BlackRock Utility & Infrastructure Trust Form N-Q November 22, 2017

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 52nd Street, New York, NY 10055

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

Date of fiscal year end: 12/31/2017

Date of reporting period: 09/30/2017

Item 1 Schedule of Investments

Schedule of Investments September 30, 2017 (Unaudited)

BlackRock Utility and Infrastructure Trust (BUI)

(Percentages shown are based on Net Assets)

| Common Stocks | Shares | | Value |
|--|----------------------|----|------------------------|
| Construction & Engineering 3.6% | 226 106 | ď | 5 202 210 |
| Ferrovial SA (a) | 236,106 | \$ | 5,202,319 |
| Vinci SA (a) | 80,050 | | 7,605,799 |
| Electric Utilities 32.5% | | | 12,808,118 |
| American Electric Power Co., Inc. (a) | 96,220 | | 6,758,493 |
| Duke Energy Corp. (a) | 133,268 | | 11,183,851 |
| Edison International (a) | 108,740 | | 8,391,466 |
| El Paso Electric Co. (a) | 36,680 | | 2,026,570 |
| Enel SpA (a) | 2,947,617 | | 17,757,360 |
| Eversource Energy (a) | 80,420 | | 4,860,585 |
| Exelon Corp. (a)(b) | 304,560 | | 11,472,775 |
| FirstEnergy Corp. (a) | 202,980 | | 6,257,873 |
| Iberdrola SA (a) | 201,610 | | 1,567,644 |
| NextEra Energy, Inc. (a)(b) | 222,950 | | 32,673,322 |
| Pinnacle West Capital Corp. (a) | 46,720 | | 3,950,643 |
| PPL Corp. (a) Xcel Energy, Inc. (a) | 114,710 91,150 | | 4,353,245 |
| Acei Energy, nic. (a) | 91,130 | | 4,313,218 |
| Gas Utilities 2.3% | | | 115,567,045 |
| Italgas SpA (a) | 679,900 | | 3,816,977 |
| New Jersey Resources Corp. (a) | 56,660 | | 2,388,219 |
| Spire, Inc. (a) | 27,240 | | 2,033,466 |
| opile, me. (u) | 27,210 | | 2,033,100 |
| Ladorendorf Demonstra Demonstra Electricita Denderson 2.70 | | | 8,238,662 |
| Independent Power and Renewable Electricity Producers 3.7% China Longwan Power Group Corp. Ltd. Close H (a) | 7 228 000 | | 5 411 450 |
| China Longyuan Power Group Corp. Ltd., Class H (a) EDP Renovaveis SA (a) | 7,228,000 257,264 | | 5,411,459 2,190,238 |
| NRG Yield, Inc., Class C (a) | 172,160 | | 3,322,688 |
| Pattern Energy Group, Inc. (a) | 102,880 | | 2,479,408 |
| (-) | , | | _,,,,,,,, |
| Multi-Utilities 21.1% | | | 13,403,793 |
| CMS Energy Corp. (a) | 127,700 | | 5,915,064 |
| Dominion Energy, Inc. (a) | 213,810 | | 16,448,403 |
| DTE Energy Co. (a) | 46,620 | | 5,005,123 |
| National Grid PLC (a) | 1,160,424 | | 14,372,483 |
| NiSource, Inc. (a) | 133,100 | | 3,406,029 |
| NorthWestern Corp. (a) | 45,522 | | 2,592,023 |
| Public Service Enterprise Group, Inc. (a) | 239,616 | | 11,082,240 |
| Sempra Energy (a) | 83,300 | | 9,507,029 |
| Veolia Environnement SA (a) | 101,190 | | 2,338,296 |
| WEC Energy Group, Inc. (a) | 70,180 | | 4,405,901 |
| O'll Car & Community Fresh 12.20 | | | 75,072,591 |
| Oil, Gas & Consumable Fuels 13.3% | 75 740 | | 2 200 002 |
| Antero Midstream Partners LP (a) Dominion Midstream Partners LP (a) | 75,740 232,411 | | 2,388,082 |
| Enbridge, Inc. (a) | 93,240 | | 7,437,152 3,901,161 |
| Common Stocks | Shares | | Value |
| Oil, Gas & Consumable Fuels (continued) | Simi Co | | |
| Energy Transfer Partners LP (a) | 276,869 | \$ | 5,063,934 |
| Enterprise Products Partners LP (a) | 171,714 | | 4,476,584 |
| EQT Midstream Partners LP (a) | 27,730 | | 2,078,918 |
| Genesis Energy LP (a) | 111,299 | | 2,932,729 |
| MPLX LP (a) | 104,589 | | 3,661,661 |
| | | | |

| ONEOK, Inc. (a) | | | |
|---|------------|---|---|
| ONEOK, nic. (a) | 69,851 | | 3,870,444 |
| Plains All American Pipeline LP (a) | 195,890 | | 4,150,909 |
| Shell Midstream Partners LP (a) | 192,551 | | 5,360,620 |
| Targa Resources Corp. (a) | 44,430 | | 2,101,539 |
| | | | |
| | | | 47,423,733 |
| Transportation Infrastructure 16.8% | | | |
| Abertis Infraestructuras SA (a) | 399,000 | | 8,066,569 |
| Aeroports de Paris (a) | 24,070 | | 3,891,037 |
| Atlantia SpA (a) | 523,924 | | 16,554,775 |
| Flughafen Zuerich AG (a) | 14,110 | | 3,193,299 |
| Fraport AG Frankfurt Airport Services Worldwide (a) | 28,930 | | 2,749,702 |
| Groupe Eurotunnel SE, Registered Shares (a) | 356,050 | | 4,292,320 |
| Japan Airport Terminal Co. Ltd. (a) | 63,100 | | 2,248,235 |
| Sydney Airport (a)(c) | 1,482,826 | | 8,280,883 |
| Transurban Group (a)(c) | 1,112,890 | | 10,392,495 |
| • **** | | | |
| | | | 59,669,315 |
| Water Utilities 1.6% | | | , , |
| American Water Works Co., Inc. (a) | 70,220 | | 5,681,500 |
| Total Long-Term Investments | , | | -,,- |
| | | | |
| (Cost \$260,199,663) 94.9% | | | 337,864,757 |
| (Cost \(\psi_{\pi(00\)}\) \(\frac{177}{10}\) | | • | 337,004,737 |
| | | | |
| | | | |
| | | | |
| Short-Term Securities | 45 455 040 | | 15 155 010 |
| BlackRock Liquidity Funds, T-Fund, Institutional Class, 0.91% (d)(e) | 15,177,910 | | 15,177,910 |
| | 15,177,910 | | 15,177,910 |
| BlackRock Liquidity Funds, T-Fund, Institutional Class, 0.91% (d)(e) Total Short-Term Securities | 15,177,910 | | |
| BlackRock Liquidity Funds, T-Fund, Institutional Class, 0.91% (d)(e) Total Short-Term Securities (Cost \$15,177,910) 4.3% | 15,177,910 | | 15,177,910 15,177,910 |
| BlackRock Liquidity Funds, T-Fund, Institutional Class, 0.91% (d)(e) Total Short-Term Securities | 15,177,910 | | |
| BlackRock Liquidity Funds, T-Fund, Institutional Class, 0.91% (d)(e) Total Short-Term Securities (Cost \$15,177,910) 4.3% | 15,177,910 | | |
| BlackRock Liquidity Funds, T-Fund, Institutional Class, 0.91% (d)(e) Total Short-Term Securities (Cost \$15,177,910) 4.3% | 15,177,910 | 3 | |
| BlackRock Liquidity Funds, T-Fund, Institutional Class, 0.91% (d)(e) Total Short-Term Securities (Cost \$15,177,910) 4.3% Total Investments Before Options Written | 15,177,910 | 3 | 15,177,910 |
| BlackRock Liquidity Funds, T-Fund, Institutional Class, 0.91% (d)(e) Total Short-Term Securities (Cost \$15,177,910) 4.3% Total Investments Before Options Written (Cost \$275,377,573) 99.2% | 15,177,910 | 3 | 15,177,910 |
| BlackRock Liquidity Funds, T-Fund, Institutional Class, 0.91% (d)(e) Total Short-Term Securities (Cost \$15,177,910) 4.3% Total Investments Before Options Written (Cost \$275,377,573) 99.2% | 15,177,910 | 3 | 15,177,910 |
| BlackRock Liquidity Funds, T-Fund, Institutional Class, 0.91% (d)(e) Total Short-Term Securities (Cost \$15,177,910) 4.3% Total Investments Before Options Written (Cost \$275,377,573) 99.2% Options Written | 15,177,910 | 3 | 15,177,910 353,042,667 |
| BlackRock Liquidity Funds, T-Fund, Institutional Class, 0.91% (d)(e) Total Short-Term Securities (Cost \$15,177,910) 4.3% Total Investments Before Options Written (Cost \$275,377,573) 99.2% Options Written (Premiums Received \$2,078,893) (0.4)% | 15,177,910 | 3 | 15,177,910 353,042,667 |
| BlackRock Liquidity Funds, T-Fund, Institutional Class, 0.91% (d)(e) Total Short-Term Securities (Cost \$15,177,910) 4.3% Total Investments Before Options Written (Cost \$275,377,573) 99.2% Options Written (Premiums Received \$2,078,893) (0.4)% Total Investments, Net of Options Written | 15,177,910 | | 15,177,910 353,042,667 (1,374,236) |
| BlackRock Liquidity Funds, T-Fund, Institutional Class, 0.91% (d)(e) Total Short-Term Securities (Cost \$15,177,910) 4.3% Total Investments Before Options Written (Cost \$275,377,573) 99.2% Options Written (Premiums Received \$2,078,893) (0.4)% | 15,177,910 | | 15,177,910 353,042,667 (1,374,236) 351,668,431 |
| BlackRock Liquidity Funds, T-Fund, Institutional Class, 0.91% (d)(e) Total Short-Term Securities (Cost \$15,177,910) 4.3% Total Investments Before Options Written (Cost \$275,377,573) 99.2% Options Written (Premiums Received \$2,078,893) (0.4)% Total Investments, Net of Options Written (Cost \$273,298,680) 98.8% | 15,177,910 | | 15,177,910 353,042,667 (1,374,236) |
| BlackRock Liquidity Funds, T-Fund, Institutional Class, 0.91% (d)(e) Total Short-Term Securities (Cost \$15,177,910) 4.3% Total Investments Before Options Written (Cost \$275,377,573) 99.2% Options Written (Premiums Received \$2,078,893) (0.4)% Total Investments, Net of Options Written (Cost \$273,298,680) 98.8% | 15,177,910 | 3 | 15,177,910 353,042,667 (1,374,236) 351,668,431 |

BLACKROCK UTILITY AND INFRASTRUCTURE TRUST

BlackRock Utility and Infrastructure Trust (BUI)

Notes to Schedule of Investments

- (a) All or a portion of security has been pledged and/or segregated as collateral in connection with outstanding exchange-traded options written.
- (b) All or a portion of the security has been pledged as collateral in connection with outstanding OTC derivatives.
- (c) A security contractually bound to one or more other securities to form a single salable unit which cannot be sold separately.
- (d) Annualized 7-day yield as of period end.
- (e) During the period ended September 30, 2017, investments in issuers considered to be affiliates of the Trust for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

| | Shares Held | | Shares Held | Value at September 30, | | Net | | nge in alized |
|--|-------------------------|-----------------|--------------------------|---------------------------|---------------------------------|---------------------------|----------|---------------------|
| Affiliate | at December 31, 2016 | Net Activity | at September 30, 2017 | 2017 | Income | Realized Gain (Loss) (| | ciation ciation) |
| BlackRock Liquidity Funds, T-Fund, Institutional Class SL Liquidity Series, LLC, Money | 4,151,064 | 11,026,846 | 15,177,910 | \$ 15,177,910 | \$ 22,781 | | | |
| Market Series | 456,105 | (456,105) | | \$ 15,177,910 | 4,125 ¹ \$ 26,906 | | \$ \$ | (45) (45) |

For Trust compliance purposes, the Trust s industry classifications refer to one or more of the industry sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment adviser. These definitions may not apply for purposes of this report, which may combine such industry sub-classifications for reporting ease.

Derivative Financial Instruments Outstanding as of Period End

Exchange-Traded Options Written

| Description | | Expiration | Exer | cise | Amo | | |
|---------------------------------|------------------------|------------|-------|-------|-------|-------|-------------|
| | Number of Contracts | Date | Price | | (000) | | Value |
| Call | | | | | | | |
| NiSource, Inc. | 97 | 10/03/17 | USD | 26.85 | USD | 248 | |
| Enterprise Products Partners LP | 444 | 10/13/17 | USD | 26.20 | USD | 1,158 | \$ (12,409) |
| Spire, Inc. | 95 | 10/17/17 | USD | 76.50 | USD | 709 | (2,867) |

Represents securities lending income earned from the reinvestment of cash collateral from loaned securities, net of fees and collateral investment expenses, and other payments to and from borrowers of securities.

| DTE Energy Co. | 63 | 10/20/17 | USD | 110.30 | USD | 676 | (1,858) |
|---------------------------|-----|----------|-----|--------|-----|-------|----------|
| Dominion Energy, Inc. | 748 | 10/20/17 | USD | 80.25 | USD | 5,754 | (4,413) |
| Duke Energy Corp. | 308 | 10/20/17 | USD | 87.50 | USD | 2,585 | (3,080) |
| EQT Midstream Partners LP | 97 | 10/20/17 | USD | 75.00 | USD | 727 | (9,700) |
| Enbridge, Inc. | 176 | 10/20/17 | USD | 42.50 | USD | 736 | (3,960) |
| Eversource Energy | 124 | 10/20/17 | USD | 63.25 | USD | 749 | (693) |
| Exelon Corp. | 420 | 10/20/17 | USD | 38.00 | USD | 1,582 | (15,750) |
| FirstEnergy Corp. | 180 | 10/20/17 | USD | 33.00 | USD | 555 | (900) |
| FirstEnergy Corp. | 90 | 10/20/17 | USD | 32.00 | USD | 277 | (900) |
| Genesis Energy LP | 389 | 10/20/17 | USD | 27.50 | USD | 1,025 | (6,808) |
| MPLX LP | 126 | 10/20/17 | USD | 35.00 | USD | 441 | (7,560) |
| MPLX LP | 240 | 10/20/17 | USD | 36.00 | USD | 840 | (5,400) |
| NextEra Energy, Inc. | 278 | 10/20/17 | USD | 150.00 | USD | 4,074 | (14,595) |
| NiSource, Inc. | 100 | 10/20/17 | USD | 27.00 | USD | 256 | (500) |
| Northwestern Corp. | 160 | 10/20/17 | USD | 60.00 | USD | 911 | (80,000) |
| ONEOK, Inc. | 120 | 10/20/17 | USD | 55.00 | USD | 665 | (14,100) |
| PPL Corp. | 168 | 10/20/17 | USD | 39.00 | USD | 638 | (1,680) |

BLACKROCK UTILITY AND INFRASTRUCTURE TRUST

BlackRock Utility and Infrastructure Trust (BUI)

Exchange-Traded Options Written (continued)

| Description | Number of Contracts | Expiration Date | | rcise ice | Notional Amount (000) | | Value |
|---------------------------------------|------------------------|--------------------|-----|--------------|-----------------------------|-------|--------------|
| Call | | | | | | | |
| Pinnacle West Capital Corp. | 163 | 10/20/17 | USD | 90.00 | USD | 1,378 | \$ (1,630) |
| Sempra Energy | 83 | 10/20/17 | USD | 120.00 | USD | 947 | (830) |
| Shell Midstream Partners LP | 261 | 10/20/17 | USD | 29.00 | USD | 727 | (3,915) |
| Targa Resources Corp. | 78 | 10/20/17 | USD | 45.00 | USD | 369 | (20,670) |
| Targa Resources Corp. | 77 | 10/20/17 | USD | 49.00 | USD | 364 | (3,273) |
| Public Service Enterprise Group, Inc. | 94 | 10/26/17 | USD | 46.20 | USD | 435 | (8,388) |
| NiSource, Inc. | 268 | 10/27/17 | USD | 26.50 | USD | 686 | (2,226) |
| ONEOK, Inc. | 124 | 10/27/17 | USD | 58.00 | USD | 687 | (2,480) |
| Duke Energy Corp. | 158 | 10/31/17 | USD | 86.25 | USD | 1,326 | (4,474) |
| Exelon Corp. | 75 | 10/31/17 | USD | 37.50 | USD | 283 | (5,355) |
| FirstEnergy Corp. | 90 | 10/31/17 | USD | 32.01 | USD | 277 | (2,068) |
| Pattern Energy Group, Inc. | 70 | 11/01/17 | USD | 25.51 | USD | 169 | (1,136) |
| Exelon Corp. | 216 | 11/06/17 | USD | 38.01 | USD | 814 | (11,995) |
| FirstEnergy Corp. | 350 | 11/13/17 | USD | 32.55 | USD | 1,079 | (5,119) |
| Edison International | 190 | 11/17/17 | USD | 80.00 | USD | 1,466 | (10,925) |
| Enbridge, Inc. | 150 | 11/17/17 | USD | 42.50 | USD | 628 | (9,375) |
| Exelon Corp. | 354 | 11/17/17 | USD | 38.00 | USD | 1,334 | (24,780) |
| Pattern Energy Group, Inc. | 221 | 11/17/17 | USD | 25.00 | USD | 533 | (8,840) |
| Plains All American Pipeline LP | 230 | 11/17/17 | USD | 22.00 | USD | 487 | (10,925) |
| Total | | | | | | | \$ (325,577) |

OTC Options Written

| • | | Number of | Expiration | Notional on Exercise Amount | | | | |
|------------------------------|--|-----------|------------|-----------------------------|----------|-----|--------|-----------|
| Description | Counterparty | Contracts | Date | | Price | | 000) | Value |
| Call | o danie par ty | Contracts | 2 | _ | | (| .00) | , m. |
| Eversource Energy | Credit Suisse International | 15,700 | 10/03/17 | USD | 63.41 | USD | 949 | \$ |
| Sempra Energy | Credit Suisse International | 20,800 | 10/03/17 | USD | 116.84 | USD | 2,374 | (392) |
| Enel SpA | Credit Suisse International | 85,200 | 10/04/17 | EUR | 5.06 | EUR | 435 | (6,798) |
| Transurban Group | Deutsche Bank AG | 100,000 | 10/04/17 | AUD | 12.19 | AUD | 1,191 | (1,505) |
| Energy Transfer Partners LP | Goldman Sachs International | 51,400 | 10/05/17 | USD | 20.64 | USD | 940 | (1) |
| Antero Midstream Partners | | | | | | | | |
| LP | Barclays Bank PLC | 13,300 | 10/06/17 | USD | 32.40 | USD | 419 | (692) |
| Dominion Midstream | | | | | | | | |
| Partners LP | Citibank N.A. | 29,400 | 10/10/17 | USD | 28.01 | USD | 941 | (117,582) |
| Aeroports de Paris | UBS AG | 8,400 | 10/11/17 | EUR | 144.92 | EUR | 1,149 | (289) |
| Enel SpA | UBS AG | 200,000 | 10/11/17 | EUR | 5.03 | EUR | 1,020 | (24,346) |
| DTE Energy Co. | Deutsche Bank AG | 10,000 | 10/16/17 | USD | 112.11 | USD | 1,074 | (530) |
| Public Service Enterprise | | | | | | | | |
| Group, Inc. | Barclays Bank PLC | 26,000 | 10/16/17 | USD | 46.20 | USD | 1,203 | (18,471) |
| Atlantia SpA | Morgan Stanley & Co. International PLC | 56,800 | 10/18/17 | EUR | 26.97 | EUR | 1,518 | (16,899) |
| El Paso Electric Co. | Citibank N.A. | 12,800 | 10/18/17 | USD | 55.67 | USD | 707 | (6,036) |
| Iberdrola SA | Credit Suisse International | 36,000 | 10/18/17 | EUR | 6.88 | EUR | 237 | (752) |
| Italgas SpA | Goldman Sachs International | 90,000 | 10/18/17 | EUR | 4.81 | EUR | 428 | (5,456) |
| Japan Airport Terminal Co. | | | | | | | | |
| Ltd. | Morgan Stanley & Co. International PLC | 12,700 | 10/18/17 | JPY | 3,936.27 | JPY | 50,917 | (13,795) |
| WEC Energy Group, Inc. | Royal Bank of Canada | 13,900 | 10/18/17 | USD | 66.41 | USD | 873 | (345) |
| Italgas SpA | Goldman Sachs International | 148,000 | 10/19/17 | EUR | 4.72 | EUR | 703 | (16,096) |
| New Jersey Resources Corp. | UBS AG | 10,000 | 10/23/17 | USD | 43.50 | USD | 422 | (1,855) |
| American Electric Power | | | | | | | | |
| Co., Inc. | Citibank N.A. | 33,600 | 10/24/17 | USD | 72.86 | USD | 2,360 | (4,935) |
| Enterprise Products Partners | | | | | | | | |
| LP | Citibank N.A. | 15,600 | 10/24/17 | USD | 26.32 | USD | 407 | (5,322) |

BLACKROCK UTILITY AND INFRASTRUCTURE TRUST

SEPTEMBER 30, 2017

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BlackRock Utility and Infrastructure Trust (BUI)

OTC Options Written (continued)

| OTC Options Written (continued | d) | | | | | | | |
|----------------------------------|--|------------------------|----------------------|-----|------------------|-----|-------------------------|--------------------|
| Description Call | Counterparty | Number of Contracts | Expiration Date | | xercise Price | An | tional nount 100) | Value |
| NRG Yield, Inc., Class C | Credit Suisse International | 33,600 | 10/24/17 | USD | 18.20 | USD | 648 | \$ (40,337) |
| Atlantia SpA | UBS AG | 78,500 | 10/24/17 | EUR | 27.18 | EUR | 2,098 | (23,201) |
| Ferrovial SA | UBS AG | 15,000 | 10/25/17 | EUR | 19.44 | EUR | 2,098 | (561) |
| Groupe Eurotunnel SE, | OBS AG | 13,000 | 10/23/17 | EUK | 19.44 | EUK | 200 | (301) |
| Registered Shares | UBS AG | 53,300 | 10/25/17 | EUR | 10.25 | EUR | 544 | (10,808) |
| Vinci SA | Goldman Sachs International | 1,800 | 10/25/17 | EUR | 80.44 | EUR | 145 | (2,873) |
| Vinci SA | Goldman Sachs International | 6,100 | 10/25/17 | EUR | 80.44 | EUR | 490 | (8,126) |
| Antero Midstream Partners LP | Barclays Bank PLC | 13,300 | 10/25/17 | USD | 32.40 | USD | 419 | (3,809) |
| NextEra Energy, Inc. | Morgan Stanley & Co. International PLC | 25,300 | 10/26/17 | USD | 150.90 | USD | 3,708 | (13,165) |
| American Water Works Co., Inc. | Morgan Stanley & Co. International PLC | | 10/20/17 | USD | 82.92 | USD | 995 | |
| Energy Transfer Partners LP | Bank of America N.A. | 12,300 28,300 | 10/27/17 | USD | 82.92 19.16 | USD | 518 | (5,886) (3,853) |
| 22 | Bank of America N.A. Bank of America N.A. | | | USD | 19.10 | USD | 964 | |
| Plains All American Pipeline LP | | 45,500 97,000 | 10/27/17 | GBP | 9.73 | GBP | 896 896 | (65,237) |
| National Grid PLC | Credit Suisse International | | 10/31/17 11/01/17 | JPY | 3,851.58 | JPY | | (1,801) |
| Japan Airport Terminal Co. Ltd. | Goldman Sachs International | 9,300 | 11/01/17 | GBP | | GBP | 37,286 | (16,476) |
| National Grid PLC | Goldman Sachs International | 135,500 6,900 | 11/01/17 | USD | 9.55 26.96 | USD | 1,252 166 | (11,007) |
| Pattern Energy Group, Inc. | Bank of America N.A. | 0,900 | 11/01/17 | USD | 20.90 | USD | 100 | (162) |
| Public Service Enterprise Group, | Danalassa Danala DI C | 49.400 | 11/01/17 | HCD | 46.71 | HCD | 2 220 | (29.241) |
| Inc. | Barclays Bank PLC | 48,400 | 11/01/17 | USD | 46.71 | USD | 2,239 | (38,241) |
| Energy Transfer Partners LP | Bank of America N.A. | 17,200 | 11/02/17 | USD | 19.18 | USD | 315 | (4,020) |
| NRG Yield, Inc., Class C | Royal Bank of Canada | 26,600 | 11/02/17 | USD | 19.23 | USD | 513 | (15,459) |
| Transurban Group | Deutsche Bank AG | 145,200 | 11/02/17 | AUD | 12.26 | AUD | 1,729 | (13,066) |
| Xcel Energy, Inc. | Bank of America N.A. | 32,000 | 11/02/17 | USD | 49.48 | USD | 1,514 | (3,065) |
| Enel SpA | Goldman Sachs International | 308,800 | 11/03/17 | EUR | 5.21 | EUR | 1,575 | (22,894) |
| National Grid PLC | Credit Suisse International | 76,600 | 11/03/17 | GBP | 9.68 | GBP | 708 | (3,181) |
| CMS Energy Corp. | Morgan Stanley & Co. International PLC | 36,400 | 11/07/17 | USD | 48.85 | USD | 1,686 | (964) |
| Enel SpA | Goldman Sachs International | 85,100 | 11/07/17 | EUR | 5.15 | EUR | 434 | (9,455) |
| Enel SpA | UBS AG | 120,500 | 11/07/17 | EUR | 5.11 | EUR | 615 | (15,065) |
| NextEra Energy, Inc. | Bank of America N.A. | 24,900 | 11/07/17 | USD | 149.90 | USD | 3,649 | (40,482) |
| WEC Energy Group, Inc. | Goldman Sachs International | 10,600 | 11/07/17 | USD | 64.72 | USD | 665 | (5,222) |
| China Longyuan Power Group | | | | | | | | |
| Corp. Ltd., Class H | JPMorgan Chase Bank N.A. | 1,265,000 | 11/08/17 | HKD | 6.02 | HKD | 7,400 | (12,745) |
| Iberdrola SA | Deutsche Bank AG | 34,500 | 11/08/17 | EUR | 6.75 | EUR | 227 | (3,147) |
| Sydney Airport | JPMorgan Chase Bank N.A. | 230,900 | 11/08/17 | AUD | 7.23 | AUD | 1,644 | (22,526) |
| Veolia Environnement SA | Deutsche Bank AG | 25,700 | 11/08/17 | EUR | 19.53 | EUR | 502 | (14,648) |
| China Longyuan Power Group | | | | | | | | |
| Corp. Ltd., Class H | Morgan Stanley & Co. International PLC | 1,265,000 | 11/09/17 | HKD | 5.98 | HKD | 7,400 | (15,439) |
| Dominion Midstream Partners LP | UBS AG | 22,400 | 11/09/17 | USD | 28.65 | USD | 717 | (74,018) |
| Enel SpA | UBS AG | 232,000 | 11/09/17 | EUR | 5.21 | EUR | 1,183 | (21,421) |
| Sydney Airport | Deutsche Bank AG | 288,000 | 11/09/17 | AUD | 7.62 | AUD | 2,051 | (5,546) |
| Veolia Environnement SA | Credit Suisse International | 9,800 | 11/09/17 | EUR | 20.08 | EUR | 192 | (3,050) |
| Vinci SA | Goldman Sachs International | 20,100 | 11/09/17 | EUR | 82.12 | EUR | 1,616 | (25,641) |
| New Jersey Resources Corp. | Deutsche Bank AG | 9,800 | 11/14/17 | USD | 42.02 | USD | 413 | (14,162) |
| Abertis Infraestructuras SA | UBS AG | 69,800 | 11/16/17 | EUR | 17.49 | EUR | 1,194 | (8,947) |
| Atlantia SpA | UBS AG | 48,000 | 11/16/17 | EUR | 27.02 | EUR | 1,283 | (26,776) |
| Ferrovial SA | UBS AG | 43,300 | 11/16/17 | EUR | 18.72 | EUR | 807 | (12,844) |
| Flughafen Zürich AG | UBS AG | 5,000 | 11/16/17 | CHF | 221.83 | CHF | 1,096 | (21,472) |
| Fraport AG Frankfurt Airport | | | | | | | | |
| Services Worldwide | UBS AG | 10,200 | 11/16/17 | EUR | 82.44 | EUR | 820 | (21,077) |
| | | | | | | | | |

BLACKROCK UTILITY AND INFRASTRUCTURE TRUST

BlackRock Utility and Infrastructure Trust (BUI)

OTC Options Written (continued)

| Description | Counterparty | Number of Contracts | Expiration Date | | rcise ice | Am | ional ount 00) | | Value |
|-----------------------------|--|------------------------|--------------------|-----|--------------|-----|----------------------|------|--------------|
| Call National Grid PLC | Citibank N.A. | 97,000 | 11/16/17 | GBP | 9.70 | GBP | 896 | \$ | (6,465) |
| Transurban Group | Deutsche Bank AG | 144,400 | 11/16/17 | AUD | 12.19 | AUD | 1.720 | φ | (21,239) |
| PPL Corp. | Morgan Stanley & Co. International PLC | 23,300 | 11/21/17 | USD | 39.15 | USD | 884 | | (8,374) |
| CMS Energy Corp. | Bank of America N.A. | 36,300 | 11/27/17 | USD | 47.02 | USD | 1,681 | | (22,067) |
| American Water Works Co., | | , | | | | | -, | | (==, = = ,) |
| Inc. | Barclays Bank, PLC | 12,200 | 11/28/17 | USD | 81.46 | USD | 987 | | (15,251) |
| Groupe Eurotunnel SE, | • | | | | | | | | |
| Registered Shares | UBS AG | 71,300 | 11/28/17 | EUR | 10.32 | EUR | 727 | | (18,711) |
| Abertis Infraestructuras SA | Morgan Stanley & Co. International | 69,800 | 11/30/17 | EUR | 17.43 | EUR | 1,194 | | (8,456) |
| Ferrovial SA | UBS AG | 24,400 | 12/05/17 | EUR | 18.71 | EUR | 455 | | (9,075) |
| Dominion Midstream Partners | | | | | | | | | |
| LP | Bank of America N.A. | 29,500 | 12/07/17 | USD | 34.25 | USD | 944 | | (15,049) |
| Total | | | | | | | | \$ (| 1,048,659) |

BLACKROCK UTILITY AND INFRASTRUCTURE TRUST

BlackRock Utility and Infrastructure Trust (BUI)

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a fair value hierarchy consisting of three broad levels for financial reporting purposes as follows:

Level 1 Unadjusted price quotations in active markets/exchanges for identical assets or liabilities that the Trust has the ability to access

Level 2 Other observable inputs (including, but not limited to, quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market corroborated inputs)

Level 3 Unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the Trust s own assumptions used in determining the fair value of investments and derivative financial instruments)

The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the fair value hierarchy classification is determined based on the lowest level input that is significant to the fair value measurement in its entirety. Investments classified within Level 3 have significant unobservable inputs used by the BlackRock Global Valuation Methodologies Committee (the Global Valuation Committee) in determining the price for Fair Valued Investments. Level 3 investments include equity or debt issued by privately held companies or funds. There may not be a secondary market, and/or there are a limited number of investors. Level 3 investments may also be adjusted to reflect illiquidity and/or non-transferability, with the amount of such discount estimated by the Global Valuation Committee in the absence of market information.

Changes in valuation techniques may result in transfers into or out of an assigned level within the hierarchy. In accordance with the Trust spolicy, transfers between different levels of the fair value hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investments and derivative financial instruments and is not necessarily an indication of the risks associated with investing in those securities. For information about the Trust spolicy regarding valuation of investments and derivative financial instruments, refer to the Trust s most recent financial statements as contained in its annual report.

The following tables summarize the Trust s investments and derivative financial instruments categorized in the disclosure hierarchy:

| | Level 1 | Level 2 | Level 3 | Total |
|---|----------------|----------------|---------|----------------|
| Assets: | | | | |
| Investments: | | | | |
| Common Stocks: | | | | |
| Construction & Engineering | | \$ 12,808,118 | | \$ 12,808,118 |
| Electric Utilities | \$ 96,242,041 | 19,325,004 | | 115,567,045 |
| Gas Utilities | 8,238,662 | | | 8,238,662 |
| Independent Power and Renewable Electricity Producers | 5,802,096 | 7,601,697 | | 13,403,793 |
| Multi-Utilities | 58,361,812 | 16,710,779 | | 75,072,591 |
| Oil, Gas & Consumable Fuels | 47,423,733 | | | 47,423,733 |
| Transportation Infrastructure | 4,292,320 | 55,376,995 | | 59,669,315 |
| Water Utilities | 5,681,500 | | | 5,681,500 |
| Short-Term Securities | 15,177,910 | | | 15,177,910 |
| Total | \$ 241,220,074 | \$ 111,822,593 | | \$ 353,042,667 |

BLACKROCK UTILITY AND INFRASTRUCTURE TRUST

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BlackRock Utility and Infrastructure Trust (BUI)

| | Level 1 | Level 2 | Level 3 | Total |
|---|--------------|----------------|---------|----------------|
| Derivative Financial Instruments ¹ | | | | |
| Liabilities: | | | | |
| Equity contracts | \$ (262,575) | \$ (1,111,661) | | \$ (1,374,236) |

¹ Derivative financial instruments are options written, which are shown at value. During the period ended September 30, 2017, there were no transfers between levels.

BLACKROCK UTILITY AND INFRASTRUCTURE TRUST

Item 2 Controls and Procedures

- 2(a) The registrant s principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant s disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the 1940 Act)) are effective as of a date within 90 days of the filing of this report based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rule 13a-15(b) under the Securities Exchange Act of 1934, as amended.
- There were no changes in the registrant s internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act) that occurred during the registrant s last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant s internal control over financial reporting.

Item 3 Exhibits

Certifications Attached hereto

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

BlackRock Utility and Infrastructure Trust

By: /s/ John M. Perlowski

John M. Perlowski

Chief Executive Officer (principal executive officer) of

BlackRock Utility and Infrastructure Trust

Date: November 20, 2017

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By: /s/ John M. Perlowski

John M. Perlowski

Chief Executive Officer (principal executive officer) of

BlackRock Utility and Infrastructure Trust

Date: November 20, 2017

By: /s/ Neal J. Andrews

Neal J. Andrews

Chief Financial Officer (principal financial officer) of

BlackRock Utility and Infrastructure Trust

Date: November 20, 2017