OPERS

2017 Annual Report on Iran/Sudan Divestiture

Market value of holdings with companies with scrutinized activities, FY 2007¹-Present (in millions);²

FY 2007	FY 2016	Change in market value
\$659	\$9	-98.63%

Market value of holdings with companies with scrutinized activities, FY 2015-2016 (in millions):

FY 2015	FY 2016	Change in market value
\$23	\$9	-60.87%

Top five holdings (through active funds):

Company	Market Value (in millions)	% of total scrutinized
Gazprom	\$2	22.22%
Schneider Electric	\$7	77.78%

Comments on remaining top five holdings:

- Schneider Electric
 - Continues to offer the most compelling upside amongst the European Industrials, with a significant discount to peers in the broader Capital goods space, and a tremendous opportunity for growth into the future.
 - o Global leader with a diversified revenue base across end markets and regions.
- Gazprom
 - o Controls largest gas reserves, globally.
 - The company has a unique asset base with demand for their output underpinned by nearby European markets that are dependent on imported resources for their energy needs.

¹ None of the retirement boards had an active Iran/Sudan divestment policy in 2007. 2007 serves as the baseline to measure changes.

² Holdings are as of 6/30 for the subsequent year reported.

Appendix

Summary of correspondences regarding scrutinized companies

Year of Correspondence	% of Scrutinized Companies Contacted	Summary
2008	100%	Contacted 81 of 81 scrutinized companies; 25 responses
2009	100%	Contacted 98 of 98 scrutinized companies; 21 responses
2010	100%	Contacted 90 of 90 scrutinized companies; 18 responses
2011	100%	Contacted 87 of 87 scrutinized companies; 9 responses
2012	100%	Contacted 77 of 77 scrutinized companies; 21 responses
2013	100%	Contacted 62 of 62 scrutinized companies; 7 responses
2014	100%	Contacted 69 of 69 scrutinized companies; 10 responses
2015	100%	Contacted 60 of 60 scrutinized companies; 12 responses
2016	100%	Contacted 65 of 65 scrutinized companies; 14 responses
2017	100%	Contacted 67 of 67 scrutinized companies; 15 responses

Summary of activity with active managers with holdings in scrutinized companies (current reporting year)

- All Active External Managers provide Exposure Rationale to OPERS twice a year.
- Summary of Responses:
 - Schneider Electric
 - Continues to offer the most compelling upside amongst the European Industrials, with a significant discount to peers in the broader Capital goods space, and a tremendous opportunity for growth into the future.
 - Global leader with a diversified revenue base across end markets and regions.
 - Gazprom
 - Controls largest gas reserves, globally.
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Market value of directly held public securities held in active funds that are scrutinized companies (current reporting year)

Company	Market value (in millions)
Gazprom	\$2.2
Schneider Electric	\$6.8

Summary of sold, redeemed, purchased, withdrawn securities of scrutinized companies (2013-present) 3

	2013	2014	2015	2016	2017
Ą	China National Offshore Oil Co, (S)	China National Offshore Oil Co, (P, S)	China National Offshore Oil Co, (S)	Gazprom PAO, (P, S)	Gazprom PAO, (P, S)
	Eni SpA, (P, S)	China National Petroleum Corp, (P, S)	China National Petroleum Corp, (S)		Cnooc Ltd, (P, S)
ctivi	Gazprom PAO, (P, S)	Gazprom PAO, (P, S)	Gazprom PAO, (P, S)		
Summary of Activity	China National Petroleum Corp, (P, S)	JX Holdings Inc, (P)	JX Holdings Inc, (S)		
nma	JX Holdings Inc, (S)	Oil India Ltd, (P)	Schneider Electric SE, (S)		
Sun	Petroliam Nasional Bhd, (S)	Schneider Electric SE, (P)	Oil India, Ltd. (S)		
	Schneider Electric SE, (P, S)				
	Statoil ASA, (P, S)				
* * * * * *	TOTAL SA, (P, S)			1.	. DI 1

^{*} Ultimate parent of the company for capital structure purposes was used to group issuers. Bloomberg Field DZ030

S - Sold

R- Redeemed

P- Purchased

W-Withdrawn

X – Previously owned security added to scrutinized list in current report period

³ Transactions recorded from July 1st of prior year to June 30th of reporting year listed.