

In the Matter of Linde Energy Services Inc.)	
Annual Alternative Energy Portfolio Status Report)	
and Plan for Compliance with Future Annual)	Case No. 16-0700-EL-ACP
Advanced and Renewable Energy Benchmarks)	

Linde Energy Services Inc. (LESI) is a Competitive Retail Electric Service (CRES) Provider, as defined in Ohio Revised Code §4928.01 (A)(4), and an electric service company as defined within O.R.C. §4928.01(A)(9). LESI is a wholly owned subsidiary of Linde LLC, and is a non-regulated member of the American Electric Power, Inc. system. LESI currently provides electric supply to industrial customers within the state of Ohio.

II. COMPLIANCE WITH 2015 BENCHMARKS

Under Ohio Rev. Code §4928.64 (B)(2) and Ohio Admin. Code § 4901:1-40-03(A)(2), for the year 2015, electric service companies must demonstrate that 2.38% of the retail electricity they sold was derived from non solar renewable energy resources. In addition, electric service companies must demonstrate that 0.12% of the retail electricity they sold was derived from solar energy resources. These benchmarks are determined by first calculating a baseline number of kilowatt hours and then applying the benchmark percentages to that baseline.

A. Initial Baseline Calculation

LESI however, has chosen to use its 2015 total kilowatt hours sold as its baseline for compliance in 2015. In such a case, Ohio Admin. Code §4928:643 (B) under SB 310 provides:

Beginning with compliance year 2014, a utility or company may choose for its baseline for compliance with the qualified renewable energy resource requirements of section 4928.64 of the Revised Code to be the total kilowatt hours sold to the applicable consumers, as described in division (A)(1) or (2) of this section, in the applicable compliance year.

B. 2015 Renewable and Solar Energy Benchmarks

Using, 81,215 MWH as its 2015 baseline, LESI's calculation of its benchmarks for electricity generated from renewable and solar energy resources for the 2015 is as follows:

TABLE 1
LINDE ENERGY SERVICES INC.
2015 RENEWABLE ENERGY BENCHMARK

Year	Actual Load (MWH)	Non-Solar	Solar
2015	81,215	1933	98

C. Compliance with 2015 Renewable Energy Benchmarks

Pursuant to Ohio Rev. Code §4928.65, electric service companies may meet their renewable energy benchmarks through the use of renewable energy credits (RECs).

1. **Non-Solar:** Through the use of brokers, LESI has purchased sufficient RECs to satisfy the non-solar requirement for 2015.
2. **Solar:** Through the use of brokers, LESI purchased sufficient RECs to satisfy its solar requirement for 2015.

A summary of LESI's compliance efforts in 2015 is as follows:

TABLE 2
LINDE ENERGY SERVICES INC.
2015 RENEWABLE ENERGY COMPLIANCE EFFORTS

Year	Actual Load (MWH)	Non-Solar	Solar
2015	81,215	1933	98

D. LESI's Compliance Strategy

LESI's renewable energy compliance strategy for 2015 was to purchase RECs through market brokers. LESI will continue to utilize the broker market to satisfy its compliance obligation.

III. PLAN FOR COMPLIANCE WITH FUTURE ANNUAL ADVANCED ENERGY AND RENEWABLE ENERGY BENCHMARKS

Ohio Administrative Code Rule 4901:1-40-03(C) requires all Ohio electric services companies to file an annual "plan for compliance with future annual advanced- and renewable-energy benchmarks, including solar, utilizing at least a ten-year planning horizon." This plan must contain at least the following four items:

1. Baseline for current and future calendar years.
2. Supply portfolio projection, including both generation fleet and power purchases
3. A description of the methodology used by the company to evaluate its compliance options
4. A discussion of any perceived impediments to achieving compliance with required benchmarks, as well as suggestions for addressing any such impediments.

O.A.C. 4901:1-40-03(C)(1)-(4).

LESI began serving customers in the second quarter of 2012, and continues to grow and establish new customers. Below are current and forecasted sales volumes, along with corresponding REC requirements for the years 2015-2025.

TABLE 3
LINDE ENERGY SERVICES INC.
CURRENT AND TEN YEAR RENEWABLE ENERGY FORECAST

Year	Projected Load (MWH)	Non-Solar,	Solar
2015	81,215	1933	98
2016	95,000	2261	114
2017	95,000	3182.5	142.5
2018	95,000	4104	171
2019	95,000	5016	209
2020	95,000	5928	247
2021	95,000	6840	285
2022	95,000	7752	323
2023	95,000	8664	361
2024	95,000	9576	399
2025	95,000	10488	437

As a CRES provider, LESI does not own any electric generation facilities. LESI will continue to supply power to its customers by purchasing power through the wholesale electricity market. LESI will continue to meet its alternative energy benchmarks through the purchasing of RECs and solar RECs, through the use of market brokers and producer contacts. Apart from generalized supply and pricing constraints, LESI does not anticipate significant impediments in acquiring the RECs required to meet its alternative energy benchmarks for future years.

IV. CONCLUSION

Based on the foregoing, LESI respectfully requests that the Commission find that LESI has complied with the applicable renewable energy benchmarks for 2015.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael Messer", written over a horizontal line.

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This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

4/15/2016 11:53:24 AM

in

Case No(s). 16-0700-EL-ACP

Summary: Annual Report Linde Energy Services, Inc. 2015 Annual Alternative Energy Status Report. electronically filed by Mr. Michael Messer on behalf of Linde Energy Services, Inc.