Ohio | Public Utilities Commission

Original CRS	Version
Case Number	May 2016

019 FEB -8 AM 11:2

1

EULIVED-DOCKETING DIV

### RENEWAL APPLICATION FOR RETAIL GENERATION PROVIDERS AND POWER MARKETERS

Please print or type all required information. Identify all attachments with an exhibit label and title (Example: Exhibit C-10 Corporate Structure). All attachments should bear the legal name of the Applicant. Applicants should file completed applications and all related correspondence with the Public Utilities Commission of Ohio, Docketing Division; 180 East Broad Street, Columbus, Ohio 43215-3793.

This PDF form is designed so that you may input information directly onto the form. You may also download the form, by saving it to your local disk, for later use.

### A. <u>RENEWAL INFORMATION</u>

#### A-1 Applicant intends to be renewed as: (check all that apply)

Retail Generation Provider Power Marketer □ Power Broker □ Aggregator

# A-2 Applicant's legal name, address, telephone number, PUCO certificate number, and web site address

Legal Name <u>SmartEnergy Holdings, LLC</u> Address <u>400 Madison Avenue, RM 9A New York NY 10017</u> PUCO Certificate # and Date Certified <u>13-646E (1) 3/11/2013</u> Telephone #<u>(212) 779-7000</u> Web site address (if any) <u>www.smartenergy.com</u>

# A-3 List name, address, telephone number and we b site address under which Applicant does business in Ohio

 Legal Name
 SmartEnergy Holdings, LLC

 Address
 400 Madison Avenue, RM 9A New York NY 10017

 Telephone #(212) 779-7000
 Web site address (if any) www.smartenergy.com

This is to certify that the images appearing are an accurate and complete reproduction of a case file document delivered in the regular course of business. Technician \_\_\_\_\_\_ Date Processed \_\_\_\_\_\_ 02\_08\_19\_\_\_\_ Ul

#### 

#### A-5 Contact person for regulatory or emergency matters

Name Dan Kern		
Title CEO		
Business address 400	Madison Avenue, RM 9A N	New York NY 10017
Telephone # (212) 779-	7000 F	Fax # (212) 779-3061
E-mail address	regulatory@smartenergy	/.com

#### A-6 Contact person for Commission Staff use in investigating customer complaints

Name Jackie Kern			
Title CMO			
Business address 40	0 Madison Aver	ue, RM 9A New York NY 10017	
Telephone # (212) 77		Fax # (212) 779-3061	
E-mail address	Jackie.Kern	@smartenergy.com	

#### A-7 Applicant's address and toll-free number for customer service and complaints

 Customer Service address 106 Maplewood drive, Hazleton, PA 18202

 Toll-free Telephone #(800) 443-4440
 Fax # (800) 443-4440

 E-mail address
 customer.care@smartenergy.com

#### A-8 Applicant's federal employer identification number # 45-4166532

#### A-9 Applicant's form of ownership (check one)

Sole ProprietorshipDescriptionLimited Liability Partnership (LLP)Imited Liability Company (LLC)CorporationOther \_\_\_\_\_\_

#### PROVIDE THE FOLLOWING AS SEPARATE ATTACHMENTS AND LABEL AS INDICATED:

A-10 <u>Exhibit A10 "Principal Officers, Directors & Partners"</u> provide the names, titles, addresses and telephone numbers of the applicant's principal officers, directors, partners, or other similar officials.

## B. MANAGERIAL CAPABILITY AND EXPERIENCE

### PROVIDE THE FOLLOWING AS SEPARATE ATTACHMENTS AND LABEL AS INDICATED:

- **B-1** Exhibit B-1 "Jurisdictions of Operation," provide a list of all jurisdictions in which the applicant or any affiliated interest of the applicant is, at the date of filing the application, certified, licensed, registered, or otherwise authorized to provide retail or wholesale electric services.
- **B-2** Exhibit B-2 "Experience & Plans," provide a description of the applicant's experience and plan for contracting with customers, providing contracted services, providing billing statements, and responding to customer inquiries and complaints in accordance with Commission rules adopted pursuant to Section 4928.10 of the Revised Code.
- **B-3** Exhibit B-3 "Disclosure of Liabilities and Investigations," provide a description of all existing, pending or past rulings, judgments, contingent liabilities, revocation of authority, regulatory investigations, or any other matter that could adversely impact the applicant's financial or operational status or ability to provide the services it is seeking to be certified to provide.
- B-4 Disclose whether the applicant, a predecessor of the applicant, or any principal officer of the applicant have ever been convicted or held liable for fraud or for violation of any consumer protection or antitrust laws within the past five years.
  ☑ No □ Yes

If yes, provide a separate attachment labeled as **Exhibit B-4 "Disclosure of Consumer Protection Violations**" detailing such violation(s) and providing all relevant documents.

B-5 Disclose whether the applicant or a predecessor of the applicant has had any certification, license, or application to provide retail or wholesale electric service denied, curtailed, suspended, revoked, or cancelled within the past two years.
 ☑ No □ Yes

If yes, provide a separate attachment labeled as <u>Exhibit B-5 "Disclosure of</u> <u>Certification Denial, Curtailment, Suspension, or Revocation"</u> detailing such action(s) and providing all relevant documents.

## C. <u>FINANCIAL CAPABILITY AND EXPERIENCE</u>

### PROVIDE THE FOLLOWING AS SEPARATE ATTACHMENTS AND LABEL AS INDICATED:

C-1 <u>Exhibit C-1 "Annual Reports,"</u> provide the two most recent Annual Reports to Shareholders. If applicant does not have annual reports, the applicant should provide similar information in Exhibit C-1 or indicate that Exhibit C-1 is not applicable and why. (This is generally only applicable to publicly traded companies who publish annual reports.)

- C-2 <u>Exhibit C-2 "SEC Filings,"</u> provide the most recent 10-K/8-K Filings with the SEC. If the applicant does not have such filings, it may submit those of its parent company. An applicant may submit a current link to the filings or provide them in paper form. If the applicant does not have such filings, then the applicant may indicate in Exhibit C-2 that the applicant is not required to file with the SEC and why.
- C-3 <u>Exhibit C-3 "Financial Statements,"</u> provide copies of the applicant's two most recent years of audited financial statements (balance sheet, income statement, and cash flow statement). If audited financial statements are not available, provide officer certified financial statements. If the applicant has not been in business long enough to satisfy this requirement, it shall file audited or officer certified financial statements covering the life of the business. If the applicant does not have a balance sheet, income statement, and cash flow statement, the applicant may provide a copy of its two most recent years of tax returns (with social security numbers and account numbers redacted).
- C-4 <u>Exhibit C-4 "Financial Arrangements,"</u> provide copies of the applicant's financial arrangements to conduct CRES as a business activity (e.g., guarantees, bank commitments, contractual arrangements, credit agreements, etc.,).

Renewal applicants can fulfill the requirements of Exhibit C-4 by providing a current statement from an Ohio local distribution utility (LDU) that shows that the applicant meets the LDU's collateral requirements.

First time applicants or applicants whose certificate has expired as well as renewal applicants can meet the requirement by one of the following methods:

1. The applicant itself stating that it is investment grade rated by Moody's, Standard & Poor's or Fitch and provide evidence of rating from the rating agencies.

2. Have a parent company or third party that is investment grade rated by Moody's, Standard & Poor's or Fitch guarantee the financial obligations of the applicant to the LDU(s).

3. Have a parent company or third party that is not investment grade rated by Moody's, Standard & Poor's or Fitch but has substantial financial wherewithal in the opinion of the Staff reviewer to guarantee the financial obligations of the applicant to the LDU(s). The guarantor company's financials must be included in the application if the applicant is relying on this option.

4. Posting a Letter of Credit with the LDU(s) as the beneficiary.

If the applicant is not taking title to the electricity or natural gas, enter "N/A" in Exhibit C-4. An N/A response is only applicable for applicants seeking to be certified as an aggregator or broker.

- C-5 <u>Exhibit C-5 "Forecasted Financial Statements,"</u> provide two years of forecasted income statements for the applicant's ELECTRIC related business activities in the state of Ohio Only, along with a list of assumptions, and the name, address, email address, and telephone number of the preparer. The forecasts should be in an annualized format for the two years succeeding the Application year.
- C-6 <u>Exhibit C-6 "Credit Rating,"</u> provide a statement disclosing the applicant's credit rating as reported by two of the following organizations: Duff & Phelps, Fitch IBCA, Moody's Investors Service, Standard & Poor's, or a similar organization. In instances where an applicant does not have its own credit ratings, it may substitute the credit ratings of a parent or an affiliate organization, provided the applicant submits a statement signed by a principal officer of the applicant's parent or affiliate organization that guarantees the obligations of the applicant. If an applicant or its parent does not have such a credit rating, enter "N/A" in Exhibit C-6.
- C-7 <u>Exhibit C-7 "Credit Report,"</u> provide a copy of the applicant's credit report from Experian, Dun and Bradstreet or a similar organization. An applicant that provides an investment grade credit rating for Exhibit C-6 may enter "N/A" for Exhibit C-7.
- C-8 <u>Exhibit C-8 "Bankruptcy Information,"</u> provide a list and description of any reorganizations, protection from creditors or any other form of bankruptcy filings made by the applicant, a parent or affiliate organization that guarantees the obligations of the applicant or any officer of the applicant in the current year or within the two most recent years preceding the application.
- C-9 <u>Exhibit C-9 "Merger Information,"</u> provide a statement describing any dissolution or merger or acquisition of the applicant within the two most recent years preceding the application.
- C-10 Exhibit C-10 "Corporate Structure." provide a description of the applicant's corporate structure, not an internal organizational chart, including a graphical depiction of such structure, and a list of all affiliate and subsidiary companies that supply retail or wholesale electricity or natural gas to customers in North America. If the applicant is a stand-alone entity, then no graphical depiction is required and applicant may respond by stating that they are a stand-alone entity with no affiliate or subsidiary companies.

## **D. TECHNICAL CAPABILITY**

PROVIDE THE FOLLOWING AS SEPARATE ATTACHMENTS AND LABEL AS INDICATED:

- Exhibit D-1 "Operations" provide a written description of the operational nature of the **D-1** applicant's business. Please include whether the applicant's operations include the generation of power for retail sales, the scheduling of retail power for transmission and delivery, the provision of retail ancillary services as well as other services used to arrange for the purchase and delivery of electricity to retail customers.
- **D-2** Exhibit D-2 "Operations Expertise," given the operational nature of the applicant's business, provide evidence of the applicant's experience and technical expertise in performing such operations.
- **D-3** Exhibit D-3 "Key Technical Personnel," provide the names, titles, e-mail addresses, telephone numbers, and the background of key personnel involved in the operational aspects of the applicant's business.
- **D-4** Exhibit D-4 "FERC Power Marketer License Number," provide a statement disclosing the applicant's FERC Power Marketer License number. (Power Marketers only)

CMO

Signature of Applicant and Title

Sworn and subscribed before me this 1<sup>St</sup> day of <u>February</u>, 2019 Month Year <u>Suzette M-Wint</u>, Notary Public Print Name and Title SUZETTE M WINT Notary Public - State of New York My commission expires on Mre 11, 20 22 NO. 01WI6376290 Qualified in Kings County My Commission Expires Jun 11, 2022

# <u>AFFIDAVIT</u>

State of <u>NEW York</u> :

County of New York :

Jacqueline Vern Affiant, being duly sworn/affirmed according to law, deposes and says that: He/Sho is the <u>CMD</u> (Office of Affiant) of <u>ACG velle Vern</u> (Name of Applicant);

That he/she is authorized to and does make this affidavit for said Applicant,

- 1. The Applicant herein, attests under penalty of false statement that all statements made in the application for certification renewal are true and complete and that it will amend its application while the application is pending if any substantial changes occur regarding the information provided in the application.
- The Applicant herein, attests it will timely file an annual report with the Public Utilities Commission of Ohio of its intrastate gross receipts, gross earnings, and sales of kilowatt-hours of electricity pursuant to Division (A) of Section 4905.10, Division (A) of Section 4911.18, and Division (F) of Section 4928.06 of the Revised Code.
- 3. The Applicant herein, attests that it will timely pay any assessments made pursuant to Sections 4905.10, 4911.18, or Division F of Section 4928.06 of the Revised Code.
- 4. The Applicant herein, attests that it will comply with all Public Utilities Commission of Ohio rules or orders as adopted pursuant to Chapter 4928 of the Revised Code.
- 5. The Applicant herein, attests that it will cooperate fully with the Public Utilities Commission of Ohio, and its Staff on any utility matter including the investigation of any consumer complaint regarding any service offered or provided by the Applicant.
- 6. The Applicant herein, attests that it will comply with all state and/or federal rules and regulations concerning consumer protection, the environment, and advertising/promotions.
- 7. The Applicant herein, attests that it will fully comply with Section 4928.09 of the Revised Code regarding consent to the jurisdiction of Ohio Courts and the service of process.
- 8. The Applicant herein, attests that it will use its best efforts to verify that any entity with whom it has a contractual relationship to purchase power is in compliance with all applicable licensing requirements of the Federal Energy Regulatory Commission and the Public Utilities Commission of Ohio.
- 9. The Applicant herein, attests that it will cooperate fully with the Public Utilities Commission of Ohio, the electric distribution companies, the regional transmission entities, and other electric suppliers in the event of an emergency condition that may jeopardize the safety and reliability of the electric service in accordance with the emergency plans and other procedures as may be determined appropriate by the Commission.
- 10. If applicable to the service(s) the Applicant will provide, the Applicant herein, attests that it will adhere to the reliability standards of (1) the North American Electric Reliability Council (NERC), (2) the appropriate regional reliability council(s), and (3) the Public Utilities Commission of Ohio. (Only applicable if pertains to the services the Applicant is offering)

11. The Applicant herein, attests that it will inform the Commission of any material change to the information supplied in the renewal application within 30 days of such material change, including any change in contact person for regulatory purposes or contact person for Staff use in investigating customer complaints.

That the facts above set forth are true and correct to the best of his/her knowledge, information, and belief and that he/she expects said Applycant to be able to prove the same at any hearing hereof.

CMO Afiant & Title Signature of A day of February, 2019 ıst Sworn and subscribed before me this Year Month Suzette M. Wint Notary Public of official administering oath Signatur) SUZETTE M WINT Notary Public - State of New York NO. 01WI6376290 Sune 11, 2022 My commission expires on **Qualified in Kings County** My Commission Expires Jun 11, 2022

# SmartEnergy Ohio Public Utilities Commission: Retail Electric Generation Provider Renewal

# Contents

Exhibit A-10 "Principal Officers, Directors & Partners"	3
Exhibit B-1 "Jurisdictions of Operation"	4
Exhibit B-2 "Experience & Plans"	5
Exhibit B-3 "Disclosure of Liabilities and Investigations"	6
Exhibit C-1 "Annual Reports"	7
Exhibit C-2 "SEC Filings"	8
Exhibit C-3 "Financial Statements"	9
Exhibit C-4 "Financial Arrangements"	27
Exhibit C-5 "Forecasted Financial Statements"	30
Exhibit C-6 "Credit Rating"	32
Exhibit C-7 "Credit Report"	
Exhibit C-8 "Bankruptcy Information"	39
Exhibit C-9 "Merger Information"	40
Exhibit C-10 "Corporate Structure"	41
Exhibit D-1 "Operations"	42
Exhibit D-2 "Operations Expertise"	43
Exhibit D-3 "Key Technical Personnel"	44
Exhibit D-4 "FERC Power Marketer License Number"	45

## Exhibit A-10 "Principal Officers, Directors & Partners"

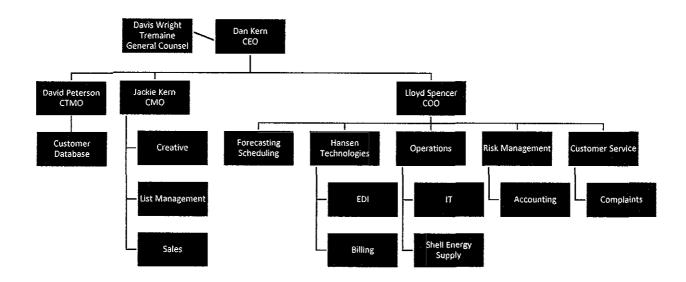
Name	Title	Address	Telephone
Dan Kern CEO		400 Madison Avenue, RM 9A	212-779-7000
		New York, NY 10017	
Jackie Kern	смо	400 Madison Avenue, RM 9A	212-779-7000
		New York, NY 100147	
Lloyd Spencer	COO / CFO	400 Madison Avenue, RM 9A	212-779-7000
		New York, NY 10017	
David	стмо	400 Madison Avenue, RM 9A	212-779-7000
Peterson		New York, NY 10017	

## Exhibit B-1 "Jurisdictions of Operation"

.

Jurisdiction	Date of licensing / certification
Ohio	03/11/13
New Jersey	02/19/14
Delaware	05/30/14
New York	06/6/14
Pennsylvania	07/24/14
Massachusetts	03/12/2015
Illinois	11/18/2015
New Hampshire	12/06/2016
Rhode Island	8/13/2015
Connecticut	9/22/2017
DC	8/14/2015
Maryland	9/4/2015

### Exhibit B-2 "Experience & Plans"



Vendor	Responsibility	Contact	Telephone
Shell Energy North America	Supply & Scheduling	James Choi	713-767-5609
Hansen Technologies	EDI & Billing	Chris Neal	416-388-2052
Powwr/Cognitive	Forecast	Rusell Morris	610-844-6422

SmartEnergy uses the internet and mailings to contact and enroll customers. Customer enrollment is conducted under the auspices of Commission rules Section 4901:1-21-06

Billing is typically conducted via the existing utility bill. This is performed using Electronic Data Interchange [EDI] supported by a 3<sup>rd</sup> party contractor, Hansen Technologies. In circumstances where an overdue amount is written off by the utility, we invoice the customer directly.

SmartEnergy's customer inquiries and complaints are handled first through a toll free number: 800-443-4440 option 2, 9am to 6pm EST, Monday through Friday. This covers billing inquiries, general questions, complaints and service transfer issues. SmartEnergy records all sales and customer service calls for quality assurance purposes. Calls are regularly screened by managers; salespeople and agents are subject to sanctions including termination for failure to comply with protocols and scripts.

# Exhibit B-3 "Disclosure of Liabilities and Investigations"

SmartEnergy has no existing pending or past rulings, judgments, contingent liabilities, or revocation of authority. All customer complaints that have been escalated to utility commissions have been addressed as quickly as possible.

Exhibit C-1 "Annual Reports"

Applicant is a privately held company and does not publish an annual report. Audited financial statements are provided below in Exhibit C-3.

Exhibit C-2 "SEC Filings"

.

Applicant is a privately held company and therefore does not have to file with the SEC.

.

Exhibit C-4 "Financial Arrangements"

This exhibit contains confidential and proprietary information and has been submitted under seal.



AEP Ohio 303 Marcula Bivd, Suite 300 Columbus, OH 43215

January 31, 2019

Smart Energy Holdings, LLC 575 Lexington Avenue New York, NY 10022

Re: Smart Energy Holdings, LLC ("CRES Supplier")/CRES Supplier Contact: Lloyd Spencer. CRES Supplier posted collateral in cash as of September 9, 2015.

To CRES Supplier:

In reference to the following specific provisions of Ohio Power Company's Distribution Tariff filed pursuant to Order dated April 25, 2018 in Case No. 16-1852-EL-SSO, namely Paragraph 32, Section: Supplier Terms and Conditions of Service, Paragraph 32.9 Section: CRES Provider Credit Requirements (See 5<sup>th</sup> Revised Sheet No. 103-33D of PUCO No. 20 Terms and Conditions of Open Access Distribution Service) and CRES Supplier's available load data through January 30, 2019, AEP Ohio has undertaken a limited review of posted collateral through this date, subject to the limitations set forth below, and AEP Ohio believes that the CRES Supplier is current with the specifically identified collateral requirements through January 30, 2019.

Please note AEP Ohio is not undertaking a separate review of CRES Supplier's financial wherewithal, the status of pending invoices or invoices for amounts that are yet to be billed or due, nor are we evaluating or taking a position as to whether the CRES Supplier will, on a prospective basis, remain in compliance with the identified collateral requirements or other Tariff requirements. This review was limited to the specific collateral requirements identified above, and does not include a review of whether the CRES Supplier is in compliance with any other Tariff requirements or PUCO rules and regulations binding upon CRES suppliers, and further, does not account for any PJM rebillings or settlements that may occur at a later time.

This letter is effective only as of the date hereof, and we are not assuming any responsibility for updating this letter, nor is AEP Ohio waiving any rights or remedies it may be entitled to under Ohio law, its Tariff or any CRES Supplier agreements. This letter is intended solely for the benefit of the addressees and may not be relied upon by such addressees or any other person or entity for any other purpose.

Sincerely.

lette Lans Diana Love

Credit Risk Analyst

Address:	575 Lex	ington Avenue Floor 4	, New York, NY. 10022,	UNITED STATES		
PAYDEX® So	core 🖲	Delinquency Percentile <b>d</b>	/ Predictor	Financial St Percentile	tress 0	Supplier Evaluation Risk Rating <b>O</b>
80		94		36		2
COMPANY PROFILE	: <b>0</b>					
D-U-N-S		Mailing A	ddress		Employees	
07-870-3240		United St	ates		10*	
Legal Form		Telephon	e		Age (Year Started	1)
Partnership		(212) 779	-7000		7 years (2012)	
Date Incorporated					Named Principal	
lanuary 5, 2012				Daniel Kern, DIR		
State of Incorporat	ion				Line of Business	
Delaware	Business consulting services		ng services			
Ownership						
Not publicly traded						
D&B GUIDANCE						
Overall Busines	ss Risk				Maximum Recommer	
LOW	LOW- MODERATE	MODERATE	MODERATE- HIGH	HIGH		67,500
Dun & Bradstre	et Thinks					
<ul> <li>Based on th OPERATION</li> </ul>	essment of this con le perceived sustail IS le payment behavio	hability of this com	ipany: LIKELIHOOD		low probabili	ended limit is based on a ity of severe delinquency.

## SMARTENERGY HOLDINGS, LLC

RISK ASSESSMENT

Exhibit C-8 "Bankruptcy Information"

None. Not applicable.

Exhibit C-9 "Merger Information"

None. Not applicable.

.

.

Exhibit C-10 "Corporate Structure"

SmartEnergy Holdings, LLC was formed in October, 2012 by Daniel Kern, Jacqueline Kern, and Gina Goldberg, to become a retail electric supplier in Ohio.

Daniel Kern	Jacqueline Kern
	7
SmartEnerg	y Holdings, LLC-
-	S- Traditional Markets

### Exhibit D-1 "Operations"

SmartEnergy is a retail electric supplier operating in 32 utility markets and licensed in 12 states. SmartEnergy purchases energy supply from Shell Energy North America and delivers this via the PJM pool to utilities who ultimately deliver it to SmartEnergy's residential retail customers. SmartEnergy buys all ancillary services directly from the PJM ISO, and in most cases pays utilities a Network Interchange Transmission Service [NITS] charge to make low voltage delivery to the end use customer.

Separately, SmartEnergy contracts to purchase renewable energy credits [RECs]. SmartEnergy maintains a compliance account with PJM-EIS to track this obligation and record purchases and transfers of certificates.

Daily schedules are prepared and submitted to Shell Energy for approval. Shell Energy is responsible for entering these schedules into the PJM inSchedule system. SmartEnergy and Shell Energy maintain a separate PJM account for each utility zone in which SmartEnergy operates so that all wholesale costs and obligations can be tracked at a utility by utility level.

#### Exhibit D-2 "Operations Expertise"

SmartEnergy has successfully delivered over 1M MWh of energy over the past 5 years to customers in 32 utilities. Correspondingly, over a similar time period SmartEnergy has purchased approximately 1.1M MWh of wholesale supply from Shell Energy for delivery into the grid. By buying at wholesale rates in advance of the delivery month, this allows SmartEnergy to pass along savings from wholesale rates to customers as well as minimize their exposure to volatile real time wholesale grid prices.

Using its EDI provider Hansen Solutions (formerly PPL Solutions), SmartEnergy has successfully billed all its customers in a timely manner with very few issues.

#### Exhibit D-3 "Key Technical Personnel"

Name	Position	Address	Phone	Email
Dan	CEO	400 Madison Ave	212-779-	Dan.kern@smartenergy.com
Kern		RM 9A	7000	
		New York NY 10017		
Lloyd	COO	400 Madison Ave	212-779-	Lloyd.spencer@smartenergy.com
Spencer	ł	RM 9A	7000	
		New York NY 10017		
Christina	Accounting	400 Madison Ave	212-779-	Accounts.payable@smartenergy.com
Medina		RM 9A	7000	
		New York NY 10017		
Carlos	Operations	400 Madison Ave	212-779-	regulatory@smartenergy.com
Espinosa		RM 9A	7000	
-		New York NY 10017		

SmartEnergy was formed in December, 2012 and founded by Mr. Kern. In addition to founding SmartEnergy, Mr. Kern is a founder and principal of Main Street Direct, a premier Direct Marketing firm. For the past 20+ years, Mr. Kern has managed the operations of Main Street Direct and as such has extensive experience in developing and managing various marketing and back office operations for 50 of the Fortune 500 companies including American Express, Citi, Chase, as well as Citgo, Chevron, Conoco, BP, Exxon, Marathon, Shell, Phillips 66, and Sunoco. Mr. Kern also serves on the board of directors of Main Street Direct. Mr. Kern graduated from the Ohio State University with a B.S.B.A and an emphasis in accounting and marketing.

Lloyd Spencer, COO, has considerable operational expertise with US energy markets, having over 20 years of energy trading and risk management experience. His background includes deep knowledge of operations, technology, regulatory issues, risk management and trading.

Exhibit D-4 "FERC Power Marketer License Number"

FERC Power Marketer License Number: 13-0779-000