. CEPR-AP-2018-0001

SUBJECT: Direct Testimony of Gregory
Rivera Chico

Direct Testimony of

GREGORY RIVERA CHICO

Assistant Division Chief, Planning and Research Division
Puerto Rico Electric Power Authority

February 12, 2019

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1 **I. INTRODUCTION**

2 **A. Witness Identification**

3 **Q. Please state your name, title, employer, and business address.**

4 A. My name is Gregory Rivera Chico. I am Assistant Division Chief, Planning and
5 Research Division, of the Puerto Rico Electric Power Authority (“PREPA” or the
6 “Authority”). My business address is 1110 Ponce de Leon Avenue, San Juan, Puerto
7 Rico 00907.

8 **Q. On whose behalf are you testifying before the Puerto Rico Energy Bureau (the
9 “Energy Bureau”) (formerly known as the Puerto Rico Energy Commission)¹ in this
10 proceeding?**

11 A. I am testifying on behalf of PREPA.

12 **Q. Have you previously provided testimony before the Energy Bureau?**

13 A. Yes, I provided testimony to the Energy Bureau in PREPA’s first rate review proceeding,
14 Case No. CEPR-AP-2015-0001, as well as the Aguirre Site Economic Analysis
15 proceeding, Case No. CEPR-AP-2017-0001.

16 **B. Summary of Direct Testimony**

17 **Q. What are the purposes and subjects of your Direct Testimony?**

18 A. My Direct Testimony addresses the following purposes and subjects:

- 19 1) PREPA’s retention of Siemens Power Technology International
20 (“Siemens”) as PREPA’s integrated resource plan (“IRP”) consultant;

¹ References in my testimony to the Energy Bureau include the former Puerto Rico Energy Commission.

- 21 2) PREPA’s role in the Integrated Resource Plan (“IRP”), in particular
22 PREPA’s provision of information and documents to Siemens for
23 purposes of work on the IRP; and
- 24 3) PREPA’s compliance with Energy Bureau requirements, in particular
25 PREPA’s plan to post the IRP (subject to applicable redactions for
26 confidential material) on PREPA’s web site.

27 Q. **What are your conclusions and recommendations?**

28 A. Siemens was retained in accordance with a request for proposal (“RFP”). PREPA
29 complied appropriately with requests for information and documents by Siemens.
30 Finally, PREPA has sought to comply with the Energy Bureau’s requirements (subject to
31 a Motion for limited waivers) and PREPA plans to post the IRP (subject to applicable
32 redactions for confidential information) on PREPA’s web site. The basis for my
33 conclusions and recommendations is presented below in my testimony.

34 Q. **Are there any exhibits attached to your testimony?**

35 A. Yes. My testimony includes the following attachment:

- 36 • PREPA Exhibit (“Ex.”) 7.01: *My curriculum vitae.*

37 C. **Qualifications and Professional Background**

38 Q. **How long have you been Assistant Division Chief in the Planning and Research**
39 **Division of PREPA and what are your duties and responsibilities in that position?**

40 A. I became Assistant Division Chief of the Planning and Research Division of PREPA in
41 2017. Previously, I became Superintendent – Planning of the Planning and Research

42 Division in 2014. My duties in these positions have been relatively similar. My duties,
43 in brief, are to supervise and coordinate the activities of the Strategic Planning,
44 Forecasting and Statistics, and Engineering Systems Departments of the Planning and
45 Research Division. More detail is found in PREPA Ex. 7.01, which is my *curriculum*
46 *vitae*.

47 Q. **What positions have you previously held at PREPA?**

48 A. My prior positions at PREPA are described in PREPA Ex. 7.01.

49 Q. **Do you hold any professional licenses?**

50 A. Yes. I hold Puerto Rico Professional Engineer License #10857. I am a member of the
51 Puerto Rico Professional College of Engineers and Land Surveyors.

52 Q. **What is your educational background?**

53 A. From 1994-1996, I was enrolled at the Georgia Institute of Technology, from which I
54 obtained a Masters of Science in Electric Engineering with a concentration in power
55 engineering. From 1985-1989, I studied at the University of Hartford, where I obtained a
56 Bachelor's of Science in Electrical Engineering, *summa cum laude*. I have a minor in
57 Mathematics.

58 **II. DISCUSSION**

59 Q. **How did PREPA select Siemens as the consultant for the IRP?**

60 A. PREPA issued a Request for Proposals (RFP) in 2018, seeking proposals for professional
61 services for performing the IRP. PREPA selected Siemens in accordance with this
62 process. PREPA determined that Siemens' proposal qualified and was superior to the

63 proposals of other bidders. The Energy Bureau, pursuant to one of its orders, later (in
64 November 2018) was provided by PREPA with copies of the Siemens contract and of the
65 one amendment of the contract.

66 **Q. Has PREPA provided Siemens with information and documents for the**
67 **performance and completion of the IRP?**

68 A. Yes. As you would expect, Siemens, in order to perform its major role in preparing the
69 analysis required for the IRP, needed, among other things, a vast range of information
70 and documents from PREPA. Many PREPA personnel and departments were involved in
71 collecting and providing the material requested by Siemens. To the best of my
72 knowledge, at all times, PREPA sought to and did provide accurate and complete
73 material to Siemens.

74 **III. PREPA'S COMPLIANCE WITH APPLICABLE REQUIREMENTS**

75 **Q. Has PREPA in its work with Siemens sought to develop an IRP filing that complies**
76 **with all applicable Energy Bureau directives?**

77 A. Yes, provided that PREPA contemporaneously is filing a Motion seeking limited waivers
78 of Energy Bureau directives. Setting that aside, PREPA has worked with Siemens to
79 comply with all applicable Energy Bureau directives.

80 **Q. Is PREPA going to make the IRP accessible on its website?**

81 A. Yes, PREPA plans to do so. In compliance with Regulation No. 9021, § 2.04(B), PREPA
82 will be posting the public version of IRP filing on its website. Portions of the IRP that
83 are designated as confidential are not included in the public version. PREPA is filing a

84 Motion with the Energy Bureau to support and confirm the confidentiality designations.
85 Many of the confidentiality designations involve Critical Energy Infrastructure
86 Information (“CEII”) protected from public disclosure by federal and Puerto Rico law.
87 The Energy Bureau has been very consistent, in my experience, in protecting such
88 materials. Reg. No. 9021, § 2.04(B), provides for withholding of confidential material,
89 including but not limited to CEII, from the website posting.

90 **IV. CONCLUSION**

91 **Q. Does this complete your Direct Testimony?**

92 **A. Yes.**

ATTESTATION

Affiant, Gregory Rivera-Chico, being first duly sworn, states the following: The prepared Pre-Filed Direct Testimony and the information, documents and workpapers attached thereto and the portions of the IRP filing I am sponsoring constitute the direct testimony of Affiant in the above-styled case. Affiant states that he would give the answers set forth in the Pre-Filed Direct Testimony if asked the questions propounded therein at the time of the filing. Affiant further states that, to the best of his knowledge, his statements made are true and correct.



Gregory Rivera-Chico

Affidavit No. 3370

Acknowledged and subscribed before me by Gregory Rivera-Chico, in his capacity as Assistant Division Chief, Planning and Research Division, for the Puerto Rico Electric Power Authority, who is personally known to me or whom I have identified by means of his driver's license number _____, in San Juan, Puerto Rico, this 12th day of February 2019.



Public Notary

EXENTO PAGO ARANCEL
LEY 47
4 DE JUNIO DE 1982

