

RE 34 (7) e-FILING REPORT COVER SHEET

Send completed Cover Sheet and the Report in an email addressed to: PUC.FilingCenter@state.or.us

REPORT NAME: PGE Major Shareholder Report – AR 544
COMPANY NAME: Portland General Electric
DOES REPORT CONTAIN CONFIDENTIAL INFORMATION? No Yes If yes, please submit only the cover letter electronically. Submit confidential information as directed in OAR 860-001-0070 or the terms of an applicable protective order.
If known, please select designation: RE (Electric) RG (Gas) RW (Water) RO (Other)
Report is required by: OAR 860-027-0175 Statute Order Other
Is this report associated with a specific docket/case? ☐No ☐Yes If yes, enter docket number: AR 544
List applicable Key Words for this report to facilitate electronic search: Major Shareholder Report
 Annual Fee Statement form and payment remittance or OUS or RSPF Surcharge form or surcharge remittance or Any other Telecommunications Reporting or Any daily safety or safety incident reports or

Please file the above reports according to their individual instructions.

Accident reports required by ORS 654.715



February 21, 2018

via E-Mail and US Mail PUC.filingcenter@state.or.us

Commission Filing Center Public Utility Commission of Oregon 201 High St. SE, Suite 100 Salem, OR 97301

Re: OAR 860-027-0175 - PGE Major Shareholder Reporting

To comply with Oregon Administrative Rule 860-027-0175, Portland General Electric reports the following information regarding major shareholders as of December 31, 2017:

Name of major shareholder % of beneficial ownership

The Vanguard Group, Inc. 9.04% BlackRock, Inc. 10.00% JP Morgan Chase & Co. 5.10%

The foregoing information is based on Schedule 13G and 13G/A reports filed with the Securities and Exchange Commission by The Vanguard Group, Inc., BlackRock, Inc., and JP Morgan Chase & Co.

The following supporting documents are enclosed:

- 1) Schedule 13G filed with the Securities and Exchange Commission on January 11, 2018, by JP Morgan Chase & Co.
- 2) Schedule 13G/A filed with the Securities and Exchange Commission on January 19, 2018, by BlackRock, Inc.
- 3) Schedule 13G/A filed with the Securities and Exchange Commission on February 12, 2018, by The Vanguard Group, Inc.

These Schedule 13G filings are also available for download at the following address:

http://www.sec.gov/cgi-bin/browse-

edgar?action=getcompany&CIK=0000784977&type=SC+13G%2FA&dateb=&owner=exclude&count=4

If you have any questions, please feel free to contact me at (503) 464-7805 or Jacquelyn Ferchland at (503) 464-7488.

Sincerely.

Stefan Brown

Manager, Regulatory Affairs

encls

cc: Matthew Muldoon, OPUC (w/enclosure)

Barbara Halle Chris Liddle

Marc Bocci

OAR 860-027-0175 - PGE Major Shareholder Reporting

Schedule 13G Filed January 11, 2018 by JP Morgan Chase & Co.



PORTLAND GENERAL ELECTRIC CO / OR/

Filed by JPMORGAN CHASE & CO

FORM SC 13G (Statement of Ownership)

Filed 01/11/18

Address 121 SW SALMON ST

1WTC0501

PORTLAND, OR, 97204

Telephone 5034647779

> CIK 0000784977

Symbol **POR**

Fiscal Year 12/31



UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. n/a)*

PORTLAND GENERAL ELECTRIC COMPANY

(Name of Issuer)				
Common Stock, no par value				
(Title of Class of Securities)				
736508847				
(CUSIP Number)				
December 29, 2017				
(Date of Event Which Requires Filing of this Statement)				
Check the appropriate box to designate the rule pursuant to which this Schedule is filed:				
⊠ Rule 13d-1(b)				
□ Rule 13d-1(c)				
□ Rule 13d-1(d)				
* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.				
The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).				

CUSIP No.	736508847	7					
1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) JPMORGAN CHASE & CO 13-2624428						
	CHECK	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)					
2	(a)						
3	SEC US	SE ONI	LY				
	CITIZE	ENSHIP	OR PLACE OF ORGANIZATION				
4	Delawa	re					
		5	SOLE VOTING POWER 4,188,675 SHARED VOTING POWER				
		6	0				
NUMBER OF SHARES BENEFICIALLY		7	SOLE DISPOSITIVE POWER 4,585,837				
OWNED BY EACH REPORTING PERSON WITH:		8	SHARED DISPOSITIVE POWER 161				
	AGGR	EGATE	E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
9	4,591,098						
	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)						
10							
	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
11	5.1%						
	TYPE (OF REF	PORTING PERSON (SEE INSTRUCTIONS)				
12	HC						

FOOTNOTES

Item 1.							
	(a)	Name of Issuer PORTLAND GENERAL ELECTRIC COMPANY					
	(b)	121 SW	s of Issuer's Principal Executive Offices Salmon Street d, Oregon 97204				
tem 2.							
	(a)		f Person Filing GAN CHASE & CO				
	(b)	Address of Principal Business Office or, if none, Residence 270 Park Avenue New York, NY 10017					
	(c)	Citizenship Delaware					
	(d)	Title of Class of Securities Common Stock, no par value					
	(e)	CUSIP Number 736508847					
tem 3.	If this s	tatement	is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:				
	(a)		Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).				
	(b)		Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).				
	(c)		Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).				
	(d)		Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).				
	(e)		An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);				
	(f)		An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);				
	(g)	\boxtimes	A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);				
	(h)		A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);				
	(i)		A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);				
	(j)		A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J).				
	(k)		A group, in accordance with \S 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with \S 240.13d-1(b)(1)(ii)(J), please specify the type of institution:				

Item 4. Ownership.

D 11 /1	C 11 .		1' (1	,	1 1 .	0.4 1	c	C (1 '	'1 ('C' 1' To	. 1
Provide the	e tallawing	information i	egarding the	e aggregate niim	her and nercent	age of the class o	t securities	of the issuer	identified in It	tem I
I TO VIGO UII	c rono wing	minorimation i	egaranig an	e aggregate mam	ber und percent	uge of the class o	1 Securities	or the issuer	identifica ili it	CIII I.

- (a) Amount beneficially owned: 4,591,098
- (b) Percent of class: 5.1%
- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote: 4,188,675
 - (ii) Shared power to vote or to direct the vote: 0
 - (iii) Sole power to dispose or to direct the disposition of: 4,585,837
 - (iv) Shared power to dispose or to direct the disposition of: 161

Item 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following \Box

Not Applicable

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company

J.P. Morgan Investment Management Inc.; JPMorgan Chase Bank, National Association; J.P. Morgan Trust Company of Delaware; J.P. Morgan Securities LLC

Item 8. Identification and Classification of Members of the Group

Not Applicable

Item 9. Notice of Dissolution of Group

Not Applicable

Item Certification

10.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under §240.14a-11.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

JPMORGAN CHASE & CO

Date: January 11, 2018

By: /s/ Michael T. Lees

Name: Michael T. Lees

Title: Executive Director

Footnotes:

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001)



PORTLAND GENERAL ELECTRIC CO / OR/

Filed by BLACKROCK INC.

FORM SC 13G/A (Amended Statement of Ownership)

Filed 01/19/18

Address 121 SW SALMON ST

1WTC0501

PORTLAND, OR, 97204

Telephone 5034647779

CIK 0000784977

Symbol POR

SIC Code 6282 - Investment Advice

Fiscal Year 12/31

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No: 3)

PORTLAND GENERAL ELECTRIC COMPANY

(Name of Issuer)

Common Stock

(Title of Class of Securities)

<u>736508847</u>

(CUSIP Number)

December 31, 2017

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[X] Rule 13d-1(b)

[] Rule 13d-1(c)

[] Rule 13d-1(d)

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 736508847 (1) Names of reporting persons. BlackRock, Inc. (2) Check the appropriate box if a member of a group (a) [(b) [X] (3) SEC use only (4) Citizenship or place of organization Delaware Number of shares beneficially owned by each reporting person with: (5) Sole voting power 8348402 (6) Shared voting power (7) Sole dispositive power 8922780 (8) Shared dispositive power (9) Aggregate amount beneficially owned by each reporting person (10) Check if the aggregate amount in Row (9) excludes certain shares (11) Percent of class represented by amount in Row 9

10.0%

^{*}The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

```
(12) Type of reporting person
НC
Item 1.
Item 1(a) Name of issuer:
PORTLAND GENERAL ELECTRIC COMPANY
Item 1(b) Address of issuer's principal executive offices:
121 SW SALMON STREET
PORTLAND OR 97204
Item 2.
2(a) Name of person filing:
BlackRock, Inc.
2(b) Address or principal business office or, if none, residence:
BlackRock Inc.
55 East 52nd Street
New York, NY 10055
2(c) Citizenship:
                     _____
 See Item 4 of Cover Page
2(d) Title of class of securities:
Common Stock
2(e) CUSIP No.:
See Cover Page
Item 3.
If this statement is filed pursuant to Rules 13d-1(b), or 13d-2(b) or (c),
check whether the person filing is a:
[ ] Broker or dealer registered under Section 15 of the Act;
[ ] Bank as defined in Section 3(a)(6) of the Act;
[ ] Insurance company as defined in Section 3(a)(19) of the Act;
[ ] Investment company registered under Section 8 of the
Investment Company Act of 1940;
[ ] An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
[\ ] An employee benefit plan or endowment fund in accordance with
           Rule 13d-1(b)(1)(ii)(F);
[X] A parent holding company or control person in accordance with
           Rule 13d-1(b)(1)(ii)(G);
[ ] A savings associations as defined in Section 3(b) of the Federal
           Deposit Insurance Act (12 U.S.C. 1813);
[ ] A church plan that is excluded from the definition of an
           investment company under section 3(c)(14) of the Investment Company
           Act of 1940;
[ ] A non-U.S. institution in accordance with
           Rule 240.13d-1(b)(1)(ii)(J);
[ ] Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K). If filing
            as a non-U.S. institution in accordance with
           Rule 240.13d-1(b)(1)(ii)(J), please specify the type of
           institution:
Item 4. Ownership
Provide the following information regarding the aggregate number
and percentage of the class of securities of the issuer identified in Item 1.
Amount beneficially owned:
```

8922780

Percent of class

Number of shares as to which such person has:

Sole power to vote or to direct the vote

8348402

Shared power to vote or to direct the vote

0

Sole power to dispose or to direct the disposition of

8922780

Shared power to dispose or to direct the disposition of

C

Item 5.

Ownership of 5 Percent or Less of a Class. If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than 5 percent of the class of securities, check the following $[\]$.

Item 6. Ownership of More than 5 Percent on Behalf of Another Person

If any other person is known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, such securities, a statement to that effect should be included in response to this item and, if such interest relates to more than 5 percent of the class, such person should be identified. A listing of the shareholders of an investment company registered under the Investment Company Act of 1940 or the beneficiaries of employee benefit plan, pension fund or endowment fund is not required.

Various persons have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of the common stock of PORTLAND GENERAL ELECTRIC COMPANY.

No one person's interest in the common stock of PORTLAND GENERAL ELECTRIC COMPANY is more than five percent of the total outstanding common shares.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

See Exhibit A

Item 8. Identification and Classification of Members of the Group

If a group has filed this schedule pursuant to Rule 13d-1(b) (ii) (J), so indicate under Item 3 (j) and attach an exhibit stating the identity and Item 3 classification of each member of the group. If a group has filed this schedule pursuant to Rule 13d-1(c) or Rule 13d-1(d), attach an exhibit stating the identity of each member of the group.

Item 9. Notice of Dissolution of Group

Notice of dissolution of a group may be furnished as an exhibit stating the date of the dissolution and that all further filings with respect to transactions in the security reported on will be filed, if required, by members of the group, in their individual capacity.

See Item 5.

Item 10. Certifications

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

Signature.

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: January 17, 2018 BlackRock, Inc.

Signature: Spencer Fleming

Name/Title Attorney-In-Fact

The original statement shall be signed by each person on whose behalf the statement is filed or his authorized representative. If the statement is signed on behalf of a person by his authorized representative other than an executive officer or general partner of the filing person, evidence of the representative's authority to sign on behalf of such person shall be filed with the statement, provided, however, that a power of attorney for this purpose which is already on file with the Commission may be incorporated by reference. The name and any title of each person who signs the statement shall be typed or printed beneath his signature.

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (see 18 U.S.C. 1001).

Exhibit A

Subsidiary

BlackRock Life Limited BlackRock International Limited BlackRock Advisors, LLC BlackRock (Netherlands) B.V. BlackRock Institutional Trust Company, National Association BlackRock Asset Management Ireland Limited BlackRock Financial Management, Inc. BlackRock Japan Co., Ltd. BlackRock Asset Management Schweiz AG BlackRock Investment Management, LLC BlackRock Investment Management (UK) Limited BlackRock Asset Management Canada Limited BlackRock (Luxembourg) S.A. BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Fund Advisors BlackRock (Singapore) Limited

*Entity beneficially owns 5% or greater of the outstanding shares of the security class being reported on this Schedule 13G. Exhibit B

POWER OF ATTORNEY

The undersigned, BLACKROCK, INC., a corporation duly organized under the laws of the State of Delaware, United States (the "Company"), does hereby make, constitute and appoint each of Matthew Mallow, Chris Meade, Howard Surloff, Dan Waltcher, Georgina Fogo, Charles Park, Enda McMahon, Carsten Otto, Con Tzatzakis, Karen Clark, Andrew Crain, Herm Howerton, David Maryles, Daniel Ronnen, John Stelley, John Ardley, Maureen Gleeson and Spencer Fleming acting severally, as its true and lawful attorneys-in-fact, for the purpose of, from time to time, executing in its name and on its behalf, whether the Company is acting individually or as representative of others, any and all documents, certificates, instruments, statements, other filings and amendments to the foregoing (collectively, "documents") determined by such person to be necessary or appropriate to comply with ownership or control-person reporting requirements imposed by any United States or non-United States governmental or regulatory authority, Including without limitation Forms 3, 4, 5, 13D, 13F, 13G and 13H and any amendments to any of the Foregoing as may be required to be filed with $\bar{\text{the}}$ Securities and Exchange Commission, and delivering, furnishing or filing any such documents with the appropriate governmental, regulatory authority or other person, and giving and granting to each such

attorney-in-fact power and authority to act in the premises as fully and to all intents and purposes as the Company might or could do if personally present by one of its authorized signatories, hereby ratifying and confirming all that said attorney-in-fact shall lawfully do or cause to be done by virtue hereof. Any such determination by an attorney-in-fact named herein shall be conclusively evidenced by such person's execution, delivery, furnishing or filing of the applicable document.

This power of attorney shall expressly revoke the power of attorney dated 1st day of October, 2015 in respect of the subject matter hereof, shall be valid from the date hereof and shall remain in full force and effect until either revoked in writing by the Company, or, in respect of any attorney-in-fact named herein, until such person ceases to be an employee of the Company or one of its affiliates.

IN WITNESS WHEREOF, the undersigned has caused this power of attorney to be executed as of this 8th day of December, 2015.

BLACKROCK, INC.

By: /s/ Chris Jones Name: Chris Jones Title: Chief Investment Officer



PORTLAND GENERAL ELECTRIC CO / OR/

Filed by VANGUARD GROUP INC

FORM SC 13G/A (Amended Statement of Ownership)

Filed 02/12/18

Address 121 SW SALMON ST

1WTC0501

PORTLAND, OR, 97204

Telephone 5034647779

CIK 0000784977

Symbol POR

SIC Code 4911 - Electric Services

Industry Electric Utilities

Sector Utilities

Fiscal Year 12/31

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Schedule 13G

Under the Securities Exchange Act of 1934 (Amendment No.: 7)*

Name of issuer:	Portland	General	Electric	Co

Title of Class of Securities: Common Stock

CUSIP Number: 736508847

Date of Event Which Requires Filing of this Statement: December 31, 2017

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

(X) Rule 13d-1(b)

- () Rule 13d-1(c)
- () Rule 13d-1(d)

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

(Continued on the following page(s))

^{*}The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

CUSIP No.: 736508847					
1. NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON					
The Vanguard Group - 23-1945930					
2. CHECK THE APPROPRIATE [LINE] IF A MEMBER OF A GR	2. CHECK THE APPROPRIATE [LINE] IF A MEMBER OF A GROUP				
A.	В. <u>Х</u>				
3. SEC USE ONLY					
4. CITIZENSHIP OF PLACE OF ORGANIZATION					
Pennsylvania					
(For questions 5-8, report the number of shares beneficially owned by	y each reporting person with:)				
5. SOLE VOTING POWER					
113,247					
6. SHARED VOTING POWER					
29,700					
7. SOLE DISPOSITIVE POWER					
7,940,933					
8. SHARED DISPOSITIVE POWER					
120,270					
9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH	H REPORTING PERSON				
8,061,203					
10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) I	EXCLUDES CERTAIN SHARES				
N/A					
11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN RO	w 9				

9.04%

ΙA

12. TYPE OF REPORTING PERSON

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G Under the Securities Act of 1934

Check the following [line] if a fee is being paid with this statement N/A

<u>Item 4 - Ownership:</u>

(b) Percent of Class:

8,061,203

9.04%

(a) Amount Beneficially Owned:

Item 1(a) - Name of Issuer: Portland General Electric Co Item 1(b) - Address of Issuer's Principal Executive Offices: 121 Sw Salmon Street Portland, Oregon 97204 Item 2(a) - Name of Person Filing: The Vanguard Group - 23-1945930 <u>Item 2(b) – Address of Principal Business Office or, if none, residence:</u> 100 Vanguard Blvd. Malvern, PA 19355 <u>Item 2(c) – Citizenship:</u> Pennsylvania Item 2(d) - Title of Class of Securities: Common Stock Item 2(e) - CUSIP Number 736508847 Item 3 - Type of Filing:

This statement is being filed pursuant to Rule 13d-1. An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E).

(c) Number of shares as to which such person has:

(i) sole power to vote or direct to vote: 113,247

(ii) shared power to vote or direct to vote: 29,700

(iii) sole power to dispose of or to direct the disposition of: 7,940,933

(iv) shared power to dispose or to direct the disposition of: 120,270

Comments:

Item 5 - Ownership of Five Percent or Less of a Class:

Not Applicable

Item 6 - Ownership of More Than Five Percent on Behalf of Another Person:

Not applicable

Item 7 - Identification and Classification of the Subsidiary Which Acquired The Security Being Reported on by the Parent Holding Company:

See Attached Appendix A

<u>Item 8 - Identification and Classification of Members of Group:</u>

Not applicable

Item 9 - Notice of Dissolution of Group:

Not applicable

Item 10 - Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purpose or effect.

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: 02/07/2018

By <u>/s/ Christine M. Buchanan</u> Name: Christine M. Buchanan

Title: Principal

Appendix A

Vanguard Fiduciary Trust Company ("VFTC"), a wholly-owned subsidiary of The Vanguard Group, Inc., is the beneficial owner of 90,570 shares or .10% of the Common Stock outstanding of the Company as a result of its serving as investment manager of collective trust accounts.

Vanguard Investments Australia, Ltd. ("VIA"), a wholly-owned subsidiary of The Vanguard Group, Inc., is the beneficial owner of 52,377 shares or .05% of the Common Stock outstanding of the Company as a result of its serving as investment manager of Australian investment offerings.