## **Consumers Energy**

#### **Consumers Energy Company's Compilation of PBR Comments**

Section	Summary of Comments				
Added Section	Why Study Performance Based Regulation (PBR)?				
	a) 2016 PA 341 mandate				
	b) Overview of MI regulatory construct				
	i) Industry environment scan				
	ii) Power markets				
	iii) Technology				
	iv) Customer preferences and expectations				
	v) Investor expectations				
	Adding a high-level overview of the provide context on why this is				
	important and why we are taking the time to study this and provide				
	context by reviewing the current state.				
Added Section	Outcomes – Universal Stakeholder Consensus				
	a) Provider accountability				
	b) Environmental stewardship				
	c) Resource diversity				
	d) Competitive rates to attract and retain investment and jobs				
	e) Bill affordability for residential and small business customers				
	<li>f) Innovation to drive productivity and reduce operating costs</li>				
	g) Improved customer experience				
	h) Administrative efficiency and reduced cost of regulation				
	Also, make sure to highlight the areas in which are generally agreed				
	oon, listed above, which will help provide a basis for what we would				
	like to be incented by any changes made, if needed.				
2. Introduction to	Consider the target audience: present and future state legislators,				
performance based	administration, commissioners and regulatory staff. Rewrite using				
regulation	concepts easily understood by policymakers with no prior exposure to				
	the topic.				
	a. Economic Theory				
	Some considerations to include: what is different today and why we				
	should consider evolving regulatory structure to meet evolving				
	Depidly evolving technology (more digital more connectedness)				
	<ul> <li>Rapidly evolving technology (more digital, more connectedness)</li> </ul>				
	• Flat load growth				
	• Failing prices of solar, wind, storage				
	Impact of electric vehicles     Distribute due control station, many intelligence on the prid				
	Distributed vs. central station, more intelligence on the grid				
	Changing customer experience				
	a iv X officionav				
	A.W. A-efficiency				
	A-enciency may be the wrong things and missing the hig picture. Again this				
	optimizing on the wrong things and missing the big picture. Again this seems very grapular and we should remember target audience on this				
	could be added to the appendix				

	a.vi. Cost-of-Service based regulation				
	This section doesn't seem to align with the goal of the report. However,				
	if this section is included, it should start with the basics and then preser				
	the challenges with this model and the current state:				
	1. Determining appropriate revenue requirements				
	2. Determining appropriate rates and tariffs.				
	3. Historical utility performance under COS construct.				
	4. Current challenges under COS construct.				
3. Performance based	There seems to be a disconnect between sections 2 and 3; it is missing a				
regulation essentials	section describing the desired outcomes/challenges with the existing				
-	regulatory structure. The current structure seems to imply PBR has been				
	predetermined to be the right move.				
	The following points should be subsumed in the subsections of section 3:				
	a. Development of Performance Targets and Principles				
	b. Development of Rewards and Penalties				
	c. Development of metric performance tracking mechanisms and				
	recovery proceedings				
	d. Consideration of future regulatory constructs (can lay the foundation				
	for future changes to the model without going through an arduous				
	process)				
	This section should also highlight that simplicity is a really important PBR				
	best practice. Complexity is difficult for the regulator, utility and				
	stakeholders to manage and creates a lot of waste in pursuit of perfect				
	efficiency.				
	d.i. Why performance based regulation may lead to compromised				
	service quality or reliability				
	This section already seems to be a conclusion. It can potentially be				
	deleted and any concerns can be addressed in section 3.d.ii.				
	e. Performance based regulation may result in increased regulatory risk				
	This section can be reworded to "Performance based regulation and				
	regulatory risks".				
	e.ii. Multi-year rate-setting period				
	This section can be reworded to "Potential mitigations against				
	over/under earning".				
	f.i. Passing X-efficiency gains to ratepayers at the reset				
	This section can be reworded to "Potential customer sharing of				
	efficiency gains mechanisms".				
4. Evolution of incentive	Section 4 seems more appropriate in section 3.				
ratemaking mechanisms					
5. The UK's RPI – X	Sections 5, 6, 7, and 8 could potentially be grouped under another				
mechanism	section titled "Other Alternative Regulatory Constructs".				

8. Addition of PIM's as an	d. Standards setting with penalties as an alternative approach				
alternative to full	There should be a more balanced view that describes the "carrot",				
replacement of COS	hitting upon benefit sharing. The mindset shouldn't be to strive to				
regulation with PBR	squeeze as much profit out of utilities as possible. Section should be				
_	renamed "Standards setting with penalties and rewards as an alternative				
	approach"				
9. Survey of Key Incentive	This section is better suited for the Alternative Regulatory Constructs				
/ PBR mechanisms and	section. It should also consider domestic examples like Florida and				
associated	Georgia as well as international examples				
implementation details in					
the US					
10. Major issues facing	This section is better suited for section 2.vi.				
future regulators in the					
rate setting process					
11. Conclusions regarding	This section should start with a subsection describing the applicability of				
potential applicability of	PBR in Michigan. (e.g. Specific performance based metrics can be				
performance based	developed to meet stakeholder objectives).				
regulation in Michigan					
12. Best direction for	This section can be retitled to either "Recommendations" or				
future work	"Conclusions".				
	a. Develop a comprehensive system of PIM's to layer over existing				
	cost-of-service regulation				
	The word "optimization" can be added to the description of subsection				
	a. This will facilitate discussion of ways to develop incentives to optimize				
	the system through investments and/or operational and business model				
	changes. (e.g. Develop a comprehensive system of performance				
	incentive mechanisms (PIM's) and optimization incentives to layer over				
	existing cost-of-service regulation).				

# DTE Energy

Michigan Public Service Commission

**Study of Performance Based Regulation** 

Per PA 341 of 2016, Sec. 6u

Report outline (Draft 3.2)

- 1. Executive summary/abstract
- 2. Introduction to performance based regulation<u>Historic and</u> Economic Context of PBR – Cost Control
  - a.—Economic theory

i.a. Information asymmetry

- iii. Firm "participation constraint"
  - 1. Successful participation in capital and finance markets
- iii.c. Strategic behavior
- iv.d. X- efficiency

**v.<u>e.</u>** Allocative efficiency

- vi.f. Cost-of-Service based regulation
  - **1.2.** Managerial moral hazard regarding X-efficiency
  - **2.3.** High allocative efficiency
  - 3.4. The Used and Useful standard in theory and In-in practice
  - 4.5. Strategic goal of investor owned utilities (IOU's) grow rate base
  - 5-6. Capital investment versus operating expense –
  - imbalanced incentives
- vii.g. Pure rate-cap regulation
  - **1.7.** Highest powered incentives toward X-efficiency
  - 2.8. Adverse selection & economic rents

viii.h. Balancing X-efficiency with allocative efficiency

 Ex ante determination of allowed revenues – but responsive to realized costs

<u>3. Michigan Utility and Regulatory Goals – Major Energy Related</u> Issues Facing Michigan

a. Strategic Alignment

i. Need for investment in infrastructure

ii. Improvements in reliability

b. Rate Administration

i. Streamlining of rate case process

ii. Rate smoothing for customers and rate certainty

<u>c. Risk Mitigation</u>

i. Maintain strong and healthy utilities

ii. Balances risk and reward

iii. Minimizes regulatory uncertainty

1. <u>Other</u>

<u>4. Definition, Scope and Evolution of PBR – General overview of PBR</u> see pages 2-7 of Brattle report

a. Types of Performance based regulation essentials

i. Multi-year Mechanisms

1. Multi-year rate cases constitute performance based ratemaking

a. Fully projected multi-year COS rate case

i. Impact on X-efficiency and allocative efficiency

ii. Multi-year rate freeze in contrast

2. Multi-year performance periods and revenue/rate reset

a. Passing X-efficiency gains to ratepayers at the reset

ii. Profit sharing as cost reduction incentive

iii. Sliding scale menu of profit sharing "contracts"

a. Self-revealing of cost 'type'

b. High incentive/low cost type; low incentive/high cost type

c. Mitigation of strategic behavior

<u>iv. Targeted Performance Incentive Mechanisms – TPIs</u>

are to address specific regulatory goals-Performance

based regulation contrasted with specific performance mechanisms

a. What is a PIM

i. Earnings adjustment mechanism

b. Cost of service regulation with added PIM's is the dominant regulatory trend in the United States

c. Structure

i. Guiding goals

ii. Directional incentives

iii. Operational Incentives

iv. Metrics

d. Standards setting with penalties as an alternative approach

e. Public reporting obligations as a transition to full PIM with incentive associated metrics

f. Innovation and market transformation through PIM's

i. Promoting distributed energy resources

1. Timely interconnection approvals

2. DER growth targets

ii. Promoting system efficiency – peak

reduction/load factor improvement

<u>1. CHP</u>

- 2. Electric vehicles adoption and smart/connected charging
- 3. Advanced energy storage
- 4. Geothermal heat pumps
- 5. Dynamic pricing
- 6. Other innovative load-control programs

Performance based regulation contrasted with

specific performance mechanisms

<u>Service quality and reliability incentive/penalty</u> <u>mechanisms</u>

<u>Why performance based regulation may lead to</u> <u>compromised service quality or reliability</u>

> <u>g. Incentive/penalty mechanisms for service</u> <u>quality and reliabilityTrends in Performance</u> <u>Incentive Mechanisms</u>

h. **Traditional Measures:** Service quality and reliability incentive/penalty mechanisms

- i. Why performance based regulation may lead to compromised service quality or reliability
- ii. Incentive/penalty mechanisms for service quality and reliability
- i. New and Evolving Measures
  - <u>i. Tend to be asymmetrical upward (i.e.</u> reward only)

ii. E.g. New York's Earnings Adjustment

I. Addition of performance incentive mechanisms (PIM's) as an alternative to full replacement of COS regulation with performance based regulation

v. Differentiation of cost reduction and investment incentive mechanisms

- <u>1. Addressing incentives to invest in utility</u> infrastructure
  - <u>a. Such incentives may not be included in</u> MRPs and PIMs

<u>b. Options to introduce incentives for utilities</u> <u>to invest in infrastructure to improve</u> reliability or provide access to the grid

c. Risk reduction as a type of incentive

d. Capex riders

5. Performance based regulation may result in increased regulatory risk

- a. Exogenous cost factors (e.g. general inflation indexes)
  - i. Benchmarking using regression analysis of multi-utility cost data
- b. Multi-year rate-setting period

\_\_\_\_

- i. Sales trackers may reduce risk of revenue shortfalls/excesses from multi-year projections
- Multi-year performance periods and revenue/rate reset
  - Passing X efficiency gains to ratepayers at the reset
- 6. Evolution of incentive ratemaking mechanisms
  - a. Price caps (price control mechanism)
  - b. Revenue caps (revenue control mechanism)
  - c. Performance based regulation defined as the combination of ex ante
    - <u>determination of allowed revenues and a method to responsive to realized</u> <u>costs</u>]
      - i. profit sharing
      - ii. sliding scale menu of "contracts"
  - d. PBR and utility investment
- 7. Survey of Key Incentive/PBR Mechanisms
  - 1. Performance based regulation essentials
  - b.a.\_\_\_\_Profit sharing
  - c.a.Sliding scale menu of profit sharing "contracts"
    - i.-Self-revealing of cost 'type'
    - ii.i.\_High incentive/low cost type; low incentive/high cost type
    - iii.i.-Mitigation of strategic behavior
  - d.<u>a.</u><u>Performance based regulation contrasted with specific performance</u>
    - <del>mechanisms</del>
  - e<u>a.</u>Service quality and reliability incentive/penalty mechanisms
    - i.—Why performance based regulation may lead to compromised service quality or reliability
    - ii.i.\_Incentive/penalty mechanisms for service quality and reliability
  - f.a. Performance based regulation may result in increased regulatory risk
    - i-Exogenous cost factors (e.g. general inflation indexes)
    - 1.—Benchmarking using regression analysis of multi-utility cost data ii.i.—Multi-year rate-setting period
      - 1.— Sales trackers may reduce risk of revenue shortfalls/excesses from multi-year projections
  - g.a. Multi-year performance periods and revenue/rate reset
    - i.- Passing X-efficiency gains to ratepayers at the reset
      - 1.- Evolution of incentive ratemaking mechanisms
  - h.a.\_\_\_\_Price caps (price control mechanism)
  - i.<u>a.</u> Revenue caps (revenue control mechanism)

j.a.-Performance based regulation defined as the combination of ex ante

determination of allowed revenues and a method to responsive to realized costs]

i.-profit sharing

ii.i.—sliding scale menu of "contracts"

3.a.\_\_\_\_The UK's RPI −X mechanism

a.i.\_Ex Ante revenue cap

- b.i. Evolution of the regulatory structure
- 4.<u>b.</u> The UK's RIIO mechanism

a. TOTEX –efficient total expenditures

i.<u>1.</u> Methods for estimating

**ii.2.** Statistical (regression) methods for benchmarking

iii.3. Simultaneous estimating procedure or independent estimate for OPEX and CAPEX

iv.4. Engineering methods for forecasting CAPEX

**445.** Issues relating to infrastructure

replacement/maintenance and infrastructure enhancement – BOTEX method as a solution

- b.i. Continued need for traditional ratemaking functions
  - **<u>i.1.</u>** Rate of return
  - ii.2. Depreciation
  - iii.<u>3.</u>Rate base
  - iv.4. Auditing
  - ₩.<u>5.</u>Staffing levels
  - vi.<u>6.</u> "Distribution companies" versus vertically integrated utilities

**<u>1-a.</u>** Production related CAPEX and integrated resource

plans

1. Commentary on multi-year rate cases

k.-Do multi-year rate cases constitute performance based ratemaking?

i.- Fully projected multi-year COS rate case

- 1.--Impact on X-efficiency and allocative efficiency
- 2. multi-year rate freeze in contrast
- 3. Addition of performance incentive mechanisms (PIM's) as an alternative to full replacement of COS regulation with

performance based regulation

I. What is a PIM

i. Earnings adjustment mechanism

m. Cost of service regulation with added PIM's is the dominant regulatory trend in the United States

n. Structure

i. Guiding goals

ii. Directional incentives

iii. Operational Incentives

iv.-Metrics

- o. Standards setting with penalties as an alternative approach
- p. Public reporting obligations as a transition to full PIM with incentive associated metrics
- q.-Innovation and market transformation through PIM's
  - i. Promoting distributed energy resources
    - **1.**—Timely interconnection approvals
    - 2. DER growth targets
  - ii. Promoting system efficiency peak reduction/load factor improvement
    - 1. CHP
    - 2. Electric vehicles adoption and smart/connected charging
    - 3. Advanced energy storage
    - 4. Geothermal heat pumps
    - 5. Dynamic pricing
    - 6. Other innovative load-control programs
    - 7. Survey of Key Incentive/PBR mechanisms and associated implementation details in the United States
- **F-C.** New York's "Reforming the Energy Vision" (REV) initiative
- s-d.States considering future incentive/PBR mechanisms
- 1. Major issues facing future regulators in the rate setting process t.e. Evolution of utility networks
  - i. Aging system Infrastructure
  - ii. Replacement & retirement
  - iii. New technologies and innovation creating strong incentives toward innovation
- 2.8. Conclusions regarding potential applicability of performance based regulation
  - in Michigan
    - **una.** The UK's RIIO regulatory structure is both elegant and aggressive
      - i. Multi-faceted approach to induce efficient expenditures and best practices; a sharp focus on outputs; strong stakeholder engagement; achievement of rapid technological innovation; and support of national energy/policy goals
    - **w.b.** RIIO structure difficult and costly to implement
      - i. RIIO was an evolution of a long-standing history of PBR in the UK
      - ii. The eight\_-year revenue setting cycle needed to recover extraordinary administrative cost [30\_-month case processing schedule]; unlikely to significantly increase capital investment X-efficiency (vis-à-vis RPI X) for long service life infrastructure
      - iii. TOTEX method of benchmarking efficient utility costs presents substantial difficulty in implementation with uncertain effectiveness
      - iv. RIIO applied to UK distribution companies avoids complications associated with vertically integrated utilities [no generation, no retail sales functions]
- 9. Best direction for future work

- <u>a. Develop a PBR plan that is integrated and specifically</u> <u>addresses regulatory goals</u>
  - i. May involve "components" that make up the total plan
  - ii. May require developing multiple types of incentives cost reduction, improvements in traditional areas of performance, utilities taking actions to meet new goals, incentives for utilities to invest in infrastructure

<u>b.</u> PIMs are one component addressing traditional areas of <u>utility performance</u>

- e.i. Develop a comprehensive system of performance inventive mechanisms (PIM's) to layer over existing cost-of-service regulation
- **whii.** Establish stakeholder process for crafting comprehensive and coordinated system of PIM's
- vi-<u>iii.</u> Coordinate PIM development with integrated resource planning (IRP) process
- vii.iv. Coordinate PIM development with MPSC "Distribution Planning" process
- viii.v. Explore possible PIM (consistent with PA 304 of 1980) for X-efficient power supply acquisition [fuel and purchased power]
- c. Consider multi-year rate plans

3.

- d.i. Develop a structured process for MPSC review of utility-forecasted operating and capital expenditures in general rate cases
- Image: Statistical and engineering methods for determiningX-efficient expenditures
  - iii. Benchmarking and best practices
- d. Consider incentives to invest/reduce risk
  - i. Cap-ex riders
  - \*.*ii. Other mechanisms*

### Review and Analysis of Performance Based Regulation Plans

#### **PREPARED FOR**



#### **PREPARED BY**

William Zarakas Toby Brown Léa Grausz Heidi Bishop Henna Trewn

JUNE 23, 2017





This report was prepared for DTE Energy. All results and any errors are the responsibility of the authors and do not represent the opinion of The Brattle Group or its clients.

*Acknowledgement:* We acknowledge the valuable contributions of many individuals to this report and to the underlying analysis, including members of The Brattle Group for peer review.

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#### Appendix A: Survey of PBR / Incentive Regulation in the U.S.

- A-1: Survey of Multi-year Rate Plans
- A-2: Survey of US Traditional TPI Plans
- A-3: Summary of Traditional TPI Measures System Reliability
- A-4: Summary of Traditional TPI Measures Customer Service and Employee Safety
- A-5: Survey of Energy Efficiency TPIs
- A-6: Survey of U.S. Formula Rate Plans
- A-7: Survey of Utility Riders

#### **Appendix B: Case Studies**

- B-1: Pacific Gas & Electric Company (PG&E)
- B-2: Northern States Power d/b/a Xcel Energy
- B-3: Consolidated Edison Company of New York (Con Edison)
- B-4: Florida Power & Light (FPL)
- B-5: Public Service Electric & Gas (PSE&G)
- B-6: Commonwealth Edison (ComEd)
- B-7: ATCO Electric and ATCO Gas, Alberta, Canada
- B-8: Ausgrid, Australia
- B-9: Northern Powergrid (NPg) and Northern Gas Networks (NGN), Great Britain

#### DRAFT

Title	Source	Author	Date	Description
				Presentation at National
				Association of Regulatory
Exploring Performance Based Regulation and				Utilities Commissioners
Alternative Rate Making	Advanced Energy Econony	Lisa Frantzis	November, 2016	(NARUC) event
	Utility of the Future Center,	Sonia Aggerwal, Eddie		
New Regulatory Models	America's Power Plan	Burgess	March, 2014	Paper
Lower Spending, Higher Returns: Aligning				
Performance Incentives to Accelerate a 21st	CLEAResult	Peter Kind, Doug Lewin		Paper
				Paper: feature of "Profiles
	Electricity Consumers			on Electricity Issues"
Performance Based Regulation	Resource Council	ELCON	August, 2000	series, #22
Performance Based Regulation in a High	Lawrence Berkely National	Mark Newton Lowry,		
Distributed Energy Resources Future	Laboratory	Tim Woolf	January, 2016	Paper
				NARUC-Camput
Utility of the Future: the Regulatory Response	Camput		2014	Presentation
	Edison Electric Institute,	Mark Newton Lowrey,		
Alterative Regulation for Emerging Utility	prepared by Pacific	Matthew Makos,		
Challenges: 2015 Update	Economics Group Research	Gretchen Waschbusch	November, 2015	Paper
		Mark Newton Lowrey,		
Performance Based Regulation of Utilities	Energy Law Journal	Lawrence Kaufmann	October, 2002	Law Journal Article
Service Quality Regulation for Detroit Edison: A				
Critical Assessment	Pacific Economics Group	Larry Kaufmann	March, 2007	Paper
Performance Based Regulation for Distribution				
Utilities	Regulatory Assistance Project		December, 2000	Report for NARUC
Can Performance Based Regulation Unlock the				
Utility of the Future?	Utility Dive	Herman K. Trabish	March, 2016	Web posted article
The Resurgence of Performance Based Ratemaking	West Monroe		2013	Web posted article

Commonwealth Edison Company's Multi-Year				Utility docket filed
Performance Metrics Plan	Illinois Utility Docket		December, 2011	document
Regulatory Incentives and Disincentives for Utility	Lawrence Berkely National	Steve Kihm, Janice		
Investments in Grid Modernization	Laboratory	Beecher, Ronald Lehr	May, 2017	Paper
	Grid Modernization	Mark Newton Lowrey,		
State Performance Based Regulation Using Multi-	Laboratory Consortium, U.S.	Matthew Makos, J.		
Year Rate Plans for U.S. Electric Utilities	Department of Energy	Deason	July, 2017	Paper
Northern States Power Company Multi-Year Rate				Utility docket filed
Plan	Minnesota Utility Docket	Charles Burdick	November, 2015	document
	National Regulatory Research			
Multi-Year Rate Plans and the Public Interest	Institute (NRRI)	Ken Costello	October, 2015	Paper
Innovative Rate-Making: Multi-Year Rate Plans	Scott Madden & Associates		February, 2014	Paper/Presentation
	New York University, Guarini			
Reforming Electricity Regulation in New York State:	Center, Environmental,	Danielle Spiegel-Feld,		
Lessons from the United Kingdom	Energy & Land Use Law	Benjamin Mandel	January, 2015	Paper
		Paul Sommerville,		
Emerging Energy Trends: Regulatory Responses to		Richard Carlson, Petar		
Ontario's Energy Future	Mowat Energy	Prazic	December, 2016	Paper
RIIO to REV: What U.S. Power Reform Should Learn				
from the U.K.	Pace Law Review	Heather Payne	September, 2015	Law review article
Price Controls Explained	Ofgem, U.K Regulators		March, 2013	Fact sheet
	Advanced Energy Economy			
Performance Based Regulation for Pennsylvania	Institute		March, 2017	Paper
	Regulatory Assistance			
Roadmap to Implementing Michigan's New Energy	Project, Public Sector			Report for Michigan
Policy: Paths to the Future Report	Consultants		August, 2015	Energy Office
Review and Analysis of Performance Based				
Regulation Plans Prepared for DTE Energy	The Brattle Group	William Zarakas etal	August, 2017	Report for DTE Energy

### Michigan Electric & Gas Association

#### 8/21/17 – MEGA Comments on Draft Report Outline and Bibliography

#### Dear Patrick:

Thank you for soliciting input for the outline and bibliography on the MPSC performance-based ratemaking study. The effort so far appears to be very thorough and studious. We appreciated the outreach meeting opportunities. Here are a few general comments, not necessarily reflecting the view of any particular MEGA member, but provided for your information and consideration.

#### Bibliography – Other Source Material

Peter Navarro, The Simple Analytics of Performance – Based Ratemaking: A Guide for the PBR Regulator, Yale Journal on Regulation, Issue I, Vol 13, Article 3 (1996) (available at digital commons.yale.edu): analysis of PBR in an earlier time when it was under much consideration.

Lesser and Giacchino, Fundamentals of Energy Regulation, 2nd Edition (PUR 2013): Chapter 4 on Alternative Regulatory Structures has a balanced decision of the pros and cons of PBR in section 4.5.

#### **Outline – Suggestions**

Part 9 – Include some Michigan history on measures such as O&M Indexing and the System Availability Incentive Provision (what worked/what didn't).

Part 11 – Include a discussion of the legal authority for PBR in Michigan under previous and current statutes. Can you ask the AG – Public Service Division for this? See Attorney General v Public Service Comm, 141 Mich App 505; 367 NW2d 341 (1985) regarding O&M Indexing and SAIP.

Part 11 – Characterizing the UK RIIO structure as "elegant" and "aggressive" would need much explanation regarding the competing points of view. Also, consider discussing Rob Ozar's point that RIIO was not intended to reduce energy costs but instead was an effort to gain more customer support for measures that increase rates, such as renewable energy standards. In discussing these measures in the U.K., New York and elsewhere, there should be perspective regarding the level of rates in those jurisdictions versus elsewhere.

Part 12 – The "best direction" section outline appears to focus exclusively on adding new regulatory systems and processes. The analysis should also consider the regulatory costs and impact on customers, particularly if process costs are added for smaller utilities. Some consideration should be given to the merits of allowing the new regulatory measures adopted in 2016 by statute to be fully implemented and analyzed from experience before adding more new regulatory requirements.

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