## COMPETITIVE RETAIL ELECTRIC SERVICE PROVIDER ALTERNATIVE ENERGY RESOURCES REPORT FOR CALENDAR YEAR 2016

Cincinnati Bell Energy, LLC, (hereinafter "CRES"), in accordance with Sections 4928.64 and 4928.65, Revised Code and Commission Rules 4901:11-40-03 and 4901:1-40-05, hereby submits this Annual Alternative Energy Report ("AER") detailing compliance with Ohio Alternative Energy Portfolio Standards ("OH AEPS").

- I. Determination that an Alternative Energy Resource Report is Required
  - During Calendar year 2016, the CRES states that it conducted retail sales of generation to customers who utilized the generation in a load center located within the state of Ohio.
- II. Determination of the sales baseline for 2016
  - a. during the past three calendar years, the CRES made retail sales of generation in the amounts shows below:
    - i. 2013-133,295 MWh
    - ii. 2014- 179,749 MWh
    - iii. 2015- 139,800 MWh
- III. Determination of the number of solar and total Renewable Energy Credits (RECs) required and statement of the number of RECs Claimed.

Renewable Energy Credits Required And Obtained For 2016							
Types	No. of RECs Required(a)	No. of RECs obtained (b)	Registry ( c )				
Solar	181	181	GATS				
Non-Solar	3,593	3,593	GATS				
Total	3,774	3,658	GATS				

- a. Column (a) above lists the unadjusted number of Solar and Total RECs Required for the CRES in 2016.
- b. The CRES states that it has obtained the number of Solar and Non Solar RECs listed in column (b) above for 2016.
- c. The CRES used the PJM GATS registry for the RECs detailed above. Please note that the GATS account holder is Viridian energy PA LLC ("VEPA"), an affiliate of the CRES. Both the CRES and VEPA are wholly owned subsidiaries of Regional Energy Holdings, Inc (REHI), and VEPA is the entity under which REHI serves most of its electricity load in the PJM territory.

## IV. Compliance

a. CRES states that it has obtained the required number of Solar RECs and Total RECs without adjustments permitted pursuant to Rule 4901:1-40-05(A)(3).

### V. Ten Year Forecast

a. In accordance with Rule 4901:1-40-03(0) the CRES hereby provides a projection for the next 10 years for RECs and Solar RECs.

Year	Non-Solar RECs	Solar RECs	Total RECs
Teal	Non-Solal NECS	Solal RECS	Total NECS
2017	4,683	210	4,893
2018	6,658	277	6,936
2019	8,545	356	8,901
2020	10,603	442	11,045
2021	12,847	535	13,382
2022	15,287	637	15,924
2023	17,940	748	18,688
2024	20,820	868	21,688
2025	23,943	998	24,941
2026	27,326	1,139	28,465

## b. Supply portfolio projection

The CRES does not own any generation assets that can be utilized for Ohio compliance. CRES intends to purchase both Solar and Non-Solar RECs from generators who have been certified as renewable from PUCO, have joined an approved REC registry and will transfer RECs from the generator's account to the CRES account.

## c. Methodology used to evaluate compliance

CRES has used internal forecasting methods to forecast our retail sales over the next ten years, and multiplied the annual sales by the then-current Ohio Alternative Energy Portfolio Standards percentage.

d. Comments on any perceived impediment(s) to achieving compliance with the Solar and Non-Solar REC requirements, as well as any discussion addressing such impediments.

CRES does not have any comments at this time.

# COMPETITIVE RETAIL ELECTRIC SERVICE PROVIDER ALTERNATIVE ENERGY RESOURCES REPORT FOR CALENDAR YEAR 2016

I, David Greenwood, am a duly authorized representative of Cincinnati Bell Energy, LLC, and state, to the best of my knowledge and ability, all the information contained in the foregoing Competitive Retail Electric Service Provider Alternative Energy Resources Report for Calendar Year 2016, including any exhibits and attachments, are true, accurate and complete.

David Greenwood

Manager - Renewable Energy Supply

### Compliance Plan Status Report for Compliance Year 2016 Summary Sheet

	Sales	Proposed	Sales	Source of	
	Unadjusted (MWHs)	Adjustments (MWHs)	Adjusted (MWHs)	Sales Volume Data	
2013	133,295	0	133,295		(A)
2014	179,749	0	179,749		(B)
2015	139,800	0	139,800		(c)
	r 2016 Compliance Obligation (MWI		150,948 in box to right if 2016 sales are a	ndjusted or not.	(D) = AvgABC  i.e., Not Adjusted
2.50%	2016 Statutory Compliance Obli	gation			
	2016 Non-Solar Renewable Bend		2.38%	1	(E)
	2016 Solar Renewable Benchmar	·k	0.12%		(F)
	Per R.C., 4928.64(B)(2)			•	
	2016 Compliance Obligation			ı	(0) (0) + (0)
	Non-Solar RECs Needed for Co		3,593		(G) = (D) * (E)
	Solar RECs Needed for Compli	ance	181		(H) = (D) * (F)
	Carry-Over from Previous Year(s	), if applicable			
	Non-Solar (RECs)		0		(1)
	Solar (S-RECs)		0		(J)
	Tatal 2016 Camplianas Obligatio				
	Total 2016 Compliance Obligation		3,593	Í	(K) = (G) + (I)
	Non-Solar RECs Needed for Co	11.00 To 10.00 To 10.	181		(L) = (H) + (J)
	Solar RECs Needed for Compli	ance	181		(L) = (N) + (J)
	2016 Performance (Per GATS an	d/or MRETS Data)		an management managemen	
	Non-Solar (RECs)		3,593		(M)
	Solar (S-RECs)		181		(N)
	Under Compliance in 2016, if ap	nlicable			
	Non-Solar (RECs)	plicable	0	ľ	(O) = (K) - (M)
	Solar (S-RECs)		0		(P) = (L) - (N)
	20191 (2-VEC2)		0		(F) = (C) = (N)
	2016 Alternative Compliance Pa	yments	The state of the s		
	Non-Solar, per REC (Refer to C	The second second by the second secon	\$49.96		(Q)
	Solar, per S-REC (Refer to R.C.	4928.64(C)(2)(a))	\$300.00	enemparantemensus	(R)
	2016 Payments, if applicable				
	Non-Solar Total		\$0.00		(S) = (O) * (Q)
	Solar Total		\$0.00		(T) = (P) * (R)
	TOTAL		\$0.00		(U) = (S) + (T)
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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 2016 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

For details on determining your compliance baseline, please refer to 4928.643, Ohio Revised Code (ORC), and 4901:1-40-03 of the Ohio Administrative Code (OAC).

Questions may also be posed to Staff at the following email address:

AEPS@puc.state.oh.us

Viridian Energy PA LLC - Subaccount Details - OH - Jan 2016 - Dec 2016

ate Quantity	65 6	67 11	109			28	2.6		3
Certificate Sezial Numbers	1401150 - 60 to	PA SUN 1599588 - 57 to 67	SUN 1614468 - 1 to 109	OH SUN 1744846 - 1 to 27	OH SUN 1748082 - 1 to 3	OH SUN 1743256 - 1 to 28	WV WAT 1582945 - 14222 to 17651	IN WH 2447927 - 501 to 724	
Fuel	SUN	SUN	SUN	SUN	SUN	SUN	WAT	WH	
State	l PA	PA	PA	НО	НО	НО	MA	Z	-
Facility Name	Carlisle Area School District - Carlisle Area School PA SUN 1401150 - 60 to 65 District	UGID Steelton Solar - UGID Steelton Solar	PL PA SOLAR 1 SP - 1	Old Trail School - Old Trail School	Old Trail School - Old Trail School	Old Trail School - Old Trail School	OH 2012 RPS Compliance   DEOK   07/2015   MSET89504101   AEP SUMMERVILLE 1-2 H - 1	Heat Recovery Coke Facility - TG18	
Unit D	NON45753	NON51552	MSET31672101	NON96725	NON96725	NON96725	MSET89504101	NON34079	
Zone Month/ Name Year	04/2015	08/2015	08/2015	09/2015	10/2015	08/2015	07/2015	10/2016	
Zone Name	DEOK	DEOK	DEOK	DEOK	DEOK	DEOK	DEOK	DEOK	
Subaccount Name	OH 2012 RPS Compliance   DEOK   04/2015   NON45753	OH 2012 RPS Compliance DEOK 08/2015 NON51552	OH 2012 RPS Compliance   DEOK   08/2015   MSET31672101   PL PA SOLAR 1 SP - 1	OH 2012 RPS Compliance   DEOK   09/2015   NON96725	OH 2012 RPS Compliance   DEOK   10/2015   NON96725	OH 2012 RPS Compliance DEOK 08/2015 NON96725	OH 2012 RPS Compliance	OH 2012 RPS Compliance DEOK 10/2016 NON34079	Total

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Deposil Date	Yes \$48.00 2016 03/27/2017	Yes \$39.79 2016 03/27/2017	\$60.00 2016 03/27/2017	\$16.00 2016 03/27/2017	\$16.00 2016 03/27/2017	03/27/2017	03/27/2017	\$0.60 2016 03/27/2017	
RPS Period	2016	2016	2016	2016	2016	2016	\$1.83 2016	2016	
RPS Price	\$48.00	\$39.79	\$60.00	\$16.00	\$16.00	\$16.00 2016	\$1.83	\$0.60	
RPS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
OH Renewable RPS							Yes	Yes	
OH Solar	Yes	Yes	Yes	Yes	Yes	Yes			
State Certification Number	11-SPV-PA-GATS-0250 Yes	11-SPV-PA-GATS-3178	13-SPV-PA-GATS-0681	15-SPV-OH-GATS-0340	15-SPV-OH-GATS-0340	15-SPV-OH-GATS-0340	09-HYD-WV-GATS-0082	16-WER-IN-GATS-0188	

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Case No(s). 17-0968-EL-ACP

Summary: Report Cincinnati Bell Energy, LLC RPS Compliance Report electronically filed by Aleksandra Petunova on behalf of Cincinnati Bell Energy, LLC