# BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

| In the Matter of DPL Energy Resources, Inc. | ) | Case No. 15-0399-EL-ACP |
|---|---|-------------------------|
| Annual and Ten Year Alternative Energy      | ) |                         |
| Portfolio Status Report and Compliance Plan | ) |                         |

# DPL ENERGY RESOURCES INC. ANNUAL AND TEN YEAR ALTERNATIVE ENERGY PORTFOLIO STATUS REPORT AND COMPLIANCE PLAN

Pursuant to Sections 4901:1-40-05(A)(1) and 4901:1-40-03(C) of the Ohio Administrative Code, DPL Energy Resources, Inc. hereby submits the attached Alternative Energy Portfolio Status Report for calendar year 2014 and Ten Year Renewable Energy Benchmark Compliance Plan.

Respectfully submitted,

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**Annual Alternative Energy Portfolio Status Report** 

Pursuant to Ohio Administrative Code (OAC) Section 4901:1-40-05(A)(1), DPL Energy Resources, Inc. (DPLER) hereby submits its Alternative Energy Portfolio Status Report for calendar year 2014. DPLER is an electric services company within the meaning of Ohio Revised Code (ORC) Section 4928.01(A)(9) and is therefore subject to the renewable benchmarks contained in ORC Section 4928.64(B). The purpose of this report is to provide the Public Utilities Commission of Ohio (PUCO), as well as all interested parties, an understanding as to how DPLER met its 2014 Renewable and Solar Energy Benchmarks.

### 2014 Benchmarks

The 2014 Baseline Sales level was computed by calculating the average of MWh sales in the last three years. The Non-Solar and Solar Compliance Obligations were calculated based on that Baseline Sales level multiplied against the percentage Benchmarks set forth in ORC §4928.64.

| Compliance Plan Status Report for Compliance Year 2014 Summary Sheet                              |   |                                |                          |                             |  |  |  |
|---|---|--------------------------------|--------------------------|-----------------------------|--|--|--|
|   | Sales<br>Unadjusted (MWHs)  | Proposed<br>Adjustments (MWHs) | Sales<br>Adjusted (MWHs) | Source of Sales Volume Data | er e |  |  |
| 011   | 6,028,764   | 0                              | 6,028,764                | DPLER Annual Report         | (A)                                      |  |  |
| 012   | 6,794,702   | 0                              | 6,794,702                | DPLER Annual Report         | (B)                                      |  |  |
| 013   | 7,337,233   | 0                              | 7,337,233                | DPLER Annual Report         | (c)                                      |  |  |
| line for  | 2014 Compliance Obligation (MWHs  | 5)                             | 6,720,233                |                             | (D) = AvgABC                             |  |  |
| 50%   | 2014 Statutory Compliance Obligation 2014 Non-Solar Renewable Benchmark 2014 Solar Renewable Benchmark Per ORC, 4928.64(B)(2) |                                | 2.38%<br>0.12%           | ]                           | (E)<br>(F)                               |  |  |
| 2014 Compliance Obligation  Non-Solar RECs Needed for Compliance Solar RECs Needed for Compliance |   |                                | 159,94<br>8,06           |                             | (G) = (D) * (E)<br>(H) = (D) * (F)       |  |  |
|   | Carry-Over from Previous Year(s), if applicable Non-Solar (RECs) Solar (S-RECs)   |                                | 0                        |                             | (I)<br>(J)                               |  |  |
|   | Total 2014 Compliance Obligations Non-Solar RECs Needed for Com Solar RECs Needed for Complian                                | pliance                        | 159,94:<br>8,06          |                             | (K) = (G) + (I)<br>(L) = (H) + (J)       |  |  |
|   | 2014 Performance (Per GATS or M<br>Non-Solar (RECs)<br>Solar (S-RECs)   | RETS Data)                     | 159,942<br>8,064         |                             | (M)<br>(N)                               |  |  |
|   | Under Compliance in 2014, if applie<br>Non-Solar (RECs)<br>Solar (S-RECs)   | cable                          |                          | 4                           | (O) = (K) - (M)<br>(P) = (L) - (N)       |  |  |
|   | 2014 Alternative Compliance Paym<br>Non-Solar, per REC (Refer to Case<br>Solar, per S-REC - per 4928.64(C)                    | e 14-0746-EL-ACP)              | \$49.22<br>\$300.00      | 4                           | (Q)<br>(R)                               |  |  |
|   | 2014 Payments, if applicable<br>Non-Solar Total   |                                | \$0.00                   | 1                           | (S) = (O) * (Q)                          |  |  |

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 2014 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. Questions concerning this worksheet can be addressed to Stuart.Siegfried@puc.state.oh.us

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

(U) = (S) + (T)

\$0.00

Solar Total

TOTAL

# 2014 Status Report

As shown in the above summary sheet, DPLER met each of the Benchmarks set forth above in 2014.

Pursuant to ORC §4928.645, RECs that were purchased by DPLER are usable within a five-year period. Any RECs held by DPLER in excess of its 2014 Benchmarks will be applied to future year benchmarks.

### 2014 Activities

DPLER's utility affiliate Dayton Power and Light (DP&L), filed its initial renewable compliance plan in its Electric Security Plan (ESP) (Case No. 08-1094-EL-SSO) in October 2008. That plan stated that the Company as a whole planned to procure renewable resources and/or RECs to meet the Benchmarks of both the utility and DPLER. In its Order of June 24, 2009, the Commission approved a Stipulation reached in that proceeding and other aspects of the filing not modified by the Stipulation. The plan also called for the purchase of RECs in the near-term. DP&L obtained sufficient RECs to cover its, as well as DPLER's, Benchmarks.

## Conclusion

As demonstrated above, DPLER met each of the 2014 Renewable Benchmarks established by Ohio SB 221.

DPL Energy Resources, Inc.

Renewable Energy Benchmark
10 Year Compliance Plan

Dated: April 15, 2015

Pursuant to Ohio Administrative Code (OAC) Section 4901:1-40-03(C), DPL Energy Resources, Inc. (DPLER) hereby submits its ten year renewable energy benchmark compliance plan. DPLER is an electric services company as defined by Ohio Revised Code (ORC) Section 4928.01(A)(9) and is therefore subject to the renewable benchmarks contained in ORC §4928.64. The purpose of this plan is to provide the Public Utilities Commission of Ohio (PUCO or Commission), as well as all interested parties, an understanding as to how DPLER plans to achieve those benchmarks.

### Baseline

ORC §4928.643 specifies that an electric services company's renewable energy benchmarks may be based on either the previous three years kilowatt-hours of electricity sold to any and all retail electric consumers in the state, or the total kilowatt hours sold in the applicable compliance year. Sales used for the baseline should be based on the kilowatt-hour sales in the electric services company's most recent quarterly market-monitoring reports.

The chart below shows DPLER's renewable energy and solar benchmarks for the next ten years consistent with the Commission's rules.

DPLER's Forecasted 10 Year Retail Sales and Renewable Requirements

|      | DPLER's Annual<br>Baseline SB 221<br>Requirement* | SB 221 Compliance Requirement % |                          |           | Solar<br>Requirement |
|------|---|---------------------------------|--------------------------|-----------|----------------------|
| Year | MWh   | Renewable<br>Energy Resource    | Solar Energy<br>Resource | Total MWh | Total MWh            |
| 2014 | 6,720,233   | 2.50%                           | 0.12%                    | 159,942   | 8,064                |
| 2015 | 6,720,233   | 2.50%                           | 0.12%                    | 159,942   | 8,064                |
| 2016 | 6,720,233   | 2.50%                           | 0.12%                    | 159,942   | 8,064                |
| 2017 | 6,720,233   | 3.50%                           | 0.15%                    | 225,128   | 10,080               |
| 2018 | 6,720,233   | 4.50%                           | 0.18%                    | 290,314   | 12,096               |
| 2019 | 6,720,233   | 5.50%                           | 0.22%                    | 354,828   | 14,785               |
| 2020 | 6,720,233   | 6.50%                           | 0.26%                    | 419,343   | 17,473               |
| 2021 | 6,720,233   | 7.50%                           | 0.30%                    | 483,857   | 20,161               |
| 2022 | 6,720,233   | 8.50%                           | 0.34%                    | 548,371   | 22,849               |
| 2023 | 6,720,233   | 9.50%                           | 0.38%                    | 612,885   | 25,537               |

#### **Assumptions**

# **Compliance Plan**

DPLER's utility affiliate, The Dayton Power and Light Company (DP&L), filed its initial renewable compliance plan in its Electric Security Plan (ESP) (Case No. 08-1094-EL-SSO) in October 2008. That plan stated that the Company as a whole planned to procure renewable resources and/or Renewable Energy Credits (RECs) on behalf of both the utility and DPLER. That plan was approved by Commission Order dated June 24, 2009.

<sup>\*</sup> Baseline SB 221 Requirements are based on average MWh sales made in the state from the preceding three calendar years. Requirements beyond 2014 are forecasted assuming annual sales in those years are recorded at 2014 levels, and thus, subject to change.

<sup>\*\*</sup>SB221 Compliance Requirement % have incorporated SB310 impacts of the 'freeze' for 2015 and 2016, resuming in 2017 at the 2015 levels of current law.

On a going forward basis, it is expected that DP&L will continue to procure renewable resources and/or RECs on behalf of both the utility and DPLER. Thus, this compliance plan is largely dependent on the success of DP&L's plan to meet the renewable and solar requirements set out in Senate Bill 221 (SB 221) for both the utility and DPLER. Through DP&L's efforts, DPLER plans to obtain RECs in the near-term combined with potential new renewable generation and additional REC purchases in the mid- to longer-term planning horizon.

#### Non-Solar Renewable Benchmarks

DPLER continues to expect to meet the Non-Solar Benchmarks through an allocated share of RECs purchased by DP&L. In the longer-term, compliance will be through a combination of REC purchases and, where feasible, deliverable and economically beneficial, through the purchase of electricity and associated RECs from renewable facilities located out of state.

#### Solar Renewable Benchmarks

DPLER plans to meet its Solar Benchmarks through an allocated share of RECs purchased by DP&L where economically available and by self producing at the DPLER owned and customer located 60 kW Mound Solar facility. This facility became operational on June 29, 2010, PUCO certified renewable (Case No. 10-2836-EL-REN) on January 28, 2011 and is capable of producing an estimated 73 MWh annually. DPLER may incrementally build solar generation facilities in coordination with its customers. In the longer-term, compliance will be through a combination of REC purchases and, where feasible, deliverable and economically beneficial, through the purchase of electricity and associated RECs from renewable facilities located out of state.

#### Conclusion

DPLER intends to meet the Renewable Energy Benchmarks in the most costeffective way possible. DP&L has committed to meet DPLER's Renewable and Solar Benchmarks for the near term. This foregoing document was electronically filed with the Public Utilities

**Commission of Ohio Docketing Information System on** 

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in

Case No(s). 15-0399-EL-ACP

Summary: Annual Report In the Matter of Energy Resources, Inc. Annual and Ten Year Alternative Energy Portfolio Status Report and Compliance Plan. electronically filed by Ms. Jenna C. Johnson on behalf of DPL Energy Resources Inc.