

Eaton Corp plc  
Form 11-K  
June 21, 2013  
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# SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

## FORM 11-K

### Annual Report Pursuant to Section 15(d) of the Securities Exchange Act of 1934

**Annual report pursuant to Section 15(d) of the Securities Exchange Act of 1934**  
For the fiscal year ended December 31, 2012

Or

**Transition report pursuant to Section 15(d) of the Securities Exchange Act of 1934**  
For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission file number 000-54863

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:  
**Eaton Puerto Rico Retirement Savings Plan**

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

**Eaton Corporation plc**

**70 Sir John Rogerson 's Quay**

**Dublin 2, Ireland**

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**SIGNATURES**

The Plan. Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

EATON PUERTO RICO  
RETIREMENT SAVINGS PLAN

Date: June 21, 2013

By: Eaton Pension

Administration Committee

By: /s/ B. K. Rawot  
B. K. Rawot  
Senior Vice President and Controller  
Eaton Corporation

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WITH  
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REGISTERED PUBLIC ACCOUNTING FIRM  
December 31, 2012

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**Report of Independent Registered Public Accounting Firm**

The Pension Administration Committee and the

Pension Investment Committee Eaton

We have audited the accompanying Statement of Net Assets Available for Benefits of The EATON PUERTO RICO RETIREMENT SAVINGS PLAN as of December 31, 2012 and 2011, and the related Statement of Changes in Net Assets Available for Benefits for the years then ended. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Plan is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control over financial reporting. Accordingly, we express no such opinion. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2012 and 2011, and the changes in net assets available for benefits for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

Our audit was performed for the purpose of forming an opinion on the basic financial statements taken as a whole. The accompanying supplemental schedule of Assets Held for Investment Purposes at Year End, together referred to as supplemental information as of December 31, 2012, is presented for the purpose of additional analysis and is not a required part of the basic financial statements, but is supplemental information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental schedule is the responsibility of the Plan's management. The supplemental schedule has been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

/s/ Meaden & Moore, Ltd.

Certified Public Accountants

June 21, 2013

Cleveland, Ohio

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## STATEMENT OF NET ASSETS AVAILABLE FOR BENEFITS

## Eaton Puerto Rico Retirement Savings Plan

	December 31	
	2012	2011
<b>ASSETS</b>		
Receivable Employer contributions	\$ 23,802	\$ 20,298
Receivable Employee contributions	60,373	51,555
Total Receivables	84,175	71,853
Investments:		
Vanguard Retirement Savings Trust II	22,354,891	20,657,715
Eaton Common Shares Fund	6,604,185	5,112,319
Vanguard Institutional Index	3,056,202	2,431,081
Vanguard Balanced Index Fund	1,294,412	984,218
Vanguard Developed Markets Index	674,757	520,044
Total Investments	33,984,447	29,705,377
Net Assets Available for Benefits at Fair Value	34,068,622	29,777,230
Adjustment from fair value to contract value for fully benefit- responsive investment contract	(1,125,400)	(956,584)
Net Assets Available for Benefits	\$ 32,943,222	\$ 28,820,646

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## STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

## Eaton Puerto Rico Retirement Savings Plan

	Year Ended December 31	
	2012	2011
Additions to Net Assets Attributed to:		
Contributions:		
Employer	\$ 917,080	\$ 742,603
Employee	2,371,324	1,945,706
Rollover		81,235
	<b>3,288,404</b>	2,769,544
Interest and dividend income	<b>796,100</b>	824,553
Net unrealized/realized appreciation (depreciation)	<b>1,853,971</b>	(1,002,669)
<b>Total Additions</b>	<b>5,938,475</b>	2,591,428
Deductions from Net Assets Attributed to:		
Benefits paid to participants	<b>1,815,821</b>	2,584,019
Administrative expenses	<b>78</b>	93
<b>Total Deductions</b>	<b>1,815,899</b>	2,584,112
<b>Net Increase</b>	<b>4,122,576</b>	7,316
Net Assets Available for Benefits:		
Beginning of Year	<b>28,820,646</b>	28,813,330
<b>End of Year</b>	<b>\$ 32,943,222</b>	\$ 28,820,646



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NOTES TO FINANCIAL STATEMENTS

Eaton Puerto Rico Retirement Savings Plan

**1 Description of Plan**

The following description of The Eaton Puerto Rico Retirement Savings Plan ( the Plan ) provides only general information. Participants should refer to the Plan document and summary plan description, which is available from the Human Resources Department upon request, for a complete description of the Plan s provisions.

***General:***

Effective January 1, 2011, Cutler-Hammer Electrical Company (the Company and Plan Sponsor ) established the Eaton Puerto Rico Retirement Savings Plan. The Company is a subsidiary of Eaton Corporation plc ( Eaton ). The Plan is intended to be qualified only under Sections 1081.01(a) and (d) of the PRIRC. The Plan was amended and restated April 1, 2013.

***Eligibility:***

The Plan provides that all full-time employees not covered under a collective bargaining agreement of the Company are eligible to participate in the Plan immediately upon employment.

Effective April 1, 2011, newly hired employees were automatically enrolled in the Plan at a rate of 6% of eligible compensation.

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NOTES TO FINANCIAL STATEMENTS

Eaton Puerto Rico Retirement Savings Plan

**1 Description of Plan, Continued**

***Contributions:***

Employee Contributions -Employees may elect to make before-tax contributions to the Plan up to a maximum of 30% of their compensation.

Employer Contributions The Company has agreed to make a voluntarily matching contribution of 50% of the employee contributions not to exceed 3% of the total compensation of the employee.

Contributions are subject to limitations on annual additions and other limitations imposed by Section 1081.01(d) of the Puerto Rico Internal Revenue Code, as amended from time to time, as defined in the Plan agreement.

***Participants Accounts:***

Each participant s account is credited with the participant s contributions and allocations of Company contributions, Plan earnings and transaction costs. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant s account. On termination of service, a participant is eligible to receive a lump-sum amount equal to the vested value of his or her account.

***Vesting:***

All participants are 100% vested in their contributions plus actual earnings thereon. Vesting in the Company contribution portion of their accounts plus actual earnings thereon is based on years of continuous service. Participants are 100% vested after three years of credited service or upon the death of the participant.

***Forfeitures:***

Forfeited non-vested accounts totaled \$1 and \$336 as of December 31, 2012 and 2011, respectively. Future employer contributions will be reduced by these amounts.

***Hardship Withdrawals:***

Hardship withdrawals are permitted in accordance with PRIRC guidelines.

***Investment Options:***

Contributions may be invested in any of the fund options available under the Plan.

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NOTES TO FINANCIAL STATEMENTS

Eaton Puerto Rico Retirement Savings Plan

**2 Summary of Significant Accounting Policies**

***Basis of Accounting:***

The financial statements of the Plan are prepared under the accrual method of accounting.

***Investment Valuation and Income Recognition:***

Securities traded on a national securities exchange are valued at the last reported sales price on the last business day of the Plan year. The Vanguard Retirement Savings Trust II Fund invests primarily in investment contracts issued by insurance companies, banks or other financial institutions, including investment contracts backed by high-quality fixed income securities.

Purchases and sales of securities are recorded on a trade-date basis. Dividends are recorded on the ex-dividend date.

Under the revised accounting standards, investment contracts held by a defined-contribution plan are required to be reported at fair value. However, contract value is the relevant measurement attribute for that portion of the net assets available for benefits of a defined-contribution plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan. The Statement of Net Assets Available for Benefits presents the fair value of the investment contracts as well as the adjustment of the fully benefit-responsive investment contracts from fair value to contract value. The Statement of Changes in Net Assets Available for Benefits is prepared on a contract value basis.

***Use of Estimates:***

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates.

***Administrative Fees:***

Substantially all administrative, management fees and other expenses of the Plan are paid by the Company. Certain transaction costs are paid by the participants.

***Plan Termination:***

The Company may amend, modify, suspend or terminate the Plan, provided that no assets held by the Plan or income thereon received for the purposes of the Plan shall be used for, or diverted to, purposes other than for the exclusive benefit of participating employees or their beneficiaries.

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## NOTES TO FINANCIAL STATEMENTS

## Eaton Puerto Rico Retirement Savings Plan

**2 Summary of Significant Accounting Policies, Continued***Risks and Uncertainties:*

The Plan's investment include investments in mutual funds and a collective fund holding investment contracts with varying degrees of risk, such as interest rate, credit and overall market volatility risks. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and such changes could materially affect the amounts reported in the statement of net assets available for Plan benefits.

*Subsequent Events:*

Management evaluates events occurring subsequent to the date of the financial statements in determining the accounting for and disclosure of transactions and events that affect the financial statements.

As of April 1, 2013, the Plan will provide that certain Members shall be eligible for nonelective 4% Eaton Retirement Contributions.

**3 Investments**

Banco Popular de Puerto Rico is the Trustee of the Plan. Investments which constitute more than 5% of the Plan's net assets are:

	2012	2011
Vanguard Retirement Savings Trust II	<b>\$ 22,354,891</b>	\$ 20,657,715
Eaton Common Shares Fund (A unitized fund of Eaton ordinary shares and cash)	<b>\$ 6,604,185</b>	\$ 5,112,319
Vanguard Institutional Index	<b>\$ 3,056,202</b>	\$ 2,431,081

During 2012 and 2011, the Plan's investments (including investments purchased, sold as well as held during the year) appreciated (depreciated) in fair value as follows:

Eaton Common Shares Fund	<b>\$ 1,351,670</b>	\$ (928,473)
Mutual funds	<b>502,301</b>	(74,196)
	<b>\$ 1,853,971</b>	\$ (1,002,669)

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NOTES TO FINANCIAL STATEMENTS

Eaton Puerto Rico Retirement Savings Plan

**4 Tax Status**

The Plan has received a determination letter from the Puerto Rico Treasury Department dated August 24, 1999, stating that the Plan meets the requirements for qualification under Puerto Rico income tax laws and that the related trust is exempt from income taxes. Subsequent to this determination the Plan was amended. Once qualified, the Plan is required to operate in conformity with the income tax laws of Puerto Rico to maintain its qualification. The Plan Administrator believes the Plan is being operated in compliance with the applicable requirements of the income tax laws of Puerto Rico and, therefore, believes that the Plan, as amended, is qualified and the related trust is tax exempt.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken uncertain tax positions that more-likely-than-not would not be sustained upon examination by applicable taxing authorities. The Plan Administrator has analyzed tax positions taken by the Plan and has concluded that, as of December 31, 2012, there are no uncertain tax positions taken, or expected to be taken, that would require recognition of a liability or that would require disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions. However, currently no audits for any tax periods are in progress. The Plan Administrator believes that the Plan is no longer subject to income tax examinations for years prior to December 31, 2009.

**5 Party-in-Interest Transactions**

Party-in-interest transactions include the investment in the ordinary shares of Eaton and the payment of administrative expenses by the Company. Such transactions are exempt from being prohibited transactions.

During 2012 and 2011, the Plan received \$172,334 and \$150,664, respectively, in ordinary share dividends from Eaton.

**6 Benefit-Responsive Fund**

The Plan holds the Vanguard Retirement Savings Trust II, a fund managed by Vanguard, that invests in benefit-responsive investment contracts. The fund is credited with earnings on the underlying investments and charged for participant withdrawals and administrative expenses. The traditional guaranteed investment contract issuers are contractually obligated to repay the principal and a specified interest rate that is guaranteed to the Plan and the synthetic contract issuers are contractually obligated to guarantee the payment of a specific interest rate to the Plan.

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NOTES TO FINANCIAL STATEMENTS

Eaton Puerto Rico Retirement Savings Plan

**6 Benefit-Responsive Fund, Continued**

As described in Note 2, because the guaranteed investment contract is fully benefit-responsive, contract value is the relevant measurement attribute for that portion of the net assets available for benefits attributable to the guaranteed investment contract. Contract value, as reported to the Plan by Vanguard, represents contributions made under the contract, plus earnings, less participant withdrawals and administrative expenses. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value.

The average market yield of the Fund for 2012 and 2011 was 2.22% and 3.09%, respectively. This yield is calculated based on actual investment income from the underlying investments for the last month of the year, annualized and divided by the fair value of the investment portfolio on the report date. The average yield of the Fund with an adjustment to reflect the actual interest rate credited to participants in the Fund was 1.82% and 2.68%, respectively.

There are no reserves against contract value for credit risk of the contract issuer or otherwise. The crediting interest rate is based on a formula agreed upon with the issuer, but it may not be less than zero percent. Such interest rates are reviewed on a quarterly basis for resetting.

The fair value is based on various valuation approaches dependent on the underlying investments of the contract.

Certain events limit the ability of the Plan to transact at contract value with the issuer. The Plan Administrator does not believe that the occurrence of any such value event, which would limit the Plan's ability to transact at contract value with participants is probable. The issuer may terminate the contract for cause at any time.

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NOTES TO FINANCIAL STATEMENTS

Eaton Puerto Rico Retirement Savings Plan

**7 Fair Value Measurements**

In accordance with ASC 820, the Plan categorized financial instruments, based on the degree of subjectivity inherent in the valuation technique, into a fair value hierarchy of three levels, as follows:

Level 1 inputs to the valuation methodology are quoted prices (unadjusted) for identical assets or liabilities in active markets.

Level 2 inputs to the valuation methodology include quoted prices for similar assets and liabilities in active markets, and inputs that are observable for the asset or liability, either directly or indirectly, for substantially the full term of the financial instrument.

Level 3 inputs to the valuation methodology are unobservable and significant to the fair value measurement.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2012 and 2011.

*Registered Investment Companies (Mutual Funds) and Separate Accounts:* Valued at the net asset value (NAV) of shares held by the Plan at year end.

*Guaranteed Investment Contract:* Valued at the net unit value of units held by the trust at year end. The unit value is determined by the Total Value of Fund Assets divided by the Total Number of Units of the Fund owned.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

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## NOTES TO FINANCIAL STATEMENTS

## Eaton Puerto Rico Retirement Savings Plan

**7 Fair Value Measurements, Continued**

The following table sets forth by level on a recurring basis, within the fair value hierarchy, the Plan's investments at fair value as of December 31, 2012. There are no investments which fall under Level 3 of the hierarchy.

	Level 1 Fair Value	Level 2 Fair Value	Total
<b>Registered Investment Companies:</b>			
Large-cap equity funds	\$ 3,056,202	\$	\$ 3,056,202
Balanced funds	1,294,412		1,294,412
International equity funds	674,757		674,757
<b>Total</b>	<b>5,025,371</b>		<b>5,025,371</b>
<b>Guaranteed Investment Contracts:</b>			
Stable value funds		22,354,891	22,354,891
<b>Separate Accounts:</b>			
Company stock funds		6,604,185	6,604,185
<b>Total investments at fair value</b>	<b>\$ 5,025,371</b>	<b>\$ 28,959,076</b>	<b>\$ 33,984,447</b>

The following table sets forth by level on a recurring basis, within the fair value hierarchy, the Plan's investments at fair value as of December 31, 2011. There are no investments which fall under Level 3 of the hierarchy.

	Level 1 Fair Value	Level 2 Fair Value	Total
<b>Registered Investment Companies:</b>			
Large-cap equity funds	\$ 2,431,081	\$	\$ 2,431,081
Balanced funds	984,218		984,218
International equity funds	520,044		520,044
<b>Total</b>	<b>3,935,343</b>		<b>3,935,343</b>
<b>Guaranteed Investment Contracts:</b>			
Stable value funds		20,657,715	20,657,715
<b>Separate Accounts:</b>			
Company stock funds		5,112,319	5,112,319
<b>Total investments at fair value</b>	<b>\$ 3,935,343</b>	<b>\$ 25,770,034</b>	<b>\$ 29,705,377</b>



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NOTES TO FINANCIAL STATEMENTS

Eaton Puerto Rico Retirement Savings Plan

**8 Recent Accounting Pronouncements**

In May 2011, the FASB issued ASU 2011-04 to improve the consistency of fair value measurement and disclosure requirements between U.S. GAAP and International Financial Reporting Standards ( IFRS ). As a result, the wording used to describe many of the requirements in U.S. GAAP for measuring fair value and for disclosing information about fair value measurements may change. Further, ASU 2011-04 provides additional disclosure requirements surrounding Level 3 fair value measurements, the uses of nonfinancial assets in certain circumstances and identification of the level in the fair value hierarchy used for assets and liabilities which are not recorded at fair value, but where fair value is disclosed. The amendments in this update are to be applied prospectively. For public entities, the amendments are effective during interim and annual periods beginning after December 15, 2011. This guidance has been effective for the Company for the year ended December 31, 2012. The adoption did not have a material impact on the Plan.

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SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES AT END OF YEAR

Form 5500, Schedule H, Part IV, Line 4i

Eaton Puerto Rico Retirement Savings Plan

EIN 98-0474648

Plan Number 002

December 31, 2012

(b)	(c)	(d)	(e)
Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Cost	Current Value
(a)			
Vanguard Retirement Savings Trust II - see Footnote 1	Guaranteed Investment Contract	N/A	\$ 21,229,491
* Eaton Common Shares Fund	Separate accounts	N/A	6,604,185
Vanguard Institutional Index	Mutual Funds	N/A	3,056,202
Vanguard Balanced Index Fund	Mutual Funds	N/A	1,294,412
Vanguard Developed Markets Index	Mutual Funds	N/A	674,757
			\$ 32,859,047

Footnote 1 - denotes contract value

\* Party-in-interest to the Plan.