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SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

SCHEDULE 13D/A  
Under the Securities Exchange Act of 1934  
(Amendment No. 23)

Quanta Services, Inc.

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(Name of Issuer)

Common Stock, \$0.00001 par value

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(Title of Class of Securities)

74762E102

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(CUSIP Number)

Leslie J. Parrette, Jr., Senior Vice President, General Counsel and

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Corporate Secretary

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UtiliCorp United Inc.

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20 West Ninth Street, Kansas City, Missouri 64105 (816) 421-6600

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(Name, Address and Telephone Number of Person  
Authorized to Receive Notices and Communications)

March 12, 2002  
(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), 13d-1(f), or 13d-1(g), check the following box. / /

NOTE: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Section 240.13d-7(b) for other parties to whom copies are to be sent.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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AMENDMENT NO. 23 TO  
STATEMENT ON SCHEDULE 13D

INTRODUCTION

All information herein with respect to UtiliCorp United Inc., a Delaware corporation ("Utilicorp"), and the common stock, par value \$0.00001 per share (the "Common Stock"), of Quanta Services, Inc., a Delaware corporation ("Issuer" or "Quanta"), is correct to the best knowledge and belief of UtiliCorp. The Schedule 13D originally filed on October 4, 1999 on behalf of UtiliCorp and twenty-two amendments thereto filed on October 8, 1999, October 14, 1999, October 20, 1999, October 26, 1999, November 9, 1999, January 13, 2000, April 27, 2000, May 25, 2000, June 20, 2000, July 17, 2000, May 23, 2001, October 1, 2001, October 4, 2001, October 11, 2001, October 19, 2001, October 30, 2001, November 13, 2001, November 28, 2001, February 8, 2002, February 25, 2002 and March 7, 2002 respectively, on behalf of UtiliCorp are incorporated by reference and amended as follows.

ITEM 4. PURPOSE OF TRANSACTION.

On March 12, 2002, UtiliCorp delivered a letter to the stockholders of Quanta, a copy of which is attached hereto as an exhibit.

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ITEM 7. MATERIAL TO BE FILED AS EXHIBITS.

Letter to stockholders of Quanta from UtiliCorp dated March 12, 2002.

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SIGNATURE

After reasonable inquiry and to the best of the undersigned's knowledge and belief, the undersigned hereby certifies that the information set forth in this statement is true, complete and correct.

Dated: March 12, 2002

UtiliCorp United Inc.

By: /s/ Leslie J. Parrette, Jr.  
Name: Leslie J. Parrette, Jr.  
Title: Senior Vice President,  
General Counsel and Corporate  
Secretary

March 12, 2002

Dear Fellow Quanta Stockholder:

For those of you who do not know us, UtiliCorp United Inc. is a leading multinational energy solutions provider based in Kansas City. We are an 85-year old company with a proven track record of maximizing stockholder value. We are also the largest stockholder of Quanta Services, Inc. with a 38.6% interest in Quanta. Please take time to learn more about us and our business philosophies and strategies by visiting our website at [WWW.UTILICORP.COM](http://WWW.UTILICORP.COM).

As you may know, we have notified Quanta of our intention to propose an alternative slate of directors for election at Quanta's next annual meeting. We believe, given Quanta's disappointing financial performance, that the interests of all stockholders would be better served if our nominees are elected. All of our nominees are experienced business people with a wide range of knowledge and expertise, and three are independent of us and will qualify to serve on Quanta's Audit Committee under applicable New York Stock Exchange standards. Our nominees are fully committed to protecting the interests of all Quanta stockholders by pursuing initiatives that will enhance the value of Quanta's shares.

In the near future, we will be sharing information with you about our nominees and our definitive plans for increasing stockholder value. Along those lines, we are currently working with our financial advisor, Salomon Smith Barney, to evaluate a full range of options, including actively seeking investors that will advance Quanta's strategy, implementing a stock repurchase program or putting Quanta up for sale. We encourage you to contact our investor relations department at the number set forth below to share your views or suggestions on how to increase the value of your investment in Quanta.

Recently, Quanta's management has turned up the level of rhetoric, charging us with malicious intentions such as "trying to steal" the company. These accusations are completely unfounded and are simply designed to divert your attention from management's disappointing performance. You can rest assured that we will not engage in similar mudslinging or hyperbole. Instead, our focus will be economic, and we will use our time and resources to develop and present a sound program that will deliver value to all stockholders.

In a few weeks, we will be sending you proxy materials that will describe the backgrounds of our nominees and the details of our program for enhancing stockholder value. We will also seek your support of our nominees. Please carefully review and consider this information. If you have any questions or comments, please call our investor relations department at 816-527-1409 or Morrow & Co., Inc., our proxy solicitor, at 1-800-607-0088.

Please note that on March 15, 2002, we intend to change our name to Aquila, Inc. As a result, future communications from us will be under the Aquila name.

We look forward to working with you.

Very truly yours,

Robert K. Green  
President and Chief Executive Officer  
of UtiliCorp  
Director of Quanta