UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

QUANTA SERVICES, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction	74-2851603 (I.R.S. Employer
of incorporation or organization)	Identification Numb
	2800 Post Oak Boulevard, Suite 2600
	Houston, Texas 77056
	(713) 629-7600
(Address including zin co	de, telephone number, including area code, of principal executive offices)

Quanta Services, Inc. 2007 Stock Incentive Plan (Full title of the plan)

Tana L. Pool
Vice President and General Counsel
Quanta Services, Inc.
2800 Post Oak Boulevard, Suite 2600
Houston, Texas 77056
(713) 629-7600

(Name, address and telephone number, including area code, of agent for service)

Copies to:

Christine B. LaFollette Shar Ahmed Akin Gump Strauss Hauer & Feld LLP 1111 Louisiana Street, 44th Floor Houston, Texas 77002 (713) 220-5800

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Accelerated filer □

Non-accelerated filer \square (Do not check if a smaller reporting company)

Smaller reporting company □

CALCULATION OF REGISTRATION FEE

		Proposed Maximum	Proposed Maximum	
	Amount to be	Offering Price Per	Aggregate Offering	Amount of
Title of Securities to be Registered	Registered (1)	Share (2)	Price (2)	Registration Fee
Common Stock, par value \$0.00001 per share	178,815	\$19.59	\$3,502,985.85	\$406.70

- (1) Pursuant to Rule 416 of the Securities Act of 1933, as amended, this Registration Statement shall also cover any additional shares of Common Stock that become issuable by reason of any stock dividend, stock split, recapitalization or other similar transaction effected without the receipt of consideration that results in an increase in the number of the Registrant's outstanding shares of Common Stock.
- (2) Estimated solely for the purpose of calculating the registration fee and computed pursuant to Rule 457(c) and 457(h) under the Securities Act of 1933, as amended. The above calculation is based on the average of the high and low prices of the Registrant's Common Stock on the New York Stock Exchange on May 12, 2011.

EXPLANATORY NOTE

This Registration Statement on Form S-8 is being filed for the purpose of registering an additional 178,815 shares of common stock, par value \$0.00001 per share, of Quanta Services, Inc., or the Company, that may be issued pursuant to awards granted under the Quanta Services, Inc. 2007 Stock Incentive Plan, or the 2007 Plan. The additional 178,815 shares of common stock that are the subject of this Registration Statement relate to additional shares of common stock that have become available pursuant to the terms of the 2007 Plan

In accordance with Instruction E to the General Instructions to Form S-8, the contents of the Registration Statement on Form S-8 (File No. 333-143923) relating to the 2007 Plan that the Company filed with the Securities and Exchange Commission, or the Commission, on June 20, 2007 are hereby incorporated by reference.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

The following documents filed with the Commission are incorporated herein by reference, other than information furnished pursuant to Item 2.02 or Item 7.01 of any Current Report on Form 8-K or exhibits filed under Item 9.01 relating to those Items, unless expressly stated otherwise therein:

- (a) the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2010 (File No. 001-13831), filed with the Commission on March 1, 2011;
- (b) the Company's Quarterly Report on Form 10-Q for the guarter ended March 31, 2011 (File No. 001-13831), filed with the Commission on May 6, 2011;
- (c) the Company's Current Reports on Form 8-K filed with the Commission since December 31, 2010:
 - (1) Current Report on Form 8-K (File No. 001-13831), filed with the Commission on March 7, 2011;
 - (2) Current Report on Form 8-K (File No. 001-13831), filed with the Commission on March 25, 2011; and
- (d) the Company's Form 8-A12B (File No. 001-13831), filed with the Commission on January 28, 1998, as amended by the Form 8-A12B/A (Amendment No. 1) (File No. 001-13831), filed with the Commission on February 5, 1998, and as amended by the Form 8-A12B/A (Amendment No. 2) (File No. 001-13831), filed with the Commission on February 6, 1998.

In addition, all documents subsequently filed by the Company pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Securities Exchange Act of 1934, as amended, or the Exchange Act, excluding any information furnished pursuant to any Current Report on Form 8-K, prior to the filing of a post-effective amendment to this Registration Statement which indicates that all securities offered hereby have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference in this Registration Statement and to be a part hereof from the date of filing of such documents.

Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein or in any subsequently filed document that also is or is deemed to be incorporated by reference herein, as the case may be, modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

Item 5. Interests of Named Experts and Counsel.

The validity of the securities has been passed upon by Carolyn M. Campbell, the Company's Deputy General Counsel. As of May 12, 2011, Ms. Campbell owned 4,759 shares of the Company's common stock (including restricted stock).

Item 8. Exhibits.

See Index to Exhibits, attached hereto, which Index to Exhibits is hereby incorporated into this Item 8.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, Quanta Services, Inc. certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the city of Houston, State of Texas on May 18, 2011.

QUANTA SERVICES, INC.

By: /s/ John R. Colson

John R. Colson

Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints John R. Colson and James H. Haddox, each of whom may act without joinder of the other, as his or her true and lawful attorneys-in-fact and agents, each with full power of substitution and resubstitution, for such person and in his or her name, place and stead, in any and all capacities, to sign any and all amendments to this Registration Statement on Form S-8, and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or their substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the listed capacities on May 18, 2011:

Name

/s/ John R. Colson John R. Colson	Chief Executive Officer, Director (Principal Executive Officer)
/s/ James H. Haddox James H. Haddox	Chief Financial Officer (Principal Financial Officer)
/s/ Derrick A. Jensen Derrick A. Jensen	Senior Vice President — Finance and Administration and Chief Accounting Officer (Principal Accounting Officer)
/s/ James R. Ball James R. Ball	Director
/s/ J. Michal Conaway J. Michal Conaway	Director
/s/ Ralph R. Disibio Ralph R. Disibio	Director
/s/ Vincent D. Foster Vincent D. Foster	Director

Name	Title
/s/ Bernard Fried	Director
Bernard Fried	
/s/ Louis C. Golm	Director
Louis C. Golm	
/s/ Worthing F. Jackman	Director
Worthing F. Jackman	
/s/ Bruce Ranck Bruce Ranck	Director
/s/ John R. Wilson John R. Wilson	Director
/s/ Pat Wood, III Pat Wood, III	Director
14. 11004, 111	

INDEX TO EXHIBITS

Exhibit Number	Description of Exhibits			
4.5	Quanta Services, Inc. 2007 Stock Incentive Plan (previously filed as Exhibit 99.1 to the Company's Form 8-K (File No. 001-13831) filed May 29, 2007 and incorporated herein by reference)			
5.1*	Opinion of Carolyn M. Campbell regarding legality of securities being registered			
23.1*	Consent of Carolyn M. Campbell (included in Exhibit 5.1 filed herewith)			
23.2*	Consent of PricewaterhouseCoopers LLP			
24.1*	Powers of Attorney (included on signature page)			

Filed herewith.

[Quanta Letterhead] May 18, 2011

Quanta Services, Inc. 2800 Post Oak Boulevard, Suite 2600 Houston, Texas 77056

Re: Quanta Services, Inc.

Registration Statement on Form S-8

Ladies and Gentlemen:

I am the Deputy General Counsel of Quanta Services, Inc., a Delaware corporation (the "Company"), and have acted in such capacity in connection with the Registration Statement on Form S-8 of the Company (the "Registration Statement"), being filed on the date hereof with the Securities and Exchange Commission under the Securities Act of 1933, as amended (the "Act"), relating to the proposed issuance of up to 178,815 shares (the 'Shares') of the Company's common stock, par value \$0.00001 per share ("Common Stock"), authorized for issuance pursuant to the Quanta Services, Inc. 2007 Stock Incentive Plan (the 'Plan'). This opinion is being furnished by me in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Act and solely in my capacity as an employee of the Company and not in my individual capacity.

I have examined originals or certified copies of such corporate records of the Company and other certificates and documents of officials of the Company, public officials and others as I have deemed appropriate for purposes of this letter, all of which I assume to be true, correct and complete. I have assumed the genuineness of all signatures, the legal capacity of all natural persons, the authenticity of all documents submitted to me as originals, and the conformity to authentic original documents of all copies submitted to me as conformed, certified or reproduced copies. I have also assumed that (i) valid book-entry notations for the issuance of the Shares in uncertificated form will have been duly made in the share register of the Company, (ii) each award agreement setting forth the terms of each award granted pursuant to the Plan is consistent with the Plan and has been duly authorized and validly executed and delivered by the parties thereto, (iii) at the time of each issuance of Shares, there will be sufficient shares of Common Stock authorized for issuance under the Company's restated certificate of incorporation that have not otherwise been issued or reserved or committed for issuance, and (iv) the price per share paid for Shares issued pursuant to the Plan is not less than the par value of the Shares.

Based upon the foregoing, and subject to the assumptions, exceptions, qualifications and limitations stated herein, I am of the opinion that when the Shares have been issued and delivered upon payment therefor in accordance with the terms of the Plan and applicable award agreement, the Shares will be duly authorized, validly issued, fully paid and non-assessable.

The opinions and other matters in this letter are qualified in their entirety and subject to the following:

Quanta Services, Inc. May 18, 2011 Page 2

- A. I express no opinion as to the laws of any jurisdiction other than the General Corporation Law of the State of Delaware. As used herein, the term "General Corporation Law of the State of Delaware" includes the statutory provisions contained therein and all applicable provisions of the Delaware Constitution and reported judicial decisions interpreting these laws.
- B. This opinion letter is limited to the matters expressly stated herein and no opinion is to be inferred or implied beyond the opinion expressly set forth herein. I undertake no, and hereby disclaim any, obligation to make any inquiry after the date hereof or to advise you of any changes in any matter set forth herein, whether based on a change in the law, a change in any fact relating to the Company or any other person or any other circumstance.

I hereby consent to the filing of this opinion as an exhibit to the Registration Statement. In giving this consent, I do not thereby admit that I am within the category of persons whose consent is required under Section 7 of the Act and the rules and regulations thereunder.

Very truly yours,

/s/ Carolyn M. Campbell
Carolyn M. Campbell
Deputy General Counsel

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in this Registration Statement on Form S-8 of our report dated March 1, 2011 relating to the financial statements and the effectiveness of internal control over financial reporting, which appears in Quanta Services, Inc.'s Annual Report on Form 10-K for the year ended December 31, 2010.

/s/ PricewaterhouseCoopers LLP

Houston, Texas May 18, 2011