BlackRock Utility & Infrastructure Trust Form N-Q March 26, 2013

#### **UNITED STATES**

#### SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

### FORM N-Q

### QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED

#### MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-22606

Name of Fund: BlackRock Utility and Infrastructure Trust (BUI)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock Utility and Infrastructure Trust, 55 East 52<sup>nd</sup>

Street, New York, NY 10055

Registrant s telephone number, including area code: (800) 882-0052, Option 4

Date of fiscal year end: 10/31/2013

Date of reporting period: 01/31/2013

Item 1 Schedule of Investments

Schedule of Investments January 31, 2013 (Unaudited)

## BlackRock Utility and Infrastructure Trust (BUI)

(Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Australia 2.5%		
Sydney Airport	594,100	\$ 1,967,710
Transurban Group	1,055,100	6,715,234
		8,682,944
Brazil 13.5%		
CCR SA	1,143,000	11,795,340
Cia de Saneamento Basico do Estado de Sao Paulo	141,900	6,391,860
Cia de Saneamento de Minas Gerais - COPASA	331,100	8,057,401
Cia Energetica de Minas Gerais - ADR	371,500	4,079,070
EDP - Energias do Brasil SA	657,900	4,027,319
Santos Brasil Participacoes SA	110,200	1,770,859
Tractebel Energia SA	603,300	10,721,765
		46,843,614
Canada 5.5%		
BCE, Inc. (a)	113,100	5,023,902
Pembina Pipeline Corp. (a)	83,700	2,428,592
Rogers Communications, Inc., Class B (a)	68,200	3,169,310
Shaw Communications, Inc., Class B (a)	145,200	3,397,802
TransCanada Corp. (a)	104,400	4,941,572
		18,961,178
France 1.6%	27, 200	2 241 057
Aeroports de Paris	27,200	2,241,957
Vinci SA	65,200	3,318,896
		5,560,853
Germany 0.7% E.ON SE	40,200	699,003
Fraport AG Frankfurt Airport Services Worldwide	30,000	1,818,327
		2,517,330
Hong Kong 3.8%	4.242.000	
China Merchants Holdings International Co. Ltd.	1,243,000	4,405,713
Guangdong Investments Ltd. Power Assets Holdings Ltd.	4,500,000 590,900	3,735,680 5,119,977
		13,261,370
Italy 5.00		
Italy 5.0% Atlantia SpA	373,570	6,898,124
Enel Green Power SpA	790,000	1,628,939
Enel SpA	604,300	2,634,835
Gemina SpA (b)	1,665,530	2,868,817
Snam SpA	670,300	3,389,316

		17,420,031
Norway 1.6% Telenor ASA	243,900	5,373,242
Spain 1.3%		
Abertis Infraestructuras SA	255,900	4,381,313
Common Stocks	Shares	Value
United Kingdom 6.0%		
BT Group Plc	1,949,900	\$ 7,691,816
National Grid Plc Severn Trent Plc	944,600 24,500	10,342,984 630,175
Vodafone Group Plc - ADR	84,400	2,305,808
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		20,970,783
United States 55.7%		
Access Midstream Partners LP (a)	87,576	3,194,772
American Electric Power Co., Inc. (a) American Tower Corp REIT (a)	58,000 150,200	2,626,820
American Vater Works Co., Inc.	176,900	11,437,730 6,771,732
Aqua America, Inc.	299,200	8,147,216
AT&T Inc. (a)	170,500	5,931,695
CenturyLink, Inc. (a)	158,700	6,419,415
CMS Energy Corp.	268,800	6,908,160
Consolidated Edison, Inc. (a)	75,300	4,283,064
Crown Castle International Corp. (a)(b) DCP Midstream Partners LP	23,000 29,708	1,621,960 1,340,128
Delek Logistics Partners LP (b)	39,400	1,020,066
Dominion Resources, Inc.	89,700	4,853,667
Duke Energy Corp. (a)	70,368	4,837,096
Edison International	144,900	6,982,731
Enbridge Energy Partners LP (a)	29,584	886,928
Energy Transfer Partners LP Entergy Corp. (a)	28,496 39,600	1,339,027 2,558,160
Enterprise Products Partners LP	30,077	1,704,464
Exelon Corp. (a)	69,300	2,178,792
FirstEnergy Corp.	106,400	4,308,136
Frontier Communications Corp. (a)	793,400	3,625,838
Genesis Energy LP	38,569	1,553,945
Hi-Crush Partners LP (a) ITC Holdings Corp.	83,661 47,800	1,414,708 3,871,800
Kinder Morgan Energy Partners LP (a)	6,942	617,144
MarkWest Energy Partners LP (a)	59,371	3,278,467
NextEra Energy, Inc. (a)	120,400	8,674,820
Northeast Utilities	72,300	2,944,779
NorthWestern Corp. NRG Energy, Inc. (a)	160,100	5,922,099
NV Energy, Inc.	179,100 195,400	4,298,400 3,698,922
ONEOK Partners LP	13,345	795,362
Pepco Holdings, Inc.	231,900	4,526,688
PG&E Corp.	110,400	4,707,456
Pinnacle West Capital Corp.	70,800	3,779,304
Plains All American Pipeline LP PPL Corp. (a)	64,292 73,000	3,388,188 2,211,170
Public Service Enterprise Group, Inc.	160,201	4,995,067
SBA Communications Corp, Class A (a)(b)	23,500	1,637,010
Seadrill Partners LLC	39,600	1,146,420
Sempra Energy	75,000	5,628,750
The Southern Co.	80,500	3,560,515

#### Portfolio Abbreviations

To simplify the listings of portfolio holdings in the Schedule of Investments, the names and descriptions of many securities have been abbreviated according to the following list:

ADR	American Depositary Receipt	GBP	British Pound
AUD	Australian Dollar	HKD	Hong Kong Dollar
BRL	Brazil Real	NOK	Norwegian Krone
CAD	Canadian Dollar	REIT	Real Estate Investment Trust

EUR Euro USD US Dollar

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### Schedule of Investments (continued)

### BlackRock Utility and Infrastructure Trust (BUI)

(Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
United States (concluded) Verizon Communications, Inc. (a) Westar Energy, Inc. Western Gas Partners LP Williams Partners LP Wisconsin Energy Corp. Xcel Energy, Inc. Xylem, Inc. (a)	233,400 89,200 24,314 27,890 113,600 134,000 151,600	\$ 10,178,574 2,682,244 1,278,187 1,415,139 4,479,248 3,722,520 4,234,188
Total Long-Term Investments (Cost \$302,994,658) 97.2%		337,591,369
Short-Term Securities		
BlackRock Liquidity Funds, TempFund, Institutional Class, 0.10% (c)(d)	14,812,194	14,812,194
Total Short-Term Securities (Cost \$14,812,194) 4.3%		14,812,194
Total Investments Before Options Written (Cost \$317,806,852*) 101.5%		352,403,563
Options Written		Value
(Premiums Received \$2,219,484) (0.9)%		\$ (3,023,977)
Total Investments Net of Options Written 100.6% Liabilities in Excess of Other Assets (0.6)%		349,379,586 (2,014,700)
Net Assets 100.0%		\$ 347,364,886

#### Notes to Schedule of Investments

Tax cost \$319,503,832

<sup>\*</sup> As of January 31, 2013, gross unrealized appreciation and gross unrealized depreciation based on cost for federal income tax purposes were as follows:

Gross unrealized appreciation \$ 37,182,652 Gross unrealized depreciation (4,282,921)

Net unrealized appreciation \$ 32,899,731

- (a) All or a portion of security has been pledged/segregated as collateral in connection with outstanding options written.
- (b) Non-income producing security.
- (c) Represents the current yield as of report date.
  (d) Investments in issuers considered to be an affiliate of the Trust during the period ended January 31, 2013, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

			Shares		
			Held at		
	Shares Held at	Net	January 31,		
Affiliate BlackRock Liquidity Funds, TempFund,	October 31, 2012	Activity	2013	Income	Realized Gain
Institutional Class	7,229,592	7,582,602	14,812,194	\$ 3,116	\$ 214

Foreign currency exchange contracts as of January 31, 2013 were as follows:

Currency	Currency		Settlement	Unrealized		
Purchased	Sold	Counterparty		Appreciation (Depreciation)		
USD 1,060,405	EUR 786,004	Deutsche Bank Securities Corp.	2/01/13	\$	(6,825)	
EUR 363,000	USD 492,083	BNP Paribas SA	2/04/13		806	
EUR 416,000	USD 563,541	Citigroup Global Markets, Inc.	2/04/13		1,312	
HKD 116,000	USD 14,955	Barclays Capital, Inc.	2/04/13		3	
Total				\$	(4.704)	

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### Schedule of Investments (continued)

### BlackRock Utility and Infrastructure Trust (BUI)

Exchange-Traded options written as of January 31, 2013 were as follows:

		Stı	rike			
	Put/			Expiration		Market
Description	Call	Pr	rice	Date	Contracts	Value
BCE, Inc.	Call	USD	42.50	2/04/13	80	\$ (15,360)
Consolidated Edison, Inc.	Call	USD	56.90	2/16/13	249	(11,210)
Access Midstream Partners LP	Call	USD	35	2/18/13	100	(14,500)
American Electric Power Co., Inc.	Call	USD	44	2/18/13	210	(27,300)
American Tower Corp REIT	Call	USD	77.50	2/18/13	500	(20,000)
Duke Energy Corp.	Call	USD	67.50	2/18/13	250	(35,000)
Enbridge Energy Partners LP	Call	USD	30	2/18/13	100	(1,750)
MarkWest Energy Partners LP	Call	USD	52.50	2/18/13	50	(13,750)
NRG Energy, Inc.	Call	USD	24	2/18/13	50	(2,375)
Shaw Communications, Inc., Class B	Call	CAD	23	2/18/13	480	(25,025)
SBA Communications Corp, Class A	Call	USD	73	3/04/13	5	(136)
Crown Castle International Corp.	Call	USD	74	3/08/13	75	(2,284)
American Tower Corp REIT	Call	USD	80	3/18/13	75	(3,563)
AT&T Inc.	Call	USD	35	3/18/13	292	(17,520)
CenturyLink, Inc.	Call	USD	41	3/18/13	300	(11,250)
Entergy Corp.	Call	USD	65	3/18/13	70	(5,250)
Frontier Communications Corp.	Call	USD	4.50	3/18/13	1,400	(24,500)
Kinder Morgan Energy Partners LP	Call	USD	90	3/18/13	23	(2,380)
MarkWest Energy Partners LP	Call	USD	55	3/18/13	115	(10,925)
NRG Energy, Inc.	Call	USD	24	3/18/13	232	(19,720)
Pembina Pipeline Corp.	Call	CAD	29.50	3/18/13	300	(5,113)
Rogers Communications, Inc., Class B	Call	CAD	47	3/18/13	240	(17,686)
TransCanada Corp.	Call	CAD	48.50	3/18/13	344	(16,038)
Verizon Communications, Inc.	Call	USD	43	3/18/13	700	(87,150)
Verizon Communications, Inc.	Call	USD	45	3/18/13	77	(2,233)
NextEra Energy, Inc.	Call	USD	71.95	3/25/13	200	(26,273)
AT&T Inc.	Call	USD	35	4/22/13	125	(9,375)
Exelon Corp.	Call	USD	31	4/22/13	120	(12,600)
Hi-Crush Partners LP	Call	USD	20	4/22/13	17	(935)
PPL Corp.	Call	USD	29	4/22/13	150	(20,625)
Verizon Communications, Inc.	Call	USD	45	4/22/13	75	(3,825)
Xylem, Inc.	Call	USD	30	4/22/13	50	(3,500)
Total						\$ (469,151)

Over-the-counter options written as of January 31, 2013 were as follows:

			Strike	:			
Description	Counterparty	Put/ Call	Price		Expiration Date	Contracts	Market Value
AT&T Inc.	Morgan Stanley & Co., Inc.	Call	USD 3	4.08	2/04/13	13,500	\$ (9,585)
Edison International	Goldman Sachs & Co.	Call	USD 4	4.75	2/04/13	9,000	(30,960)
NextEra Energy, Inc.	Morgan Stanley & Co., Inc.	Call	USD 6	8.26	2/04/13	19,500	(73,905)
Xcel Energy, Inc.	JPMorgan Chase Securities	Call	USD 2	7.39	2/05/13	45,000	(19,051)
NorthWestern Corp.	Morgan Stanley & Co., Inc.	Call	USD 3	5.15	2/06/13	26,800	(49,312)

CCR SA	UBS Securities LLC	Call	BRL	18.71	2/07/13	95,000	(87,866)
Cia de Saneamento de Minas Gerais -							
COPASA	UBS Securities LLC	Call	BRL	44.83	2/07/13	37,900	(69,511)
Santos Brasil Participacoes SA	UBS Securities LLC	Call	BRL	30.90	2/07/13	12,100	(8,126)
Sempra Energy	Morgan Stanley & Co., Inc.	Call	USD	72.66	2/07/13	24,500	(58,555)
Tractebel Energia SA	UBS Securities LLC	Call	BRL	34.41	2/07/13	62,500	(35,875)
Genesis Energy LP	Citigroup Global Markets, Inc.	Call	USD	36.44	2/08/13	11,000	(42,361)
Public Service Enterprise Group, Inc.	Credit Suisse First Boston	Call	USD	30.61	2/08/13	47,000	(26,644)

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## Schedule of Investments (continued)

### BlackRock Utility and Infrastructure Trust (BUI)

Over-the-counter options written as of January 31, 2013 were as follows: (continued)

			Strike			
Description	Counterparty	Put/ Call	Price	Expiration Date	Contracts	Market Value
AT&T Inc.	Morgan Stanley & Co., Inc.	Call	USD 34.08	2/11/13	13,500	\$ (10,962)
Vodafone Group Plc - ADR	Morgan Stanley & Co., Inc.	Call	USD 26.24	2/11/13	14,000	(15,120)
Abertis Infraestructuras SA	Morgan Stanley & Co., Inc.	Call	EUR 12.68	2/12/13	85,000	(21,186)
Aeroports de Paris	Morgan Stanley & Co. Inc.	Call	EUR 63.06	2/12/13	9,000	(2,763)
Fraport AG Frankfurt Airport Services						
Worldwide	Deutsche Bank Securities Corp.	Call	EUR 44.92	2/12/13	9,900	(5,506)
Cia de Saneamento de Minas Gerais -						
COPASA	Credit Suisse First Boston	Call	BRL 43.81	2/13/13	35,700	(84,064)
EDP - Energias do Brasil SA	Credit Suisse First Boston	Call	BRL 12.76	2/13/13	87,100	(3,535)
Santos Brasil Participacoes SA	UBS Securities LLC	Call	BRL 30.90	2/21/13	12,100	(10,628)
Dominion Resources, Inc.	Credit Suisse First Boston	Call	USD 54.21	2/22/13	15,000	(7,787)
Xylem, Inc.	Credit Suisse First Boston	Call	USD 27.76	2/22/13	40,000	(27,130)
Aqua America, Inc.	JPMorgan Chase Securities	Call	USD 26.22	2/25/13	31,000	(48,783)
BCE, Inc.	Citigroup Global Markets, Inc.	Call	USD 43.07	2/25/13	19,500	(26,403)
BCE, Inc.	Deutsche Bank Securities Corp.	Call	USD 44.25	2/25/13	10,000	(4,636)
CenturyLink, Inc.	Citigroup Global Markets, Inc.	Call	USD 39.94	2/25/13	28,800	(23,972)
DCP Midstream Partners LP	JPMorgan Chase Securities	Call	USD 43.77	2/25/13	10,000	(13,715)
Delek Logistics Partners LP	JPMorgan Chase Securities	Call	USD 24.11	2/25/13	13,500	(23,990)
ITC Holdings Corp.	Goldman Sachs & Co.	Call	USD 79	2/25/13	16,000	(44,263)
MarkWest Energy Partners LP	Deutsche Bank Securities Corp.	Call	USD 53.15	2/25/13	3,000	(6,434)
Public Service Enterprise Group, Inc.	Deutsche Bank Securities Corp.	Call	USD 30.11	2/25/13	6,000	(6,432)
Sempra Energy	Goldman Sachs & Co.	Call	USD 72.18	2/25/13	3,000	(8,610)
Wisconsin Energy Corp.	JPMorgan Chase Securities	Call	USD 37.50	2/25/13	39,700	(76,621)
Santos Brasil Participacoes SA	UBS Securities LLC	Call	BRL 30.90	2/27/13	12,100	(11,474)
Frontier Communications Corp.	Credit Suisse First Boston	Call	USD 4.51	2/28/13	141,000	(17,393)
Pepco Holdings, Inc.	JPMorgan Chase Securities	Call	USD 19.25	2/28/13	76,600	(30,609)
American Water Works Co., Inc.	Morgan Stanley & Co., Inc.	Call	USD 38.82	3/01/13	19,600	(6,665)
Northeast Utilities	Morgan Stanley & Co., Inc.	Call	USD 39.39	3/01/13	6,000	(8,516)
Aqua America, Inc.	JPMorgan Chase Securities	Call	USD 26.48	3/04/13	31,000	(43,490)
China Merchants Holdings International Co.						
Ltd.	JPMorgan Chase Securities	Call	HKD 26.54	3/04/13	206,000	(37,990)
Edison International	Credit Suisse First Boston	Call	USD 46.97	3/04/13	21,000	(29,317)
Guangdong Investments Ltd.	JPMorgan Chase Securities	Call	HKD 6.25	3/04/13	1,484,000	(48,395)
NV Energy, Inc.	JPMorgan Chase Securities	Call	USD 19.03			