# BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

The Office of the Public Counsel and	)
Midwest Energy Consumers Group,	)
Complainants,	) Case No. EC-2019-0200
V.	)
KCP&L Greater Missouri Operations	)
Company,	)
Respondent.	)

## KCP&L GREATER MISSOURI OPERATIONS COMPANY'S VERIFIED SUPPLEMENTAL NOTICE OF ADVERSE MARKET RESPONSE

**COMES NOW,** KCP&L Greater Missouri Operations Company ("GMO")<sup>1</sup> and for its notice of adverse market response respectfully states as follows:

- 1. The Commission discussed this matter in its public agenda session on October 9, 2019, at approximately 10:30 a.m. Central Daylight Time ("CDT"). At about that time, three commissioners had indicated their intent to support an order granting the accounting authority order requested by the Office of the Public Counsel ("OPC") and the Midwest Energy Consumers Group ("MECG").
- 2. On October 10, 2019, GMO filed a *Verified Notice of Adverse Market Response* ("Notice") in this docket.
- 3. Both during the hearing of this matter, and in its recently filed Notice, GMO advised the Commission that issuance of the AAO requested by OPC and MECG would likely cause the investment community to question the fairness of Missouri regulation.

1

<sup>&</sup>lt;sup>1</sup> Effective October 7, 2019, Evergy Missouri West, Inc. d/b/a Evergy Missouri West adopted the service territory and tariffs of GMO. However, since this docket was initially filed using the GMO name, GMO will be used in this document.

- 4. That the investment community is now questioning the fairness of Missouri regulation is further evidenced by events occurring subsequent to the filing of GMO's Notice, towit:
  - Overnight on October 10-11, 2019, Bank of America Merrill Lynch ("BAML") issued the following advisory:

#### EVRG: Requesting delay of Sibley vote citing mkt impact

EVRG subsidiary Greater Missouri Operations (GMO) docketed a response to Wednesday's non-binding commission vote which indicated 3-2 support for granting the accounting authority order (AAO) which would require EVRG to refund to customers costs associated with the retired Sibley units, see our note downgrading EVRG to Neutral from Buy. The filing requests that the commission delay issuing an order in the Sibley matter and schedule additional hearings "considering the impact of the Commission's decision herein on perceptions of the investment community on the fairness of Missouri regulation and continued access of investor-owned utilities with Missouri operations to the capital markets on reasonable terms." The EVRG filing attributes the ~2% decline in following the company's shares the vote to market participants questioning of the fairness of Missouri regulation. We continue to see the market reaction as predicated on the expectation of a Sibley outcome in EVRG's favor, based in part on supportive staff briefs filed in September as well as optimistic messaging from the company. Nevertheless, today's filing bolsters our confidence that EVRG will not pursue its contemplated incremental (up to \$850m prior to the next case filing in mid '22) of PISA capex spend in Missouri in the near term given that the company clearly expresses skepticism in the fairness and reliability of the state's regulatory regime. We think investors had largely come to expect the addition of up to \$850m in capex, and the market reaction to the Sibley vote represented a reset of those expectations along with incorporating into estimates the financial impact of the customer refund. We continue to see mgmt. electing to continue its share buyback program in the interim. Reiterate Neutral and \$67 PO on ongoing regulatory uncertainty in Missouri. (See Attachment E)

On October 11, 2019, Moody's Investor Services ("Moody's") released an Issuer
 Comment, stating in part:

On 9 October, the Missouri Public Service Commission (MOPSC) expressed its intention in a non-binding vote to defer operations and maintenance (O&M) cost savings from the Sibley coal plant's (Sibley) early retirement in 2019 and passing along the savings to customers. If the MOPSC final and non-binding vote remains in favor of deferring savings, it would be credit negative for Evergy, Inc's (Evergy Baa2 stable) KCP&L Greater Missouri Operations Company (GMO, Baa2 stable) because it's an indication that the company and its regulators are not on the same page. **Attachment F**)

- 5. While Evergy's share price has gained some of the ground it lost relative to the overall utility sector on October 9 and 10, 2019, this does nothing to change either the Moody's Issuer Comment or BAML's revised guidance - announced on October 11 and 10, 2019, respectively - which reduced its Evergy stock purchase recommendation, from "Buy" to "Neutral", and also reduced Evergy's projected share price by \$4. See Attachment D, page 1, to the Notice filed on October 10, 2019, and Attachment E, attached herewith. Unless changed again, this revised guidance by Moody's and BAML will continue into the future.
- 6. A Commission order granting the accounting authority order ("AAO") requested by OPC and MECG would not only serve to reduce GMO's actual earnings by \$30-39 million per year according to the estimates of OPC and MECG which would reduce GMO's return on equity to a range of 5.69 – 6.32%, but would also strongly indicate that GMO's ability to obtain return of and return on its investment in Sibley in the future is at risk. That the Commission would consider taking action with such extreme consequences on the basis of a plant retirement the plans for which had been publicly announced on June 2,  $2017^3$  – more than twelve months in advance of the June 30, 2018, conclusion of the rate case true-up period at which time that plant was fully operational and thus qualified under long-standing Commission precedent for inclusion in rates –

<sup>&</sup>lt;sup>2</sup> <u>See</u> Ex. 24, Ives Rebuttal, p. 28.
<sup>3</sup> <u>See</u> Ex. 24, Ives Rebuttal, p. 11.

represents an abrupt and retroactive about-face that would give rise to legitimate questions about the fairness of Missouri regulation to any rational investor.

**WHEREFORE,** GMO respectfully requests that the Commission consider this supplemental notice of adverse market response, announce that it is delaying the issuance of its order herein and undertake further proceedings as described in Paragraph 7 of its original Notice.

Respectfully submitted,

## |s| Robert J. Hack

Robert J. Hack, MBN 36496 Roger W. Steiner, MBN 39586 Kansas City Power & Light Company 1200 Main Street Kansas City, MO 64105 Phone: (816) 556-2791 rob.hack@evergy.com roger.steiner@evergy.com

Karl Zobrist, MBN 28325 Dentons US LLP 4520 Main Street, Suite 1100 Kansas City, MO 64111 Phone: (816) 460-2400 Fax: (816) 531-7545

karl.zobrist@dentons.com

James M. Fischer, MBN 27543 Fischer & Dority, P.C. 101 Madison Street, Suite 400 Jefferson City, MO 65101 Phone: (573) 636-6758 ext. 1 Fax: (573) 636-0383

jfischerpc@aol.com

**Operations Company** 

Attorneys for KCP&L Greater Missouri

I do hereby certify that a true and correct copy of the foregoing document has been handdelivered, emailed or mailed, postage prepaid, to all parties of record this 15<sup>th</sup> day of October 2019.

**CERTIFICATE OF SERVICE** 

## |s| Robert J. Hack

Attorney for KCP&L Greater Missouri Operations Company

#### **VERIFICATION**

STATE OF MISSOURI	)
	) ss
COUNTY OF JACKSON	)

Darrin R. Ives, being first duly sworn, on his oath and in his capacity as Vice President, Regulatory Affairs, states that he is authorized to execute on behalf of KCP&L Greater Missouri Operations Company the foregoing document, and has knowledge of the matters stated in this application, and that said matters are true and correct to the best of his knowledge and belief.

Darrin R. Ives

Subscribed and sworn to before me this 15<sup>th</sup> day of October 2019.

My Commission Expires: 4/26/2021

ANTHONY R WESTENKIRCHNER
Notary Public, Notary Seal
State of Missouri
Platte County
Commission # 17279952
My Commission Expires April 26, 2021

# Midweek PPTS: PCG Feedback, EVRG Response, XEL's EVs in XEL

**Industry Overview** 

# Bank of America Merrill Lynch

Equity | 11 October 2019

United States Electric Utilities

**Julien Dumoulin-Smith** Research Analyst

BofAS +1 646 855 5855 iulien.dumoulin-smith@bofa.com

Richard Ciciarelli, CFA Research Analyst BofAS +1 646 855 1861 richard.ciciarelli@bofa.com

Alex Morgan Research Analyst BofAS

BofAS +1 646 855 2109 alex.morgan@bofa.com

Anya Shelekhin Research Analyst BofAS +1 646 855 3753 anya.shelekhin@bofa.com

Research Analyst BofAS +1 646 855 2681 aric.li@bofa.com

Ryan Greenwald Research Analyst BofAS +1 646 556 2882 ryan.greenwald@bofa.com

Dariusz Lozny, CFA Research Analyst BofAS +1 646 743 2122 dariusz.lozny@bofa.com

PISA: Plant in Service Accounting

## PCG: That sinking feeling? Negotiation & Process

As PG&E investors reacted to the loss of exclusivity, the debate has shifted from simply that of improved leverage from victims over equity towards process considerations. Given the judges emphasis on timely exit from bankruptcy, much of the conversation has centered on the estimation process for non-Tubbs claims. Investor debate appears fixated on whether attempts to accelerate the process by forgoing this estimation process in favor of the victims arrangement have driven the most substantive fears. We also note a growing perception that financing backstop by equity to fund greater payouts to victims remains a greater focus around claims too. Bottom line, we see ongoing concerns around risk of a greater payout, as well as other considerations in process alluded by the judge. Critically, we still do not perceive any progress from PG&E on any victims arrangement (and hence likely few substantive data points by the next update this Fall). Meanwhile success in minimizing wildfires through the latest season thru an ambitious de-energization process (albeit with some political push back) should relieve concerns around further fires in the current fire season for both PG&E, but in particular EIX. Reaction to the fires by Gov Newsom in particular (originally supportive) are critically important given the potential for public patience to wane. We also look for updates in coming weeks on 3Q calls on order trends from a variety of distributed solar players as well as our peers' coverage of GNRC (Ross Gildardi), as we see deenergization driven rolling outages remaining quite constructive for DG solar players (see here. We maintain our no rating on shares given the CH. 11 bankruptcy proceeding. PG&E Corporation: Move Over: Losing Control of the Exclusivity

## **EVRG:** Requesting delay of Sibley vote citing mkt impact

EVRG subsidiary Greater Missouri Operations (GMO) docketed a response to Wednesday's non-binding commission vote which indicated 3-2 support for granting the accounting authority order (AAO) which would require EVRG to refund to customers costs associated with the retired Sibley units, see our note downgrading EVRG to Neutral from Buy. The filing requests that the commission delay issuing an order in the Sibley matter and schedule additional hearings "considering the impact of the Commission's decision herein on perceptions of the investment community on the fairness of Missouri regulation and continued access of investor-owned utilities with Missouri operations to the capital markets on reasonable terms." The EVRG filing attributes the ~2% decline in the company's shares following the vote to market participants questioning of the fairness of Missouri regulation. We continue to see the market reaction as predicated on the expectation of a Sibley outcome in EVRG's favor, based in part on supportive staff briefs filed in September as well as optimistic messaging from the company. Nevertheless, today's filing bolsters our confidence that EVRG will not pursue its contemplated incremental (up to \$850m prior to the next case filing in mid '22) of PISA capex spend in Missouri in the near term given that the company clearly expresses skepticism in the fairness and reliability of the state's regulatory regime. We think investors had largely come to expect the addition of up to \$850m in capex, and the market reaction to the Sibley vote represented a reset of those expectations along with incorporating into estimates the financial impact of the customer refund. We continue to see mgmt. electing to continue its share buyback program in the interim. Reiterate Neutral and \$67 PO on ongoing regulatory uncertainty in Missouri.

BofA Merrill Lynch does and seeks to do business with issuers covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

Refer to important disclosures on page 5 to 7. Analyst Certification on page 2. Price Objective Basis/Risk on page 2.

Timestamp: 11 October 2019 05:25AM EDT

#### XEL: MN PUC keep EV pilot programs

Xcel Energy's pilot program for installing and owning Electric Vehicle (EV) charging infrastructure was proposed roughly a year ago and originally approved by the Minnesota Public Utilities Commission (PUC); the pilot included 700 EV charging ports for fleet operators & 350 ports for public/community charging. However, the program received pushback from oil and manufacturing groups, which amounted to an August petition to overturn the 'unlawful' program. We note the PUC upheld its initial approval, pointing to unpersuasive and incorrect reasoning. We see the result positively for XEL, but expect that in future programs beyond the initial pilot the company will again face pushback.

### Price objective basis & risk

#### Evergy, Inc (EVRG)

Our \$67 price objective for EVRG shares is based on sum of the parts valuation, applying an in-line utility peer 2022E P/E of 19.2x. Electric peer P/E multiple is grossed up for a year to 2020 by 5% to reflect capital appreciation across the sector. We further apply a -0.5x turn discount to the Missouri jurisdiction to account for regulatory risk.

Downside risks to our price objective are adverse regulatory outcomes in rate cases, higher interest rate environments, adverse and unexpected risks associated with operating a nuclear facility.

### **Analyst Certification**

I, Julien Dumoulin-Smith, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

#### North American Utilities, Alternative Energy & LNG Coverage Cluster

		BofA Merrill Lynd	h	
Investment rating	Company	ticker	Bloomberg symbol	Analyst
BUY				
	Alliant Energy Corporation	LNT	LNT US	Julien Dumoulin-Smith
	AltaGas	YALA	ALA CN	Julien Dumoulin-Smith
	AltaGas Canada	YACI	ACICN	Julien Dumoulin-Smith
	Ameren Corporation	AEE	AEE US	Julien Dumoulin-Smith
	American Electric Power	AEP	AEP US	Julien Dumoulin-Smith
	Aqua America	WTR	WTR US	Julien Dumoulin-Smith
	Atlantica Yield	AY	AYUS	Julien Dumoulin-Smith
	Black Hills Corporation	BKH	BKHUS	Julien Dumoulin-Smith
	CenterPoint Energy	CNP	CNPUS	Julien Dumoulin-Smith
	Cheniere Energy Inc	LNG	LNG US	Julien Dumoulin-Smith
	Clearw ay Energy	CWENA	CWEN/A US	Julien Dumoulin-Smith
	Clearw ay Energy	CWEN	CWEN US	Julien Dumoulin-Smith
	CMS Energy	CMS	CMSUS	Julien Dumoulin-Smith
	Consolidated Edison	ED	ED US	Julien Dumoulin-Smith
	Emera Inc	YEMA	EMA CN	Julien Dumoulin-Smith
	Entergy	ETR	ETR US	Julien Dumoulin-Smith
	Exelon	EXC	EXC US	Julien Dumoulin-Smith
	First Solar, Inc.	FSLR	FSLR US	Julien Dumoulin-Smith
	FirstEnergy	FE	FE US	Julien Dumoulin-Smith
	Fortis	YFTS	FTS CN	Julien Dumoulin-Smith
	Fortis Inc	FTS	FTSUS	Julien Dumoulin-Smith
	Nex tEra Energy	NEE	NEE US	Julien Dumoulin-Smith
	NRG Energy	NRG	NRG US	Julien Dumoulin-Smith
	OGE Energy Corp	OGE	OGE US	Julien Dumoulin-Smith
	Pinnacle West	PNW	PNWUS	Julien Dumoulin-Smith
	PNM Resources Inc.	PNM	PNM US	Julien Dumoulin-Smith
	Sunnov a Energy	NOVA	NOVA US	Julien Dumoulin-Smith
	SunRun	RUN	RUN US	Julien Dumoulin-Smith
	Vivint Solar	VSLR	VSLR US	Julien Dumoulin-Smith
IEUTRAL	VIVIII Goldi	VOLIT	VOLITOO	duich Burnouin-Grint
TEOTICAL	AES	AES	AES US	Julien Dumoulin-Smith
	Dominion Energy	D	DUS	Julien Dumoulin-Smith
	Edison International	EIX	EIX US	Julien Dumoulin-Smith
	Evergy, Inc	EVRG	EVRG US	Julien Dumoulin-Smith
	Hannon Armstrong	HASI	HASI US	Julien Dumoulin-Smith
	•			Julien Dumoulin-Smith
	NextDecade	NEXT	NEXT US	
	Nex tEra Energy Partners	NEP	NEP US	Julien Dumoulin-Smith
	NiSource Inc	NI	NIUS	Julien Dumoulin-Smith
	Pattern Energy Group	PEGI	PEGIUS	Julien Dumoulin-Smith
	Portland General Electric Company	POR	POR US	Julien Dumoulin-Smith
	PPL Corporation	PPL	PPL US	Julien Dumoulin-Smith
	Public Service Enterprise Group	PEG	PEG US	Julien Dumoulin-Smith
	Sempra Energy	SRE	SRE US	Julien Dumoulin-Smith
	Southern Company	SO	SOUS	Julien Dumoulin-Smith
	Tellurian Inc	TELL	TELL US	Julien Dumoulin-Smith
	Victor Consum.	VCT	VST US	Julien Dumoulin-Smith
	Vistra Energy	VST	VO1 00	
NDERPERFORM	vistra Energy	VSI	VOT 00	
NDERPERFORM	American Water Works	AWK	AWK US	Julien Dumoulin-Smith
NDERPERFORM	American Water Works			Julien Dumoulin-Smith Julien Dumoulin-Smith
NDERPERFORM		AWK AGR	AWK US	Julien Dumoulin-Smith
NDERPERFORM	American Water Works Av angrid Av ista	AWK	AWK US AGR US	
NDERPERFORM	American Water Works Av angrid Av ista Bloom Energy	AWK AGR AVA BE	AWK US AGR US AVA US BE US	Julien Dumoulin-Smith Richard Ciciarelli, CFA Julien Dumoulin-Smith
NDERPERFORM	American Water Works Av angrid Av ista Bloom Energy DTE Energy	AWK AGR AVA BE DTE	AWK US AGR US AVA US BE US DTE US	Julien Dumoulin-Smith Richard Ciciarelli, CFA Julien Dumoulin-Smith Julien Dumoulin-Smith
NDERPERFORM	American Water Works Av angrid Av ista Bloom Energy DTE Energy Duke Energy	AWK AGR AVA BE DTE DUK	AWK US AGR US AVA US BE US DTE US DUK US	Julien Dumoulin-Smith Richard Ciciarelli, CFA Julien Dumoulin-Smith Julien Dumoulin-Smith Julien Dumoulin-Smith
NDERPERFORM	American Water Works Av angrid Av ista Bloom Energy DTE Energy Duke Energy Ev ersource Energy	AWK AGR AVA BE DTE DUK ES	AWK US AGR US AVA US BE US DTE US DUK US ES US	Julien Dumoulin-Smith Richard Ciciarelli, CFA Julien Dumoulin-Smith Julien Dumoulin-Smith Julien Dumoulin-Smith Julien Dumoulin-Smith
INDERPERFORM	American Water Works Av angrid Av ista Bloom Energy DTE Energy Duke Energy Ev ersource Energy Haw aiian Electric Industries	AWK AGR AVA BE DTE DUK ES HE	AWK US AGR US AVA US BE US DTE US DUK US ES US HE US	Julien Dumoulin-Smith Richard Ciciarelli, CFA Julien Dumoulin-Smith Julien Dumoulin-Smith Julien Dumoulin-Smith Julien Dumoulin-Smith Julien Dumoulin-Smith Julien Dumoulin-Smith
NDERPERFORM	American Water Works Av angrid Av ista Bloom Energy DTE Energy Duke Energy Ev ersource Energy Haw aiian Electric Industries Idacorp	AWK AGR AVA BE DTE DUK ES HE IDA	AWK US AGR US AVA US BE US DTE US DUK US ES US HE US IDA US	Julien Dumoulin-Smith Richard Ciciarelli, CFA Julien Dumoulin-Smith
INDERPERFORM	American Water Works Av angrid Av ista Bloom Energy DTE Energy Duke Energy Ev ersource Energy Haw aiian Electric Industries Idacorp NorthWestern Corporation	AWK AGR AVA BE DTE DUK ES HE IDA NWE	AWK US AGR US AVA US BE US DTE US DUK US ES US HE US IDA US NWE US	Julien Dumoulin-Smith Richard Ciciarelli, CFA Julien Dumoulin-Smith
INDERPERFORM	American Water Works Av angrid Av ista Bloom Energy DTE Energy Duke Energy Ev ersource Energy Haw aiian Electric Industries Idacorp NorthWestern Corporation SunPow er Corp.	AWK AGR AVA BE DTE DUK ES HE IDA NWE SPWR	AWK US AGR US AVA US BE US DTE US DUK US ES US HE US IDA US SPWR US	Julien Dumoulin-Smith Richard Ciciarelli, CFA Julien Dumoulin-Smith
NDERPERFORM	American Water Works Av angrid Av ista Bloom Energy DTE Energy Duke Energy Ev ersource Energy Haw aiian Electric Industries Idacorp NorthWestern Corporation SunPower Corp. Terraform Power	AWK AGR AVA BE DTE DUK ES HE IDA NWE SPWR TERP	AWK US AGR US AVA US BE US DTE US DUK US ES US HE US IDA US NWE US SPWR US TERP US	Julien Dumoulin-Smith Richard Ciciarelli, CFA Julien Dumoulin-Smith
JNDERPERFORM	American Water Works Av angrid Av ista Bloom Energy DTE Energy Duke Energy Ev ersource Energy Haw aiian Electric Industries Idacorp NorthWestern Corporation SunPower Corp. Terraform Power Unitil Corporation	AWK AGR AVA BE DTE DUK ES HE IDA NWE SPWR TERP UTL	AWK US AGR US AVA US BE US DTE US DUK US ES US HE US IDA US NWE US SPWR US TERP US UTL US	Julien Dumoulin-Smith Richard Ciciarelli, CFA Julien Dumoulin-Smith
JNDERPERFORM	American Water Works Av angrid Av ista Bloom Energy DTE Energy Duke Energy Ev ersource Energy Haw aiian Electric Industries Idacorp NorthWestern Corporation SunPower Corp. Terraform Power	AWK AGR AVA BE DTE DUK ES HE IDA NWE SPWR TERP	AWK US AGR US AVA US BE US DTE US DUK US ES US HE US IDA US NWE US SPWR US TERP US	Julien Dumoulin-Smith Richard Ciciarelli, CFA Julien Dumoulin-Smith

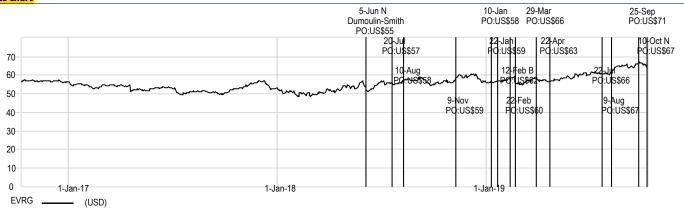
#### North American Utilities, Alternative Energy & LNG Coverage Cluster

		BotA Merrill Lynch		
Investment rating	Com pany Com pany	ticker	Bloomberg symbol	Analyst
	Algonquin Power & Utilities Corp	AQN	AQN US	Julien Dumoulin-Smith
	Algonquin Power & Utilities Corp	YAQN	AQN CN	Julien Dumoulin-Smith
	El Paso Electric Company	EE	EE US	Julien Dumoulin-Smith

## **Disclosures**

### **Important Disclosures**

#### **EVRG Price Chart**



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of September 30, 2019 or such later date as indicated.

#### Equity Investment Rating Distribution: Utilities Group (as of 30 Sep 2019)

Coverage Universe	Count	Percent	Inv. Banking Relationships*	Count	Percent
Buy	67	47.86%	Buy	51	76.12%
Hold	36	25.71%	Hold	24	66.67%
Sell	37	26.43%	Sell	26	70.27%
			•		

#### Equity Investment Rating Distribution: Global Group (as of 30 Sep 2019)

Coverage Universe	Count	Percent	Inv. Banking Relationships*	Count	Percent
Buy	1517	50.30%	Buy	964	63.55%
Hold	680	22.55%	Hold	434	63.82%
Sell	819	27.16%	Sell	408	49.82%

<sup>\*</sup> Issuers that were investment banking dients of BofA Merrill Lynch or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold, and a stock rated Underperform is included as a Sell.

FUNDAMENTAL EQUITY OPINION KEY: Opinions include a Volatility Risk Rating, an Investment Rating and an Income Rating. VOLATILITY RISK RATINGS, indicators of potential price fluctuation, are: A - Low, B - Medium and C - High. INVESTMENT RATINGS reflect the analyst's assessment of a stock's: (i) absolute total return potential and (ii) attractiveness for investment relative to other stocks within its Coverage Cluster (defined below). There are three investment ratings: 1 - Buy stocks are expected to have a total return of at least 10% and are the most attractive stocks in the coverage cluster; 2 - Neutral stocks are expected to remain flat or increase in value and are less attractive than Buy rated stocks and 3 - Underperform stocks are the least attractive stocks in a coverage cluster. Analysts assign investment ratings considering, among other things, the 0-12 month total return expectation for a stock and the firm's guidelines for ratings dispersions (shown in the table below). The current price objective for a stock should be referenced to better understand the total return expectation (depreciation).

Investment rating	Total return expectation (within 12-month period of date of initial rating)	Ratings dispersion guidelines for coverage cluster*
Buy	≥ 10%	≤ 70%
Neutral	≥ 0%	≤ 30%
Underperform	N/A	≥ 20%

<sup>\*</sup> Ratings dispersions may vary from time to time where BofA Merrill Lynch Research believes it better reflects the investment prospects of stocks in a Coverage Cluster.

INCOME RATINGS, indicators of potential cash dividends, are: 7 - same/higher (dividend considered to be secure), 8 - same/lower (dividend not considered to be secure) and 9 - pays no cash dividend. Coverage Cluster is comprised of stocks covered by a single analyst or two or more analysts sharing a common industry, sector, region or other classification(s). A stock's coverage cluster is included in the most recent BofA Merrill Lynch report referencing the stock.

Price charts for the securities referenced in this research report are available at https://pricecharts.baml.com, or call 1-800-MERRILL to have them mailed.

BofAS or one of its affiliates acts as a market maker for the equity securities recommended in the report: Evergy.

BofAS or an affiliate was a manager of a public offering of securities of this issuer within the last 12 months: Evergy.

The issuer is or was, within the last 12 months, an investment banking client of BofAS and/or one or more of its affiliates: Evergy.

BofAS or an affiliate has received compensation from the issuer for non-investment banking services or products within the past 12 months: Evergy.

The issuer is or was, within the last 12 months, a non-securities business client of BofAS and/or one or more of its affiliates: Evergy.

BofAS or an affiliate has received compensation for investment banking services from this issuer within the past 12 months: Evergy.

BofAS or an affiliate expects to receive or intends to seek compensation for investment banking services from this issuer or an affiliate of the issuer within the next three months: Evergy. BofAS or one of its affiliates is willing to sell to, or buy from, clients the common equity of the issuer on a principal basis: Evergy.

The issuer is or was, within the last 12 months, a securities business client (non-investment banking) of BofAS and/or one or more of its affiliates: Evergy.

BofA Merrill Lynch Research Personnel (including the analyst(s) responsible for this report) receive compensation based upon, among other factors, the overall profitability of Bank of America Corporation, including profits derived from investment banking. The analyst(s) responsible for this report may also receive compensation based upon, among other factors, the overall profitability of the Bank's sales and trading businesses relating to the class of securities or financial instruments for which such analyst is responsible.

#### **Other Important Disclosures**

From time to time research analysts conduct site visits of covered issuers. BofA Merrill Lynch policies prohibit research analysts from accepting payment or reimbursement for travel expenses from the issuer for such visits.

Prices are indicative and for information purposes only. Except as otherwise stated in the report, for the purpose of any recommendation in relation to: (i) an equity security, the price referenced is the publicly traded price of the security as of close of business on the day prior to the date of the report or, if the report is published during intraday trading, the price referenced is indicative of the traded price as of the date and time of the report; or (ii) a debt security (including equity preferred and CDS), prices are indicative as of the date and time of the report and are from various sources including Bank of America Merrill Lynch trading desks.

The date and time of completion of the production of any recommendation in this report shall be the date and time of dissemination of this report as recorded in the report timestamp.

Recipients who are not institutional investors or market professionals should seek the advice of their independent financial advisor before considering information in this report in connection with any investment decision, or for a necessary explanation of its contents.

Officers of BofAS or one or more of its affiliates (other than research analysts) may have a financial interest in securities of the issuer(s) or in related investments.

BofA Merrill Lynch Global Research policies relating to conflicts of interest are described at https://rsch.baml.com/coi

"BofA Merrill Lynch" includes BofA Securities, Inc. ("BofAS"), Merrill Lynch, Pierce, Fenner & Smith Incorporated ("MLPF&S") and its affiliates. Investors should contact their BofA Merrill Lynch representative or Merrill Lynch Global Wealth Management financial advisor if they have questions concerning this report or concerning the appropriateness of any investment idea described herein for such investor. "BofA Merrill Lynch" and "Merrill Lynch" are each global brands for BofA Merrill Lynch Global Research. Information relating to Non-US affiliates of BofA Merrill Lynch and Distribution of Affiliate Research Reports:

BofAS and/or MLPF&S or may in the future distribute, information of the following non-US affiliates in the US (short name: legal name, regulator): Merrill Lynch (South Africa): Merrill Lynch South Africa (Pty) Ltd., regulated by The Financial Service Board; MLI (UK): Merrill Lynch International, regulated by the Financial Conduct Authority (FCA) and the Prudential Regulation Authority (PRA); BofASE (France): BofA Securities Europe SA is authorized by the Autorité de Contrôle Prudentiel et de Résolution (ACPR) and regulated by the ACPR and the Autorité des Marchés Financiers (AMF); BAMLI DAC (Milan): Bank of America Merrill Lynch International DAC, Milan Branch, regulated by the Bank of Italy, the European Central Bank (ECB) and the Central Bank of Ireland (CBI); Merrill Lynch (Australia): Merrill Lynch (ED); Merrill Lynch (CB); Merrill Lynch (Singapore): Merrill Lynch (Singapore) Pte Ltd, regulated by the Monetary Authority of Singapore (MAS); Merrill Lynch (Canada): Merrill Lynch Canada): Merrill Lynch (Mexico): M

This information: has been approved for publication and is distributed in the United Kingdom (UK) to professional clients and eligible counterparties (as each is defined in the rules of the FCA and the PRA) by MLI (UK), which is authorized by the PRA and regulated by the FCA and the PRA - details about the extent of our regulation by the FCA and PRA are available from us on request; has been approved for publication and is distributed in the European Economic Area (EEA) by BofASE (France), which is authorized by the ACPR and regulated by the ACPR and the AMF; has been considered and distributed in Japan by Merrill Lynch (Japan), a registered securities dealer under the Financial Instruments and Exchange Act in Japan, or its permitted affiliates; is issued and distributed in Hong Kong by Merrill Lynch (Hong Kong) which is regulated by HKSFC; is issued and distributed in Taiwan by Merrill Lynch (Taiwan); is issued and distributed in India by DSP Merrill Lynch (India); and is issued and distributed in Singapore to institutional investors and/or accredited investors (each as defined under the Financial Advisers Regulations) by Merrill Lynch (Singapore) (Company Registration No 198602883D). Merrill Lynch (Singapore) is regulated by MAS. Bank of America N.A., Australian Branch (ARBN 064 874 531), AFS License 412901 (BÁNA Australia) and Merrill Lynch Equities (Australia) Limited (ABN 65 006 276 795), AFS License 235132 (MLEA) distribute this information in Australia only to 'Wholesale' clients as defined by s.761G of the Corporations Act 2001. With the exception of BANA Australia, neither MLEA nor any of its affiliates involved in preparing this information is an Authorised Deposit-Taking Institution under the Banking Act 1959 nor regulated by the Australian Prudential Regulation Authority. No approval is required for publication or distribution of this information in Brazil and its local distribution is by Merrill Lynch (Brazil) in accordance with applicable regulations. Merrill Lynch (DIFC) is authorized and regulated by the DFSA. Information prepared and issued by Merrill Lynch (DIFC) is done so in accordance with the requirements of the DFSA conduct of business rules. Bank of America Merrill Lynch International DAC, Frankfurt Branch (BAMLI DAC (Frankfurt)) distributes this information in Germany and is regulated by BaFin, the ECB and the CBI. BofA Merrill Lynch entities, including BAMLI DAC and BofASE(France), may outsource/delegate the marketing and/or provision of certain research services or aspects of research services to other branches or members of the BofA Merrill Lynch group. You may be contacted by a different BofA Merrill Lynch entity acting for and on behalf of your service provider where permitted by applicable law. This does not change your service provider. Please use this link http://www.bankofamerica.com/emaildisclaimer for further information.

This information has been prepared and issued by BofAS and/or one or more of its non-US affiliates. The author(s) of this information may not be licensed to carry on regulated activities in your jurisdiction and, if not licensed, do not hold themselves out as being able to do so. BofAS and/or MLPF&S is the distributor of this information in the US and accepts full responsibility for information distributed to BofAS and/or MLPF&S clients in the US by its non-US affiliates. Any US person receiving this information and wishing to effect any transaction in any security discussed herein should do so through BofAS and/or MLPF&S and not such foreign affiliates. Hong Kong recipients of this information should contact Merrill Lynch (Asia Pacific) Limited in respect of any matters relating to dealing in securities or provision of specific advice on securities or any other matters arising from, or in connection with, this information. Singapore recipients of this information should contact Merrill Lynch (Singapore) Pte Ltd in respect of any matters arising from, or in connection with, this information.

#### General Investment Related Disclosures:

Taiwan Readers: Neither the information nor any opinion expressed herein constitutes an offer or a solicitation of an offer to transact in any securities or other financial instrument. No part of this report may be used or reproduced or quoted in any manner whatsoever in Taiwan by the press or any other person without the express written consent of BofA Merrill Lynch. This document provides general information only, and has been prepared for, and is intended for general distribution to, BofA Merrill Lynch clients. Neither the information nor any opinion expressed constitutes an offer or an invitation to make an offer, to buy or sell any securities or other financial instrument or any derivative related to such securities or instruments (e.g., options, futures, warrants, and contracts for differences). This document is not intended to provide personal investment advice and it does not take into account the specific investment objectives, financial situation and the particular needs of, and is not directed to, any specific person(s). This document and its content do not constitute, and should not be considered to constitute, investment advice for purposes of ERISA, the US tax code, the Investment Advisers Act or otherwise. Investors should seek financial advice regarding the appropriateness of investing in financial instruments and implementing investment strategies discussed or recommended in this document and should understand that statements regarding future prospects may not be realized. Any decision to purchase or subscribe for securities in any offering must be based solely on existing public information on such security or the information in the prospectus or other offering document issued in connection with such offering, and not on this document.



Securities and other financial instruments referred to herein, or recommended, offered or sold by BofA Merrill Lynch, are not insured by the Federal Deposit Insurance Corporation and are not deposits or other obligations of any insured depository institution (including, Bank of America, N.A.). Investments in general and, derivatives, in particular, involve numerous risks, including, among others, market risk, counterparty default risk and liquidity risk. No security, financial instrument or derivative is suitable for all investors. In some cases, securities and other financial instruments may be difficult to value or sell and reliable information about the value or risks related to the security or financial instrument may be difficult to obtain. Investors should note that income from such securities and other financial instruments, if any, may fluctuate and that price or value of such securities and instruments may rise or fall and, in some cases, investors may lose their entire principal investment. Past performance is not necessarily a guide to future performance. Levels and basis for taxation may change.

This report may contain a short-term trading idea or recommendation, which highlights a specific near-term catalyst or event impacting the issuer or the market that is anticipated to have a short-term price impact on the equity securities of the issuer. Short-term trading ideas and recommendations are different from and do not affect a stock's fundamental equity rating, which reflects both a longer term total return expectation and attractiveness for investment relative to other stocks within its Coverage Cluster. Short-term trading ideas and recommendations may be more or less positive than a stock's fundamental equity rating.

BofA Merrill Lynch is aware that the implementation of the ideas expressed in this report may depend upon an investor's ability to "short" securities or other financial instruments and that such action may be limited by regulations prohibiting or restricting "shortselling" in many jurisdictions. Investors are urged to seek advice regarding the applicability of such regulations prior to executing any short idea contained in this report.

Foreign currency rates of exchange may adversely affect the value, price or income of any security or financial instrument mentioned herein. Investors in such securities and instruments, including ADRs, effectively assume currency risk.

UK Readers: The protections provided by the U.K. regulatory regime, including the Financial Services Scheme, do not apply in general to business coordinated by BofA Merrill Lynch entities located outside of the United Kingdom.

BofAS or one of its affiliates is a regular issuer of traded financial instruments linked to securities that may have been recommended in this report. BofAS or one of its affiliates may, at any time, hold a trading position (long or short) in the securities and financial instruments discussed in this report.

BofA Merrill Lynch, through business units other than BofA Merrill Lynch Global Research, may have issued and may in the future issue trading ideas or recommendations that are inconsistent with, and reach different conclusions from, the information presented herein. Such ideas or recommendations may reflect different time frames, assumptions, views and analytical methods of the persons who prepared them, and BofA Merrill Lynch is under no obligation to ensure that such other trading ideas or recommendations are brought to the attention of any recipient of this information.

In the event that the recipient received this information pursuant to a contract between the recipient and BofAS for the provision of research services for a separate fee, and in connection therewith BofAS may be deemed to be acting as an investment adviser, such status relates, if at all, solely to the person with whom BofAS has contracted directly and does not extend beyond the delivery of this report (unless otherwise agreed specifically in writing by BofAS If such recipient uses the services of BofAS in connection with the sale or purchase of a security referred to herein, BofAS may act as principal for its own account or as agent for another person. BofAS is and continues to act solely as a broker-dealer in connection with the execution of any transactions, including transactions in any securities referred to herein.

#### Copyright and General Information:

Copyright 2019 Bank of America Corporation. All rights reserved. iQprofiles, iQmethod are service marks of Bank of America Corporation. iQdatabase is a registered service mark of Bank of America Corporation. This information is prepared for the use of BofA Merrill Lynch clients and may not be redistributed, retransmitted or disclosed, in whole or in part, or in any form or manner, without the express written consent of BofA Merrill Lynch. BofA Merrill Lynch Global Research information is distributed simultaneously to internal and client websites and other portals by BofA Merrill Lynch and is not publicly-available material. Any unauthorized use or disclosure is prohibited. Receipt and review of this information constitutes your agreement not to redistribute, retransmit, or disclose to others the contents, opinions, conclusion, or information contained herein (including any investment recommendations, estimates or price targets) without first obtaining express permission from an authorized officer of BofA Merrill Lynch.

Materials prepared by BofA Merrill Lynch Global Research personnel are based on public information. Facts and views presented in this material have not been reviewed by, and may not reflect information known to, professionals in other business areas of BofA Merrill Lynch, including investment banking personnel. BofA Merrill Lynch has established information barriers between BofA Merrill Lynch Global Research and certain business groups. As a result, BofA Merrill Lynch does not disclose certain client relationships with, or compensation received from, such issuers. To the extent this material discusses any legal proceeding or issues, it has not been prepared as nor is it intended to express any legal conclusion, opinion or advice. Investors should consult their own legal advisers as to issues of law relating to the subject matter of this material. BofA Merrill Lynch Global Research personnel's knowledge of legal proceedings in which any BofA Merrill Lynch entity and/or its directors, officers and employees may be plaintiffs, defendants, co-defendants or co-plaintiffs with or involving issuers mentioned in this material is based on public information. Facts and views presented in this material that relate to any such proceedings have not been reviewed by, discussed with, and may not reflect information known to, professionals in other business areas of BofA Merrill Lynch in connection with the legal proceedings or matters relevant to such proceedings.

This information has been prepared independently of any issuer of securities mentioned herein and not in connection with any proposed offering of securities or as agent of any securities. None of BofAS any of its affiliates or their research analysts has any authority whatsoever to make any representation or warranty on behalf of the issuer(s). BofA Merrill Lynch Global Research policy prohibits research personnel from disclosing a recommendation, investment rating, or investment thesis for review by an issuer prior to the publication of a research report containing such rating, recommendation or investment thesis.

Any information relating to the tax status of financial instruments discussed herein is not intended to provide tax advice or to be used by anyone to provide tax advice. Investors are urged to seek tax advice based on their particular circumstances from an independent tax professional.

The information herein (other than disclosure information relating to BofA Merrill Lynch and its affiliates) was obtained from various sources and we do not guarantee its accuracy. This information may contain links to third-party websites. BofA Merrill Lynch is not responsible for the content of any third-party website or any linked content contained in a third-party website. Content contained on such third-party websites is not part of this information and is not incorporated by reference. The inclusion of a link does not imply any endorsement by or any affiliation with BofA Merrill Lynch. Access to any third-party website is at your own risk, and you should always review the terms and privacy policies at third-party websites before submitting any personal information to them. BofA Merrill Lynch is not responsible for such terms and privacy policies and expressly disclaims any liability for them.

All opinions, projections and estimates constitute the judgment of the author as of the date of publication and are subject to change without notice. Prices also are subject to change without notice. BofA Merrill Lynch is under no obligation to update this information and BofA Merrill Lynch's ability to publish information on the subject issuer(s) in the future is subject to applicable quiet periods. You should therefore assume that BofA Merrill Lynch will not update any fact, circumstance or opinion contained herein.

Subject to the quiet period applicable under laws of the various jurisdictions in which we distribute research reports and other legal and BofA Merrill Lynch policy-related restrictions on the publication of research reports, fundamental equity reports are produced on a regular basis as necessary to keep the investment recommendation current.

Certain outstanding reports or investment opinions relating to securities, financial instruments and/or issuers may no longer be current. Always refer to the most recent research report relating to an issuer prior to making an investment decision.

In some cases, an issuer may be classified as Restricted or may be Under Review or Extended Review. In each case, investors should consider any investment opinion relating to such issuer (or its security and/or financial instruments) to be suspended or withdrawn and should not rely on the analyses and investment opinion(s) pertaining to such issuer (or its securities and/or financial instruments) nor should the analyses or opinion(s) be considered a solicitation of any kind. Sales persons and financial advisors affiliated with BofAS or any of its affiliates may not solicit purchases of securities or financial instruments that are Restricted or Under Review and may only solicit securities under Extended Review in accordance with firm policies. Neither BofA Merrill Lynch nor any officer or employee of BofA Merrill Lynch accepts any liability whatsoever for any direct, indirect or consequential damages or losses arising from any use of this information.



#### **ISSUER COMMENT**

11 October 2019



#### **RATINGS**

## KCP&L Greater Missouri Operations Company

LT Issuer Rating	Baa2
Outlook	Stable

Source: Moody's Investors Service

#### **Analyst Contacts**

Robert Petrosino CFA +1.212.553.1946 VP-Senior Analyst robert.petrosino@moodys.com

Michael G. Haggarty +1.212.553.7172

Associate Managing Director
michael.haggarty@moodys.com

Jim Hempstead +1.212.553.4318 MD-Utilities

james.hempstead@moodys.com

#### **CLIENT SERVICES**

Americas	1-212-553-1653
Asia Pacific	852-3551-3077
Japan	81-3-5408-4100
EMEA	44-20-7772-5454

# KCP&L Greater Missouri Operations Company

Regulator's indicative vote on Sibley coal plant is credit negative for KCP&L Greater Missouri Operations

On 9 October, the Missouri Public Service Commission (MOPSC) expressed its intention in a non-binding vote to defer operations and maintenance (O&M) cost savings from the Sibley coal plant's (Sibley) early retirement in 2018 and passing along the savings to customers. If the MOPSC final and binding vote remains in favor of deferring savings, it would be credit negative for Evergy, Inc.'s (Evergy Baa2 stable) KCP&L Greater Missouri Operations Company (GMO, Baa2 stable) because its an indication that the company and its regulators are not on the same page.

Although GMO has been able to retain O&M savings since Sibley's retirement, the Missouri Office of Public Counsel and the Midwest Energy Consumers Group filed a complaint to instead return the savings to customers. The company's ability to retain savings was determined in the last general rate case, which was in October 2018.

The MOPSC's non-binding 3-2 vote in favor of deferred savings is contrary to the MOPSC staff's recommendation and the state's overall regulatory environment, which has been trending positively. For example, the passage of Missouri Senate Bill 564 allowed for the use of plant in service accounting, which reduces regulatory lag. We think faster capital recovery mechanisms helps attract capital to invest in the state's electric grid.

A vote for deferral may result in the company throttling back on incremental capital that was being planned to invest in Missouri. Evergy previously decided to reallocate \$150 million of its current capital expenditure plan to Missouri from its Kansas companies with a potential increase in its Missouri long-term capital plan. Shifting capital plans like this could create a more contentious regulatory environment, a credit negative.

The complainants are requesting the MOPSC create an accounting order for what they estimate are \$27 million of O&M savings related to Sibley's shutdown and returning the savings to customers in the next general rate case. We expect there will be a proceeding to debate the estimated O&M savings with Evergy arguing the savings are significantly less. Evergy may file an appeal of the eventual order.

GMO concluded a black box rate case settlement in October 2018, which included \$10 million of depreciation on Sibley being deferred as a regulatory liability. Although the settlement specifically stated Sibley O&M costs were included, it made no mention as to the specific amount. Any regulatory liability created from the order would be incorporated into GMO's next general rate case, which the company planned to file in early 2022 for rates to

be effective in early December 2022. However, it is possible that case could be filed up to a year sooner if this accounting order is issued.

Evergy has argued the shutdown of Sibley was not an extraordinary event and that it was identified for closure in its 2017 Integrated Resource Plan. Importantly, we believe this could disincentivize future coal retirements in the state, which is negative for carbon transition because Missouri produces a significant amount of its electricity from coal.

This publication does not announce a credit rating action. For any credit ratings referenced in this publication, please see the ratings tab on the issuer/entity page on www.moodys.com for the most updated credit rating action information and rating history.

© 2019 Moody's Corporation, Moody's Investors Service, Inc., Moody's Analytics, Inc. and/or their licensors and affiliates (collectively, "MOODY'S"). All rights reserved.

CREDIT RATINGS ISSUED BY MOODY'S INVESTORS SERVICE, INC. AND ITS RATINGS AFFILIATES ("MIS") ARE MOODY'S CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT-LIKE SECURITIES, AND MOODY'S PUBLICATIONS MAY INCLUDE MOODY'S CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT-LIKE SECURITIES, MOODY'S DEFINES CREDIT RISK AS THE RISK THAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL FINANCIAL OBLIGATIONS AS THEY COME DUE AND ANY ESTIMATED FINANCIAL LOSS IN THE EVENT OF DEFAULT OR IMPAIRMENT. SEE MOODY'S RATING SYMBOLS AND DEFINITIONS PUBLICATION FOR INFORMATION ON THE TYPES OF CONTRACTUAL FINANCIAL OBLIGATIONS ADDRESSED BY MOODY'S RATINGS. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS AND MOODY'S OPINIONS INCLUDED IN MOODY'S PUBLICATIONS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. MOODY'S PUBLICATIONS MAY ALSO INCLUDE QUANTITATIVE MODEL-BASED ESTIMATES OF CREDIT RISK AND RELATED OPINIONS OR COMMENTARY PUBLISHED BY MOODY'S ANALYTICS, INC. CREDIT RATINGS AND MOODY'S PUBLICATIONS ON ON TON STITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND CREDIT RATINGS AND MOODY'S PUBLICATIONS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. NEITHER CREDIT RATINGS NOR MOODY'S PUBLICATIONS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL, WITH DUE CARE, MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDER CONSIDERATION FOR PURCHASE, HOLDING, OR SALE.

MOODY'S CREDIT RATINGS AND MOODY'S PUBLICATIONS ARE NOT INTENDED FOR USE BY RETAIL INVESTORS AND IT WOULD BE RECKLESS AND INAPPROPRIATE FOR RETAIL INVESTORS TO USE MOODY'S CREDIT RATINGS OR MOODY'S PUBLICATIONS WHEN MAKING AN INVESTMENT DECISION. IF IN DOUBT YOU SHOULD CONTACT YOUR FINANCIAL OR OTHER PROFESSIONAL ADVISER. ALL INFORMATION CONTAINED HEREIN IS PROTECTED BY LAW, INCLUDING BUT NOT LIMITED TO, COPYRIGHT LAW, AND NONE OF SUCH INFORMATION MAY BE COPIED OR OTHERWISE REPRODUCED, REPACKAGED, FURTHER TRANSMITTED, TRANSFERRED, DISSEMINATED, REDISTRIBUTED OR RESOLD, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE, IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOEVER, BY ANY PERSON WITHOUT MOODY'S PRIOR WRITTEN CONSENT.

CREDIT RATINGS AND MOODY'S PUBLICATIONS ARE NOT INTENDED FOR USE BY ANY PERSON AS A BENCHMARK AS THAT TERM IS DEFINED FOR REGULATORY PURPOSES AND MUST NOT BE USED IN ANY WAY THAT COULD RESULT IN THEM BEING CONSIDERED A BENCHMARK.

All information contained herein is obtained by MOODY'S from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided "AS IS" without warranty of any kind. MOODY'S adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources MOODY'S considers to be reliable including, when appropriate, independent third-party sources. However, MOODY'S is not an auditor and cannot in every instance independently verify or validate information received in the rating process or in preparing the Moody's publications.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability to any person or entity for any indirect, special, consequential, or incidental losses or damages whatsoever arising from or in connection with the information contained herein or the use of or inability to use any such information, even if MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers is advised in advance of the possibility of such losses or damages, including but not limited to: (a) any loss of present or prospective profits or (b) any loss or damage arising where the relevant financial instrument is not the subject of a particular credit rating assigned by MOODY'S.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability for any direct or compensatory losses or damages caused to any person or entity, including but not limited to by any negligence (but excluding fraud, willful misconduct or any other type of liability that, for the avoidance of doubt, by law cannot be excluded) on the part of, or any contingency within or beyond the control of, MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers, arising from or in connection with the information contained herein or the use of or inability to use any such information.

NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY CREDIT RATING OR OTHER OPINION OR INFORMATION IS GIVEN OR MADE BY MOODY'S IN ANY FORM OR MANNER WHATSOEVER.

Moody's Investors Service, Inc., a wholly-owned credit rating agency subsidiary of Moody's Corporation ("MCO"), hereby discloses that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by Moody's Investors Service, Inc. have, prior to assignment of any rating, agreed to pay to Moody's Investors Service, Inc. for ratings opinions and services rendered by it fees ranging from \$1,000 to approximately \$2,700,000. MCO and MIS also maintain policies and procedures to address the independence of MIS's ratings and rating processes. Information regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold ratings from MIS and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at <a href="https://www.moodys.com">www.moodys.com</a> under the heading "Investor Relations — Corporate Governance — Director and Shareholder Affiliation Policy."

Additional terms for Australia only: Any publication into Australia of this document is pursuant to the Australian Financial Services License of MOODY'S affiliate, Moody's Investors Service Pty Limited ABN 61 003 399 657AFSL 336969 and/or Moody's Analytics Australia Pty Ltd ABN 94 105 136 972 AFSL 383569 (as applicable). This document is intended to be provided only to "wholesale clients" within the meaning of section 761G of the Corporations Act 2001. By continuing to access this document from within Australia, you represent to MOODY'S that you are, or are accessing the document as a representative of, a "wholesale client" and that neither you nor the entity you represent will directly or indirectly disseminate this document or its contents to "retail clients" within the meaning of section 761G of the Corporations Act 2001. MOODY'S credit rating is an opinion as to the creditworthiness of a debt obligation of the issuer, not on the equity securities of the issuer or any form of security that is available to retail investors.

Additional terms for Japan only: Moody's Japan K.K. ("MJKK") is a wholly-owned credit rating agency subsidiary of Moody's Group Japan G.K., which is wholly-owned by Moody's Overseas Holdings Inc., a wholly-owned subsidiary of MCO. Moody's SF Japan K.K. ("MSFJ") is a wholly-owned credit rating agency subsidiary of MJKK. MSFJ is not a Nationally Recognized Statistical Rating Organization ("NRSRO"). Therefore, credit ratings assigned by MSFJ are Non-NRSRO Credit Ratings. Non-NRSRO Credit Ratings are assigned by an entity that is not a NRSRO and, consequently, the rated obligation will not qualify for certain types of treatment under U.S. laws. MJKK and MSFJ are credit rating agencies registered with the Japan Financial Services Agency and their registration numbers are FSA Commissioner (Ratings) No. 2 and 3 respectively.

MJKK or MSFJ (as applicable) hereby disclose that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by MJKK or MSFJ (as applicable) have, prior to assignment of any rating, agreed to pay to MJKK or MSFJ (as applicable) for ratings opinions and services rendered by it fees ranging from JPY125,000 to approximately JPY250,000,000.

MJKK and MSFJ also maintain policies and procedures to address Japanese regulatory requirements.

REPORT NUMBER

1198810

#### **CLIENT SERVICES**

 Americas
 1-212-553-1653

 Asia Pacific
 852-3551-3077

 Japan
 81-3-5408-4100

 EMEA
 44-20-7772-5454

