



Analysis Conducted by: Xiaoying Gan & Ming Dai

UConn SMF: 2014-2015 Prepared on: April 5, 2015

Company Snapshot

Key Financial Metrics

Stock Price: \$67.68 Market Cap: \$31,641.5M Sector: Industrials
52-Week High: \$79.98 P/E Ratio: 14.40 Industry: Electrical Components &

 52-Week Low: \$57.11
 EPS: \$4.7
 Equipment

 Dividend Yield: 3.25%
 FCF/Sh: \$2.63
 ROE: 11.0%

 Gross Margin: 30.62%
 FCF Yield: 3.86%
 ROA: 5.2%

 Profit Margin: 7.95%
 Price to FCF: \$25.7
 Beta: 1.29

Business Summary:

Eaton is a power management company with 2014 sales of \$22.6 billion. Eaton provides energy-efficient solutions that help its customers effectively manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably.

It is primarily engaged in the design, manufacture, marketing and servicing of electrical systems and components for power quality, distribution and control. The company has a diversified product portfolio that enables it to provide end-to-end solutions and tap high value customers.

Eaton has approximately 102,000 employees and sells products to customers in more than 175 countries.

Positives:

- Diversified product portfolio reduces business risks and increases opportunities
- Robust manufacturing capabilities and diverse geographic presence reduces business risks
- Strong financial results supports long-term growth

Negatives:

- Legal proceedings could have a negative impact on the cost structure and profitability
- Rising dollar could hurt profitability of international sales.
- A worsening in global economies



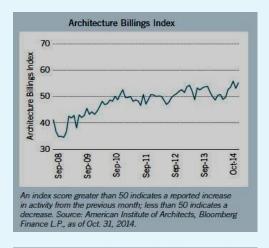
Sector Analysis

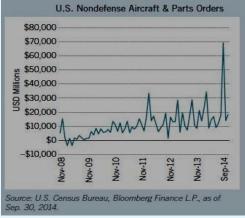
Sector Overview:

The Industrials sector is divided into 20 industries by S&P classifications but can be further divided into 6 areas; aerospace/defense, industrial diversified, machinery, electrical, transport equipment, and transport & logistics. It accounted up to 11% of the S&P 500. Aerospace & Defense is the largest sub-industry, representing 25.4% of the sector's market value, while Trucking is the smallest, accounting for 0.3% of the sector. The industrials index generally moves with the broad market, indicators for this sector can also be used to gauge overall health of the economy.

Investment Opportunities:

- U.S. nonresidential construction activity has picked up significantly during the past year, and it appears likely to accelerate further in 2015. This is a multiyear cycle that will touch almost every industry within the sector, including building products, machinery, and construction and engineering. In 2014, the Architecture Billings Index, a leading indicator of nonresidential construction activity, reached its highest level since 2007
- Orders for new commercial jets remained strong in 2014, despite concern that 2013's momentum would not be sustained. This trend seems likely to continue in 2015, with energy efficiency requirements driving replacement for many U.S. carriers, and growth driving orders for emerging-market carriers. The outlook for the defense industry also is somewhat brighter. The U.S. defense budget has been shrinking, largely due to across-the-board budget cuts, or "sequestration," that went into effect in early 2013. However, the emerging fight against ISIS, the crisis in Ukraine, and Republican midterm victories in November 2014, which gave the party control of both the House and Senate, may prompt changes to sequestration.
- Rising demand for more-efficient products has continued to benefit industries across the sector. For example, adoption of light-emitting diode technology grew significantly in 2014.
 Meanwhile, new efficiency standards will go into effect in January 2015 for heating, ventilation, and air conditioning (HVAC) systems, driving higher-price, higher-margin business for HVAC manufacturers.





Investment Risks:

- Global macroeconomic growth may slow
- Lower crude oil prices may negatively affect some industries that make machinery and equipment for oil companies, or railroad companies that transport oil from shale production areas
- The U.S. dollar strengthened against most other currencies in 2014, a headwind for U.S. companies that sell products abroad.

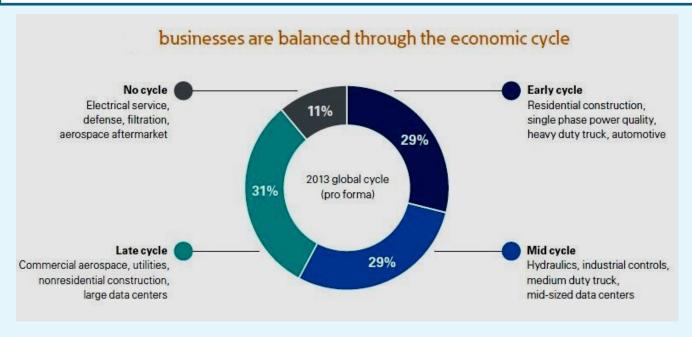
Business Model

Eaton Business System:

What makes Eaton distinct is its power management focus, its values-based culture and its philosophy to run the enterprise as an integrated operating company. The Eaton Business System (EBS) is the embodiment of its integrated operating company philosophy. The Foundation of the Eaton Business System is a single vision and mission, shared set of values and a common philosophy. EBS also includes a standard set of processes that is used to run the company within these areas: Planning, Growth, Operational Excellence, Functional Excellence, Assessment and Learning.

Business Strategy & Direction:

- Leading as a Power Management Company and Maximizing Shareholder Value
 Eaton has undergone a significant transformation in the way it operates. The Eaton Business System is
 generating real results and capturing the benefits of scale, strength and scope.
- Creating Balance through Acquisitions and a Focus on High-Growth Market Segments
 Eaton has become a stronger company through acquisitions. A focus on higher-margin, higher-growth
 market segments has provided the balance to mitigate the impact of volatile economic conditions and
 the ability to significantly increase shareholder value. Since 2000, Eaton has become a power management company shaped by more than 60 acquisitions and 10 joint ventures. Each opportunity is carefully screened, and must demonstrate the ability to perform in the high growth segments of their markets,
 create differentiated products, services and technologies, and strengthen Eaton's market leadership position. This strategy has produced impressive results, with its acquisitions consistently delivering
 above their cost of capital, and has made it a better-balanced company in terms of geography, end markets, and the business cycle
- Charting a Challenging Course with its Corporate Goals
 It sets some very aggressive targets: Between 2011 and 2015, It expects to achieve an annual compound sales growth of 12 to 14%, 20% compound earnings growth and 15% return on invested capital (ROIC). Eaton also anticipates achieving a 16% segment operating margin and generating 9% free cash flow as a percent of sales by 2015. Emerging markets will continue to make up a larger part of our geographic mix, reaching 30% of our total sales by 2015.



Revenue Breakdown

- Hydraulics Business is among the three largest globally and services a wide range of mobile and industrial customer.
- Aerospace business has breadth across many markets and platform and has the leadership position in core products.
- Vehicle business is leader in fuel economy and emission reduction and will outgrow its peers because the regulations create large opportunities for its innovative products

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Vehicle Segment

18%

Industrial Sector
39%

Aerospace
Segment
Segment
13%

Electrical Sector
61%

Electrical Products
& Electrical Systems and
Services Segments

Vehicle

The vehicle segment is a leader in the design, manufacture, marketing, and supply of drivetrain and powertrain systems and critical components that reduce emissions and improve fuel economy, stability, performance, and safety of cars, light trucks and commercial vehicles. Products include transmissions, engine valves and valve actuation systems, cylinder heads, locking and limited slip differentials, transmission and engine controls, fuel vapor components, compressor control clutches for mobile refrigeration, fluid connectors and hoses for air conditioning and power steering for the global vehicle industry. The principal markets for the Vehicle segment are original equipment manufacturers and aftermarket customers of heavy-, medium-, and light-duty trucks, SUVs, CUVs, passenger cars and agricultural equipment.

Electrical

The Electrical Products segment consists of electrical components, industrial components, residential products, single phase power quality, emergency lighting, fire detection, wiring devices, structural support systems, circuit protection, and lighting products. The Electrical Systems and Services segment consists of power distribution and assemblies, three phase power quality, hazardous duty electrical equipment, intrinsically safe explosionproof instrumentation, utility power distribution, power reliability equipment, and services. Both units' primary competitors include GE, Germanybased Siemens and Schneider Electric. Demand for ETN's electrical equipment and components mainly reflects the health of the nonresidential, power quality, industrial, residential construction and telecom industries.

Aerospace

The Aerospace segment is a global provider of pumps, motors, hydraulic power units and other equipment, valves, cylinders, hoses and fittings, control and sensing products, fluid conveyance products, sensors, actuators and other products used in the aviation industry. The segment's products are sold to after- market customers as well as to manufacturers of commercial and military aviation products.

Hydraulics

The Hydraulics segment makes products including, but not limited to, pumps, motors, valves, cylinders, hydraulic power units, control and sensing products, fluid conveyance products, hoses and assemblies. The principal markets for the segment's products include various energy industries, and the marine, agriculture, construction, mining, forestry, utilities, material handling, automotive, machine tool, metals and entertainment industries.

SWOT Analysis

Strength

- Diversified product portfolio reduces business risks and increases opportunities.
 Eaton's diversified product portfolio thus enables the company to provide end-to-end solutions and tap high value customers. In addition, it also helps Eaton Corporation to balance revenues in the face of a slowdown in a particular segment.
- Robust manufacturing capabilities and diverse geographic presence reduces business risks. Eaton Corporation has strong manufacturing capabilities. It is one of the leading technology companies that operate many manufacturing facilities across the world. These facilities are well equipped and aligned with innovative technologies. The company's diversified geographical presence ensures that it remains shielded from macroeconomic risks associated with operational presence in one location. In addition, it also helps Eaton Corporation to minimize the risks arising out of a specific geographical region from its diversified geographical presence
- Strong financial results supports long-term growth

Threats

- Competition across all business segments could adversely affect margins. Eaton Corporation faces substantial competition in all of its business segments. The key competitors of Eaton Corporation are Johnson Controls, Parker-Hannifin Corporation, ITT Corporation, Cooper Industries, ABB, Thomas & Betts, and Babcock & Wilcox Company. The competition across all business segments could create price wars among market players and may increase pricing pressure on the company, which could adversely affect its margins.
- Volatile prices of raw materials could have a negative impact on the profitability. Eaton Corporation is largely dependent on many raw materials in the due course of its manufacturing process. An increase or decrease in the prices of the key raw materials will have a direct impact on the operating costs of Eaton Corporation.

Weaknesses

• Legal proceedings could have a negative impact on the cost structure and profitability. Eaton Corporation is subject to a broad range of claims, administrative and legal proceedings such as lawsuits that relate to contractual allegations, tax audits, patent infringement, and personal injuries.

Opportunities

- Positive outlook for the global electrical components and equipment market could help enhance business growth. The global electrical components and equipment market has seen increasing growth from 2010 through to 2014. The market is expected to continue to grow at a strong rate through to 2018. The positive outlook of global electrical components and equipment market could provide ample opportunities to Eaton Corporation to boost up its business growth.
 - Growing global automotive drivetrain market a negative impact on the profitability could provide opportunity to expand revenues and profits. Drivetrains deliver the power generated from the engine to the wheels in the vehicle in order to keep the vehicle moving. The automotive drivetrain market is projected to grow with the increasing vehicle production. The growing demand for comfort and safety in vehicles and better vehicle handling in unfavorable terrain are major drivers for the growth of the global automotive drivetrain market. Eaton Corporation delivers drivetrain and powertrain systems and critical components that reduce emissions and improve fuel economy, stability, performance, and safety of cars, light trucks and commercial vehicles. Therefore, growth of global automotive drivetrain market could provide an opportunity for the company to capitalize on this market and to expand its revenues and profits.

Discounted Cash Flow Valuation

Financial Data	
Beta:	1.3
Long Term Debt:	8,024m
Market Cap:	31,900m
Tax Rate:	20%
EPS-10 Years Growth Rate:	6.18%
DPS-10 Years Growth Rate	13.50%
Future Expected Growht Rate:	
(ROExRetention Ratio)	8.40%
Shares Outstanding:	474.6m

Valuation Assumption		
Risk Free Rate:	2.82%	
Market Risk:	8.75%	
Cost of Equity(CAPM)	10.53%	
WACC	9.41%	
FCF Growth Rate	9.13%	
Terminal Growth Rate:	3.00%	

Free Casf Flow (FCF) Model

We will assume 2014 as the current year and take the cash flow in 2015 as year 1

Cash Flow per share = \$ 3.97

Free Cash flow per share = \$ 2.87 (=CFS - Cap Spending PS)

		Terminal		
Year	FCF	Value	CF	PV
0	\$ 2.87			
1	\$3.13		3.13	\$2.86
2	\$3.73		3.73	\$3.12
3	\$4.85		4.85	\$3.70
4	\$6.87		6.87	\$4.80
5	\$10.64	180.99	191.63	\$122.21
6	\$11.61			
Price =				\$136.7
Long Term	Debt		16.90687	\$119.8

		S	ensitivity A	nalysis		
		L	ong-term G	rowth Rate	tie.	
a		1%	2%	3%	4%	5%
Rate	8%	118.2	137	163.4	202.9	268.7
+	9%	99	112.4	130.4	155.6	193.3
iscount	10%	84.1	94.1	107	124.1	148.1
000	11%	72.1	79.9	89.5	101.8	118.2
Ö	12%	62.5	68.6	75.9	85.1	96.8

Valuation

Based on the data provided in Eaton's Annual Report, we estimate that Eaton is currently worth \$119.8 per share, which representing a 97% capital gain from the current price of \$60.80.

- We assume the 10 years US Treasury rate 2.82% to be the risk free rate, ETN's Beta is 1.3, having a cost of equity of 10.53%.
- We assume the next 5 years to be a high growth period with a growth rate of 9.13%, and forecast a stable growth period from 2020 with 3% growth rate.
- We perform a sensitivity analysis to see how ETN's intrinsic value would change when the WACC and long-term growth rate change. We observed that changes in the WACC have a greater impact on the intrinsic value

Corporate Social Responsibility

Protect environment

Whether reducing emissions, waste and water consumption or preventing and remediating spills and releases, Eaton are committed to environmental stewardship and reducing the environmental impact of its products and operations.

- At one facilities in Michigan Eaton are mitigating the source of historical groundwater contamination with ozone injection, an innovative and minimally invasive approach. In less than two years it achieved a 75 to 90 percent reduction of contaminant.
- Since 2010, Eaton has reduced waste sent to landfill by 8,157 metric tons, about 37 percent. It reduced its water consumption by 520,000 cubic meters, nearly 23 percent. It reduced GHG emissions by 25 percent
- In 2014, 44 facilities achieved zero waste-tolandfill status, up from 29 in the prior year.
- Eaton has already met its commitment to the U.S. Department of Energy's "Better Buildings, Better Plants" program to reduce our energy use by 25 percent by 2016

Inclusive Workplace

- For the sixth year, Eaton was named among the Top 100 Military Friendly Employers, topping the list in the manufacturing industry category.
- a Top 50 Employer for Workforce Diversity in the 2014 Reader's Choice Awards as chosen by readers of Workforce Diversity for Engineering and IT Professionals magazine.
- In Brazil, Eaton ranked first place for social responsibility in 2014 by the magazine IstoÉ Dinheiro, recognizing Eaton for promoting inclusion and sponsoring initiatives for community development.

Sustainability

- Eaton has a long history of helping to create a more sustainable world through its products and solutions, practices and people.
- In 2014, a number of respected organizations recognized Eaton for leadership in sustainability and responsible business practices. For a sixth year, CDP named Eaton to its S&P 500 Climate Disclosure Leadership Index. CDP recognizes companies that provide "transparency of information" regarding sustainability reporting, initiatives and governance.
- Corporate Responsibility magazine named Eaton to its list of "100 Best Corporate Citizens" for the seventh consecutive year, with ratings based on corporate transparency in sustainability reporting.

Global Energy Trends

Eaton invested \$647 million in research and development, continuing its focus on solving both power management and sustainability challenges. Eaton launched several products that use less energy to create more power with greater reliability, safety and efficiency.

- Explosion-proof LED luminaires, providing durability and safety in harsh environments.
- Variable speed motor starters, meeting new European energy-efficiency standards for applications such as HVAC, material handling and machine building.
- Low-speed, high-torque motors, delivering more power with less energy for industrial applications.
- Powertrain solutions with smart technology, optimizing communication between the engine and transmission and improving driver safety and fuel economy.

Eaton Global Employment	Total	Number of	Percentage of	Total	Number of Minorities	Percentage of Minorities
Table 1	Global	Women	Women	U.S.	(U.S. only)	(U.S. only)
(As of December 31, 2014)						*
Board of directors	12	3	25.0%	12	3	25.0%
Global leadership team	31	5	16.1%	31	9	29.0%
Executives	704	120	17.0%	517	65	12.6%
Managers	7,722	1,334	17.3%	4,415	672	15.2%
All other employees	93,770	29,038	31.0%	28,226	8,300	29.4%
All employees	102,227	30,497	29.8%	33,189	9,046	27.3%

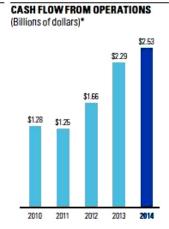
Appendix A: Financial Trends

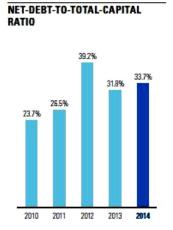
2014 Financial Highlights

- Record sales of \$22.6 billion, up 2 percent from 2013.
- Operating earnings (excluding acquisition integration charges, litigation settlements and the aerospace divestiture gain) grew to a record \$2.2 billion, an increase of 13 percent from 2013.
- Operating earnings per share, excluding the same items, increased to a record \$4.67, up 13 percent.
- A record \$2.53 billion in cash from operations, excluding the litigation settlements.
- Raised dividend 17 percent in February 2014 and another 12 percent in February 2015, maintaining dividend yield among the highest within our peer group.
- Repaid \$560 million of the debt borrowed to finance the Cooper acquisition.
- Contributed \$362 million to our pension plans, strengthening balance sheet.
- Repurchased \$650 million, or 9.6 million, shares—approximately 2 percent of our outstanding shares.

2014 Financial Highlights







	2014	2013
(In millions except for per share data)		
Net sales	\$22,552	\$22,046
Net income attributable to Eaton ordinary shareholders	1,793	1,861
Excluding acquisition integration charges and transaction costs (after-tax)	102	110
Operating earnings	\$ 1,895	\$ 1,971
Operating earnings excluding litigation settlements and divestiture gain*	\$ 2,230	\$ 1,971
Net income per ordinary share—diluted	\$ 3.76	\$ 3.90
Excluding per share impact of acquisition integration charges and transaction costs (after-tax)	0.21	0.23
Operating earnings per ordinary share	\$ 3.97	\$ 4.13
Operating earnings per ordinary share excluding litigation settlements and divestiture gain*	\$ 4.67	\$ 4.13
Weighted-average number of ordinary shares outstanding – diluted	476.8	476.7
Cash dividends declared per ordinary share	\$ 1.96	\$ 1.68
Total assets	\$33,529	\$ 35,491
Total debt	9,034	9,549
Eaton shareholders' equity	15,786	16,791

^{*}Operating earnings were \$2,230 for 2014, excluding the pre-tax cost for two extraordinary litigation settlements of \$644, and a pre-tax gain from two Aerospace divestitures of \$154. Operating earnings per ordinary share were \$4.67 for 2014, excluding a \$0.70 per share impact of the extraordinary litigation settlements and the gain from the Aerospace divestitures. Operating cash flows were \$2,532 for 2014, excluding \$654 of payments made for the extraordinary litigation settlements.

Appendix B: Financial Statements

Consolidated Statements of Income

YEAR ENDED DECEMBER 31	2014	2013	2012
(In millions except for per share data)			
Net sales	\$ 22,552	\$ 22,046	\$16,31 <mark>1</mark>
Cost of products sold	15,646	15,369	11,448
Selling and administrative expense	3,810	3,886	2,894
Litigation settlements	644	-	-
Research and development expense	647	644	439
Interest expense - net	227	271	208
Other (income) expense - net	(183)	(8)	71
Income before income taxes	1,761	1,884	1,251
Income tax (benefit) expense	(42)	11	31
Net income	1,803	1,873	1,220
Less net income for noncontrolling interests	(10)	(12)	(3)
Net income attributable to Eaton ordinary shareholders	\$ 1,793	\$ 1,861	\$ 1,217
Net income per ordinary share			
Diluted	\$ 3.76	\$ 3.90	\$ 3.46
Basic	3.78	3.93	3.54
Weighted-average number of ordinary shares outstanding			
Diluted	476.8	476.7	350.9
Basic	474.1	473.5	347.8
Cash dividends declared per ordinary share	\$ 1.96	\$ 1.68	\$ 1.52

Appendix B: Financial Statements

Consolidated Balance Sheets

DECEMBER 31	2014	2013
(In millions) Assets Current assets Cash Short-term investments Accounts receivable - net	\$ 781 245 3,667	\$ 915 794 3,648
Inventory Deferred income taxes Prepaid expenses and other current assets	2,428 593 386	2,382 577 415
Total current assets Property, plant and equipment	8,100	8,731
Land and buildings Machinery and equipment	2,343 5,621	2,461 5,504
Gross property, plant and equipment Accumulated depreciation	7,964 (4,214)	7,965 (4,132)
Net property, plant and equipment	3,750	3,833
Other noncurrent assets Goodwill Other intangible assets Deferred income taxes Other assets Total assets	13,893 6,556 228 1,002 \$33,529	14,495 7,186 240 <u>1,006</u> \$35,491
Liabilities and shareholders' equity Current liabilities Short-term debt Current portion of long-term debt Accounts payable Accrued compensation Other current liabilities Total current liabilities	\$ 2 1,008 1,940 420 1,985 5,355	\$ 13 567 1,960 461 1,913 4,914
Noncurrent liabilities Long-term debt Pension liabilities Other postretirement benefits liabilities Deferred income taxes Other noncurrent liabilities Total noncurrent liabilities	8,024 1,812 513 901 1,085	8,969 1,465 668 1,313 1,299
Shareholders' equity Ordinary shares (467.9 million outstanding in 2014 and 475.1 million in 2013) Capital in excess of par value Retained earnings Accumulated other comprehensive loss	5 11,605 7,078 (2,899)	5 11,483 6,866 (1,560)
Shares held in trust Total Eaton shareholders' equity Noncontrolling interests	(3) 15,786 53	(3) 16,791 72
Total equity Total liabilities and equity	15,839 \$33,529	16,863 \$35,491

Appendix B: Financial Statements

Consolidated Statements of Cash Flows

YEAR ENDED DECEMBER 31	2014	2013	2012
(In millions)			
Operating activities			
Net income	\$ 1,803	\$ 1,873	\$ 1,220
Adjustments to reconcile to net cash provided by operating activities			
Depreciation and amortization	983	997	598
Deferred income taxes	(382)	(311)	(155)
Pension and other postretirement benefits expense	293	384	335
Contributions to pension plans	(362)	(341)	(413)
Contributions to other postretirement benefits plans	(40)	(59)	(43)
Excess tax benefit from equity-based compensation	(20)	(32)	(21)
(Gain) loss on sale of businesses	(68)	(2)	1
Changes in working capital			
Accounts receivable - net	(205)	(231)	108
Inventory	(152)	(92)	166
Accounts payable	49	86	(220)
Accrued compensation	(32)	-	(52)
Accrued income and other taxes	(73)	1	(86)
Other current assets	73	(42)	117
Other current liabilities	8	(46)	30
Other - net	3	100	79
Net each assisted by acception activities	1 070	2 200	1.004
Net cash provided by operating activities	1,878	2,285	1,664
Investing activities			
Capital expenditures for property, plant and equipment	(632)	(614)	(593)
Cash received from (paid for) acquisitions of businesses, net of cash acquired	2	(9)	(6,936)
Sales (purchases) of short-term investments - net	522	(288)	603
Proceeds from sales of businesses	282	777	3
Other-net	(31)	(68)	(49)
Net cash provided by (used in) investing activities	143	(202)	(6,972)
Financing activities			
Proceeds from borrowings	_	9	7,156
Payments on borrowings	(582)	(1,096)	(1,324)
Payments of financing costs	-	(1,030)	(117)
Cash dividends paid	(929)	(796)	(512)
Exercise of employee stock options	54	121	95
(Repurchase) issuance of shares	(650)		159
Excess tax benefit from equity-based compensation	20	32	21
Other - net	(43)	(6)	2
Net cash (used in) provided by financing activities		(1,736)	5,480
	(2,130)		
Effect of currency on cash	(25)	<u>(9)</u>	20
Total (decrease) increase in cash	(134)	338	192
Cash at the beginning of the period	915	<u>577</u>	385
Cash at the end of the period	\$ 781	\$ 915	\$ 577

Appendix C: References

- "Eaton Corporation Plc." Market Line. 31 Oct. 2014. Web. 6 Apr. 2015.
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