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2019 APR 15 AM 11:55  
PUCO

April 15, 2019

Ms. Barcy F. McNeal, Secretary  
Public Utilities Commission of Ohio  
180 East Broad Street  
Columbus, Ohio 43215

Re: Case No. 19-0882 -EL-ACP  
Calpine Energy Solutions, LLC  
Public Version of Alternative Energy Resource Portfolio Report for 2018

Dear Ms. McNeal:

On behalf of Calpine Energy Solutions, LLC ("Calpine Solutions"), I am submitting a public version of Calpine Solution's Alternative Energy Resource Portfolio Report ("AERP") for 2018. A motion for protective order was also filed today and a confidential version of this report is being submitted under seal.

Very truly yours,



Justin M. Dortch

cc: Michael Dortch, Esq.  
Bryan White

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Technician TN Date Processed APR 15 2019

FILE

**Staff's Template RPS Compliance Filing Report  
2018 Compliance Year**

Company Name: Calpine Energy Solutions, LLC

Case Number (i.e., XX-XXXX-EL-ACP):

Point of Contact for RPS Filing – Name: Bryan White

Point of Contact for RPS Filing – Email: bryan.white@calpinesolutions.com

Point of Contact for RPS Filing – Phone: 619-684-8200

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Did the Company have Ohio retail electric sales in 2018?

YES ☒

NO ☐

If a CRES with sales in 2018, confirm the sales were conducted either as a power marketer or retail generation provider (i.e., took title to the electricity).

YES ☒

NO ☐

If this RPS report also addresses the compliance obligation of an additional CRES Provider, list the company(-ies). Otherwise, indicate N/A.

N/A

*Note: If the Company indicated zero Ohio retail electric sales in 2018, it need not complete the remainder of this form.*

**I. Annual RPS Compliance Status Report (refer to Ohio Adm.Code 4901:1-40-05)**

*Note: Please complete Section I in its entirety and without redaction.*

**A. Baseline Determination**

1. **SELECT ONE:** To determine its compliance baseline, is the Company proposing to use (a) the 3 year average method or (b) compliance year (2018) sales?



(a) the 3 year average method



(b) compliance year (2018) sales

2. **3 Year Average Calculation** (*Note: years with zero sales should be excluded from calculation of average*)

| Year               | Annual Sales (MWHs) |
|--------------------|---------------------|
| 2015               |                     |
| 2016               |                     |
| 2017               |                     |
| Three Year Average |                     |

3. **Compliance year (2018) sales in MWHs:** 4,057,193

4. Source of reported sales volumes: General Ledger

5. For CRES Providers: if the reported sales volume(s) differs from that in the company's CRES Annual Report(s) for Fiscal Assessment filed with the Commission, provide an explanation below for the difference. Otherwise, indicate N/A.

N/A

**B. Compliance Obligation for 2018**

|           | Required Quantity | Retired Quantity | Tracking System(s) |
|-----------|-------------------|------------------|--------------------|
| Solar     | 7,303             | 7,303            | GATS and M-RETS    |
| Non-Solar | 175,271           | 175,271          | GATS               |

*Note: multiply the proposed baseline by the statutory benchmarks to determine the Required Quantity, with the product rounded to the nearest whole number.*

C. If the Company had a compliance deficiency or compliance excess in a previous year(s) that was rolled forward, describe how that has been incorporated within this filing. Otherwise, indicate N/A.

N/A

D. Complete and file Staff's compliance worksheet along with filing report.

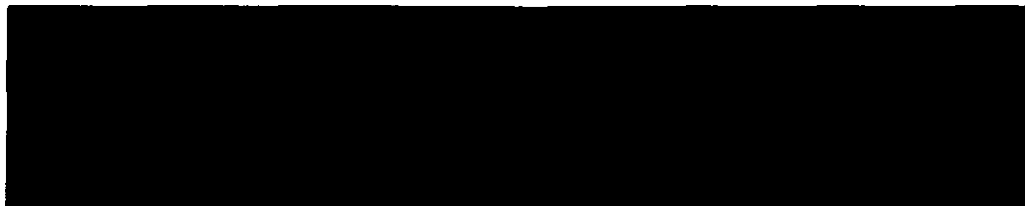
E. If the Company is proposing to pay an alternative compliance payment for all or part of its 2018 compliance obligation, enter that amount here: \$  
Pursuant to Ohio Adm.Code 4901:1-40-08, the obligation is rounded up to the next MWh in the event of a compliance payment.

II. Annual RPS Compliance Planning Report (refer to Ohio Adm.Code 4901:1-40-03(C))

A. Projected (non-binding) baseline for the current and future calendar years.

| Year | Baseline (MWHs) | Non-Solar Requirement | Solar Requirement |
|------|-----------------|-----------------------|-------------------|
| 2019 |                 |                       |                   |
| 2020 |                 |                       |                   |
| 2021 |                 |                       |                   |
| 2022 |                 |                       |                   |
| 2023 |                 |                       |                   |
| 2024 |                 |                       |                   |
| 2025 |                 |                       |                   |
| 2026 |                 |                       |                   |
| 2027 |                 |                       |                   |
| 2028 |                 |                       |                   |

B. Describe the Company's supply portfolio projection, including both generation fleet and power purchases, for the 10 year planning horizon.



C. Describe the methodology used by the Company to evaluate its compliance options.

Calpine Energy Solutions, LLC intends to purchase all required RECs, both solar and non-solar, from suppliers who have received a renewable energy facility certificate from the PUCO, have joined an approved REC registry, and will transfer RECs from the generator's account to the CRES account.

D. Describe any perceived impediments to achieving compliance with the required benchmarks, as well as suggestions for addressing any such impediments.

Calpine Energy Solutions, LLC does not expect any impediments with continued compliance.

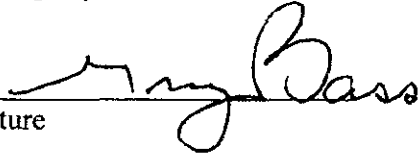
### **III. RPS Administration**

**Please describe any suggestions (non-legislative) the Company may have to make the administration of the Ohio RPS more effective and efficient. Additional communications, enhancements to the RPS webpage, etc.**

Calpine Energy Solutions, LLC has no comments at this time.

COMPETITIVE RETAIL ELECTRIC SERVICE PROVIDER  
RENEWABLE PORTFOLIO STANDARD (RPS) REPORT FOR CALENDAR YEAR 2018

I, Greg Bass, am the duly authorized representative of Calpine Energy Solutions, LLC.  
To the best of my knowledge all the information contained in the foregoing report  
including any exhibits and attachments are true, accurate and complete.

  
Signature

Any questions from the Commission Staff regarding this report should be directed to:

Bryan White at 619-684-8200 or  
Name Phone Number

bryan.white@calpinesolutions.com.  
E-Mail Address

**Compliance Plan Status Report for Compliance Year 2018**  
**Summary Sheet**

|      | Sales<br>Unadjusted (MWHs) | Proposed<br>Adjustments (MWHs) | Sales<br>Adjusted (MWHs) | Source of<br>Sales Volume Data |
|------|----------------------------|--------------------------------|--------------------------|--------------------------------|
| 2015 | 0                          | 0                              | 0                        | (A)                            |
| 2016 | 0                          | 0                              | 0                        | (B)                            |
| 2017 | 0                          | 0                              | 0                        | (C)                            |

Baseline for 2018 Compliance Obligation (MWHs)

4,057,193

(D) = AvgABC

**Not Adjusted**

4.50%

**2018 Statutory Compliance Obligation**

2018 Non-Solar Renewable Benchmark

4.32%

(E)

2018 Solar Renewable Benchmark

0.18%

(F)

Per ORC, 4928.64(B)(2)

**2018 Compliance Obligation**

Non-Solar RECs Needed for Compliance

175,271

(G) = (D) \* (E)

Solar RECs Needed for Compliance

7,303

(H) = (D) \* (F)

**Carry-Over from Previous Year(s), if applicable**

Non-Solar (RECs)

0

(I)

Solar (S-RECs)

0

(J)

**Total 2018 Compliance Obligations**

Non-Solar RECs Needed for Compliance

175,271

(K) = (G) + (I)

Solar RECs Needed for Compliance

7,303

(L) = (H) + (J)

**2018 Retirements (Per GATS and/or MRETS Data)**

Non-Solar (RECs)

175,271

(M)

Solar (S-RECs)

7,303

(N)

**Under Compliance in 2018, if applicable**

Non-Solar (RECs)

0

(O) = (K) - (M)

Solar (S-RECs)

0

(P) = (L) - (N)

**2018 Alternative Compliance Payments**

Non-Solar, per REC (Refer to Case 18-0730-EL-ACP)

\$51.31

(Q)

Solar, per S-REC See 4928.64(C)(2)(a)

\$250.00

(R)

**2018 Payments, if applicable**

Non-Solar Total

\$0.00

(S) = (O) \* (Q)

Solar Total

\$0.00

(T) = (P) \* (R)

TOTAL

\$0.00

(U) = (S) + (T)

*This compliance worksheet was developed by Staff for internal review purposes. However, it may be useful for your company in preparation of its RPS annual compliance status report for the 2018 compliance year. Your company is not required to include this form in its filing, but that is an option. If using this form, your company should insert data in the blue shaded boxes (as applicable). The remaining cells should auto-calculate. However, you should still independently verify the accuracy of the calculations. If the Company is proposing to pay an alternative compliance payment, please refer to OAC 4901:1-40-08 regarding the rounding of obligations. Questions concerning this worksheet can be addressed to Stuart.Siegfried@puco.ohio.gov*