

Joyce W. Jones
Regulatory Licensing & Reporting
Telephone: (281) 800-6126
Email: joyce.jones@directenergy.com

October 21, 2020

New Hampshire Public Utilities Commission Debra A. Howland, Executive Director 21 South Fruit Street, Suite 10 Concord, NH 03301-2428

Re: Electric Supplier License Renewal Applications, Direct Energy Business, LLC (CS-021)

Dear Ms. Howland,

Enclosed please find Direct Energy Business, LLC's ("DEB") original license renewal application and attachments and two copies of this report in compliance with New Hampshire Code of Administrative Rules, Puc 2000, Puc 2003.02. I have also emailed a PDF version to Executive.Director@puc.nh.gov.

In compliance with Puc 2003.01(b)(2) the original Direct Energy Business, LLC Verification Certificate Bond 8233-17-69 was mailed to the New Hampshire Public Utilities Commission office August 27, 2020.

Should you have any questions, or require any additional documentation, please do not hesitate to contact me or my Manager, Ryan Harwell (Ryan.Harwell@directenergy.com).

Respectfully Submitted,

Joyce W. Jones

Licensing & Reporting Analyst

enclosures



CEPS Registration Puc 2006.01 Rev. 10/16/2020 Page 1 of 7

#### Competitive Electric Power Supplier Application Form

This form may be used to: (1) apply for initial registration as a competitive electric power supplier (CEPS) in New Hampshire, (2) apply for renewal of registration as a CEPS in New Hampshire, and (3) notify the Commission of any changes to information in a previously filed CEPS application. This form is provided as a convenience for filing only; you are required to provide all information specified under Puc 2006.01 when applying for initial or renewal registration as a CEPS, but you are not required to use this form when doing so.

	Indicate whether this applicati	ion is for an initial registration or for a renewal. Initial 🗌 Renewa	al 🔯
		Applicant's General Information	
Puc 2006.01(a)	Legal Name	Direct Energy Business, LLC	
	Trade Name (d/b/a) (if applicable)		
Puc 2006.01 (b)	Business Mailing Address	1001 Liberty Avenue	
	Business Mailing Address	Pittsburgh, PA 15222	
	Telephone Number	800-437-7265	
	E-Mail Address	customerrelations@directenergy.com	
	Website Address	www.directenergy.com	
Puc 2006.01(c)	Provide the state or jurisdiction	of organization, if anything other than an individual.	DELAWARE
Puc 2006.01(d)	Provide the name(s), title(s), bu individual, or of the applicant's	siness address(es), telephone number(s), and e-mail address(es) of the principal(s)1 if it is anything other than an individual. Use additional sh	e applicant if an eets as needed.
	Name	Please see Attachment A	
	Title		
	B 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	Business Mailing Address		
	Telephone Number		
	E-Mail Address		
	Name		
	Title		
1	Business Mailing Address		
	Telephone Number		
	Email Address		
	Name		
	Title		
	Title		
	Business Mailing Address		
	Telephone Number		
	E-Mail Address		

<sup>1 &</sup>quot;Principals" means, for a corporation, any of its officers, directors, or controlling shareholders, for a limited liability company, any of its managers or controlling members, for a partnership, any of its general partners, and for any other business entity, any of its personnel exercising executive functions and any of its controlling equity owners.



CEPS Registration Puc 2006.01 Rev. 10/16/2020 Page 2 of 7

		Affiliates and Subsidiaries			
Puc 2006.01(e)	Provide the following information in New Hampshire. Use addition	on regarding any affiliates2 and subsidiaries of the applicant that are conducting business onal sheets as needed.			
	Name of Entity	DIRECT ENERGY BUSINESS MARKETING, LLC			
	Business Address	194 Wood Ave South, Suite 200			
		Iselin, NJ 08830			
	Telephone Number	732-516-7500			
	Provide a description of the business purpose of the entity.  RETAIL ENERGY SERVICE PROVIDER				
	Provide a description of any ag filing of any such agreements v	preements with any affiliated New Hampshire utility, and the docket number relative to the with the Commission.			
	Name of Entity	DIRECT ENERGY SERVICES, LLC			
	Business Address	12 Greenway Plaza, Suite 250			
	Basiness y ladroos	Hoston, TX 77046			
	Telephone Number	888-305-3828			
	Provide a description of the bu RETAIL ENERGY SERVICE PROVI				
	Provide a description of any ag filing of any such agreements v n/a	reements with any affiliated New Hampshire utility, and the docket number relative to the with the Commission.			

<sup>2 &</sup>quot;Affiliate" means any of the following:

<sup>(</sup>a) Any person or entity that directly or indirectly owns, controls, or holds with power to vote a majority of the outstanding voting securities or such minority thereof as to give such person substantial control of another person or entity;
(b) Any person or entity that is directly or indirectly owned, controlled, or held by any person or entity described in (a) above through

<sup>(</sup>b) Any person or entity that is directly or indirectly owned, controlled, or held by any person or entity described in (a) above through either power to vote a majority of the outstanding voting securities or such a minority so as to maintain substantial control of such person or entity;

<sup>(</sup>c) Any person or entity with which another person or entity has a management or service contract or arrangement that provides such person or entity with effective control over the management, supervision, or operation of the other person or entity; or

<sup>(</sup>d) Any person or entity who or which actually exercises effective control over the management, supervision, or operation of another person or entity.



CEPS Registration Puc 2006.01 Rev. 10/16/2020 Page 3 of 7

Customer Service Department Contact					
Puc 2006.01(f)	Name	Jennifer Borelli			
	Title	Director, Customer Experience			
	Toll-Free Telephone Number (if available)	888-925-9115			
	Telephone Number	888-925-9115			
	E-Mail Address	jennifer.borelli@directenergy.com			

Customer Complaints Contact					
Puc 2006.01(g)(1)	Name	Nicole Nadeja			
	Title	Supervisor, Customer Escalations & Critical Care Issues			
	Business Mailing Address	1001 Liberty Ave, Suite 1200			
		Pittsburgh, PA 15222			
	Telephone Number	412-667-5197			
	E-Mail Address	nicole.nadeja@directenergy.com			

	Regulatory Compliance Matters Contact					
Puc 2006.01(g)(2)	Name	Marc Hanks				
	Title	Sr Manager, Gov't and Regulatory Affairs				
	Business Mailing Address	24 Gary Dr.				
		Westfield, MA 01085				
	Telephone Number	413-642-3575				
	E-Mail Address	marc.hanks@directenergy.com				

Commission Assessment Payments Contact					
Puc 2006.01(g)(3)	Name	Joyce W. Jones			
	Title	Regulatory Licensing & Reporting Analyst			
	Business Mailing Address	12 Greenway Plaza, Suite 250			
		Houston, TX 77046			
	Telephone Number	281-800-6126			
	E-Mail Address	joyce.jones@directenergy.com			



CEPS Registration Puc 2006.01 Rev. 10/16/2020 Page 4 of 7

Se	parate Attachments: Business Authority, Trade Name, ISO-NE Market Participation, and EDI Certification
Puc 2006.01(h)	Provide, as a separate attachment, evidence of the applicant's authorization to do business in New Hampshire from the New Hampshire secretary of state by submitting, with this application form, either of the following:
	(1) a recent printout of the applicant's listing on the N.H. Secretary of State website with the status "In Good Standing" or words of similar import; or Please see Attachment B
	(2) a copy of a certificate from the N.H. Secretary of State's office stating that the applicant is authorized to do business in New Hampshire. Please see Attachment B
Puc 2006.01 (i)	Provide, as a separate attachment, evidence of the applicant's registration of the trade name, if any, to be used by the applicant in New Hampshire from the New Hampshire secretary of state by submitting, with this application form, either of the following:
	(1) A recent printout of the applicant's trade name on the N.H. Secretary of State website with the status "Active" and indicating that the trade name is owned by the applicant; or Please see Attachment C
	(2) A copy of a certificate from the N.H. Secretary of State's office indicating that the applicant has registered as doing business under the trade name. Please see Attachment C
Puc 2006.01(j)	Provide, as a separate attachment, evidence of the applicant's ISO New England market participant membership.  Please see Attachment D
Puc 2006.01(k)	Provide, as a separate attachment, electronic data interchange (EDI) certification from each electric distribution utility in whose franchise area the applicant intends to operate. Please see Attachment E

	Franchise Areas, Customer Types to be Served, and Other States				
Puc 2006.01 (f)	List the utility franchise areas in which the applicant intends to operate and, to the extent the applicant does not in provide service in the entire franchise area of a utility, a delineation of the cities and towns where the applicant into provide service within each utility franchise area.  Direct Energy Business, LLC intends to provide electric supply service in the Eversource Energy, Liberty Utilities, New Hampshire Electric Cooperative Inc. and Unitil Energy Systems, Inc. service				
Puc 2006.01(m)	Provide a statement whether or not the applicant intends to serve the following types of customers: residential, small commercial, large commercial, and industrial.  Direct Energy Business, LLC intends to serve, large commercial and industrial customers.  Direct Energy Business, LLC does not intend to serve residential customers.				
Puc 2006.01(n)	List the other states or jurisdictions in which the applicant currently conducts business relating to the sale of electricity.  Please see Attachment F				



Puc 2006.01(o)

#### New Hampshire Public Utilities Commission 21 South Fruit Street, Suite 10 Concord, NH 03301-2429 603-271-2431 www.puc.nh.gov

CEPS Registration Puc 2006.01 Rev. 10/16/2020 Page 5 of 7

# Customer Complaints Use either the table below or a separate attachment to provide a list disclosing the number and type of customer complaints concerning the applicant or its principals and affiliates filed with or by any commission or regulatory agency, attorney general's office, or other governmental consumer protection regulatory authority, for the most recent 2 calendar years in every state or other jurisdiction in which the applicant has conducted business relating to the sale of electricity.

In the table below, enter abbreviations of applicable states or the jurisdiction across the top row, complaint types in the left column, and, for each cell in the table, the number of complaints for each type within the applicable state or jurisdiction.

#### Please see Attachment G

		ł	(enter	applicable	e states/ju	risdictions I	in row jus	t below)	f	ĭ	
Complaint Type		1								1	Total
											0
											0
											0
											0
											0
											0
											0
											0
											0
											0
											0
Total	0	0	0	0	0	0	0	0	0	0	0



CEPS Registration Puc 2006.01 Rev. 10/16/2020 Page 6 of 7

	Statements Regarding Applicant and its Principals  Respond to each of the following questions with either "Yes" or "No."					
Puc 2006.01(p)(1)						
Puc 2006.01(p)(2)	Has applicant or any of its principals, within the 10 years immediately prior to application, had any civil, criminal, or regulatory sanctions or penalties imposed against it, him, or her pursuant to any state or federal consumer protection law or regulation?	No				
Puc 2006.01(p)(3)	Has applicant or any of its principals, within the 10 years immediately prior to application, settled any civil, criminal, or regulatory investigation or complaint involving any state or federal consumer protection law or regulation?	No				
Puc 2006.01(p)(4)	Is applicant or any of its principals currently the subject of any pending civil, criminal, or regulatory investigation or complaint involving any state or federal consumer protection law or regulation?	Yes				
Puc 2006.01(p)(5)	Has applicant or any of its principals been denied authorization to provide competitive electricity supply service or electric aggregation service in any other state or jurisdiction?	No				
Puc 2006.01(q)	If an affirmative answer is provided to any item above, then provide a detailed explanation of the occurred related circumstances. Use additional sheets as needed.	nce and the				
	Please see attachment H					

	Telemarketing				
Puc 2006.01(s)	Does the applicant intend to telemarket? Respond with either "Yes" or "No."	No			
	If the response to the question above is "Yes," then respond to the following three questions:				
Puc 2006.01(r)(1)					
Puc 2006.01(r)(2)	Will the applicant obtain monthly updated do-no-call lists from the National Do Not Call Registry?				
Puc 2006.01(r)(3)	Will the applicant NOT initiate calls to New Hampshire customers who have either requested being placed on the applicant's do-not-call list(s) or who are listed on the National Do Not Call Registry?	N/A			

In-Person Solicitation of Residential Customers				
Puc 2006.01(u)	Does the applicant intend to enroll residential customers through in-person solicitation at the customer's residence? Respond with either "Yes" or "No."	No		
	If the response to the question above is "Yes," then provide the following items as separate attachmen	nts:		
Puc 2006.01(t)(1)	A plan for in-person solicitation of residential customers at their residences, including provisions to ensure legal and regulatory compliance and quality assurance.			
Puc 2006.01(t)(2)	A description of the applicant's training program for employees or representatives who will conduct in-person solicitation of residential customers at their residences.			
Puc 2006.01(t)(3)	An identification of any third party vendor or vendors the applicant intends to use to conduct in-person residential customers at their residences. n/a	solicitation of		
Puc 2006.01(t)(4)	A copy of the applicant's performance standards and code of conduct for any employees, representative who or which will conduct in-person solicitation of residential customers at their residences.	ves, or vendors		
Puc 2006.01(t)(5)	A copy of field audit standards used to evaluate the performance of employees, representatives, or ve which will conduct in person solicitation of residential customers at their residences. n/a	ndors who or		



CEPS Registration Puc 2006.01 Rev. 10/16/2020 Page 7 of 7

	Sample Bill Form	
Puc 2006.01(v)	Does the applicant intend to use only the utility's billing service? Respond with either "Yes" or "No."	No
Puc 2006.01(v)	If the response to the question above is "No," then provide a sample of the bill form(s) the applicant in separate attachment. Please see attachment I	ends to use as a
	Residential and Small Commercial Customer Contracts	10 11
Puc 2006.01(w)	Does the applicant intend to serve residential and small commercial customers? Respond with either "Yes" or "No."	No
	If the response to the question above is "Yes," then provide the following item as a separate attachme	nt:
Puc 2006.01(w)	A copy of each contract to be used for residential customers and for small commercial customers, incl schedules or other documentation attached to, incorporated into, or referenced in such contract. N/a	uding any
	File Financial Security Instrument	
	Refer to Puc 2003.03 for the financial security requirements.	
Puc 2003.01(b)(2)	Provide an original executed financial security instrument that meets the requirements of Puc 2003.03 DEB, LLC original Verification Certificate Bond 8233-17-69 was mailed to your office A	
	File the original, executed financial security instrument with the Executive Director. The financial secu be filed separately from the application form, by U.S. mail, overnight express, or hand delivery.	rity instrument ca
	Submit Application Fee (For Initial Applications Only)	
Puc 2003.01(b)(3)	For an application for initial registration, submit payment of the application fee in the amount of \$250.00 to the Executive Director by U.S. mail, overnight express, or hand delivery. Make check payable to: New Hampshire Public Utilities Commission.	
	Note that there is no fee for a renewal application. This is a renewal application	
	Expected Marketing Start Date	
Puc 2006.01(x)	Provide the date upon which the applicant expects to commence marketing its services to customers in New Hampshire.  Direct Energy Business, LLC is currently serving customers	Date
477	Attestation and Signature	
Puc 2006.01(y) and (z)	BY SIGNING BELOW, THE APPLICANT REPRESENTATIVE CERTIFIES THAT IT HAS THE AUTHORITY TO FILE THE APPLICATION ON BEHALF OF THE CEPS AND ATTESTS THAT THE CONTENTS OF THE APPLICATION ARE TRUTHFUL, ACCURATE, AND COMPLETE.	
	Please see Attestation and Signature Attached	
	Signature of the applicant or its authorized representative	
	Name:	Date
	Title:	
	Filing Instructions	
	Mail an original and two paper copies of this form and all separate attachments to:	
	Executive Director, NHPUC, 21 South Fruit St., Suite 10, Concord, NH 03301	
	2) E-mail a PDF of this form and all separate attachments to:  Executive.Director@puc.nh.gov	

### Attachment A

### **Director and Officers Information**

(Puc 2006.01(d))

### **Direct Energy Business, LLC**

#### **Current Appointments**

#### **Board Positions**

Name and Email	Position	<b>Business Address</b>
John Schultz John.Schultz@directenergy.com	Director	194 Wood Ave S, 2 <sup>nd</sup> Floor Iselin, NJ 08830 732-516-2600

#### Officers

Name and Email	Position	<b>Business Address</b>
John Schultz John.Schultz@directenergy.com	President	194 Wood Ave S, 2 <sup>nd</sup> Floor Iselin, NJ 08830 732-516-2600
Stuart Phillips Stuart.Phillips@directenergy.com	Treasurer	194 Wood Ave S, 2 <sup>nd</sup> Floor Iselin, NJ 08830 732-781-0542
Stacy Phillips Stacy.Phillips@directenergy.com	Assistant Treasurer	12 Greenway Plaza, Ste 250 Houston, TX 77046 281-800-6397

# Attachment B

# **Business Authority**

(Puc 2006.01(h))



# SECRETARY OF STATE WILLIAM M. GARDNER

#### Search Business Names



#### Search Result

Business Name	Business ID	Homestate Name	Previous Name	Business Type	Principal Office Address	Registered Agent Name	Status
Direct Energy Business Marketing, LLC	690305	Direct Energy Business Marketing, LLC	HESS ENERGY MARKETING, LLC	Foreign Limited Liability Company	194 Wood Avenue South, Iselin, NJ, 08830, USA	Corporate Creations Network Inc.	Good Standing
Direct Energy Business, LLC	321781	Direct Energy Business, LLC	STRATEGIC ENERGY, LLC.	Foreign Limited Liability Company	12 Greenway Plaza, Ste. 250, Houston, TX, 77046, USA	Corporate Creations Network Inc.	Good Standing

Page 1 of 1, records 1 to 2 of 2

#### State of Delaware

### Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF
DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT
COPY OF THE CERTIFICATE OF LIMITED LIABILITY COMPANY OF
"STRATEGIC ENERGY, L.L.C.", FILED IN THIS OFFICE ON THE
TWENTY-FOURTH DAY OF SEPTEMBER, A.D. 1998, AT 11:30 O'CLOCK A.M.

Ü

Edward J. Freel, Secretary of State

2945519 8100

981370399

AUTHENTICATION:

9319781

DATE:

09-24-98

#### CERTIFICATE OF FORMATION

OF

#### STRATEGIC ENERGY, L.L.C.

This Certificate of Formation of Strategic Energy, L.L.C. (the "LLC"), dated as of September 24, 1998, is being duly executed and filed by Chaster R. Babst III, as an authorized person, to form a finited liability company under the Delaware Limited Liability Company Act (6 Del. C. § 18-101, at seq.).

FIRST. The name of the limited liability company formed hereby is Strategic Energy, L.L.C.

SECOND. The address of the registered office of the LLC in the State of Delaware is c/o The Corporation Trust Company, Corporation Trust Center, 1209 Orange Street, Wilmington, New Castle County, Delaware 19801.

THIRD. The name and address of the registered agent for service of process on the LLC in the State of Delaware is The Corporation Trust Company, Corporation Trust Center, 1209 Orange Street, Wilmington, New Castle County, Delaware 19801.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Formation as of the date first above written.

Cheser R Babst III , Authorized Person

Domestet Nation: Cart of Formation - Energy. pd

# Attachment B(1)

# **Certificate of Good Standing**

# State of New Hampshire Department of State

#### **CERTIFICATE**

I, William M. Gardner, Secretary of State of the State of New Hampshire, do hereby certify that DIRECT ENERGY BUSINESS, LLC is a Delaware Limited Liability Company registered to transact business in New Hampshire on August 31, 1999. I further certify that all fees and documents required by the Secretary of State's office have been received and is in good standing as far as this office is concerned.

Business ID: 321781

Certificate Number: 0005011090



#### IN TESTIMONY WHEREOF,

I hereto set my hand and cause to be affixed the Seal of the State of New Hampshire, this 25th day of September A.D. 2020.

William M. Gardner Secretary of State

### Attachment C

# **Trade Name Registration**

(Puc 2006.01(i))



PAGE

#### The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF
DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT
COPY OF THE CERTIFICATE OF AMENDMENT OF "STRATEGIC ENERGY,
L.L.C.", CHANGING ITS NAME FROM "STRATEGIC ENERGY, L.L.C." TO
"DIRECT ENERGY BUSINESS, LLC", FILED IN THIS OFFICE ON THE
FIFTEENTH DAY OF AUGUST, A.D. 2008, AT 2:55 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF AMENDMENT IS THE FIRST DAY OF SEPTEMBER, A.D. 2008.

2945519 8100

080877209
You may verify this certificate onlin at corp.delawars.gov/authver.ahtml

Warriet Smith Hindsor, Secretary of State

AUTHENTICATION: 6796125

DATE: 08-15-08

State of Delaware Secretary of State Division of Corporations Delivered 03:00 FM 08/15/2008 FILED 02:55 PM 08/15/2008 SRV 080877209 - 2945519 FILE

# CERTIFICATE OF AMENDMENT TO THE CERTIFICATE OF FORMATION OF STRATEGIC ENERGY, L.L.C.

STRATEGIC ENERGY, L.L.C. (hereinafter called the "Company"), a limited liability company organized and existing under and by virtue of the Limited Liability Company Act of the State of Delaware (the "Act"),

DOES HEREBY CERTIFY:

FIRST: That the date the Company was first formed is September 24, 1998.

SECOND: The name of the Company at the time of filing of this Certificate of Amendment is Strategic Energy, L.L.C.

THIRD: The Certificate of Formation of the Company is hereby amended as follows:

The name of the Company shall be changed to:

DIRECT ENERGY BUSINESS, LLC

FOURTH: This Certificate of Amendment shall be <u>effective on September 1.</u> 2008.

IN WITNESS WHEREOF, said Strategic Energy. L.L.C. has caused this certificate to be signed by Maura Clark, its Authorized Person this 13th day of Flucius 2008.

By living ( ) ark
(Title) Authorized Person

# Attachment D

# ISO New England Market Participant Membership

(Puc 2006.01(j))



About Us Participate Committees and Groups System Planning

Participate > Participant and Asset Listings

# **Customer Directory**

Search the directory for details on and contact information for the entities registered with ISO New England, as well as on the committees and subgroups advising the ISO. For example, you can find:

- Each participant's name, address, stock symbol(s), industry sector, industry type/classification, committee membership, and NEPOOL voting status (if the participant is a member of the New England Power Pool)
- Committee and subcommittee or working group names, member lists, and the company association of members
- · Download a CSV file of the Participant Directory

As you type you will be offered suggested results. Use your keyboard arrows or mouse to navigate the results.

Company Details: Direct Energy Business, LLC

Stock Symbol: ( London : CNA) 2 Gateway Center, 9th Floor Pittsburgh, PA 15222

#### Customer Details

CUSTOMER ID	SECTOR	TYPE	CLASSIFICATION	SUB-CLASSIFICATION	VOTING STATUS
154	Supplier	Participant	Market Participant		Υ



Customer Directory Report for: 10/15/2020 - 10/15/2020 Report generated: 10/15/2020 15:23:05 EDT

ID Number	Customer Name	Status
ID Number 132874	AES Distributed Energy, Inc.	ACTIVE
129901	AM Trading Solutions, LLC	ACTIVE
51248	AR DG Small Group Member	ACTIVE
51154	AR LR Small Group Member	ACTIVE
126873	AR RG Large Group Member	ACTIVE
51155	AR RG Small Group Member	ACTIVE
129502	Able Grid Infrastructure Holdings, LLC	ACTIVE
95605	Acadia Center	ACTIVE
134758	Acadia Renewable Energy, L.L.C.	ACTIVE
133928	Actual Energy Inc.	ACTIVE
50909	Acushnet Company	ACTIVE
135036	Advanced Energy Economy Inc	ACTIVE
126631	Aesir Power, LLC	ACTIVE
51320	Algonquin Energy Services Inc.	ACTIVE
130743	Algonquin Gas Transmission, LLC	ACTIVE
132817	Alpha Gas and Electric, LLC	ACTIVE
128194	Alphataraxia Nickel LLC	ACTIVE
51398	Ambit Northeast, LLC	ACTIVE
51242	Ameresco CT LLC	ACTIVE
133309	American Petroleum Institute	ACTIVE
128640	American Power & Gas of MA. LLC	ACTIVE
51268	American PowerNet Management, LP	ACTIVE
51040	Ampersand Energy Partners LLC	ACTIVE
128584	Anbaric Development Partners, LLC	ACTIVE
51401	Antrim Wind Energy LLC	ACTIVE
129294	Appian Way Energy Partners East, LLC	ACTIVE
126853	Archer Energy, LLC	ACTIVE
120033	Ashburnham Municipal Light Department	ACTIVE
50387	Associated Industries of Massachusetts	ACTIVE
118351	Astral Energy LLC	ACTIVE
51048	Athens Energy LLC	ACTIVE
127407	Atlantic Energy MA LLC	ACTIVE
127432	Avangrid Networks, Inc.	ACTIVE
50760	Avangrid Renewables, LLC	ACTIVE
133870	Axon Energy, LLC	ACTIVE
50427	BP Energy Company	ACTIVE
129246	BSW ProjectCo LLC	ACTIVE
50971	Backyard Farms Energy, LLC	ACTIVE
50971	Backyard Farms, LLC	ACTIVE
126758	Bath Iron Works Corporation	ACTIVE
50794	Bear Swamp Power Company LLC	ACTIVE
89	Belmont Municipal Light Department	ACTIVE
50865	Berkshire Power Company, LLC	ACTIVE
51176	Berlin Station, LLC	ACTIVE
127135	BioUrja Power, LLC	ACTIVE
51251	Black Bear Hydro Partners, LLC	ACTIVE
50749	Blackstone Hydro, Inc.	ACTIVE
133042	Block Island Utility District	ACTIVE
133042	Bloom Connecticut Clean Energy Company, LLC	ACTIVE
51278	Blue Sky East, LLC	ACTIVE
51329	Blue Sky West, LLC	ACTIVE
133892	Blueprint Power Technologies Inc.	ACTIVE
133032	Didepoint rower recombiogies inc.	ACTIVE

129250	Borrego Solar Systems, Inc.	ACTIVE
54	Boston Energy Trading and Marketing LLC	ACTIVE
4	Boylston Municipal Light Department	ACTIVE
5	Braintree Electric Light Department, Town of	ACTIVE
132869	Bridgeport Fuel Cell, LLC	ACTIVE
51368	Bridgewater Power Company, L.P.	ACTIVE
50475	Brookfield Energy Marketing Inc.	ACTIVE
51355	Brookfield Energy Marketing, LP	ACTIVE
51195	Brookfield Renewable Energy Marketing US LLC	ACTIVE
132888	Brookfield Renewable Trading And Marketing LP	ACTIVE
50173	Brookfield White Pine Hydro LLC	ACTIVE
50481	Brown Bear II Hydro, Inc.	ACTIVE
80420	Bruce Power Inc.	ACTIVE
126766	Bucksport Generation LLC	ACTIVE
50085	Burlington Electric Department	ACTIVE
100696	C. N. Brown Electricity, LLC	ACTIVE
51271	CHI Power Marketing, Inc.	ACTIVE
50667	CONVEX Local Control Center	ACTIVE
51066	CPV Towantic, LLC	ACTIVE
129227	CS Berlin Ops, Inc.	ACTIVE
128413	CWP Energy Inc.	ACTIVE
50375	Calpine Energy Services, LP	ACTIVE
50498	Calpine Energy Solutions, LLC	ACTIVE
50989	Cambridge Energy Solutions, LLC	ACTIVE
70425	Canandaigua Power Partners, LLC	ACTIVE
50414	Cape Light Compact JPE	ACTIVE
51078	Castleton Commodities Merchant Trading L.P.	ACTIVE
128673	Celtic Power Analytics LLC	ACTIVE
6	Central Maine Power Company	ACTIVE
		ACTIVE
128493	Central Rivers Power MA, LLC	ACTIVE
128964	Central Rivers Power NH, LLC	ACTIVE
51343	Centre Lane Trading Limited	ACTIVE
81885	Champion Energy Marketing, LLC	
121263	Champlain VT, LLC	ACTIVE
51300	Chester Municipal Electric Light Department	ACTIVE
7	Chicopee Municipal Lighting Plant	ACTIVE
51347	Choice Energy, LLC	ACTIVE
51394	Christopher M. Anthony	SUSPENDED
51274	Cianbro Energy, LLC	ACTIVE
50747	Citigroup Energy Inc.	ACTIVE
105735	CleanChoice Energy, Inc.	ACTIVE
126789	Clearesult Consulting Inc.	ACTIVE
50992	Clearview Electric Inc.	ACTIVE
132642	Clearway Power Marketing LLC	ACTIVE
103079	Coalition of Northeastern Governors	ACTIVE
126816	Commonwealth Resource Management Corporation	ACTIVE
51196	Commonwealth of Massachusetts Office of the Attorney	ACTIVE
133021	Community Eco Power, LLC	ACTIVE
51191	Competitive Energy Services, LLC	ACTIVE
90	Concord Municipal Light Plant	ACTIVE
50887	Connecticut Central Energy, LLC	ACTIVE
51372	Connecticut Gas & Electric, Inc	ACTIVE
50092		
8	Connecticut Light and Power Company The	ACTIVE
50474	Connecticut Light and Power Company The Connecticut Municipal Electric Energy Cooperative	ACTIVE ACTIVE
50471		
50471 50456	Connecticut Municipal Electric Energy Cooperative	ACTIVE
	Connecticut Municipal Electric Energy Cooperative Connecticut Office of Consumer Counsel	ACTIVE ACTIVE
50456	Connecticut Municipal Electric Energy Cooperative Connecticut Office of Consumer Counsel Connecticut Public Utilities Regulatory Authority	ACTIVE ACTIVE
50456 51386 50849	Connecticut Municipal Electric Energy Cooperative Connecticut Office of Consumer Counsel Connecticut Public Utilities Regulatory Authority Connecticut Transmission Municipal Electric Energy Coc Conservation Law Foundation	ACTIVE ACTIVE ACTIVE ACTIVE
50456 51386	Connecticut Municipal Electric Energy Cooperative Connecticut Office of Consumer Counsel Connecticut Public Utilities Regulatory Authority Connecticut Transmission Municipal Electric Energy Coc Conservation Law Foundation Consolidated Edison Company of New York, Inc.	ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE
50456 51386 50849 50081 50247	Connecticut Municipal Electric Energy Cooperative Connecticut Office of Consumer Counsel Connecticut Public Utilities Regulatory Authority Connecticut Transmission Municipal Electric Energy Coc Conservation Law Foundation Consolidated Edison Company of New York, Inc. Consolidated Edison Energy, Inc	ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE
50456 51386 50849 50081 50247 50026	Connecticut Municipal Electric Energy Cooperative Connecticut Office of Consumer Counsel Connecticut Public Utilities Regulatory Authority Connecticut Transmission Municipal Electric Energy Coc Conservation Law Foundation Consolidated Edison Company of New York, Inc. Consolidated Edison Energy, Inc Consolidated Edison Solutions, Inc.	ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE
50456 51386 50849 50081 50247 50026 50017	Connecticut Municipal Electric Energy Cooperative Connecticut Office of Consumer Counsel Connecticut Public Utilities Regulatory Authority Connecticut Transmission Municipal Electric Energy Coc Conservation Law Foundation Consolidated Edison Company of New York, Inc. Consolidated Edison Energy, Inc Consolidated Edison Solutions, Inc. Constellation NewEnergy, Inc.	ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE
50456 51386 50849 50081 50247 50026 50017 126585	Connecticut Municipal Electric Energy Cooperative Connecticut Office of Consumer Counsel Connecticut Public Utilities Regulatory Authority Connecticut Transmission Municipal Electric Energy Coc Conservation Law Foundation Consolidated Edison Company of New York, Inc. Consolidated Edison Energy, Inc Consolidated Edison Solutions, Inc. Constellation NewEnergy, Inc. Convergent Energy and Power LLC	ACTIVE
50456 51386 50849 50081 50247 50026 50017	Connecticut Municipal Electric Energy Cooperative Connecticut Office of Consumer Counsel Connecticut Public Utilities Regulatory Authority Connecticut Transmission Municipal Electric Energy Coc Conservation Law Foundation Consolidated Edison Company of New York, Inc. Consolidated Edison Energy, Inc Consolidated Edison Solutions, Inc. Constellation NewEnergy, Inc.	ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE ACTIVE

50491	Cross-Sound Cable Company, LLC	ACTIVE
132849	Curio Analytics Inc.	ACTIVE
128683	Cypress Creek Renewables, LLC	ACTIVE
50690	DC Energy, LLC	ACTIVE
50976	DCAM, Commonwealth of Massachusetts	ACTIVE
51229	DFC-ERG CT, LLC	ACTIVE
50436	DTE Energy Trading, Inc.	ACTIVE
133018	DWW Solar II, LLC	ACTIVE
133069	Dantzig Energy LLC	ACTIVE
9	Danvers Electric Division	ACTIVE
51441	Darby Energy, LLC	ACTIVE
50916	Dartmouth Power Associates Limited Partnership	ACTIVE
134757	David Energy Supply, LLC	ACTIVE
50199	Day Pitney LLP	ACTIVE
104925	Deepwater Wind Block Island, LLC	ACTIVE
51237	Devonshire Energy LLC	ACTIVE
133376	Dichotomy Collins Hydro LLC	ACTIVE
113189	Direct Energy Business Marketing, LLC	ACTIVE
154	Direct Energy Business, LLC	ACTIVE
51201	Discount Power, Inc.	ACTIVE
50495	Dominion Energy Generation Marketing, Inc.	ACTIVE
50435	Dominion Energy Nuclear Connecticut, Inc.	ACTIVE
128621	Durgin and Crowell Lumber Company, Inc.	ACTIVE
90533	Dynasty Power Inc.	ACTIVE
51317	Dynegy Marketing and Trade, LLC	ACTIVE
126859	EDF Energy Services, LLC	ACTIVE
51209	EDF Trading North America, LLC	ACTIVE
51442	EDP Renewables North America LLC	ACTIVE
129585	EIP Investment, LLC	ACTIVE
50687	ENGIE Resources LLC	ACTIVE
51390	EPIS, Inc.	ACTIVE
51217	ETC Endure Energy L.L.C.	ACTIVE
129225	Eagle's View Partners, Ltd.	ACTIVE
		ACTIVE
51348	Efficiency Maine Trust	ACTIVE
51356	Electricity Maine, LLC	ACTIVE
89158	Electricity N.H., LLC Elektrisola Incorporated	ACTIVE
51080	Anna Carlos Carl	ACTIVE
121830	Eligo Energy, LLC	ACTIVE
50979	Emera Energy Services Subsidiary No. 1 LLC	
128223	Emera Energy Services Subsidiary No. 12 LLC	ACTIVE
128226	Emera Energy Services Subsidiary No. 15 LLC	ACTIVE
50981	Emera Energy Services Subsidiary No. 2 LLC	ACTIVE
50983	Emera Energy Services Subsidiary No. 4 LLC	ACTIVE
81800	Emera Energy Services Subsidiary No. 6 LLC	ACTIVE
81804	Emera Energy Services Subsidiary No. 9 LLC	ACTIVE
133349	Enel Trading North America, LLC	ACTIVE
50689	Enel X North America, Inc.	ACTIVE
50784	Energy Federation Inc.	SUSPENDED
128047	Energy GPS LLC	ACTIVE
133690	Energy Harbor LLC	ACTIVE
50432	Energy Management, Inc. (EMI)	ACTIVE
50186	Energy New England LLC	ACTIVE
51213	Energy Plus Holdings LLC	ACTIVE
51437	Energy Rewards, LLC	ACTIVE
132964	Energy Storage Resources, LLC	ACTIVE
87147	Enerwise Global Technologies, LLC	ACTIVE
123477	Engelhart CTP (US) LLC	ACTIVE
162	Engie Energy Marketing NA, Inc.	ACTIVE
	EnvaPower, Inc.	ACTIVE
51138		
51138 128572	Environmental Defense Fund, Incorporated	ACTIVE
128572	Environmental Defense Fund, Incorporated Essential Power Massachusetts, LLC	ACTIVE ACTIVE
128572 51102	Essential Power Massachusetts, LLC	
128572 51102 51111	Essential Power Massachusetts, LLC Essential Power Newington, LLC	ACTIVE
128572 51102	Essential Power Massachusetts, LLC	ACTIVE ACTIVE

77673	Eversource Energy Transmission Ventures, Inc.	ACTIVE	
82125	Everyday Energy, LLC	ACTIVE	
133166	Excelerate Energy Limited Partnership	ACTIVE	
50428	Exelon Generation Company, LLC	ACTIVE	
128227	Farhad Aminpour	ACTIVE	
51284	First Point Power, LLC	ACTIVE	
50876	Firstlight Power Management LLC	ACTIVE	
124183	Fisher Road Solar I LLC	ACTIVE	
38	Fitchburg Gas & Electric Light Company	ACTIVE ACTIVE	
120129	Footprint Power Salem Harbor Development LP	ACTIVE	
51400 128492	Freepoint Commodities LLC Fusion Solar Center, LLC	ACTIVE	
126831	GBE Power Inc.	ACTIVE	
129307	GSP Lost Nation LLC	ACTIVE	
129304	GSP Merrimack LLC	ACTIVE	
129303	GSP Newington LLC	ACTIVE	
129306	GSP Schiller LLC	ACTIVE	
129305	GSP White Lake LLC	ACTIVE	
50879	Galt Power Inc.	ACTIVE	
51087	Garland Manufacturing Company	ACTIVE	
51088	Garland Power Company	ACTIVE	
50792	Gas Recovery Systems, LLC	ACTIVE	
51101	GenConn Energy LLC	ACTIVE	
122708	Genbright, LLC	ACTIVE	
50451	Generation Group Member	ACTIVE	
50791	Genon Energy Management, LLC	ACTIVE	
128435	Georges River Energy, LLC	ACTIVE	
39	Georgetown Municipal Light Department	ACTIVE	
126480	Goose River Hydro, Inc.	ACTIVE	
51290	Granite Reliable Power, LLC	ACTIVE	
128040	Gravity Renewables, Inc	ACTIVE	
133185	Great American Gas & Electric, LLC	ACTIVE	
128206	Great American Power, LLC	SUSPENDED ACTIVE	
50673 81309	Great Bay Power Marketing, Inc Great River Hydro, LLC	ACTIVE	
51094	Green Berkshires, Inc.	ACTIVE	
126810	Green Development, LLC	ACTIVE	
51385	Green Mountain Energy Company	ACTIVE	
50275	Green Mountain Power Corporation	ACTIVE	
128254	Green Power USA, LLC	ACTIVE	
129784	Grid Power Direct, LLC	ACTIVE	
40	Groton Electric Light Department	ACTIVE	
129822	Group628, LLC	ACTIVE	
50276	Groveland Municipal Electric Department	ACTIVE	
50084	H.Q. Energy Services (US) Inc.	ACTIVE	
89416	HIKO Energy, LLC	ACTIVE	
51044	Hammond Belgrade Energy LLC	ACTIVE	
51045	Hammond Lumber Company	ACTIVE	
133935	Hampshire Power Corporation	ACTIVE	
102734	Hancock Wind, LLC	ACTIVE	
126712	Harborside Energy of Massachusetts, LLC	ACTIVE	
127945	Hartree Partners, LP	ACTIVE	
50762	Harvard Dedicated Energy Limited	ACTIVE	
51435	High Liner Foods (USA) Incorporated	ACTIVE	
42	Hingham Municipal Lighting Plant	ACTIVE ACTIVE	
43	Holden Municipal Light Department		
44 105781	Holyoke Gas & Electric Department Howard Wind LLC	ACTIVE ACTIVE	
105781	HOWAIN WILLO		
	Hudson Energy Services LLC	ALTIVE	
50986 45	Hudson Energy Services, LLC Hudson Light & Power Department	ACTIVE ACTIVE	
45	Hudson Light & Power Department	ACTIVE	
45 72	Hudson Light & Power Department Hull Municipal Lighting Plant	ACTIVE ACTIVE	
45 72 112499	Hudson Light & Power Department Hull Municipal Lighting Plant IDT Energy, Inc.	ACTIVE ACTIVE ACTIVE	
45 72 112499 128288	Hudson Light & Power Department Hull Municipal Lighting Plant IDT Energy, Inc. IPKeys Power Partners, Inc.	ACTIVE ACTIVE ACTIVE ACTIVE	
45 72 112499	Hudson Light & Power Department Hull Municipal Lighting Plant IDT Energy, Inc.	ACTIVE ACTIVE ACTIVE	

50445	Indeck Energy-Alexandria, L.L.C.	ACTIVE
51406	Independence Energy Group LLC	ACTIVE
50255	Industrial Energy Consumer Group	ACTIVE
50675	Industrial Power Services Corp	ACTIVE
126638	Inspire Energy Holdings, LLC	ACTIVE
129517	Interconnect Energy Storage LLC	ACTIVE
113190	Interstate Gas Supply, Inc	ACTIVE
126771	Invenergy Energy Management LLC	ACTIVE
133043	Invenia Technical Computing Corporation	ACTIVE
73	Ipswich Municipal Light Department	ACTIVE
50473	J. Aron & Company LLC	ACTIVE
50412	J.F. Gray & Associates, LLC	ACTIVE
89161	Jericho Power LLC	ACTIVE
128719	Josco Energy MA LLC	ACTIVE
51282	Just Energy (U.S.) Corp.	ACTIVE
132880	KCE CT 1, LLC	ACTIVE
133040	KCE CT 2, LLC	ACTIVE
50179	Kendall Green Energy LLC	ACTIVE
51065	Kimberly-Clark Corporation	ACTIVE
128238	King Forest Industries, Inc.	ACTIVE
50908	Kleen Energy Systems, LLC	ACTIVE
50902	Liberty Power Delaware LLC	ACTIVE
	Liberty Power Holdings LLC	ACTIVE
50888	Liberty Utilities (Granite State Electric) Corp.	ACTIVE
159		ACTIVE
75	Littleton Electric Light & Water Department	ACTIVE
50732	Littleton Water and Light Department	
50036	Long Island Lighting Company d.b.a. LIPA	ACTIVE
126757	Longreach Energy, LLC	ACTIVE
126646	Longwood Medical Energy Collaborative, Inc.	ACTIVE
126673	MA Operating Holdings, LLC	ACTIVE
50851	MAG Energy Solutions, Inc.	ACTIVE
50856	MATEP, LLC	ACTIVE
129481	MP2 Energy LLC	ACTIVE
129480	MP2 Energy NE LLC	ACTIVE
128314	MPower Energy LLC	ACTIVE
51109	Macquarie Energy LLC	ACTIVE
133013	Macquarie Energy Trading LLC	ACTIVE
133288	Madison BTM, LLC	ACTIVE
51145	Madison Electric Works	ACTIVE
50669	Maine Local Control Center	ACTIVE
128274	Maine Power LLC	ACTIVE
50457	Maine Public Utilities Commission	ACTIVE
50391	Maine Skiing, Inc.	ACTIVE
89264	Major Energy Electric Services LLC	ACTIVE
50881	Manchester Methane, LLC	SUSPENDED
51344	Manchester Street, L.L.C.	ACTIVE
77	Mansfield Municipal Electric Department	ACTIVE
128478	Maple Energy LLC	ACTIVE
82230	Marble River, LLC	ACTIVE
78	Marblehead Municipal Light Department	ACTIVE
129088	Marco DM Holdings, L.L.C.	ACTIVE
128555	Marie's Way Solar I, LLC	ACTIVE
126645	Mass Solar 1, LLC	ACTIVE
50678	Massachusetts Bay Transportation Authority	ACTIVE
50458	Massachusetts Department of Public Utilities	ACTIVE
50927	Massachusetts Development Finance Agency	ACTIVE
50075	Massachusetts Electric Company	ACTIVE
51093	Massachusetts Gas and Electric, Inc.	ACTIVE
		ACTIVE
76 50915	Massachusetts Municipal Wholesale Electric Company	ACTIVE
50815	Massachusetts Port Authority	ACTIVE
50694	Materials Innovation and Recycling Authority	
132847	McCallum Enterprises 1 Limited Partnership	ACTIVE
112804	Mega Energy Holdings, LLC	ACTIVE
51272	Mercuria Energy America, LLC	ACTIVE
127098	Mercuria SJAK Trading, LLC	ACTIVE

50748	Merrill Lynch Commodities, Inc.	ACTIVE
151	Merrimac Municipal Light Plant	ACTIVE
51367	Messalonskee Stream Hydro, LLC	ACTIVE
50706	Messer Energy Services, Inc.	ACTIVE
129397	Michael Kuser	ACTIVE
132882	MidAmerican Energy Services, LLC	ACTIVE
79	Middleborough Gas & Electric Department	ACTIVE
80	Middleton Municipal Light Department	ACTIVE
50683	Millennium Power Partners,L.P.	ACTIVE
126640	Moore Energy LLC	ACTIVE
85	Morgan Stanley Capital Group, Inc.	ACTIVE
132898	NDC Partners LLC	ACTIVE
51459	NEPM II, LLC	ACTIVE ACTIVE
63544	NGV US Transmission Inc. NN8, LLC	ACTIVE
129753 50905	NRG Curtailment Solutions, Inc.	ACTIVE
50192	NRG Power Marketing LLC	ACTIVE
130546	NS Power Energy Marketing Incorporated	ACTIVE
3	NSTAR Electric Company	ACTIVE
50830	NSTAR Local Control Center	ACTIVE
127402	NTE Connecticut, LLC	ACTIVE
126604	Naicor Energy Marketing Corporation	ACTIVE
127541	National Gas & Electric, LLC	ACTIVE
50019	National Grid Local Control Center	<b>ACTIVE</b>
128309	Natural Resources Defense Council, Inc.	ACTIVE
113188	Nautilus Power, LLC	ACTIVE
50899	New Brunswick Energy Marketing Corporation	ACTIVE
129470	New England Battery Storage, LLC	ACTIVE
51419	New England Conference of Public Utilities Commission	ACTIVE
126482	New England Energy Connection, LLC	ACTIVE
81	New England Power Company	ACTIVE
51420	New England States Committee on Electricity	ACTIVE
50783	New England Wire Technologies Corp.	ACTIVE
157	New Hampshire Electric Cooperative, Inc.	ACTIVE
50668	New Hampshire Local Control Center	ACTIVE ACTIVE
50465	New Hampshire Office of Consumer Advocate	ACTIVE
50459	New Hampshire Public Utilities Commission New Hampshire Transmission, LLC	ACTIVE
51321 50416	New York State Electric & Gas Corporation	ACTIVE
50086	NextEra Energy Marketing, LLC	ACTIVE
50171	NextEra Energy Resources, LLC	ACTIVE
133444	Nexus Energy Inc.	ACTIVE
70440	Niagara Wind Power, LLC	ACTIVE
126571	Nordic Energy Services, LLC	ACTIVE
51277	North American Power and Gas, LLC	<b>ACTIVE</b>
111	North Attleborough Electric Department	ACTIVE
129432	North Stonington Solar Center, LLC	ACTIVE
50775	Northern States Power Company	<b>ACTIVE</b>
158	Norwood Municipal Light Department	ACTIVE
51296	Number Nine Wind Farm LLC	ACTIVE
128680	Nylon Corporation of America, Inc.	ACTIVE
122709	Oasis Power, LLC	ACTIVE
51387	Ontario Power Generation Energy Trading, Inc.	ACTIVE
50716	Ontario Power Generation Inc.	ACTIVE
128486	Orbit Energy Rhode Island, LLC	ACTIVE
51393	PNE Energy Supply LLC	ACTIVE
50421	PSEG Energy Resources & Trade LLC	ACTIVE
51439	PSEG New Haven LLC	ACTIVE
122707	Pacific Summit Energy LLC	ACTIVE
51457	Palmco Power MA, LLC	ACTIVE ACTIVE
133844 116	Paper Birch Energy, LLC Pascoag Utility District	ACTIVE
51083	Patriot Partnership LLC	ACTIVE
50985	Pawtucket Power Holding Company LLC	ACTIVE
117	Paxton Municipal Light Department	ACTIVE
4.4.5	·	

144	Peabody Municipal Light Plant	ACTIVE
126648	Peninsula Power, LLC	ACTIVE
91353	Perigee Energy, LLC	ACTIVE
117297	Pioneer Hydro Electric Co., Inc.	ACTIVE
51325	Pixelle Energy Services LLC Plainfield Renewable Energy, LLC	ACTIVE ACTIVE
50921 124176	Plant-E Corp.	ACTIVE
51425	Plymouth Rock Energy, LLC	ACTIVE
134756	Power Ledger Pty. Ltd.	ACTIVE
115734	Power Supply Services, LLC	ACTIVE
50392	PowerOptions, Inc.	ACTIVE
50338	Praxair, Inc.	ACTIVE
145	Princeton Municipal Light Department	ACTIVE
133769	Priogen Power LLC	ACTIVE
104122	Provider Power MASS, LLC	ACTIVE
51255	Provisional Group Member	ACTIVE
50998	Public Power, LLC	ACTIVE ACTIVE
50094 51288	Public Service Company of New Hampshire Putnam Hydropower, Inc.	ACTIVE
133694	RPA Energy Inc.	ACTIVE
50696	Rainbow Energy Marketing Corp.	ACTIVE
50745	ReEnergy Stratton LLC	ACTIVE
148	Reading Municipal Light Department	ACTIVE
51072	Record Hill Wind LLC	ACTIVE
51382	Reliant Energy Northeast LLC	ACTIVE
128209	Renaissance Power & Gas, Inc.	ACTIVE
102794	Rensselaer Generating LLC	ACTIVE
51429	Repsol Energy North America Corporation	ACTIVE
126502	Residents Energy, LLC	ACTIVE
132960	Revere Power, LLC	ACTIVE ACTIVE
50713 50460	Rhode Island Engine Genco, LLC Rhode Island Public Utilities Commission	ACTIVE
127430	Rhode Island State Energy Center, LP	ACTIVE
51263	Rocky Gorge Corporation	ACTIVE
127145	Roctop Investments Inc.	ACTIVE
133294	Rodan Energy Solutions (USA) Inc.	ACTIVE
128371	Roseton Generating LLC	ACTIVE
146	Rowley Municipal Lighting Plant	ACTIVE
128557	RoxWind LLC	ACTIVE
128310	Rubicon NYP Corp.	ACTIVE
51306	Russell Municipal Light Department	ACTIVE
126460	SFE Energy Mossochusetts, Inc.	ACTIVE ACTIVE
126483 133693	SFE Energy Massachusetts, Inc. SP Transmission, LLC	ACTIVE
106136	SRECTrade, Inc.	ACTIVE
128069	SWEB Development USA, LLC	ACTIVE
134755	SYSOLLC	ACTIVE
50751	Saint Anselm College	ACTIVE
51223	Saracen Energy East LP	ACTIVE
51218	Saracen Power LP	ACTIVE
50737	Seneca Energy II, LLC	ACTIVE
87	Shell Energy North America (US), L.P.	ACTIVE
51012	Shipyard Brewing Co., LLC	ACTIVE
51013	Shipyard Energy, LLC	ACTIVE ACTIVE
149 133934	Shrewsbury Electric & Cable Operations Sky View Ventures, LLC	ACTIVE
123437	SmartEnergy Holdings, LLC	ACTIVE
133188	SociVolta Inc.	ACTIVE
150	South Hadley Electric Light Department	ACTIVE
51031	South Jersey Energy Company	ACTIVE
128313	South Jersey Energy ISO3, LLC	ACTIVE
50859	Spark Energy, LLC	ACTIVE
89219	Springfield Power, LLC	ACTIVE
51402	Spruce Mountain Wind, LLC	ACTIVE
133845	Standard Normal Energy LLC	ACTIVE

51279	Starion Energy Inc.	ACTIVE
51463	State of Maine - Maine Public Advocate Office	ACTIVE
152	Sterling Municipal Electric Light Department	ACTIVE
78239	Stetson Holdings, LLC	ACTIVE
51059	Stetson Wind II, LLC	ACTIVE
130567	Stonepeak Kestrel Energy Marketing LLC	ACTIVE
86	Stored Solar J&WE, LLC	ACTIVE ACTIVE
50324	Stowe Electric Department	ACTIVE
51353 128571	Summer Energy Northeast, LLC Sunrun Inc.	ACTIVE
124090	Sunwave USA Holdings Inc.	ACTIVE
127138	Sustaining Power Solutions LLC	ACTIVE
130638	Syncarpha Billerica, LLC	ACTIVE
130637	Syncarpha Bondsville, LLC	ACTIVE
130640	Syncarpha Hancock Solar, LLC	ACTIVE
128556	Syncarpha Lexington, LLC	ACTIVE
130641	Syncarpha North Adams, LLC	ACTIVE
120535	TEC Energy Inc.	ACTIVE
50212	Talen Energy Marketing, LLC	ACTIVE
51456	Tangent Energy Solutions, Inc.	ACTIVE
153	Taunton Municipal Lighting Plant	ACTIVE
180	Templeton Municipal Light & Water Plant	ACTIVE
128582	Tenaska Power Management, LLC	ACTIVE
89297	Tenaska Power Services Co. Texas Retail Energy, LLC	ACTIVE ACTIVE
51378 50376	The Energy Consortium	ACTIVE
126641	The Moore Company	ACTIVE
156	The Narragansett Electric Company	ACTIVE
132818	Thordin ApS	ACTIVE
129516	Three Corners Solar, LLC	ACTIVE
128204	Titan Gas, LLC	ACTIVE
114502	Town Square Energy, LLC	ACTIVE
126481	Town of Hanover	ACTIVE
51310	Town of Wallingford CT Dept of Public Utilities Electric D	ACTIVE
50720	Town of Wolfeboro Municipal Electric Department	ACTIVE
126479	TrailStone Energy Marketing, LLC	ACTIVE
50399	TransAlta Energy Marketing (U.S.) Inc.	ACTIVE
126652	Transgrid Midwest LLC	ACTIVE ACTIVE
133350	Transource New England, LLC	ACTIVE
51399 51428	TrueLight Commodities, LLC Twin Eagle Resource Management, LLC	ACTIVE
126716	UIL Distributed Resources LLC	ACTIVE
126796	Uncia Energy, LP - Series G	ACTIVE
89273	Union Atlantic Electricity	SUSPENDED
50366	Union of Concerned Scientists	ACTIVE
126488	Uniper Global Commodities North America LLC	ACTIVE
181	United Illuminating Company, The	ACTIVE
50308	Unitil Energy Systems, Inc.	ACTIVE
185	Unitil Power Corporation	ACTIVE
50925	University System of New Hampshire	ACTIVE
50944	University of Massachusetts at Amherst	ACTIVE
51051	Utility Services, Inc.	ACTIVE
126519	VECO Power Trading, LLC	ACTIVE ACTIVE
132951 51254	Valcour Wind Energy, LLC Verde Energy USA, Inc.	ACTIVE
133175	Verde Group, LLC	ACTIVE
50462	Vermont Department of Public Service	ACTIVE
50326	Vermont Electric Cooperative, Inc.	ACTIVE
182	Vermont Electric Power Company, Inc.	ACTIVE
51036	Vermont Electric Power Company, Inc. Local Control Ce	<b>ACTIVE</b>
50868	Vermont Energy Investment Corporation	ACTIVE
50289	Vermont Public Power Supply Authority	ACTIVE
50461	Vermont Public Utility Commission	ACTIVE
50853	Vermont Transco LLC	ACTIVE
51002	Vermont Wind, LLC	ACTIVE

2	Versant Power	ACTIVE
129782	Village of Hyde Park Electric Department	ACTIVE
128644	Vineyard Wind LLC	ACTIVE
51227	Viridian Energy, LLC	ACTIVE
128570	Viridity Energy Solutions Inc.	ACTIVE
51351	Vitol Inc.	ACTIVE
51062	WM Renewable Energy, L.L.C.	ACTIVE
183	Wakefield Municipal Gas & Light Department	ACTIVE
51220	Waterbury Generation LLC	ACTIVE
51252	Waterside Power, LLC	ACTIVE
129471	Wattifi Inc.	ACTIVE
115242	Weaver Wind, LLC	ACTIVE
50484	Wellesley Municipal Light Plant	ACTIVE
186	West Boylston Municipal Light	ACTIVE
187	Westfield Gas and Electric Department	ACTIVE
51115	Wheelabrator Bridgeport, L.P.	ACTIVE
50808	Wheelabrator North Andover Inc	ACTIVE
51173	Wolverine Holdings, L.P.	ACTIVE
129815	Woods Hill Solar, LLC	ACTIVE
51426	XOOM Energy, LLC	ACTIVE
128252	Yellow Jacket Energy, LLC	ACTIVE
89211	Yes Energy, LLC	ACTIVE
50803	Z-TECH LLC	ACTIVE
50952	eKapital Investments LLC	ACTIVE

# Attachment E

### **EDI Certification**

(Puc 2006.01(k))



#### Electronic Data Interchange (EDI) Certification

#### Unitil Energy Systems (UES)

Issued to:

**Direct Energy Business** 

Represented by:

Candace Cox

Issued by:

Unitil Energy Systems

Represented by:

Caitlin D. Chaput, Associate Transaction Analyst

Date:

3/25/16

This is official notification of the successful completion of Electric EDI testing between Unitil Energy Systems and Direct Energy Business. As of 3/25/16, Unitil Energy Systems does hereby declare Direct Energy Business as a certified EDI trading partner capable of exchanging the following transactions:

810	Invoice
814	Change
814	Drop
814	Enrollment
814	Historical Usage Request
820	Payment Notification
867	Historical Usage
867	Monthly Usage
997	Functional Acknowledgement

Direct Energy Business has successfully satisfied all the requirements of connectivity with Unitil Energy Systems. Direct Energy Business has also proven through detailed transaction testing its understanding of the business rules and EDI formats required for account maintenance, and billing (dual and LDC rate-ready consolidated) as described by the New Hampshire Public Utilities Commission and using V12 version 4010 standards.

Signature,

Date

Caitlin D. Chaput

Associate Transaction Analyst

Unitil Service Corp.

6 Liberty Lane West

Hampton, NH 03842-1720

EL SupplierServices@unitil.com



# Public Service Company of New Hampshire (d/b/a) Eversource Energy

# **Certificate of Completion**

is hereby granted to:

# **Direct Energy Business, LLC**

to certify that they have completed to satisfaction

**NH EDI Connectivity and Certification Testing** 

Granted: 03/17/16

aaron Jouring

Aaron Downing Eversource Supplier Services

# Attachment F

# **States Business Conducted**

(Puc 2006.01(n))

#### Jurisdictions of Operation – Direct Energy Business, LLC

Name: Direct Energy Business, LLC

Business Address: 1001 Liberty Avenue Suite 1200, Pittsburgh, PA 15222

License #/State of Issuance: License # 1351 (Power)/California;

Docket # 00-05-14RE01 (Power)/Connecticut;

Certificate # 5267 (Power)/Delaware; License # EA-04-4-4 (Power)/D.C.; Docket No. 04-0811 (Power)/Illinois; Docket No. 2011-201 (Power)/Maine; License # IR-437 (Power)/Maryland;

License # CS-021 (Power)/Massachusetts; License # GS-052 (Gas)/Massachusetts; Docket # U-13609 (Power)/Michigan; License # ESL-0165 (Power)/New Jersey; License # DM 15-373 (Power)/New Hampshire; Letter Order 2019 (Power & Gas) /New York

Certificate # 00-005(10) (Power)/Ohio; License # A-110025 (Power)/Pennsylvania; Docket # D-96-6(Z) (Power)/Rhode Island;

Certificate # 10011 (Power)/Texas License # E-38 (Power)/Virginia

#### **State Not Currently Serving Customers**

License # IR-2697 (Gas)/Maryland; License #0013 (Gas)/California; Registration # 12-03 (Gas)/Connecticut; License # GSL-0145 (Gas)/New Jersey; License # A-125072 (Gas)/Pennsylvania; Docket # 2379(A3) (Gas)/Rhode Island;

# <u>Direct Energy affiliates other than a regulated electricity of natural gas utility currently serving retail</u> customers or engaged in the retail sale of electricity, or electricity supply services, or natural gas:

Name: Direct Energy Business Marketing, LLC

Business Address: 194 Wood Avenue South Suite 200, New Jersey, NJ 08830

License #/State of Issuance: License # 0031 (Gas)/California;

Registration # 13-03 (Gas)/Connecticut; Docket # GA-2013-03-1 (Gas)/D.C.; License # IR-3108 (Gas)/Maryland; License # GS-051 (Gas)/Massachusetts; DM 13-121 (Gas)/New Hampshire; License # GSL0128 (Gas)/New Jersey; Letter Order 2019 (Power & Gas)/New York;

Certificate # 13-303G(4) (Gas)/Ohio;

License A-2013-2365792 (Gas)/Pennsylvania; Docket # 2379(Y2) (Gas)/Rhode Island;

License G-7 (Gas)/Virginia

#### **States Not Currently Serving Customers:**

Docket # 13-08-02 (Power)/Connecticut; Docket # EA-2013-12 (Power)/D.C.; Certificate No. 8425 (Power)/Delaware; Docket # 2013-00404 (Power)/Maine; License # IR-3123 (Power)/Maryland; DM 13-260 (Power)/New Hampshire; License # ESL0142 (Power)/New Jersey;

License A-2013-2368464 (Power)/Pennsylvania; Docket # D-96-6(J6) (Power)/Rhode Island

Name:

Direct Energy Services, LLC

Business Address:

12 Greenway Plaza, Suite 250, Houston, TX 77046

License #/State of Issuance: Docket # 06-03-06RE02 (Power)/Connecticut;

Registration # 01-04 (Gas)/Connecticut;

Case No. EA-05-3-5/Order No. 13816 (Power)/D.C.;

Certificate No. 6790 (Power)/Delaware; Docket # 05-0722 (Power)/Illinois; Docket # 05-0086 (Gas)/Illinois;

License # CS-047 (Power)/Massachusetts; License # GS-028 (Gas)/Massachusetts; License # IR-719 (Power)/Maryland; License # IR-791 (Gas)/Maryland; Case No. U-14537 (Gas)/Michigan; License # ESL-0078 (Power)/New Jersey; License # GSL-0088 (Gas)/New Jersey; Letter Order 2019 (Power & Gas)/ New York; License # DM 15-513 (Power)/ New Hampshire;

Certificate # 02-024G(9) (Gas)/Ohio; Certificate # 00-19E(10) (Power)/Ohio; License # A-110164 (Power)/Pennsylvania; License # A-125135 (Gas)/Pennsylvania; Docket # D-96-6(U2) (Power)/Rhode Island; Docket # 2379(T1) (Gas)/Rhode Island;

#### **States Not Currently Serving Customers**

Case No. U-14724 (Power)/Michigan; Docket # 2005-479 (Power)/Maine; License # E-36 (Power)/Virginia Name:

Direct Energy, LP

**Business Address:** 

12 Greenway Plaza, Suite 250, Houston, TX 77046

License #/State of Issuance:

Rep# 10040 (Power)/Texas

Name:

CPL Retail Energy, LP

**Business Address:** 

12 Greenway Plaza, Suite 250, Houston, TX 77046

License #/State of Issuance:

Rep# 10023 (Power)/Texas

Name:

WTU Retail Energy, LP

**Business Address:** 

12 Greenway Plaza, Suite 250, Houston, TX 77046

License #/State of Issuance:

Rep# 10022 (Power)/Texas

Name:

First Choice Power, LLC

**Business Address:** 

**Business Address:** 

12 Greenway Plaza, Suite 250, Houston, TX 77046

License #/State of Issuance:

Rep# 10008 (Power)/Texas

Name:

**Gateway Energy Services Corporation** 

12 Greenway Plaza, Suite 250, Houston, TX 77046

License #/State of Issuance:

Case No. GA 03-4 (Gas)/D.C.;

License # A-2009-2137275 (Power)/Pennsylvania; License # A-2009-2138725 (Gas)/Pennsylvania;

License # IR-334 (Gas)/Maryland; License # IR-340 (Power)/Maryland; License # GSL-0146 (Gas)/New Jersey; License # ESL-0166(Power)/ New Jersey

#### Attachment F - State Business Conducted

**Direct Energy Business, LLC - States Holding Licenses** 

State	Date Acquired
California	5/1/2000
Connecticut	9/27/2000
Delaware	8/18/1999
District of Columbia	5/11/2004
Illinois	2/8/2005
Maine	12/3/2005
Maryland	3/27/2002
Massachusetts	12/2/1999
Michigan	11/7/2002
New Hampshire	8/31/1999
New Jersey	8/18/1999
New York	5/18/1998
Ohio	10/27/2000
Pennsylvania	7/31/1997
Rhode Island	1/9/1998
Texas	2/20/2001
Virginia	5/31/2017

### Attachment G

### **Customer Complaints**

(Puc 2006.01(0))

	(6	enter a	applica	ble sta	tes/juris	sdiction	s in rov	v just b	elow)							
Compliant Type																Total
		СТ	DC	DE	IL	MA	MD	ME	NH	NJ	NY	ОН	PA	RI	TX	
BBB			1		1								1		4	7
PUC		5	9	1	47	1	20	1	4	3	42	34	35	1	45	248
	-	_							_							
Total		5	10	1	48	1	20	1	4	3	42	34	36	1	49	255

# Attachment H **Disciplinary Summary**

(Puc 2006.01(q))

In the interest of full disclosure, Direct Energy Business, LLC has been the subject of legal and regulatory proceedings with the California Public Utilities Commission and Public Utilities Regulatory Authority in Connecticut, which are summarized directly below with more detailed explanations following.

#### Direct Energy Business, LLC: California (Penalty Assessment - Non-Compliance)

In July 2017, Direct Energy Business, LLC ("DEB") was notified by the Energy Division of the California Public Utilities Commission ("CPUC") that there was a deficiency in DEB's monthly compliance Resource Adequacy load forecast filing for September 2017 by 16.99 MW. The CPUC allowed a seven-day extension to procure the required resources; however, we were unable to execute a contract for the deficiency with the only counterparty that had available supply in time to meet the CPUC's deadline. This resulted in the CPUC assessing a penalty of \$6.66/kWm, which equaled to \$113,000.

#### Direct Energy Business, LLC: Connecticut

PUCT Docket 19-02-13

Date of Resolution: New/Ongoing

On February 11, 2019, the Public Utilities Regulatory Authority opened the above-referenced docket to consider whether to issue a declaratory ruling finding that the alleged supplier practice of altering the price of business customers' fixed-price contracts violated the Connecticut Unfair Trade Practices Act (CUTPA). After conducting the investigation, the Authority did not issue such a declaratory ruling but rather, in a letter issued on July 19, 2019, referred the matter to the Department of Consumer Protection and the Attorney General on the grounds that "the Authority has reason to believe that Direct's...increases to business customers' fixed-price contracts may violate state law." The conclusion of this matter has no immediate impacts on Direct Energy. It will be up to the Department of Consumer Protection, the agency with the primary authority to enforce CUTPA, to determine whether further action is warranted. If so, it can seek the assistance of the Attorney General in taking any further action against Direct Energy.

PUC Docket 06-03-06RE03 Date of Resolution: August 26, 2015

10/19/2020 Page 1

### Attachment I

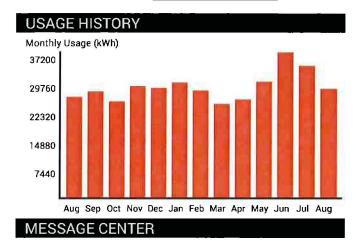
### **Sample Billing**

(Puc 2006.01(v))



Invoice #
Account #
Invoice Date 10/02/20
Due Date 10/22/20
Page 1

CUSTOMER IN	IFORMATI	ON	
Company:			
Billing Address:			7



INVOICE SUMMARY	
Previous Balance Payment Received (September 21, 2020) Total Balance Forward	\$2,787.78 -\$2,787.78 \$0.00
Adjustments Late Payment Charge Current Usage Charges Taxes Total Current Charges	\$0.00 \$0.00 \$2,300.16 \$0.00 \$2,300.16
Amount Due By October 22, 2020	\$2,300.16
PAYMENT OPTIONS	
By web myaccount.directenergy.com	
By phone 888.925.9115 (§	
By mail Remittance slip below	
QUESTIONS?	
Visit Us myaccount.directenergy.com	
Call Us 888.925.91 15 3	
Outages 1.888.301.7700	



1001 Liberty Avenue, Pittsburgh, PA 15222

1001 Liberty Avenue Pittsburgh, PA 15222 Detach here and return this portion with check or money order. Do not staple or fold.

Invoice # Account #



#### Amount Due by October 22, 2020

\$2,300.16

Amount Enclosed

Please write your account number on your check or money order made payable to Direct Energy Business.

Direct Energy Business P.O. Box 660749 Dallas, TX 75266





Invoice #
Account #
Invoice Date
Due Date

10/02/20 10/22/20 Page 2

#### **GENERAL INFORMATION**

For questions or concerns relating to this bill, please call Direct Energy Business's Customer Relations Department at:

8 AM - 6 PM ET, Monday through Friday myaccount.directenergy.com Phone: 888.925.9115 If mailing correspondence, please forward to Direct Energy Business Attn: Customer Relations 1001 Liberty Avenue Pittsburgh, PA 15222

Delivery problems such as power outages are typically due to problems with local distribution facilities. For service problems call the utility's 24-hour service center at: Unitil Energy Systems 1.888.301.7700

According to the terms contained in your energy service agreement with Direct Energy, if you end your service prior to the end of your agreement term, you may be charged an early termination fee. Please refer to your energy service agreement for details.

In the event that the Term of your Agreement has expired, your account will be invoiced at a Market Variable Rate. This rate is subject to change monthly. Please refer to your agreement for additional information.

RIGHT TO FILE A PUC COMPLAINT: If you believe this bill contains any unauthorized charges, please contact Direct Energy Business Customer Relations at the information above. If, after contacting Customer Relations, you are not satisfied with the resolution, you have the right to file a complaint with New Hampshire Public Utilities Comission by calling 800.852.3793

Direct Energy Business's Competitive Supplier License Number: DM 15-373

DUAL-BILLED METER READ DATA: Please refer to your utility invoice for information on your meter readings

ACTUAL CONSUMPTION DATA: You may access/request actual consumption data for any billing period during which we served you, either by logging into your online account via our our homepage, business. directenegy.com, or by calling 888.925.9115 and requesting it from Customer Relations.



For more information on terms and definitions found within this invoice, please visit us online at <u>directenergybusiness.com/</u> or through MyAccount. If you would prefer to have a copy of invoice terms and definitions sent to you, please submit your request via phone at 1-888-925-9115.

Change of Address?

Please contact the Direct Energy Business Customer Relations team at:

Direct Energy Business Attn: Customer Relations 1001 Liberty Avenue Pittsburgh, PA 15222 Phone 1-888-925-9115



Invoice # Account # Invoice Date Due Date

10/02/20 10/22/20 Page 3

YOUR SERVICE CHARGES	
EDC.# Store Num	nber:
Direct Energy Business Electric Service Meter#	
Service Period August 25, 2020 to September 25, 2020 Actual-Tol Meter Multiplier of 1	tal 69.11 kW UCAP
Meter# Service Period August 25, 2020 to September 25, 2020 Actual-Tot Meter Multiplier of 1	tal 28,020 k <b>W</b> h
August 25, 2020 to September 25, 2020 Fixed Price - 28,020 kWh Total @ \$0.08209/kWh Current Actual Charges	\$2,300.16 \$2,300.16
TOTAL CHARGES FOR EDC.#	\$2,300.16

### Attachment J

### **Financial Security**

(Puc 2003.01(b)(2))

#### **Financial Statements**

The corporate owner of Direct Energy Business, LLC is Direct Energy Services, LLC, an indirect wholly owned subsidiary of Centrica plc. The Annual Report and other relevant filings of Centrica plc are too voluminous to be reproduced herein. As such, Summary Financial Statements for years 2019 is included for reference. In addition, the full Annual Report of Centrica plc can be accessed at the following web pages:

2019 - https://www.centrica.com/investors/results-centre/annual-report-2019/

### **Group Balance Sheet**

Intensital pinit ventures and associales         16         1,05         1,16           Other intangbio assets         15         1,455         1,75           Deferred tax assets         16         55.33         55           Deferred tax assets         17         154         11           Deferred tax assets         19         453         52           Securities         2         56         22           Betiement benefit assets         2         16         22           Securities         2         16         22           Securities         18         43         24           Develationent benefit assets         17         4,89         5,54           Securities         18         43         4           Develation for precivables, and contract-related assets         17         4,89         5,54           Develation franching for precivables, and contract-related assets         17         4,89         5,54           Develation franching franching         18         43         4           Develation franching franching         18         4         6           Current facilities         18         6,25         6,86           Table and cost equival cassets		Notes	31 December 2019 £m	31 December 2018 £m
International production of the internation plot sessers in joint vontures and associates         1,6         1,65         1,76           Other interapplic sessers         1,6         1,455         1,76           Deformed tax assets         16         533         55           Deformed tax assets         17         1,54         11           Denation for receivables, and contract-related assets         19         4,58         52           Betterment be self assets         2         56         22           Scoutilities         17         4,58         52           Betterment be self assets         17         4,58         52           Scoutilities         17         4,58         55           Current tax assets         18         41         6           Current tax assets         18         41         6           Current tax assets         18         41         6           Total assets         18         41         6           Total assets         18 <td< td=""><td>Non-current assets</td><td></td><td></td><td></td></td<>	Non-current assets			
Interests in joint ventures and associates         1, 65         1,56         1,56         1,56         1,56         1,56         1,56         1,56         1,56         2,57         2,57         2,57         2,57         2,57         2,57         2,57         2,57         2,57         2,57         2,57         2,57         2,57         2,57         1,56         1,56         1,56         2,57	Property, plant and equipment	13	3,133	4,124
Other intargible assets         15         1,455         1,75           Cockowli         16         5,257         2,576           Deformed lax asseds         17         15         153         155           Trada and other receivables, and contract-related assets         17         143         15           Deforment benefit assets         22         56         131         22           Socuritice         31         131         22         136         125           Current assets         18         131         22         131         22         136         132         116         22         136         122         136         125         118         23         118         22         136         125         118         25         118         25         118         25         118         25         118         25         118         25         118         25         118         25         118         25         118         25         118         25         118         25         118         25         118         25         118         25         118         25         118         25         118         25         118         25 <td< td=""><td>The same of the sa</td><td></td><td></td><td>1,661</td></td<>	The same of the sa			1,661
Goodwill         15         2,578         2,75           Deferred tax sests         16         553         553           Trade and other receivables, and contract-related assets         17         154         17           Petiterment benefit assets         29         16         22           Scoutilités         29         16         22           Fetitement benefit assets         29         18         22           Current tax sets         17         4,839         5,55           Trade and other receivables, and contract-related assets         17         4,839         5,55           Trade and other receivables, and contract-related assets         17         4,839         5,55           Courrent tax saids         18         43         4           Courrent tax saids         18         13         4           Cash and cash equivalents         19         1,342         1,62           Cash and cash equivalents         19         1,62         1,62	•			1,720
Defende for assetS         16         553         5.5           Trada and other neceviables, and contract-related assetS         17         154         15.5           Peltiment benefit assetS         22         56         25           Socurities         24         131         22           Socurities         84         131         22           Current assetS         18         431         435         55           Trada and other receivables, and contract-related assetS         18         431         435         45,1           Trada and other receivables, and contract-related assetS         18         431         431         43         44         141         143         44         141         14 </td <td>34 No. 101 No.</td> <td></td> <td></td> <td>2,736</td>	34 No. 101 No.			2,736
Trade and other receivables, and contract-related assets         17         154         11           Denátivement benardal instruments         19         493         52           Southités         24         131         22         56         22           Southités         24         131         22         56         22           Fourités         24         131         22         118         22           Current assets         17         4839         55         118         45         54				532
Derichter Francial Instruments         19         493         55           Releterment benefit assets         22         56         25           Socurifies         24         11         22           Socurifies         28         11,8         22           Turnet assets         17         4,839         5,55           Inventories francial instruments         18         1,22         1,12           Current tax assets         18         1,24         1,6         1,2           Cash and cash equivalents         24         124         1,6         1,2         1,2           Socurities         24         124         1,6         1,2				119
Retirement benefit assets         22         56         22           Socurities         4         131         22           Current assets         37         4,839         5,56           Inventorias         18         4,31         4,55           Inventorias         18         4,31         4,55           Inventorias         18         4,31         4,55           Inventorias         18         4,31         4,55           Current tax assets         24         124         6           Cash and cash equivalents         24         124         6           Cash and cash equivalents         24         124         6           Cash and cash equivalents         12         124         6           Cash and cash equivalents         12         124         6           Assets         12         124         124         6           Cash and cash equivalents         12         124         124         6           Cash and cash equivalents         18         1,12         2         6         6         6         6         6         6         6         6         6         6         6         6         6         6				537
Scourtilise         34         131         22           Current assets         17         4,839         5,5           Inventories         18         431         4,8         5,5           Inventories         18         431         4,8         5,5           Inventories         19         1,320         1,1         4           Current tax assets         2         115         115         18         18         5,1         18         15         18         18         11         18         18         24         1,42         1,22				223
Current assets         4,859         11,86           Current assets         17         4,839         5,55           Irvantories         18         431         4,55           Irvantories         18         431         4,55           Irvantories         18         431         4,55           Current tax assets         115         115         115           Socutitis         24         124         6           Cash and cash equivalents         24         1,24         6           Assets of disposal groups classified as held for sale         12         124         6           Assets of disposal groups classified as held for sale         12         124         6           Total assets         18         1,54         2,55         8,66           Total assets         19         1,54         2,55         8,66           Total assets         21         2,24         2,25         8,66           Total assets         19         1,154         2,154         2,25         8,66           Total assets         19         1,154         2,154         2,154         2,154         2,154         2,154         2,154         2,154         2,154         2,154 <td></td> <td></td> <td></td> <td>239</td>				239
Current assets         7         4,839         5,57           Trade and other receivables, and contract-related assets         18         431         4,839         5,57           Enventories         18         431         4,839         5,57           Current lax assets         19         1,320         1,14           Cost and cash equivalents         24         1,24         1,22           Cash and cash equivalents         24         1,24         1,22           Assets of disposal groups classified as held for sate         12         1,24         2,25         8,66           Assets of disposal groups classified as held for sate         12         2,25         8,66	Securities	24		11,891
Trade and other receivables, and contract-related assets         17         4,839         5,55           Inventories         18         4,31         4,4           Current tax assets         115         115         115           Securities         24         124         12         12           Cash and cash equivalents         24         13,42         12           Assets of disposal groups classified as held for sate         18,171         8,66           Total assets         18,174         20,50           Total assets         18,164         20,50           Current liabilities         19         (1,854)         11,15           Track and other payables, and contract-related liabilities         29         (5,533)         6,26           Current tax fact from the receivables, and contract-related liabilities         29         (1,53)         6,23           Provision for other liabilities and charges         21         (284)         33           Each of other liabilities and charges         16         (8,73)         33           Ibelifies of disposal groups classified as held for sale         19         (1,86)         18           Provision for other liabilities         16         (151)         36           Relative frame frame frame	Current assets		0,000	11,001
Inventories         18         431         45           Dorhakte financial instruments         18         1,320         1,14           Current tax seasts         115         1,15           Scoutities         24         1,24         1,02           Cash and cash equivalents         24         1,342         1,24           Assets of disposal groups classified as held for sale         12         1,24         2,25           Assets of disposal groups classified as held for sale         12         1,24         2,25           Total assets         18,154         2,05         8,66           Total assets         19         (1,854)         0,15           Current tablifities         19         (1,854)         1,15           Trade and other payables, and contract-related liabilities         2         (5,533)         6,23           Current tax liabilities         21         (2,867)         3,33           Braik overdrafts, loans and other borrowings         21         (8,87)         1,33           Braik overdrafts, loans and other borrowings         18         (8,38)         1,33           Beferred tax liabilities         16         (151)         3,3           Deferred tax liabilities         2         (1,25)		17	4.839	5,543
Derivative financial instruments         19         1,320         1,140           Current fax assets         115<				459
Current lax assets         115         115           Securities         24         124         124           Cash and cash equivalents         24         1,342         1,24           Assets of disposal groups classified as held for sale         12         12,14           Assets of disposal groups classified as held for sale         12         12,14           Total assets         18,16         20,55         3,66           Total assets         19         1,184         20,55         3,66           Total assets         19         1,185         1,13         <				1,141
Scourtiles         24         124         1.64           Cash and cash equivalents         2         1,342         1,24           Assets of disposal groups classified as held for sale         12         124           Assets of disposal groups classified as held for sale         18,295         8,686           Total assets         8,295         8,686           Total assets         19         1,685         2,685           Current liabilities         19         1,685         6,685           Current task filtraturents         19         1,685         6,685           Current task billities         19         1,685         6,865           Current task billities and charges         21         1,284         1,03           Each coverdrafts, bens and other borowings         2         1,687         1,63           Libilities of disposal groups classified as held for sale         12         1,03         1,03           Defrect task labilities         16         1,01         1,03         1,03         1,03           Defrect task labilities         16         1,01         1,03         1,03         1,03         1,03         1,03         1,03         1,03         1,03         1,03         1,03         1,03         1,0		13	7.54	187
Cash and cash equivalents         24         1,342         1,26           Assets of disposal groups classified as held for sale         12         124           Courset         8,295         8,66           Total assets         18,164         20,55           Current liabilities         18,164         20,55           Derivative financial instruments         19         (1,854)         (1,13           Trade and other payables, and contract-related liabilities         20         (5,533)         6,62           Current tax liabilities and charges         21         (284)         (30           Provisions for other liabilities and charges         21         (284)         (30           Bank overdrafts, bans and other borrowings         24         (857)         (3)           Unabilities         (8,867)         (3)         (3)           Non-current liabilities         (8,867)         (3)           Deferred tax liabilities         16         (151)         (3)           Devisions for other liabilities a		. 24		68
Assets of disposal groups classified as held for sale         12         124           Assets of disposal groups classified as held for sale         12         124           Total assets         18,164         20,55           Current liabilities         19         (1,854)         (1,13           Derivative financial instruments         19         (1,854)         (1,13           Tace and other payables, and contract-related liabilities         20         (5,533)         (6,22           Current tax liabilities and charges         21         (284)         (30           Provisions for other liabilities and charges         21         (287)         (3)           Bank overdrafts, loans and other borrowings         12         (18)         (3)         (3)           Liabilities of disposal groups classified as held for sale         12         (18)         (3)         (3)           Non-current liabilities         12         (18)         (3)         (3)         (3)           Non-current liabilities         12         (18)         (3)         (3)         (3)         (3)         (3)         (3)         (3)         (3)         (3)         (3)         (3)         (3)         (3)         (3)         (3)         (3)         (3)         (3)				1,268
Assets of disposal groups classified as held for sale         12         124           Cotal assets         8,295         8,60           Total assets         18,154         20,55           Current liabilities         2         (1,54)         (1,15)           Derhative financial instruments         19         (1,654)         (1,15)           Trade and other payables, and contract-related liabilities         (339)         (36           Current tax liabilities         21         (284)         (30           Bank overdrafts, loans and other borrowings         21         (284)         (30           Bank overdrafts, loans and other borrowings         24         (857)         (3)           Clabilities of disposal groups classified as held for sale         12         (18)           Unabilities         (2         (8,85)         (8,85)         (8,85)           Non-current liabilities         16         (151)         (30 </td <td>Cash and Cash equivalente</td> <td>24</td> <td></td> <td>8,666</td>	Cash and Cash equivalente	24		8,666
Rapid   Rapi	Assets of disposal groups classified as held for sale	12		- 0,000
Current liabilities         19,154         20,50           Derivative financial instruments         19         (1,854)         (1,13           Trace and other payables, and contract-related liabilities         20         (5,533)         (6,20           Current tax liabilities         20         (5,533)         (6,20           Current tax liabilities and charges         21         (284)         (30           Bank overdrafts, loans and other borrowings         24         (857)         (6,38           Liabilities of disposal groups classified as held for sale         12         (18)           Liabilities         12         (18)           Non-current liabilities         16         (151)         (3           Deferred tax liabilities         16         (151)         (3           Derivative financial instruments         19         (291)         (4           Trace and other payables, and contract-related liabilities         16         (151)         (3           Berliement benefit obligations         21         (2,175)         (2,5           Reliement benefit obligations         22         (219)         (3           Bank loans and other borrowings         24         (4,48)         (4,3)           Total liabilities         1,76	7 books of displaced groups obtained to find for each	12		8,666
Current liabilities           Derivative financial instruments         19         (1,854)         (1,137)           Trade and other payables, and contract-related liabilities         20         (5,533)         (6,267)           Current tax liabilities         21         (284)         (339)         (36           Provisions for other liabilities and charges         21         (284)         (33           Bank overdrafts, loans and other borrowings         24         (857)         (33           Liabilities of disposal groups classified as held for sale         12         (188)           Liabilities         12         (18)           Non-current liabilities         8(863)         (8,38)           Deferred tax liabilities         16         (151)         38           Derivative financial instruments         19         (291)         (46           Trade and other payables, and contract-related liabilities         20         (152)         (15           Provisions for other liabilities and charges         21         (2,175)         (2,54)           Balik barrs and other porowings         21         (4,486)         (4,38)           Bank koars and other borrowings         24         (4,486)         (4,38)           Share ocapital         25	Total assets			
Derivative financial instruments         19         (1,854)         (1,157)           Trade and other payables, and contract-related liabilities         20         (5,533)         (6,200)           Current tax liabilities         339         (3           Provisions for other liabilities and charges         21         (284)         (357)         (3)           Bank overdrafts, loans and other borrowings         12         (8,867)         (3)         (8,867) <t< td=""><td>Total dodalo</td><td></td><td>10,101</td><td>20,007</td></t<>	Total dodalo		10,101	20,007
Trade and other payables, and contract-related liabilities         20         \$5,533         6,62           Current tax liabilities         (339)         (339)         (339)         (339)         (339)         (339)         (339)         (339)         (339)         (339)         (339)         (339)         (339)         (339)         (339)         (339)         (339)         (330)         (340)         (330)         (340)         (340)         (340)         (340)         (340)         (340)         (340)         (340)         (340)         (340)         (340)         (340)         (340)         (340)         (340	Current liabilities			
Trade and other payables, and contract-related liabilities         20         (5,533)         (6,20)           Current tax liabilities         (339)         (339)         (34)           Provisions for other liabilities and charges         21         (284)         (30)           Bank overdrafts, loans and other borrowings         (8,867)         (8,867)         (8,867)         (8,867)           Liabilities of disposal groups classified as held for sale         12         (18)         (8,867)	Derivative financial instruments	19	(1,854)	(1,136)
Current tax liabilities         (339)         (36)           Provisions for other liabilities and charges         21         (284)         (30)           Bank overdrafts, loans and other borrowings         24         (857)         (3)           Labilities of disposal groups classified as held for sale         18         (8,85)         (8,85)           Labilities of disposal groups classified as held for sale         18         (8,85)         (8,85)           Non-current liabilities         16         (151)         (38           Perferred tax liabilities         16         (151)         (38           Deferred tax liabilities         16         (151)         (38           Provisions for other liabilities         19         (291)         (48           Provisions for other liabilities         20         (152)         (16           Provisions for other liabilities and charges         21         (2175)         (254)           Retirement benefit colligations         22         (219)         (30           Bank loans and other portwings         24         (4,86)         (4,36)           Bank loans and other borrowings         1,76         (30           Characteristic         1,795         3,94           Share permium         25	Trade and other payables, and contract-related liabilities			(6,207)
Provisions for other liabilities and charges         21         (284)         (37)           Bank overdrafts, loans and other borrowings         4         (857)         (37)           Liabilities of disposal groups classified as held for sale         12         (18)           Liabilities of disposal groups classified as held for sale         12         (8,85)         (8,35)           Non-current liabilities         16         (151)         (38)           Deferred tax liabilities         16         (151)         (38)           Deferred tax liabilities         19         (291)         (40)           Trade and other payables, and contract-related liabilities         20         (152)         (15           Provisions for other liabilities and charges         21         (2,175)         (2,5)           Retirement benefit obligations         21         (2,175)         (2,5)           Retirement benefit obligations         22         (219)         (30)           Bank loans and other borrowings         24         (4,486)         (4,386)           Chatal liabilities         (16,359)         (16,60)           Net assets         1,795         3,94           Share permium         2,330         2,24           Retained earnings         2,30	* -		8 (8) 8	(360)
Bank overdrafts, loans and other borrowings         24         857         (37           Liabilities of disposal groups classified as held for sale         12         (18)           Liabilities of disposal groups classified as held for sale         12         (18)           Non-current liabilities           Deferred tax liabilities         16         (151)         (38)           Derivative financial instruments         19         (291)         (40)           Trade and other payables, and contract-related liabilities         20         (152)         (152)         (152)           Provisions for other liabilities and charges         21         (2,175)         (2,55)           Retirement benefit obligations         22         (219)         (30)           Bank loans and other borrowings         24         (4,486)         (4,38)           Bank loans and other borrowings         24         (4,486)         (4,38)           Net assets         1,795         3,94           Share capital         25         360         35           Share capital         25         360         35           Share permium         28         (699)         72           Other equity         34         (609)         (17		21		(305)
Liabilities of disposal groups classified as held for sale         12         (18)           Non-current liabilities         (8,885)         (8,385)         (8,885)         (8,920)         (1,925)         (1,925)         (1,925)         (1,925)         (1,925)         (8,920)         (1,925)         (1,925)         (1,925)         (1,925)         (1,925)         (1,925)         (1,925)         (1,925)         (1,925)         (1,925)	91 - 150 -		-	(374)
Liabilities of disposal groups classified as held for sale       12       (18)         Non-current liabilities       (8,885)       (8,385)         Non-current liabilities       16       (151)       (38)         Deferred tax liabilities       16       (151)       (38)         Derivative financial instruments       19       (291)       (47)         Trade and other payables, and contract-related liabilities       20       (152)       (152)         Provisions for other liabilities and charges       21       (2,175)       (2,54)         Retirement benefit obligations       22       (219)       (30)         Bank loans and other borrowings       24       (4,486)       (4,38)         Total liabilities       (16,359)       (16,60)       (16,60)         Net assets       1,795       3,94         Share capital       25       360       35         Share premium       2,330       2,24         Retained earnings       669       72         Other equity       34       (609)       (17         Total shareholders' equity       1,212       3,14         Non-controlling interests       51       583       80	,	***		(8,382)
(8,885)       (8,385)       (8	Liabilities of disposal groups classified as held for sale	12		(0,002)
Non-current liabilities       16       (151)       (38         Deferred tax liabilities       16       (151)       (38         Derivative financial instruments       19       (291)       (43         Trade and other payables, and contract-related liabilities       20       (152)       (152)         Provisions for other liabilities and charges       21       (2,175)       (2,54         Retirement benefit obligations       22       (219)       (30         Bank loans and other borrowings       24       (4,486)       (4,38         Total liabilities       (16,359)       (16,600)         Net assets       1,795       3,94         Share capital       25       360       35         Share premium       2,330       2,24         Retained earnings       (869)       72         Other equity       54       (609)       (17         Total shareholders' equity       1,212       3,144         Non-controlling interests       51       583       80	and the state of t	12		(8,382)
Deferred tax liabilities       16       (151)       (38         Derivative financial instruments       19       (291)       (43         Trade and other payables, and contract-related liabilities       20       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (2,54)       (2,54)       (2,54)       (2,54)       (2,54)       (30)       (30)       (30)       (30)       (30)       (4,486)       (4,38)       (4,48)       (4,38)       (4,38)	Non-current liabilities		(0,000)	(0,002)
Derivative financial instruments       19       (291)       (43         Trade and other payables, and contract-related liabilities       20       (152)		16	(151)	(384)
Trade and other payables, and contract-related liabilities       20       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (152)       (2,54)       (2,54)       (2,54)       (2,54)       (30)       (30)       (30)       (30)       (30)       (30)       (30)       (4,486)       (4,386)			-	(430)
Provisions for other liabilities and charges       21       (2,175)       (2,54)         Retirement benefit obligations       22       (219)       (30)         Bank loans and other borrowings       24       (4,486)       (4,38)         Total liabilities       (16,359)       (16,60)         Net assets       1,795       3,94         Share capital       25       360       35         Share premium       2,330       2,24         Retained earnings       (869)       72         Other equity       54       (609)       (17         Total shareholders' equity       1,212       3,14         Non-controlling interests       \$11       583       80			V5	(191)
Retirement benefit obligations     22     (219)     (30)       Bank loans and other borrowings     24     (4,486)     (4,386)       Total liabilities     (16,359)     (16,60)       Net assets     1,795     3,94       Share capital     25     360     35       Share premium     2,330     2,24       Retained earnings     (869)     72       Other equity     54     (609)     (17       Total shareholders' equity     1,212     3,14       Non-controlling interests     \$11     583     80			March Co. State	
Bank loans and other borrowings       24       (4,486)       (4,38         Total liabilities       (16,359)       (16,60         Net assets       1,795       3,94         Share capital       25       360       35         Share premium       2,330       2,24         Retained earnings       (869)       72         Other equity       54       (609)       (17         Total shareholders' equity       1,212       3,14         Non-controlling interests       \$11       583       80				(302)
Total liabilities         (16,359)         (16,60)         (16,60)         (16,60)         (16,60)         (16,60)         (16,60)         (16,60)         (16,60)         (16,60)         (16,60)         (17,795)         (3,94)				
Total liabilities         (16,359)         (16,60           Net assets         1,795         3,94           Share capital         25         360         35           Share premium         2,330         2,24           Retained earnings         (869)         72           Other equity         54         (609)         (17           Total shareholders' equity         1,212         3,14           Non-controlling interests         \$11         583         80	Dair dais aid dhe bonowings	24	77 AV 10 10 10 10 10 10 10 10 10 10 10 10 10	
Net assets         1,795         3,94           Share capital         25         360         35           Share premium         2,330         2,24           Retained earnings         (869)         72           Other equity         54         (609)         (17           Total shareholders' equity         1,212         3,14           Non-controlling interests         \$11         583         80	Total liabilities			(16,609)
Share capital     25     360     35       Share premium     2,330     2,24       Retained earnings     (869)     72       Other equity     \$4     (609)     (17       Total shareholders' equity     1,212     3,14       Non-controlling interests     \$11     583     80				
Share premium         2,330         2,24           Retained earnings         (869)         72           Other equity         \$4         (609)         (17           Total shareholders' equity         1,212         3,14           Non-controlling interests         \$11         583         80		ne ne		354
Retained earnings         (869)         72           Other equity         \$4         (609)         (17           Total shareholders' equity         1,212         3,14           Non-controlling interests         \$11         583         80		25		
Other equity         \$4         (609)         (17           Total shareholders' equity         1,212         3,14           Non-controlling interests         \$11         583         80				725
Total shareholders' equity         1,212         3,14           Non-controlling interests         \$11         583         80	Management of the Control of the Co		70.00	(174)
Non-controlling interests S11 <b>583</b> 80		S4		
	Total shareholders' equity and non-controlling interests	S11	1,795	803 3,948

### **Group Statement of Changes in Equity**

	Share capital £m	Share premium Ωm	Retained earnings £m	Other equity £m	Total £m	Non-controlling interests £m	Total equity £m
1 January 2018	348	2,121	1,184	(950)	2,703	729	3,432
Adjustment on adoption of IFRS 9	-	-	28	(28)	-	-	1-
Profit for the year	=		183	-	183	59	242
Other comprehensive income	_	_	-	770	770	4	771
Employee share schemes	_	_	3	27	30	_	30
Scrip dividend	6	119	_	_	125	-	125
Dividends paid to equity holders (note 11)	_	_	(673)	-	(673)	_	(673)
Other	=	=		7	7	14	21
31 December 2018	354	2,240	725	(174)	3,145	803	3,948
Loss for the year	-	-	(1,023)	_	(1,023)	(80)	(1,103)
Other comprehensive loss	-	_	-	(488)	(488)	(16)	(504)
Employee share schemes and other share transactions	-	E	(10)	53	43	ж.	43
Scrip dividend (note 11)	6	90	-	-	96	_	96
Dividends paid to equity holders (note 11)	3 <del>-</del> 1	-	(561)	n=	(561)	_	(561)
Distributions to non-controlling interests	_	-	_	-	_	(124)	(124)
31 December 2019	360	2,330	(869)	(609)	1,212	583	1,795

### **Group Income Statement**

			2019		2018 (restated) (i)				
Year ended 31 December	Notes		Exceptional items and certain re-measurements £m	Results for the year £m	Business performance £m	Exceptional items and certain re-measurements £m	Results for the year £m		
Group revenue *	4	26,825	(4,151)	22,674	27,381	(4,077)	23,304		
Cost of sales *	5	(22,973)	7,178	(15,795)	(23,128)	6,808	(16,320)		
Re-measurement and settlement of energy contracts *	7	=	(3,673)	(3,673)	-	(2,931)	(2,931)		
Gross profit/(loss)		3,852	(646)	3,206	4,253	(200)	4,053		
Operating costs before exceptional items and credit losses on financial assets	5	(2,742)	) -	(2,742)	(2,721)	-	(2,721)		
Credit losses on financial assets	5, 17	(197		(197)	(143)	_	(143)		
Exceptional items – (impairment)/write-back of retained exploration and production assets	7	_	(476)	(476)	-	90	90		
Exceptional items – impairment of power assets and provision for onerous power contracts	7	-	(381)	(381)	-	(46)	(46)		
Exceptional items – impairment of Centrica Home Solutions	7	_	(77)	(77)	_	_	_		
Exceptional items - net gain/(loss) on disposal <sup>6</sup>	7	_	35	35	-	(16)	(16)		
Exceptional items - net pension change credit/(cost)	7	-	152	152	=	(41)	(41)		
Exceptional items - restructuring costs	7	_	(356)	(356)		(170)	(170)		
Operating costs	5	(2,939)	(1,103)	(4,042)	(2,864)	(183)	(3,047)		
Share of (losses)/profits of joint ventures and associates, net of interest and taxation	6, 7	(12)	(1)	(13)	3	(22)	(19)		
Group operating profit/(loss)	4	901	(1,750)	(849)	1,392	(405)	987		
Net finance cost	7, 8	(255)	_	(255)	(273)	(139)	(412)		
Profit/(loss) before taxation		646	(1,750)	(1,104)	1,119	(544)	575		
Taxation on profit/(loss)	7, 9	(218)	219	1	(461)	128	(333)		
Profit/(loss) for the year		428	(1,531)	(1,103)	658	(416)	242		
Attributable to:									
Owners of the parent		419	(1,442)	(1,023)	631	(448)	183		
Non-controlling interests		9	(89)	(80)	27	32	59		
Earnings per ordinary share				Pence			Pence		
Basic	10			(17.8)			3.3		
Diluted	10			(17.8)			3.2		
Interim dividend paid per ordinary share	11			1.50			3.60		
Final dividend proposed per ordinary share	11			3.50			8.40		

### **Group Statement of Comprehensive Income**

Year ended 31 December	Notes	2019 £m	2018 £m
(Loss)/profit for the year		(1,103)	242
Other comprehensive (loss)/income			
Items that will be or have been reclassified to the Group Income Statement:			
Impact of cash flow hedging (net of taxation)	\$4	(4)	10
Exchange differences on translation of foreign operations		(126)	106
Exchange differences reclassified to Group Income Statement on disposal	12	(18)	_
Items that will not be reclassified to the Group Income Statement:			
Net actuarial (losses)/gains on defined benefit pension schemes (net of taxation)	S4	(387)	657
Gains/(losses) on revaluation of equity instruments measured at fair value through other comprehensive income (net of taxation)		2	(1)
Share of other comprehensive income/(loss) of joint ventures and associates, net of taxation	14, S4	29	(1)
Other comprehensive (loss)/income, net of taxation		(504)	771
Total comprehensive (loss)/income for the year		(1,607)	1,013
Attributable to:			
Owners of the parent		(1,511)	953
Non-controlling interests	S11	(96)	60

### **Group Cash Flow Statement**

Year ended 31 December	Notes	2019 £m	2018 £m
Group operating (loss)/profit including share of results of joint ventures and associates		(849)	987
Add back share of losses of joint ventures and associates, net of interest and taxation	6	13	19
Group operating (loss)/profit before share of results of joint ventures and associates		(836)	1,006
Add back/(deduct):		7 -	
Depreciation, amortisation, write-downs, impairments and write-backs		2,299	1,019
Profit on disposals		(159)	(13)
Decrease in provisions		-	(29)
Cash contributions to defined benefit schemes in excess of service cost income statement charge		(493)	(34)
Employee share scheme costs	S4	41	43
Unrealised losses arising from re-measurement of energy contracts		432	241
Exceptional charges reflected directly in operating profit		237	56
Operating cash flows before movements in working capital relating to business performance and payments relating to taxes and exceptional charges		1,521	2,289
Increase in inventories		(14)	(43)
Decrease/(increase) in trade and other receivables and contract-related assets relating to business performance		518	(834)
(Decrease)/increase in trade and other payables and contract-related liabilities relating to business performance		(385)	831
Operating cash flows before payments relating to taxes and exceptional charges			
Taxes paid		1,640	2,243
Payments relating to exceptional charges in operating costs	9	(92) (298)	(61)
Net cash flow from operating activities			(248)
We are taken as the second of		1,250	1,934
Purchase of businesses, net of cash acquired Sale of businesses		(30)	(85)
		236	20
Purchase of property, plant and equipment and intangible assets	4	(781) 8	(926)
Sale of property, plant and equipment and intangible assets			26
Investments in joint ventures and associates	.90	(1)	(3)
Dividends received from joint ventures and associates	14	1	22
Receipt of sub-lease capital payments	24	3	-
Interest received		11	15
Sale/(purchase) of securities	24	50	(76)
Net cash flow from investing activities		(503)	(1,007)
Payments for own shares	S4	-	(11)
Proceeds from sale of forfeited share capital		2	_
Distribution to non-controlling interests		(124)	-
Financing interest paid	24	(243)	(305)
Repayment of borrowings and capital element of leases	24	(241)	(1,673)
Equity dividends paid		(471)	(551)
Net cash flow from financing activities		(1,077)	(2,540)
Net decrease in cash and cash equivalents		(330)	(1,613)
Cash and cash equivalents including overdrafts at 1 January		1,128	2,737
Effect of foreign exchange rate changes		(4)	4
Cash and cash equivalents including overdrafts at 31 December	24	794	1,128
Included in the following line of the Group Balance Sheet:			
Cash and cash equivalents		1,342	1,268
Overdrafts included within current bank overdrafts, loans and other borrowings		(548)	(140)

### VERIFICATION CERTIFICATE FOR INDEFINITE TERM SURETY BOND

THIS IS TO CERTIFY that Bond No. 8233-17-69 issued by Federal Insurance Company dated this 27 day of August, 2015, in the amount of Three Hundred Fifty Thousand Dollars and 00/100 Dollars (\$350,000.00), on behalf of Direct Energy Business, LLC (as Principal), and in favor of New Hampshire Public Utilities

Commission (as Obligee), covers a term which began on the 31 day of August, 2015, and ends only with the cancellation of said bond or other legal termination thereof; and that the said bond remains in effect, subject to all its agreements, conditions and limitations.

Signed, sealed and dated\* (enter below)

Federal Insurance Company

Carlos A. Albelo

Attorney-in-Fact

8/31/2020

\*Use current or renewal date.

#### CHUES:

#### Power of Attorney

Federal Insurance Company | Vigilant Insurance Company | Pacific Indemnity Company

Westchester Fire Insurance Company | ACE American Insurance Company

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds on behalf of contractors in connection with blds, proposals or contracts to the Nebraska Department of Transportation in an unlimited amount.

It is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent is received by the Nebraska Department of Transportation at least thirty days prior to the modification or revocation.

In Witness Whereof, Said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY have each executed and attested these presents and affixed their corporate seals on this 12th day of November, 2019.

Dawn M. Chlores

Dawn M. Chloros, Assistant Socretary

Stronge







STATE OF NEW JERSEY

County of Hunterdon

SS.

On this 12th day of November, 2019, before me, a Notary Public of New Jersey, personally came Dawn M. Chloros and Stephen M. Haney, to me known to be Assistant Secretary and Vice President, respectively, of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY, the companies which executed the foregoing Power of Attorney, and the said Dawn M. Chloros and Stephen M. Haney, being by me duly sworn, severally and each for herself and himself did depose and say that they are Assistant Secretary and Vice President, respectively, of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY and know the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of said Companies; and that their signatures as such officers were duly affixed and subscribed by like authority.

Notarial Seal



KATHERINE J. ADELAAR NOTARY PUBLIC OF NEW JERSEY No. 2315585 Commission Expires July 16, 2024

#### CERTIFICATION

Resolutions adopted by the Boards of Directors of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY on August 30, 2016; WESTCHESTER FIRE INSURANCE COMPANY on December 11, 2006; and ACE AMERICAN INSURANCE COMPANY on March 20, 2009:

"RESOLVED, that the following authorizations relate to the execution, for and on behalf of the Company, of bonds, undertakings, recognizances, contracts and other written commitments of the Company entered into in the ordinary course of business (each a "Written Commitment"):

- (i) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise.
- (2) Each duly appointed attorney-in-fact of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise, to the extent that such action is authorized by the grant of powers provided for in such person's written appointment as such attorney-in-fact.
- Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to appoint in writing any person the attorney-in-fact of the Company with full power and authority to execute, for and on behalf of the Company, under the seal of the Company or etherwise, such Written Commitments of the Company as may be specified in such written appointment, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
- (4) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to delegate in writing to any other officer of the Company the authority to execute, for and on behalf of the Company, under the Company's seal or otherwise, such Written Commitments of the Company as are specified in such written delegation, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
- (5) The signature of any officer or other person executing any Written Commitment or appointment or delegation pursuant to this Resolution, and the seal of the Company, may be affixed by facsimile on such Written Commitment or written appointment or delegation.

FURTHER RESOLVED, that the foregoing Resolution shall not be deemed to be an exclusive statement of the powers and authority of officers, employees and other persons to act for and on behalf of the Company, and such Resolution shall not limit or otherwise affect the exercise of any such power or authority otherwise validly granted or vested.

I, Dawn M. Chloros, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY (the "Companies") do hereby certify that

(i) the foregoing Resolutions adopted by the Board of Directors of the Companies are true, correct and in full force and effect,

(ii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Whitehouse Station, NJ, this



Jugust 25, 2020

Dawn M. Chlores, Assistant Secretary

IN THE EVENT YOU WISH TO VERIFY THE AUTHENTICITY OF THIS DOLD ON NOTHER VAN OTHER MATTER. I LEASE CONTACT US AT:
Foliophene (268) 203-3403 Fax (208) 200-3654 e-most smear / childhood

## **Attestation and Signature**

I, John Schultz, President of, Direct Energy Business, LLC, hereby affirm that I have the authority to file this application on behalf of Direct Energy Business, LLC.

I also attest that the contents of the application are truthful, accurate and complete to the best of my knowledge

Signature:

John Schultz

President - Direct Energy Business, LLC

Date:

10/20/2020