

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3338576

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	NRG ENERGY, INC.	04/30/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	DEUTSCHE BANK TRUST COMPANY AMERICAS	
<b>Street Address:</b>	100 PLAZA ONE	
<b>Internal Address:</b>	SIXTH FLOOR, MS 0699	
<b>City:</b>	JERSEY CITY	
<b>State/Country:</b>	NEW JERSEY	
<b>Postal Code:</b>	07311-3901	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14635750
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(312)862-2200	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	3128622000	
<b>Email:</b>	rob.soneson@kirkland.com	
<b>Correspondent Name:</b>	ROB SONESON	
<b>Address Line 1:</b>	300 N LASALLE	
<b>Address Line 2:</b>	KIRKLAND & ELLIS LLP	
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60654	
<b>ATTORNEY DOCKET NUMBER:</b>	40334-63-RFS	
<b>NAME OF SUBMITTER:</b>	ROB SONESON	
<b>SIGNATURE:</b>	/rsoneson/	
<b>DATE SIGNED:</b>	05/04/2015	
<b>Total Attachments: 6</b>		
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# AFTER-ACQUIRED INTELLECTUAL PROPERTY SECURITY AGREEMENT

## (SUPPLEMENTAL FILING)

This AFTER-ACQUIRED INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of April 30, 2015 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Supplemental Intellectual Property Security Agreement"), is made by each of the signatories hereto (collectively, the "Grantors") in favor of Deutsche Bank Trust Company Americas, located at c/o Deutsche Bank National Trust Company, 100 Plaza One, Sixth Floor, MS 0699, Jersey City, NJ 07311-3901, (i) in its capacity as Priority Collateral Trustee (as defined in the Collateral Trust Agreement described below) and (ii) in its capacity as Parity Collateral Trustee (as defined in the Collateral Trust Agreement described below). Capitalized terms used but not defined herein have the meanings given such terms in the Guarantee and Collateral Agreement (as defined below).

WHEREAS, the Grantors, each other grantor party thereto, the Collateral Trustee (as defined therein) and the other parties thereto entered into a Guarantee and Collateral Agreement, dated as of February 2, 2006 (as amended by that certain Amendment to the Guarantee and Collateral Agreement, dated as of April 28, 2006, and that certain Amendment to Guarantee and Collateral Agreement, dated as of June 30, 2010, the "Original Guarantee and Collateral Agreement");

WHEREAS, the Grantors, each other grantor party thereto, Deutsche Bank Trust Company Americas, in its capacities as Priority Collateral Trustee and Parity Collateral Trustee, and the other parties party thereto have entered into the Amended and Restated Guarantee and Collateral Agreement, dated as of July 1, 2011 (as it may be further amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Guarantee and Collateral Agreement");

WHEREAS, the Grantors, Deutsche Bank Trust Company Americas, as Priority Collateral Trustee and Parity Collateral Trustee, and the other parties from time to time party thereto have entered into Second Amended and Restated Collateral Trust Agreement, dated as of July 1, 2011 (as it may be further amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Collateral Trust Agreement");

WHEREAS, pursuant to the Original Guarantee and Collateral Agreement and the Guarantee and Collateral Agreement, the Grantors have granted a security interest in certain property, including certain After-Acquired Intellectual Property, of the Grantors to the Priority Collateral Trustee for the benefit of the Priority Lien Secured Parties (as defined in the Collateral Trust Agreement) and to the Parity Collateral Trustee for the benefit of the Parity Lien Secured Parties (as defined in the Collateral Trust Agreement); and

WHEREAS, under the terms of the Guarantee and Collateral Agreement, the Grantors have agreed to execute this Supplemental Intellectual Property Security Agreement for recording with the United States Patent and Trademark Office, the United States Copyright Office, and other applicable Governmental Authorities, as applicable.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor hereby agrees as follows:

SECTION 1. Grant of Security. Each Grantor hereby (x) assigns and transfers to the Priority Collateral Trustee, and grants to the Priority Collateral Trustee, for the benefit of the Priority Lien Secured Parties, a lien on and, except as set forth in Section 4.1 or 4.2 of the Guarantee and Collateral Agreement, a first priority security interest in all of the Intellectual Property Collateral, as collateral security for the prompt and complete payment and performance when due (whether at the stated maturity, by acceleration or otherwise) of the Priority Lien Obligations (as defined in the Collateral Trust Agreement), and (y) assigns and transfers to the Parity Collateral Trustee, and grants to the Parity Collateral Trustee, for the benefit of the Parity Lien Secured Parties, a lien on and, except as set forth in Section 4.1 or 4.2 of the Guarantee and Collateral Agreement, a second priority security interest in all of the Intellectual Property Collateral, as collateral security for the prompt and complete payment and performance when due (whether at the stated maturity, by acceleration or otherwise) of the Parity Lien Obligations (as defined in the Collateral Trust Agreement) (it being understood and agreed that the grants of security interest under the foregoing clause (x) and clause (y) constitute two separate and distinct grants of security and Liens, one in favor of the Priority Collateral Trustee in its capacity as collateral trustee for the benefit of the Priority Lien Secured Parties to secure the Priority Lien Obligations, and the second in favor of the Parity Collateral Trustee in its capacity as collateral trustee for the benefit of the Parity Lien Secured Parties to secure the Parity Lien Obligations), in each case including the following:

1. the United States trademark and service mark registrations and applications listed in Schedule 1, if any, and the goodwill of the business connected with the use of and symbolized by any of the foregoing;
2. the United States patents and patent applications listed in Schedule 1, if any;
3. the United States copyright registrations and applications listed in Schedule 1, if any;
4. the right to sue or otherwise recover for any past, present and future infringement, dilution or other violation of any of the foregoing or for any injury to the related goodwill; and
5. any and all proceeds of the foregoing, including license fees, royalties, income, payments, claims, damages and proceeds of suit now or hereafter due and/or payable with respect thereto.

provided, however, that notwithstanding any of the other provisions set forth in this Section 1, this Supplemental Intellectual Property Security Agreement shall not, at any time, constitute a grant of a security interest in any property that is an Excluded Asset (other than any Proceeds of such Excluded Assets unless such Proceeds would otherwise independently constitute Excluded Assets); and provided, further, that if and when any property shall cease to be an Excluded Asset, the right, title, power and interest of each applicable Grantor in and to such property shall be

deemed at all times from and after the date thereof to constitute Intellectual Property Collateral. The Grantors, the Priority Collateral Trustee and the Parity Collateral Trustee hereby acknowledge and agree that the security interest created hereby in the Intellectual Property Collateral is not, in and of itself, to be construed as a grant of a fee interest in (as opposed to a security interest in) any Intellectual Property, including any Copyright, Trademark, Patent, Copyright License, Patent License, Trademark License, Trade Secret or Trade Secret License.

SECTION 2. Recordation. Each Grantor authorizes and requests that the Register of Copyrights, the Commissioner of Patents and Trademarks and any other applicable government officer record this Supplemental Intellectual Property Security Agreement, as applicable.

SECTION 3. Execution in Counterparts. This Supplemental Intellectual Property Security Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original but all of which when taken together shall constitute a single contract.

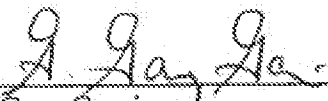
SECTION 4. Governing Law. This Supplemental Intellectual Property Security Agreement shall be construed in accordance with and governed by the laws of the State of New York.

SECTION 5. Conflict Provision. This Supplemental Intellectual Property Security Agreement has been entered into in conjunction with the Guarantee and Collateral Agreement. Each of the Grantors hereby acknowledges and affirms that the rights and remedies of the Collateral Agent with respect to the security interests in the Intellectual Property Collateral granted herein are more fully set forth in the Guarantee and Collateral Agreement, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Supplemental Intellectual Property Security Agreement are deemed to conflict with the Guarantee and Collateral Agreement, the provisions of the Guarantee and Collateral Agreement shall control.

*[Remainder of page intentionally left blank]*

IN WITNESS WHEREOF, each of the undersigned has caused this Supplemental Intellectual Property Security Agreement to be duly executed and delivered by its authorized officer as of the date first above written.


NRG ENERGY, INC.

By:   
Name: Gary Garcia  
Title: Senior Vice President & Treasurer

Accepted and Agreed:

DEUTSCHE BANK TRUST COMPANY AMERICAS,  
as Priority Collateral Trustee and Parity Collateral Trustee

By: Deutsche Bank National Trust Company

By: 

Name: **Irina Golovashchuk**  
Title: **Vice President**

By: 

Name: **Jeffrey Schoenfeld**  
Title: **Vice President**

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Schedule 1 to  
the After-Acquired Intellectual Property Security Agreement

TRADEMARK AND SERVICE MARK REGISTRATIONS AND APPLICATIONS

**NRG ENERGY, INC.**

**Patents:**

Title of Invention	Country	Grantor	Appl. No. Filing Date	Reg. No. Reg. Date
Mobile power charging pack kiosk	US	NRG Energy, Inc.	Application # 14/635,750 Filed Mar. 2, 2015	Pending

**GREEN MOUNTAIN ENERGY COMPANY**

**Trademarks:**

Mark	Country	Grantor	Appl. No. Filing Date	Reg. No. Reg. Date
SOLARSPARC	US	Green Mountain Energy Company	Application # 86075574 Filed Sept. 26, 2013	Registration # 4689499 Registered Feb. 17, 2015