

PCMG and Associates LLC

DANTE MUGRACE

Education

Master Business Administration, MBA Strategic Management, Pace University, Lubin School of Business, New York, NY, 2010

Master Public Administration, MPA, Kean University, Union, NJ, 2001

Bachelor of Science, BS. Accounting, St. Peter's University, Jersey City, NJ, 1983

Position

Senior Consultant – PCMG and Associates	2014 – present
Senior Consultant – Snavely King Majoros and Associates	2013 – 2014
Independent Consultant	2012 – 2013
Bureau Chief/Administrative Analyst/Accountant – New Jersey Board of Public Utilities	1983 – 2011

Professional Experience

Mr. Mugrace has 35 years' experience in all aspects of regulatory accounting and policy including processing, analyzing and evaluating utility rate case petitions before Public Service Commissions. Mr. Mugrace examines and evaluates rate filings, contracts, agreements and rate matters regarding utility operations and provides recommendations as to best course of action. Additionally, Mr. Mugrace analyzes and reviews utility regulatory matters and sets forth recommendations for resolution of issues, calculates total revenue requirement needed to cover operating expenses and rate of return; researches and evaluates regulatory utility matters to assess impact on various classes of customers, regarding rates, service, compliance and cost of service provisions, as well as annual true-up and tracking mechanisms.

Prior to undertaking consulting assignments, Mr. Mugrace was the Bureau Chief Utility Rate Manager for the New Jersey Board of Public Utilities, in which role he managed and assigned tasks to a staff of 12 professionals and supervisory personal in the daily administrative, financial and managerial functions of the Division. Mr. Mugrace's primary duties were to determine whether the utility had sufficient revenues to cover its operating expenses and earn a return on its plant investment and to ensure that the utility provided safe, reliable and continuing utility service to its customers. Mr. Mugrace set rates and charges for utility companies, which had revenues of up to \$500 million, and ensured that the revenue requirement provided for recovery of all operating expenses, return on investment and depreciation. Mr. Mugrace was also responsible for reviewing and verifying that the companies' property, plant and equipment (up to \$2.5 billion) were used and useful in providing service to its customers. Mr. Mugrace coordinated and met with the New Jersey State Department of Environmental Protection to

PCMG and Associates LLC

determine whether water and wastewater utilities were complying with state regulations and were adhering to any regulatory agency directives or orders. Mr. Mugrace developed ways to minimize the rising costs of water utility services by investigating alternative rate structures, analyzing engineering mechanisms and techniques, looking into the feasibility of mergers and acquisitions within the water industry and reviewing financing, and rate alternatives to minimize the impact on ratepayers. Mr. Mugrace was responsible for ensuring that the rate-case process adhered to the statutory timeframe for preparing, reviewing and recommending findings to the Board Commissioners on financial operations, costs, revenues and operating expenses, prior to the litigation proceedings. Mr. Mugrace also examined alternative rate recovery mechanisms and clauses, phase-ins of revenue requirements, deferral mechanisms and pass-through of rate charges. Mr. Mugrace assumed the role of Director during transition periods and Administrative changes. Finally, Mr. Mugrace conducted the recruitment and hiring of employees for placement within the Division and the Board.

Professional and Business Affiliations

- Institute of Public Utilities (IPU) Michigan State University (MSU), National Association of Regulatory Utility Commissioners (NARUC), National Association of State Utility Consumer Advocates (NASUCA)

References

Felicia Thomas-Friel, Esq.
Managing Attorney, Gas
NJ Division of Rate Counsel
140 East Front Street, 4th Floor
Trenton, NJ 08625
(609) 984-1460
ftthomas@rpa.nj.gov

Susan McClure, Esq.
Managing Attorney, Water
NJ Division of Rate Counsel
140 East Front Street, 4th Floor
Trenton, NJ 08625
(609) 984-1460
smcclure@rpa.nj.gov

Tanya J. McCloskey, Esq.
Acting Consumer Advocate
Office of Consumer Advocate
555 Walnut Street 5th Floor, Forum Place
Harrisburg, PA 17101-1923
(717) 783-5048
TMcCloskey@paoca.org

Jeff Genzer, Esq., Partner
Duncan, Weinberg, Genzer & Pembroke, P.C.
1615 M. Street, N.W., Suite 800
Washington, D.C. 20036
(202) 467-6370
JCG@dwgpc.com

PCMG and Associates LLC

Jeanne M. Fox, Esq.
Former NJ BPU President
(973) 271-0500
Jeannefox1@aol.com

Michael Kammer, Director, Water Division
New Jersey Board of Public Utilities
44 South Clinton Avenue, 9th Floor
Trenton, NJ 08625
(609) 292-2422
Mike.Kammer@bpu.nj.gov

Connie Hughes
Former NJ BPU President/Commissioner
(609) 366-3421
Co.hughes47@gmail.com

Fred Butler, Butler Advisor Services
Former NJ BPU Commissioner
176 Grayson Drive
Belle Mead, NJ 08502
(908) 874-6312
Frederickbutler@comcast.net

Michael Schuler, Esq.
Office of the Ohio Consumer Counsel
10 West Broad Street, Suite 1800
Columbus, OH 43215-3485
(614) 466-9547
Michael.Schuler@occ.ohio.gov

Brian Weeks, Esq.
NJ Division of Rate Counsel
140 East Front Street, 4th Floor
Trenton, NJ 08625
(609) 984-1460
bweeks@rpa.nj.gov

PCMG and Associates LLC

Regulatory Projects and Appearances

1. In Re: The Pittsburgh Water and Sewer Authority for approval of increased rates and charges for Water, Wastewater and Stormwater services
(Appearance: Accounting and Policy, and Regulatory Policy) on behalf of the Pennsylvania Office of the Consumer Advocate)
Pennsylvania Public Utility Commission – Docket Nos. R-2021-3024773 (Water) R-2021-3024774 (Wastewater) and R-2021-3024779 (Stormwater).
2. In Re: Northern States Power Company – 2021 Electric Base Rate Case Increase
(Appearance: Revenue Requirement on behalf of the Advocacy Staff of the North Dakota Public Service Commission)
North Dakota Public Service Commission – Case No. PUC-20-441
3. In Re: Public Service Electric and Gas Company – Approval of a Tax Adjustment Clause (TAC).
(Appearance; Revenue Requirement on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities – Docket Nos. ER20100685 and GR20100686.
4. In Re: Pike County Light and Power Company – Approval to increase base rates for Electric and Gas Service.
(Appearance: Revenue Requirement in behalf of the Pennsylvania Office of Consumer Advocate)
Pennsylvania Public Utility Commission – Docket Nos. R-2020-3022134 (Gas) and R-2020-3022135 (Electric)
5. In Re: Jersey Central Power and Light Company for Approval of JCP&L’s Energy Efficiency and Conservation Plan Including Energy Efficiency and Peak Demand Reduction Programs.
(Appearance: Revenue Requirement on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities – Docket Nos. QO19010040 and EO20090620
6. In Re: Atlantic City Electric Company for Approval of an Energy Efficiency Program, Cost Recovery Mechanism, and Other Related Relief for Plan Years One Through Three.
(Appearance: Revenue Requirement on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities – Docket Nos. QO19010040 and EO20090621
7. In Re: Rockland Electric Company for Approval of Its Energy Efficiency and Peak Demand Reduction Programs.
(Appearance: Revenue Requirement on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities – Docket Nos. QO19010040 and EO20090623

PCMG and Associates LLC

8. In Re: Public Service Electric and Gas Company for Approval of Changes in its Electric Green Programs Recovery Charge and its Gas Green Programs Recovery Charge 2020 PSE&G Green Programs Cost Recovery filing
(Appearance: Revenue Requirement on behalf of the NJ Division of Rate Counsel)
New Jersey Board of Public Utilities – Docket Nos. ER20060467 and GR20060468
9. In Re: Public Service Electric and Gas Company’s 2020/2021 Annual BGSS Commodity Charge filing for its Residential Gas Customers under its Pricing Mechanism and for Changes in its Balance Charge
(Appearance: Revenue Requirement on behalf of the NJ Division of Rate Counsel)
New Jersey Board of Public Utilities – Docket No. GR20060379
10. In Re: Public Service Electric and Gas Company’s 2020 Annual Margin Adjustment Clause (MAC)
(Appearance: Revenue Requirement on behalf of the NJ Division of Rate Counsel)
New Jersey Board of Public Utilities – Docket No. GR20060384
11. In Re: South Jersey Gas Company for Approval to Revise the Rider H Rate Associated with the Tax Cuts and Jobs Act of 2017
(Appearance: Revenue Requirement on behalf of the NJ Division of Rate Counsel)
New Jersey Board of Public Utilities – Docket No. GR20060382
12. In Re: Berkshire Gas Company -2019 Gas System Enhancement Program Reconciliation Filing
(Appearance: Revenue Requirement on behalf of the Massachusetts Office of the Attorney General)
Commonwealth of Massachusetts -Department of Public Utilities – DPU 20-GREC-02
13. In Re: Bay States Gas Company d/b/a Columbia Gas – 2019 Gas System Enhancement Program Reconciliation Filing.
(Appearance: Revenue Requirement on behalf of the Massachusetts Office of the Attorney General)
Commonwealth of Massachusetts – Department of Public Utilities – DPU 20-GREC-05
14. In Re: NSTAR Gas Company – 2019 Gas System Enhancement Program Reconciliation Filing
(Appearance: Revenue Requirement on behalf of the Massachusetts Office of the Attorney General)
Commonwealth of Massachusetts – Department of Public Utilities – DPU 20-GREC-06
15. In Re: South Jersey Gas Company for Approval of Increased Base Tariff Rates and Charges for Gas Service, Changes to Depreciation Rates and Other Tariff Revisions.
(Appearances: Revenue Requirement and Cash Working Capital) on behalf of the New Jersey Division of Rate Counsel.
New Jersey Board of Public Utilities – Docket No. GR20030243

PCMG and Associates LLC

16. In Re: Jersey Central Power & Light Company for Review and Approval of Increased in, and Other Adjustments to Rates and Charges for Electric Services and approval of Other Proposed Tariff Revisions (Appearance: Revenue Requirement, Cash Working Capital, Consolidated Income Taxes, LED Conversion and Reliability Roll-In) on behalf of the New Jersey Division of Rate Counsel.
New Jersey Board of Public Utilities – Docket No. ER20020146
17. In Re: The Pittsburgh Water and Sewer Authority for approval of increased rates and charges for water and wastewater service and for approval of a multi-year rate plan. (Appearance: Accounting and Policy, Customer Service and Regulatory Policy) on behalf of the Pennsylvania Office of the Consumer Advocate)
Pennsylvania Public Utility Commission – Docket Nos. R-2020-3017951 and R-2020-3017970.
18. In Re: New Jersey-American Water Company, Inc. for approval of Increased Base Tariff Rates and Charges for Water and Wastewater Services and Other Tariff Revisions. (Appearance: Accounting and Revenue Requirement and Cash Working Capital / Consolidated Income Taxes) on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities – Docket No. WR19121516
19. In Re: Hawaiian Electric Company, Inc., for approval of a General Rate Increase and Revised Rate Schedules and Rules.
(Appearance: Accounting and Revenue Requirement on behalf of the Hawaiian Division of Consumer Advocacy)
Hawaii Public Utilities Commission – Docket No. 2019-0085
20. In Re: Mount Olive Villages Water Company for approval of an Increase in Rates for Water Service and Other Tariff Changes.
(Appearance: Accounting and Consulting Services on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities – Docket No. WR19060770
21. In Re: Mount Olive Villages Sewer Company for approval of an Increase in Rates for Sewer Service and Other Tariff Changes.
(Appearance: Accounting and Consulting Services on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities – Docket No. WR19060769
22. In Re: Public Service Electric and Gas Company for approval of changes in its Electric Green Programs Recovery and its Gas Green Programs Recovery Charge (2019 PSE&G Green Programs Cost Recovery Filing).
(Appearance: Accounting and Consulting Services on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities – Docket Nos. ER19070764 and GR19070765

PCMG and Associates LLC

23. In Re: Proposed Amendment to N.J.A.C. 14:9- Adoption by reference to the Uniform System of Accounts for Water Utilities and Wastewater Utilities.
(Appearance: Consulting Services on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities- Docket Nos. WX19050612 (Water) and WX19050613 (Wastewater)
24. In Re: Public Service Electric and Gas Company's 2019/2020 Annual BGSS Commodity Charge filing for its Residential Gas Customers Under its Periodic Pricing Mechanism and for Changes in its Balancing Charge.
(Appearance: Revenue Requirement and accounting/consulting services on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities – Docket No. GR190600699
25. In Re: Bay States Gas Company d/b/a Columbia Gas of Massachusetts for Approval of a 2018 Gas System Enhancement Program Reconciliation Filing
(Appearance: Revenue Requirement on behalf of the Massachusetts Office of the Attorney General)
Commonwealth of Massachusetts Department of Public Utilities – Docket No. 19-GREC-05
26. In Re: NSTAR Gas Company d/b/a Eversource Energy for Approval of a 2018 Gas System Enhancement Program Reconciliation Filing
(Appearance: Revenue Requirement on behalf of the Massachusetts Office of the Attorney General)
Commonwealth of Massachusetts Department of Public Utilities – Docket No. 19-GREC-06
27. In Re: Public Service Electric and Gas Company for Approval of Gas Rate Base Adjustments Pursuant to its Gas System Modernization Program (April 2019 GSMP)
(Appearance: Revenue Requirement on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities – Docket No. GR19040522
28. In Re: Kalaeloa Water Company, LLC for Approval of General Rate Case and Revised Rules, Regulations and Rates.
(Appearance: Revenue Requirement on behalf of the Hawaii Division of Consumer Advocacy)
Hawaii Public Utilities Commission – Docket No. 2019-0057
29. In Re: Elizabethtown Gas Company for Approval of an Increase in Rates and Charges for Gas Service, Changes to Depreciation Rates and Other Tariff Revisions.
(Appearance: Revenue Requirement and Other Accounting Issues on behalf of the New Jersey Division of Rate Counsel).
New Jersey Board of Public Utilities – Docket No. GR19040586
30. In Re: Petition of Peoples Natural Gas Company for Approval of an Increase in Rates for Natural Gas Distribution Service.

PCMG and Associates LLC

(Appearance: Revenue Requirement and Other Accounting Issues on behalf of the Pennsylvania Office of Consumer Advocate)

Pennsylvania Public Utility Commission – Docket No. R-2018-3006818

31. In Re: Petition of Aqua New Jersey, Inc. for Approval of an Increase in Rates for Water Service and other Tariff Changes.
(Appearance: Revenue Requirement and other Accounting Issues on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities – BPU Docket No. WR18121351
32. In Re: Petition of Public Service Electric and Gas Company for Approval of its Clean Energy Future – Energy Efficiency (CEF-EE) Program on a Regulated Basis.
(Appearance: Revenue Requirement and other Accounting Issues on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities – BPU Docket Nos. GO18101112 and EO18101113.
33. In Re: Petition of Public Service Electric and Gas Company for Approval of its Clean Energy Future – Energy Vehicle and Energy Storage (CEF-EVES) Program on a Regulated Basis. (Appearance – Revenue Requirement and other Accounting Issues on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities – BPU Docket No. EO18101111.
34. In Re: Petition of New Jersey Natural Gas Company- Request for Deferred Accounting Authority for Costs Related to New Information Technology Systems . (Appearance: Impact on Revenues, prudence of costs on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities – BPU Docket No. GR18101096
35. In Re: Petition for Approval of An Indirect Change in Control of the New Jersey Public Utilities Subsidiaries of SUEZ Water Resources, Inc. and Other Related Approvals.
(Appearance: Impact on Rates, Service, Employees, Positive Benefits on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities – BPU Docket No. WM18090982
36. In Re: The Matter of the Merger of Roxbury Water Company into New Jersey American Water Company (Appearance: Impact on Rates, Service and Employees, Positive Benefits on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities – BPU Docket No. WM18080904
37. In Re: The Matter of the Application of Maryland-American Water Company for Authorization to Adjust its Existing Schedule of Tariffs and Rates.
(Appearance: Revenue Requirement on behalf of the Maryland Office of People’s Counsel)
Maryland Public Service Commission – Case No. 9487

PCMG and Associates LLC

38. In Re: The Matter of the Joint Petition for Approval of an Increase in Rates for Water and Wastewater Service and Other Tariff Changes for SUEZ Water NJ, Inc., Toms River, Inc., Arlington Hill, Inc., West Milford, Inc., Matchaponix, Inc., and Princeton Meadows, Inc. (Appearance: Revenue Requirement and the development of Consolidated Income Taxes on behalf of the NJ Division of Rate Counsel)
New Jersey Board of Public Utilities – BPU Docket No. WR18050593
39. In Re: The Matter of the Application of Atlantic City Electric Company to Adjust the Level of its Rider RGGI Rate Associated with its Solar Renewable Energy Certificate Financing Program 2018 (Appearance: Revenue Requirement on behalf of the NJ Division of Rate Counsel)
New Jersey Board of Public Utilities – BPU Docket No. ER18050543
40. In Re: The Matter of the Petition of New Jersey Natural Gas Company’s Approval of the Cost Recovery Associated with Energy Efficiency Programs (Appearance; Revenue Requirement on behalf of the NJ Division of Rate Counsel)
New Jersey Board of Public Utilities – BPU Docket No, GR18050585
41. In Re: The Matter of Bay States Gas Company d/b/a Columbia Gas of Massachusetts, 2017 Gas System Enhancement Reconciliation Filing (Appearance: Revenue Requirement on behalf of the Massachusetts Attorney General’s Office of Ratepayer Advocacy)
Commonwealth of Massachusetts – Department of Public Utilities – Docket No. D.P.U. 18-GREC-05.
42. In Re; The Matter of NSTAR Gas Company d/b/a Eversource Energy, Gas System Enhancement Program Reconciliation Filing (Appearance: Revenue Requirement on behalf of the Massachusetts Attorney General’s Office of Ratepayer Advocacy)
Commonwealth of Massachusetts – Department of Public Utilities – Docket No. D.P.U. 18-GREC-06.
43. In Re: The Matter of the Merger of SUEZ Water NJ, SUEZ Water Toms River, SUEZ Water Arlington Hills, SUEZ Water West Milford, SUEZ Water Princeton Meadows and SUEZ Water Matchaponix (Appearance: Positive Benefits related to the Merger on behalf of the NJ Division of Rate Counsel)
New Jersey Board of Public Utilities – BPU Docket No. WR18030266
44. In Re: The Matter of the Columbia Gas of Pennsylvania for a General Rate Increase in Distribution Gas Service (Appearance; Accounting Issues and Revenue Requirement on behalf of the Pennsylvania Office of Consumer Advocate)
Pennsylvania Public Utility Commission – Docket No. R-2018-2647577
45. In Re: The Matter of the New Jersey Board of Public Utilities Consideration of the Tax Cuts and Jobs Act of 2017 – Generic Proceeding (Appearance: Revenue Requirement on behalf of the NJ Division of Rate Counsel)
New Jersey Board of Public Utilities – BPU Docket No. AX18010001

PCMG and Associates LLC

46. In Re: Acquisition of Elizabethtown Gas, a Division of Pivotal Utilities Holdings, Inc. by ETG Acquisition Corp., a Division of South Jersey Industries, Inc., and Related Transactions. (Appearance: Customer Service Issues/Employee and Labor Relations on behalf of the NJ Division of Rate Counsel)
New Jersey Board of Public Utilities – BPU Docket No. GM17121309.
47. In Re: Middlesex Water Company – Base Rate Case Proceeding for Water Service. (Appearance: revenue requirement on behalf of the NJ Division of Rate Counsel).
New Jersey Board of Public Utilities – BPU Docket No. WR17101049.
48. In Re: Township of East Brunswick – Sewer Rate Study – (Evaluation of the existing sewer rate structure and examining and quantify costs for future expansion).
49. In Re: Montana-Dakota Utilities – Base Rate Case Proceeding for Gas Service. (Appearance: revenue requirement on behalf of the North Dakota Public Service Commission). NDPSC Docket No. PU-17-295.
50. In Re: Andover Utility Company – Base Rate Case Proceeding for Wastewater Services. (Appearance: revenue requirement on behalf of the New Jersey Division of Rate Counsel).
New Jersey Board of Public Utilities – BPU Docket No. WR17070726.
51. In Re: Public Service Electric and Gas Company- Approval of Changes in its Electric and Gas Green Programs Recovery Charges “2017 Public Service Electric & Gas Green Programs Cost Recovery Filing. (Appearance: revenue requirement on behalf of the New Jersey Division of Rate Counsel).
New Jersey Board of Public Utilities – BPU Docket Nos. ER17070724 and GR17070725.
52. In Re: Bay States Gas Company d/b/a Columbia Gas of Massachusetts, 2016 Gas System Enhancement Program Reconciliation Filing, (Appearance: revenue requirement on behalf of the Massachusetts Attorney General’s Office of Ratepayer Advocacy).
Commonwealth of Massachusetts Department of Public Utilities – Docket No. D.P.U. 17-GREC-05.
53. In Re; NSTAR Gas Company d/b/a Eversource Energy, 2016 Gas System Enhancement Program Reconciliation Filing (Appearance: revenue requirement on behalf of the Massachusetts Attorney General’s Office of Ratepayer Advocacy).
Commonwealth of Massachusetts Department of Public Utilities – Docket No. D.P.U. 17-GREC-06.
54. In Re: Petition of Columbia Gas of Maryland – Increase in rates for Distribution Service – (Appearance: revenue requirement on behalf of the Office of People’s Counsel) Public Service Commission of Maryland – Case No. 9447
55. In Re: Petition of South Jersey Gas Company – Increase in base rates for gas services – (Appearance: revenue requirement on behalf of the NJ Division of Rate Counsel)

PCMG and Associates LLC

New Jersey Board of Public Utilities – Docket No. GR17010071

56. In Re: Petition of UGI Penn Natural Gas – Increase in base rates for gas services – (Appearance: revenue requirement on behalf of the Pennsylvania Office of Consumer Advocate)
Pennsylvania Public Utilities Commission Docket No. R-2016-2580030
57. In Re: Petition of PJM Interconnection, LLC. – Mid-Atlantic Interstate Transmission, LLC. Formula Rate Filing. (Appearance on behalf of the Pennsylvania Office of Consumer Advocate).
FERC Docket No. ER17-211-000
58. In Re: Petition of Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas Company for approval of Increased Base Tariff Rates and Charges for Gas Service and Other Tariff Revisions (Appearance: revenue requirement on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities Docket No. GR16090826
59. In Re: Petition of SUEZ Water New Jersey, et al – Approval of a Management and Services Agreement pursuant to N.J.S.A 48: 3-7.1 (Appearance on the reasonableness of contract agreements on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities Docket No. WO16080806
60. In Re: Petition of SUEZ Water Arlington Hills Inc. – Approval of an Increase in Rates for Wastewater Services and other Tariff Changes (Appearance: revenue requirement on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities Docket No. WR16050510
61. In Re: Petition of Public Service Electric and Gas Company – 2016 Marginal Adjustment Clause (MAC) (Appearance; reconciliation and rate setting on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities Docket No. GR16060484
62. In Re: Petition of Public Service Electric and Gas Company for Approval of Changes in its Electric Green Programs Recovery Charges and its Gas Green Program Recovery Charges 2016 PSEG Program Cost Recovery Filing (Appearance: reconciliation and rate setting on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities Docket Nos. ER16070613 and GR16070614
63. In Re: Petition of the Mount Olive Village Sewer Company, Inc., for Approval of an Increase in Rates for Service (Appearance: revenue requirement on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities Docket No. WR16050391

PCMG and Associates LLC

64. In Re: Petition of the Mount Olive Village Water Company, Inc. for Approval of an Increase in Rates for Service (Appearance; revenue requirement on behalf of the New Jersey Division of Rate Counsel)
New Jersey Board of Public Utilities Docket No. WR16050390
65. In Re: Petition of Fitchburg Gas and Electric Light Company d/b/a Unitil for Approval of its 2015 Gas System Enhancement Plan Reconciliation Filing (2016) - (Analysis and Advice to Counsel: computation of the revenue requirement and rate impact on behalf of the Massachusetts Attorney General Office of Ratepayer Advocacy)
MA Department of Public Utilities Docket No. D.P.U. 16-GREC-01
66. In Re: Petition of Bay State Gas Company d/b/a Columbia Gas of Massachusetts for Approval of its 2015 Gas System Enhancement Plan Reconciliation Filing (2016) - (Appearance: computation of the revenue requirement and rate impact on behalf of the Massachusetts Attorney General Office of Ratepayer Advocacy)
MA Department of Public Utilities Docket No. D.P.U. 16-GREC-05
67. In Re: Petition for Approval of Gas Infrastructure Contract Between Public Service Company of New Hampshire d/b/a Eversource Energy and Algonquin Gas Transmission, LLC (2016) - (Analysis and Advice to Counsel: compliance with statutes and regulations, review of contract, and ratemaking on behalf of the New Hampshire Office of Consumer Advocate)
NH Public Utilities Commission Docket No. DE 16-241
68. In Re: Central Maine Power Company, Annual Compliance Filing and Price Change (2016) - (Analysis and Advice to Counsel; tax normalization regulatory asset on behalf of the Maine Office of the Public Advocate)
ME Public Service Commission Docket No. 2016-00035
69. In Re: Bulletin 2015-10 Generic Proceeding to Establish Parameters for the Next Generation PBR Plans (Appearance: productivity adjustments/performance-based ratemaking on behalf of the Alberta Utilities Consumer Advocate)
Alberta Utilities Commission Proceeding 20414
70. In Re: the Matter of Request by Emera Maine for Approval of a Rate Change (2016) - (Appearance: revenue requirement on behalf of the Maine Office of the Public Advocate)
Maine Public Utilities Commission Docket No. 15-00360)
71. In Re: the Matter of the Joint Application of the Southern Company, AGL Resources Inc., and Pivotal Holdings, Inc. d/b/a Elkton Gas (2015-2016) - (Analysis and advice to counsel: customer service impacts, employee impacts, supplier diversity on behalf of the Maryland Office of People's Counsel)
MD PSC Case No. 9404

PCMG and Associates LLC

72. In Re: the Matter of the Merger of Southern Company and AGL Inc. (2015-2016) - (Appearance: customer service impacts and employee impacts on behalf of the NJ Division of Rate Counsel)
New Jersey BPU Docket No. GM15101196
73. In Re: the Matter of the United Water New Jersey, Inc., for Approval of an Increase in Rates for Water Service and Other Tariff Changes (2015-2016) - (Appearance: revenue requirements, rate base issues and operating income on behalf of the NJ Division of Rate Counsel)
New Jersey BPU Docket No. WR15101177
74. In Re: Petition of Boston Gas Company and Colonial Gas Company d/b/a National Grid for Approval of Precedent Agreements with Millennium Pipeline Company, LLC (2015) - (Analysis: review of contract and compliance of the Gas Supply Plan on behalf of the Massachusetts Attorney General Office of Ratepayer Advocacy)
MA D.P.U. 15-130
75. In Re: Petition of Boston Gas Company and Colonial Gas Company d/b/a National Grid for Approval of Agreements for LNG or Liquefaction Services with GDF Suez Gas NA, LLC; Northeast Energy Center, LLC; Metro LNG, L.P.; and National Grid LNG (2015) - (Analysis: review of contract and compliance of the Gas Supply Plan on behalf of the Massachusetts Attorney General Office of Ratepayer Advocacy)
MA D.P.U. 15-129
76. In Re: Columbia Gas of Massachusetts CY2014 Targeted Infrastructure Reinvestment Factor (TIRF) Compliance Filing (2015) - (Appearance: computation of the revenue requirement impact on the TIRF on behalf of the Massachusetts Attorney General Office of Ratepayer Advocacy)
MA D.P.U. 15-55
77. In Re: the Matter of the Bay State Gas Company d/b/a Columbia Gas of Massachusetts for Approval of its Targeted Infrastructure Reinvestment Factor (TIRF) for CY 2013 (2014) - (Appearance: computation of the revenue requirement impact on the TIRF)
MA D.P.U. 14-83
78. In Re: the Matter of the Merger of Exelon Corporation and Pepco Holdings, Inc. (Atlantic City Electric Company) (2014-2015) - (Appearance: customer service impacts)
New Jersey BPU Docket No. EM14060581
79. In Re; of the Public Utilities Commission of Ohio, in the Matter of the Application of Aqua Ohio, Inc. to Increase its Rates and Charges for its Waterworks Service. – Revenue and Rates (2014) - (Appearance: operating income, certain rate base issues and income taxes on behalf of the Ohio Office of Consumer Counsel)
PUCO Case No. 13-2124-WW-AIR

PCMG and Associates LLC

80. In Re: New York Public Service Commission, as to the Rates, Charges, Rules and Regulations of Consolidated Edison Company of New York, Inc. Revenue Requirement (2013-2014) – (Appearance: revenue requirement, rate base issues and operating income on behalf of the Intervenor, the County of Westchester)
NYPSC Case Nos. 13-E-0030, 13-G-0031 and 13-S-0032, et al
81. In Re: North Dakota Public Service Commission, - Application of Northern States Power Company for Authority to Increase Rates for Electric Service in North Dakota, On-Going Revenue Requirement (2013) - (Appearance: revenue requirement and rate base, operating income, operating and maintenance expenses on behalf of the North Dakota Public Service Commission Staff)
North Dakota Case No. PU-12-813
82. In the Matter of the Petition of New Jersey American Water Company for Authorization to Implement a Distribution System Improvement Charge (DSIC) Order Denying Petition and Instituting Stakeholder Process (2008) - (Case manager on policy decision and revenue requirement impact on behalf of the Staff of the NJ Board of Public Utilities)
BPU Docket No. WO08050358
83. In the Matter of the Joint Petition of the City of Trenton, New Jersey and New Jersey-American Water Company, Inc. for Authorization of the Purchase and Sale of the Assets of the Outside Water Utility System ("OWUS") of the City of Trenton, New Jersey and for Other Relief Order Adopting Initial Decision, (2008) - (Case manager on the revenue requirement impact on behalf of the Staff of the NJ Board of Public Utilities)
BPU Docket No. WM08010063
84. In the Matter of the Petition of United Water New Jersey, United Water Toms River, United Water Lambertville, United Water Mid-Atlantic and Gaz de France for Approval as Need for a Change in Ownership and Control (2007) - (Case manager on customer impact, employee impact and impact on rates on behalf of the Staff of the NJ Board of Public Utilities)
BPU Docket No. WM06110767
85. In the Matter of the Petition of United Water Arlington Hills Sewerage, Inc. for an Increase in Rates for Waste Water Service and Other Tariff Changes (2009) - (Case manager on revenue requirement and overall rate proceeding on behalf of the Staff of the NJ Board of Public Utilities)
BPU Docket No. WR08100929
86. In the Matter of the Petition of United Water New Jersey Inc. for Approval of an Increase in Rates for Water Service and Other Tariff Changes, (2009) - (Case manager on revenue requirement and overall rate proceeding on behalf of the Staff of the NJ Board of Public Utilities)
BPU Docket No. WR08090710

PCMG and Associates LLC

87. In the Matter of the Petition of United Water Toms River, Inc. for Approval of an Increase in Rates for Water Service and Other Tariff Changes (2008) - (Case manager on the revenue requirement and overall rate proceeding on behalf of the Staff of the NJ Board of Public Utilities)
BPU Docket No. WR08030139
88. In the Matter of the Joint Petitioners of New Jersey-American Water Company, Inc., S.J. Services, Inc., South Jersey Water Company, Inc. and Penns Grove Water Supply Company, Inc. for Among Other Things Approval of a Change in Control of South Jersey Water Supply Company, Inc. and Penns Grove Water Supply Company, Inc. (2007) - (Case manager on the overall rate proceeding on behalf of the Staff of the NJ Board of Public Utilities)
BPU Docket No. WM07020076
89. In the Matter of the Petition of Aqua, New Jersey, Inc. for Approval of an Increase in Rates for Water Service and Other Tariff Changes (2008) - (Case manager on revenue requirement and the overall rate proceeding on behalf of the Staff of the NJ Board of Public Utilities)
BPU Docket No. WR0712095
90. I/M/O the Joint Petition of Thames Water, Aqua Holdings GMBH, on Behalf of Itself and Its Parent Holdings Company, RWE Aktiengesellschaft, Thames Water Aqua US Holdings, Inc., American Water works Company Inc., Thames Water Holdings Incorporated, E'town Corporation, New Jersey-American Water Company, Inc., Elizabethtown Water Company, the Mount Holly Water Company and Applied Wastewater Management, Inc. for Confirmation that the Board of Public Utilities Does Not Have Jurisdiction Over, or, Alternatively, for Approval of a Proposed Transaction Involving, Among Other Things, the Sale by Thames Water Aqua Holdings GMBH of Up to 100% of the Shares of the Common Stock of American Waterworks Company, Inc. in One or More Public Offerings (2007) - (Case manager on revenue requirement impacts, effect on rates and effect on service on behalf of the Staff of the NJ Board of Public Utilities)
BPU Docket No. WM06050388
91. In the Matter of the Petition of Elizabethtown Water Company for Approval of an Increase in Rates for Water Service (2007) - (Case manager on revenue requirement and overall rate proceeding on behalf of the Staff of the NJ Board of Public Utilities)
BPU Docket No. WR03070510
92. In the Matter of the Petition of New Jersey American Water Company, Inc. for Approval of Increased Tariff Rates and Charges for Water and Sewer Service; Increased Depreciation Rates and Other Tariff Revisions (2008) - (Case manager on revenue requirement and overall rate proceeding on behalf of the Staff of the NJ Board of Public Utilities)
BPU Docket No. WR08010020
93. In the Matter of Middlesex Water Company for Approval of an Increase in its Rates for Water Service and Other Tariff Changes (2007) - (Case manager on overall revenue

PCMG and Associates LLC

requirement and overall rate proceeding on behalf of the Staff of the NJ Board of Public Utilities)

BPU Docket No. WR07040275

94. In the Matter of the Joint Petition of United Water New Jersey, Inc., United Water Arlington Hills, Inc., United Water Hampton, Inc., United Water Vernon Water Hills, Inc., and United Water Lambertville, Inc. for an Increase in Rates and Charges for Water Service and Other Tariff Changes and for Approval to Merge the Operations of the Joint Petitioners into and with United Water New Jersey, Inc. (2007) - (Case manager on revenue requirement and overall rate proceeding on behalf of the Staff of the NJ Board of Public Utilities)

BPU Docket No. WR07020135

REVENUE REQUIREMENT				
	(1)			
	Company		ND PSC	
	Proposed	Adjustments	Advocacy Staff	References
1 Average Rate Base	\$ 676,916,000	\$ (18,467,137)	\$ 658,448,863	
2 Operating Income	\$ 35,241,366	\$ 6,933,935	\$ 42,175,301	
3 AFUDC	\$ -		\$ -	
4 Total Available for Return	\$ 35,241,366	\$ 6,933,935	\$ 42,175,301	
5 Overall Rate of Return	5.206%		6.405%	
6 Required Return	7.350%		6.818%	
7 Operating Income Requirement	\$ 49,753,326	\$ (4,863,575)	\$ 44,889,751	
8 Income Deficiency	\$ 14,511,960	\$ (11,797,510)	\$ 2,714,450	
9 Gross Revenue Requirement Factor	1.322837		1.322837	(2)
10 Revenue Deficiency	\$ 19,196,958	\$ (15,606,182)	\$ 3,590,775	
11 Revenues at Present Rates	\$ 206,416,272	\$ -	\$ 206,416,272	
12 Percentage Increase	9.300%		1.740%	
(1) Company Exhibit BCH-1 Revised Sch. 7				
(2) Company Exhibit BCH-1 Revised Sch. 3A				
State Income Tax	4.310000%			
Federal Income Tax	21.000000%			
Effective Tax Rate	20.090000%			
Composite Tax Rate	24.400000%			
Revenue Requirement Factor	1.322751			

Differences due to rounding

**WEIGHTED AVERAGE
 COST OF CAPITAL**

(1) Company Proposed	Ratios	Cost of Capital	Weighted Average
1 LT Debt	46.9600%	4.2189%	1.9812%
2 ST Debt	0.5400%	1.0000%	0.0100%
3 Common Equity	52.5000%	10.2000%	5.3550%
4 Total Capital	100.0000%		7.3500%

(2) ND PSC Advocacy Staff			
5 LT Debt	50.0000%	4.2200%	2.1100%
6 ST Debt	0.5000%	1.0000%	0.0050%
7 Common Equity	49.5000%	9.5000%	4.7025%
8 Total Capital	100.0000%		6.8175%

- (1) Company Workpaper C1
- (2) Exhibit MFG-20 Schedule 3

AVERAGE RATE BASE

	(1)		ND PSC	References	
	Company Proposed	Adjustments	Advocacy Staff		
<u>Electric Plant In Service</u>					
1	Production Plant	\$ 885,937,000	\$ -	\$ 885,937,000	
2	Transmission Plant	\$ 240,321,000	\$ -	\$ 240,321,000	
3	Distribution Plant	\$ 213,025,000	\$ (13,482,182)	\$ 199,542,818	
4	General Plant	\$ 72,035,000	\$ -	\$ 72,035,000	
5	Common Plant	\$ 60,477,000	\$ (4,430,000)	\$ 56,047,000	
6	Total Electric Plant In Service	\$ 1,471,795,000	\$ (17,912,182)	\$ 1,453,882,818	DM-5
<u>Reserve for Depreciation</u>					
7	Production Plant	\$ 471,529,000	\$ (1,742,277)	\$ 469,786,723	
8	Transmission Plant	\$ 60,624,000	\$ (1,000)	\$ 60,623,000	
9	Distribution Plant	\$ 80,327,000	\$ (447,411)	\$ 79,879,589	
10	General Plant	\$ 36,969,000	\$ 1,000	\$ 36,970,000	
11	Common Plant	\$ 28,392,000	\$ (444,000)	\$ 27,948,000	
12	Total Reserve for Depreciation	\$ 677,841,000	\$ (2,633,688)	\$ 675,207,312	DM-6
<u>Net Utility Plant In Service</u>					
13	Production Plant	\$ 414,408,000	\$ 1,742,277	\$ 416,150,277	
14	Transmission Plant	\$ 179,697,000	\$ 1,000	\$ 179,698,000	
15	Distribution Plant	\$ 132,698,000	\$ (13,034,771)	\$ 119,663,229	
16	General Plant	\$ 35,066,000	\$ (1,000)	\$ 35,065,000	
17	Common Plant	\$ 32,085,000	\$ (3,986,000)	\$ 28,099,000	
18	Net Electric Utility Plant In Service	\$ 793,954,000	\$ (15,278,494)	\$ 778,675,506	
19	Electric Utility Plant Held for Future Use	\$ -	\$ -	\$ -	
20	Constuction Work in Progress	\$ 1,914,000	\$ -	\$ 1,914,000	NDPSC 5-35
21	Accumulated Deferred Income Taxes	\$ (147,086,000)	\$ 2,347,601	\$ (144,739,399)	DM-7
22	Cash Working Capital	\$ (7,103,000)	\$ 841,200	\$ (6,261,800)	DM-8
23	Sub-Total	\$ 641,679,000	\$ (12,090,693)	\$ 629,588,307	
<u>Other Rate Base Items</u>					
24	Materials and Supplies	\$ 10,807,000	\$ -	\$ 10,806,596	DM-9
25	Fuel Inventory	\$ 6,579,000	\$ -	\$ 6,579,039	DM-9
26	Non-Plant Assets/Liabilities	\$ 8,415,000	\$ (2,062,000)	\$ 6,353,000	DM-9
27	Customer Advances	\$ (62,000)	\$ -	\$ (62,381)	DM-9
28	Customer Deposits	\$ (71,000)	\$ (274)	\$ (71,274)	DM-9
29	Prepays and Others	\$ 5,160,000	\$ -	\$ 5,159,576	DM-9
30	Regulatory Amortizations	\$ 4,409,000	\$ (4,313,000)	\$ 96,000	DM-9
31	Total Other Rate Base Items	\$ 35,237,000	\$ (6,376,444)	\$ 28,860,556	
32	Total Average Rate Base	\$ 676,916,000	\$ (18,467,137)	\$ 658,448,863	

(1) Company Exhibit BCH-1 Revised Sch. 15

OPERATING INCOME STATEMENT

	(1)						
	Company Proposed Present Rates	Rate Adjustments	Company Proposed Final Rates	Adjustments	Present Rates ND PSC Advocacy Staff	References	
<u>Operating Revenues</u>							
1	Retail Revenues	\$ 206,416,272	\$ 19,197,034	\$ 225,613,306		\$ 206,416,272	
2	Interdepartmental Revenues	\$ -	\$ -	\$ -			
3	Other Operating Revenues	\$ 39,560,473	\$ -	\$ 39,560,473	\$ (338,094)	\$ 39,222,379	
4	Total Operating Revenues	\$ 245,976,745	\$ 19,197,034	\$ 265,173,779	\$ (19,535,128)	\$ 245,638,651	
<u>Operating Expenses</u>							
5	Fuel & Purchased Energy	\$ 53,350,866	\$ -	\$ 53,350,866	\$ (340,887)	\$ 53,009,979	DM-12
6	Power Production	\$ 46,186,043	\$ -	\$ 46,186,043	\$ (1,999,182)	\$ 44,186,861	DM-13
7	Transmission	\$ 17,568,994	\$ -	\$ 17,568,994	\$ (730,344)	\$ 16,838,650	DM-14
8	Distribution	\$ 8,529,179	\$ -	\$ 8,529,179	\$ (3,232,236)	\$ 5,296,943	DM-15
9	Customer Accounting	\$ 4,008,156	\$ -	\$ 4,008,156	\$ (634,416)	\$ 3,373,740	DM-16
10	Customer Service & Info.	\$ 284,060	\$ -	\$ 284,060	\$ 31,244	\$ 315,304	DM-17
11	Sales Econ Develop & Other	\$ 118,859	\$ -	\$ 118,859	\$ (102,859)	\$ 16,000	DM-18
12	Admin. & General	\$ 16,782,031	\$ -	\$ 16,782,031	\$ (1,373,707)	\$ 15,408,324	DM-19
13	Total Operating Expenses	\$ 146,828,188	\$ -	\$ 146,828,188	\$ (8,382,386)	\$ 138,445,802	(2)
14	Depreciation Expense	\$ 54,543,818	\$ -	\$ 54,543,818	\$ (4,719,372)	\$ 49,824,446	DM-20
15	Amortization Expense	\$ 6,231,557	\$ -	\$ 6,231,557	\$ (572,578)	\$ 5,658,979	DM-21
16	Taxes Other Than Income	\$ 6,093,914	\$ -	\$ 6,093,914	\$ (241,172)	\$ 5,852,742	DM-22
17	State Income Taxes	\$ (597,661)	\$ 827,391	\$ 229,730	\$ 345,826	\$ 575,556	DM-23
18	Federal Income Taxes	\$ (2,364,428)	\$ 3,857,607	\$ 1,493,179	\$ 1,612,647	\$ 3,105,826	DM-24
19	Total Operating Expenses	\$ 210,735,388	\$ 4,684,998	\$ 215,420,386	\$ (11,957,035)	\$ 203,463,351	
20	AFUDC	\$ -	\$ -	\$ -			
21	Total Operating Income	\$ 35,241,357	\$ 14,512,036	\$ 49,753,393	\$ (7,578,092)	\$ 42,175,301	
22	Rate Base	\$ 676,916,000		\$ 676,916,000	\$ (18,467,137)	\$ 658,448,863	
23	Rate of Return	5.21%		7.35%		6.82%	

(1) Company Exhibit BCH-1 Revised Schedule 3A
Company Exhibit BCH-1 Revised Schedule 11

(2) Any differences due to rounding

SCHEDULE DM-5

PU-20-441

CONFIDENTIAL-FILED AS TRADE SECRET

SCHEDULE DM-6

PU-20-441

CONFIDENTIAL-FILED AS TRADE SECRET

SCHEDULE DM-7

PU-20-441

CONFIDENTIAL-FILED AS TRADE SECRET

CASH WORKING CAPITAL

(1)

		Company Proposed			ND PSC		References
		Lead/Lag Days	Dollars	Dollar x Days	Adjustments	Advocacy Staff	
<u>Fuel Expense</u>							
1	Coal/Rail Transport	19.130	\$ 10,225,000	\$ 195,604,250	\$ -	\$ 195,604,250	
2	Gas for Generation	39.340	\$ 9,087,000	\$ 357,482,580	\$ -	\$ 357,482,580	
3	Oil	11.500	\$ 1,000	\$ 11,500	\$ -	\$ 11,500	
4	Nuclear and EOL	0.000	\$ 7,779,000	\$ -	\$ -	\$ -	
5	Nuclear Disposal	0.000	\$ -	\$ -	\$ -	\$ -	
6	Total Fuel Expense		\$ 27,092,000	\$ 553,098,330	\$ -	\$ 553,098,330	
<u>Purchased Power</u>							
7	Purchases	39.690	\$ 33,163,000	\$ 1,316,239,470	\$ -	\$ 1,316,239,470	
8	Interchange	37.290	\$ 11,514,000	\$ 429,357,060	\$ -	\$ 429,357,060	
9	Total Purchased Power		\$ 44,677,000	\$ 1,745,596,530	\$ -	\$ 1,745,596,530	
<u>Labor & Related</u>							
10	Regular Payroll	11.900	\$ 26,917,000	\$ 320,312,300	\$ (28,586,426)	\$ 291,725,874	
11	Incentive	248.780	\$ 1,007,000	\$ 250,521,460	\$ (86,260,733)	\$ 164,260,727	
12	Pension & Benefits	37.290	\$ 4,998,000	\$ 186,375,420	\$ -	\$ 186,375,420	
13	Total Labor & Payroll		\$ 32,922,000	\$ 757,209,180	\$ (114,847,159)	\$ 642,362,021	
14	All Other Operating Expenses	39.250	\$ 49,271,000	\$ 1,933,886,750	\$ (238,431,164)	\$ 1,695,455,586	
15	Property Taxes	356.830	\$ 11,603,000	\$ 4,140,298,490	\$ (52,243,935)	\$ 4,088,054,555	
16	Employer's Payroll Taxes	30.140	\$ 2,032,000	\$ 61,244,480	\$ (5,607,700)	\$ 55,636,780	
17	Gross Earnings Tax	41.130	\$ 3,829,000	\$ 157,486,770	\$ -	\$ 157,486,770	
18	Federal Income Taxes	37.500	\$ (3,842,000)	\$ (144,075,000)	\$ 27,606,450	\$ (116,468,550)	
19	State Income Taxes	37.500	\$ (824,000)	\$ (30,900,000)	\$ 9,316,650	\$ (21,583,350)	
20	State Sales Tax Customer Billings	0.000	\$ -	\$ -	\$ -	\$ -	
21	Sub-Total		\$ 62,069,000	\$ 6,117,941,490	\$ (259,359,699)	\$ 5,858,581,791	
22	Total Expenses		\$ 166,760,000	\$ 9,173,845,530	\$ (374,206,858)	\$ 8,799,638,672	
23	Net Annual Expense		55.012	\$ 25,134,000	\$ (1,022,990)	\$ 24,111,010	
<u>Revenues</u>							
24	Retail Revenues	40.550	\$ 208,952,000	\$ 8,473,003,600	\$ (102,823,770)	\$ 8,370,179,830	
25	Late Payment	0.000	\$ 436,000	\$ -	\$ -	\$ -	
26	Misc. Services	40.550	\$ 448,000	\$ 18,166,400	\$ -	\$ 18,166,400	
27	Rentals	(100.200)	\$ 334,000	\$ (33,466,800)	\$ (1,062,320)	\$ (34,529,120)	NDPSC 5-38
28	Interchange	37.290	\$ 29,551,000	\$ 1,101,956,790	\$ -	\$ 1,101,956,790	
29	Sales for Resale	34.060	\$ 522,000	\$ 17,779,320	\$ -	\$ 17,779,320	
30	Retail Rev. Lag Days	40.550	\$ 84,000	\$ 3,406,200	\$ -	\$ 3,406,200	
31	MISO	14.000	\$ 424,000	\$ 5,936,000	\$ -	\$ 5,936,000	
32	Wholesale Lag Days	34.060	\$ 15,512,000	\$ 528,338,720	\$ -	\$ 528,338,720	
33	Total Revenues		\$ 256,263,000	\$ 10,115,120,230	\$ (103,886,091)	\$ 10,011,234,139	
34	Net Annual Amount		39.472	\$ 27,713,000	\$ (282,218)	\$ 27,430,782	
35	Expense/Revenue Factor			65.07%		65.07%	
36	Allocated Amount			\$ 18,033,894		\$ 17,849,210	
37	Net CWC			\$ (7,100,106)	\$ 838,305	\$ (6,261,800)	

(1) Company Exhibit BCH-1 Schedule 8

OTHER RATE BASE ITEMS

	(1) Company Proposed	Adjustments	ND PSC Advocacy Staff	References
1 Materials and Supplies - Total	\$ 174,923,376	\$ -	\$ 174,923,376	WP P5-2
2 North Dakota Allocation	6.178%		6.178%	
3 North Dakota Amount	\$ 10,806,596	\$ -	\$ 10,806,596	
4 Fuel Inventory - Total	\$ 97,123,363	\$ -	\$ 97,123,363	
5 North Dakota Allocation	6.774%		6.774%	
6 North Dakota Amount	\$ 6,579,039	\$ -	\$ 6,579,039	
7 Non-Plant Assets/Liabilities - Total	\$ 88,306,992	\$ (2,128,992)	\$ 86,178,000	WP P1-3
8 North Dakota Allocation	9.529%		7.372%	
9 North Dakota Amount	\$ 8,415,116	\$ (2,062,116)	\$ 6,353,000	
10 Customer Advances - Total	\$ (9,169,912)		\$ (9,169,912)	WP P9-2
11 North Dakota Allocation	0.680%		0.680%	
12 North Dakota Amount	\$ (62,381)		\$ (62,381)	
13 Customer Deposits - Total	\$ (44,930,376)	\$ -	\$ (44,930,376)	WP P9
14 North Dakota Allocation	0.159%		0.159%	
15 North Dakota Amount	\$ (71,274)	\$ -	\$ (71,274)	
16 Prepaid and Others - Total	\$ 80,616,733	\$ -	\$ 80,616,733	NDPSC 5-037
17 North Dakota Allocation	6.400%		6.400%	
18 North Dakota Amount	\$ 5,159,576	\$ -	\$ 5,159,576	
<u>Regulatory Amortizations</u>				
19 Electric Income Tax Tracker - ND	\$ 357,000	\$ (357,000)	\$ -	NDPSC 5-37
20 PI EPU Deferral - ND	\$ 3,955,000	\$ (3,955,000)	\$ -	NDPSC 5-37
21 NOL Tax Reform ADIT ARAM- Total	\$ 52,566,000			NDPSC 14-1
22 North Dakota Allocation	10.149%			
23 North Dakota Amount	\$ 5,335,000	\$ -	\$ 5,335,000	NDPSC 5-37
24 RER PTC Amortization - ND	\$ (5,239,000)	\$ -	\$ (5,239,000)	NDPSC 5-37/45
25 Total North Dakota Amount				WP-A21
26 (Lines 19, 20, 23, 24)	\$ 4,408,000	\$ (4,312,000)	\$ 96,000	
27 Total Other Rate Base Items	\$ 35,234,672	\$ (6,374,116)	\$ 28,860,556	

(1) Company P1-1 Summary TY 2021
Company Exhibit BCH-1 Revised Schedule 3A

OPERATING REVENUES

	(1)				Present Rates		
	Company		Company		ND PSC		
	Present Rates	Adjustments	Proposed	Adjustments	Advocacy Staff	References	
<u>Electric Retail Revenues</u>							
1	Energy Revenues	\$ 142,422,014					
2	Fuel Revenues	\$ 43,826,382					
3	RER Rider	\$ (2,671,439)					WP-A27
4	TCR Rider	\$ 136,191					WP-A28
5	Rider Revenues	\$ 22,702,687					
6	Total	\$ 206,416,272	\$ 19,197,034	\$ 225,613,306	\$ -	\$ 206,416,272	
<u>Other Operating Revenues</u>							
7	Connect Smart	\$ 2,896	\$ -	\$ 2,896	\$ -	\$ 2,896	
8	Electric Revenue - Other	\$ 1,863,345	\$ -	\$ 1,863,345	\$ 310,297	\$ 2,173,642	5-38
9	Operating Revenue- Interchange	\$ 29,440,013	\$ -	\$ 29,440,013	\$ -	\$ 29,440,013	
10	Trading Revenue	\$ 23,346,510	\$ -	\$ 23,346,510	\$ -	\$ 23,346,510	
11	Transmission Revenue	\$ 15,372,532	\$ -	\$ 15,372,532	\$ -	\$ 15,372,532	
12	PI EPU Interchange	\$ (39,334)	\$ -	\$ (39,334)	\$ -	\$ (39,334)	
13	Interchange Decommissioning	\$ (582,671)	\$ -	\$ (582,671)	\$ -	\$ (582,671)	
14	Sub-Total - Unadjusted	\$ 69,403,291	\$ -	\$ 69,403,291	\$ 310,297	\$ 69,713,588	
<u>Precedential Adjustments</u>							
15	Asset Trading - Revenue	\$ (10,716,813)	\$ -	\$ (10,716,813)	\$ -	\$ (10,716,813)	WP A7
16	Non-Asset Trading - Revenue	\$ (12,107,430)	\$ -	\$ (12,107,430)	\$ -	\$ (12,107,430)	WP A8
17	Depreciation Study Production	\$ 648,391	\$ -	\$ 648,391	\$ (648,391)	\$ -	WP A11
18	Depreciation Study - TD&G	\$ 84,531	\$ -	\$ 84,531	\$ -	\$ 84,531	WP A12
19	TCR Rider	\$ (7,751,497)	\$ -	\$ (7,751,497)	\$ -	\$ (7,751,497)	
20	Sub-Total	\$ (29,842,818)	\$ -	\$ (29,842,818)	\$ (648,391)	\$ (30,491,209)	
21	Total Other Electric Revenues	\$ 39,560,473	\$ -	\$ 39,560,473	\$ (338,094)	\$ 39,222,379	
22	Total Company Present Rates	\$ 245,976,745	\$ 19,197,034	\$ 265,173,779	\$ (338,094)	\$ 245,638,651	
(1)	Company WP - R6 Back-Up Company WP R5 Other Revenue						

**Operating & Maintenance Expenses
 Workpaper**

Three-Year Normalize		(1) Company Proposed		Adjustments	ND PSC Advocacy Staff	References
1	Fuel & Purchased Energy	\$ 53,350,866	\$	-	\$ 53,350,866	NSPSC 5-40
<u>Power Production</u>						
2	Fixed	\$ 31,066,266	\$	-	\$ 31,066,266	
<u>Fixed IA Investment</u>						
3	Fixed IA O&M	\$ 3,042,842	\$	-	\$ 3,042,842	
4	Variable	\$ 510,248	\$	(24,584)	\$ 485,664	DM-13
5	Variable IA O&M	\$ 1,053,581	\$	-	\$ 1,053,581	
6	Purchased Demand	\$ 9,827,919	\$	-	\$ 9,827,919	
7	Regional Markets	\$ 685,188	\$	(31,479)	\$ 653,709	DM-13
8	Transmission IA	\$ 7,417,449	\$	-	\$ 7,417,449	
9	Transmission	\$ 10,151,545	\$	(605,930)	\$ 9,545,615	DM-14
10	Distribution	\$ 8,529,179	\$	(1,426,175)	\$ 7,103,004	DM-15
11	Customer Accounting	\$ 4,008,156	\$	(516,414)	\$ 3,491,742	DM-16
12	Customer Service / Information	\$ 284,060	\$	31,304	\$ 315,364	DM-17
13	Sales, Economic Develop / Other	\$ 118,859	\$	-	\$ 118,859	DM-18
14	Administrative/General	\$ 16,782,031	\$	(908,384)	\$ 15,873,647	DM-19
15	Total	\$ 146,828,189	\$	(3,481,661)	\$ 143,346,528	

(1) Exhibit BCH-1 Revised Schedule 3A

SCHEDULE DM-12

PU-20-441

CONFIDENTIAL-FILED AS TRADE SECRET

SCHEDULE DM-13

PU-20-441

CONFIDENTIAL-FILED AS TRADE SECRET

TRANSMISSION EXPENSES

	(1) Company Proposed	Adjustments	ND PSC Advocacy Staff	References
1 Unadjusted Balance	\$ 24,420,000		\$ 23,814,070	NDPSC 5-40
2 Transmission	\$ -	\$ (605,930)		DM-11
3 Labor Adjustment	\$ -	\$ (124,420)	\$ (124,420)	NDPSC 5-20/54
Rider - Transmission Cost Recovery				
4 Rider (TCR)	\$ (6,851,000)	\$ -	\$ (6,851,000)	WP-A28 '5-40
5 Adjusted Balance	\$ 17,569,000	\$ (730,350)	\$ 16,838,650	

(1) Exhibit BCH-1 Revised Schedule 6

DISTRIBUTION EXPENSES

	(1) Company Proposed	Adjustments	ND PSC Advocacy Staff	References
1 Unadjusted Balance	\$ 8,529,000		\$ 6,076,943	NDPSC 5-040
2 ECustMNNND Border	\$ -	\$ (1,426,175)	\$ (1,426,175)	DM-11 - (2)
3 Labor Adjustment	\$ -	\$ (1,025,882)	\$ (1,025,882)	NDPSC 5-20/54
4 AGIS - FAN	\$ -	\$ (80,000)	\$ (80,000)	5-73
5 AGIS - AMI	\$ -	\$ (150,000)	\$ (150,000)	5-73
6 AGIS - ADMS	\$ -	\$ (210,000)	\$ (210,000)	5-73
7 AGIS - Other	\$ -	\$ (340,000)	\$ (340,000)	5-73
8 Adjustments - Other	\$ -			
9 Adjusted Balance	\$ 8,529,000	\$ (3,232,057)	\$ 5,296,943	

- (1) Exhibit BCH-1 Revised Schedule 6
 Exhibit KAB-1 page 28-32
 (2) NDPSC 14-2

CUSTOMER ACCOUNTING EXPENSE

	(1) Company Proposed	Adjustments	ND PSC Advocacy Staff	References
1 Unadjusted Balance	\$ 4,008,000		\$ 3,491,586	
2 EBadDebt		\$ (516,414)		DM-11 - (2)
3 Labor Adjustment	\$ -	\$ (17,846)	\$ (17,846)	NDPSC 5-20/54
	\$ -	\$ -		
4 AGIS - AMI	\$ -	\$ (100,000)	\$ (100,000)	5-73
5 AGIS-Other				5-74
6 Adjustments - Other	\$ -		\$ -	
7 Adjusted Balance	\$ 4,008,000	\$ (634,260)	\$ 3,373,740	5-40

(1) Company Exhibit BCH-1 Revised Schedule 6

(2) NDPSC 14-2

**CUSTOMER SERVICE &
 INFORMATION EXPENSE**

	(1) Company Proposed	Adjustments	ND PSC Advocacy Staff	References
1 Unadjusted Balance	\$ 284,000		\$ 315,304	
2 Adjustments	\$ -	\$ 31,304	\$ -	DM-11
3 Adjusted Balance	\$ 284,000	\$ 31,304	\$ 315,304	5-40

(1) Exhibit BCH-1 Revised Schedule 6

**SALES, ECONOMIC DEVELOPMENT
 AND OTHER EXPENSES**

	(1) Company Proposed	Adjustments	ND PSC Advocacy Staff	References
1 Unadjusted Balance	\$ 16,000	\$ -	\$ 16,000	
2 Economic Develop Donations	\$ 103,000	\$ (103,000)	\$ -	WP A13 5-29/51
3 Adjusted Balance	\$ 119,000	\$ (103,000)	\$ 16,000	

(1) Exhibit BCH-1 Revised Schedule 6

**ADMINISTRATIVE & GENERAL
 EXPENSES**

	(1) Company Proposed	Adjustments	ND PSC Advocacy Staff	References
1 Unadjusted Balance	\$ 17,885,000		\$ 16,976,616	
2 ECustMNND Border	\$ -	\$ (216,327)		DM-11 - (2)
3 EDemandProd	\$ -	\$ (229,574)		DM-11 - (4)
4 EDirectND	\$ -	\$ 241,780		DM-11 - (4)
5 TwoFactorAlloc	\$ -	\$ (704,263)		DM-11 - (4)
6 Labor Adjustment	\$ -	\$ (770,060)	\$ (770,060)	NDPSC 5-20/54
<u>Precedential Adjustments</u>				
7 NSPM - Advertising	\$ (237,734)	\$ (36,780)	\$ (274,514)	WP A1 - (2)
8 NSPM - Association Dues	\$ (21,599)	\$ (14,216)	\$ (35,815)	WP A2/5-50
9 NSPM - Aviation	\$ (99,354)	\$ (99,354)	\$ (198,708)	WP- A3 - 5-24
10 NSPM - Customer Deposits	\$ 2,814	\$ (1,196)	\$ 1,618	WP A4
11 NSPM - Employee Expenses	\$ (81,941)	\$ 658,432	\$ 576,491	WP A5/12-2
12 NSPM - Pension Non-Qualified SERP	\$ (17,186)	\$ 138,123	\$ 120,937	WP A6/12-2
13 Sub- Total	\$ (455,000)	\$ 645,009	\$ 190,009	
14 Dues - Chamber of Commerce	\$ 20,000	\$ (20,000)	\$ -	WP A20 5-56
15 Foundation and Other Donations	\$ 68,000	\$ (68,000)	\$ -	WP A14 5-52
16 Incentive Compensation	\$ (736,000)	\$ (252,241)	\$ (988,241)	WP-A15-18 - (3)
17 Adjusted Balance	\$ 16,782,000	\$ (1,373,676)	\$ 15,408,324	

- (1) Exhibit BCH-1 Revised Schedule 4 and 6
- (2) NDPSC DR 5-50
- (3) NDPSC 12-7
- (4) NDPSC 14-2

SCHEDULE DM-20

PU-20-441

CONFIDENTIAL-FILED AS TRADE SECRET

AMORTIZATION EXPENSE

	(1)		ND PSC	
	Company	Adjustments	Advocacy Staff	References
	Proposed			
1 Unadjusted Balance	\$ -			
2 Prairie Island EPU Uprate	\$ 308,000	\$ (308,000)	\$ -	WP-A19 NDPSC 5-79
3 Rider RER - PTC	\$ 4,903,000	\$ -	\$ 4,903,000	NDPSC-5-45
4 Income Tax Tracker	\$ 143,000	\$ (20,482)	\$ 122,518	NDPSC-5-59
5 ND RTF Amortization	\$ 184,000	\$ (184,000)	\$ -	WP-A-23 5-21
6 NOL ADIT ARAM	\$ 274,000	\$ -	\$ 274,000	NDPSC-5-60
7 Rate Case Expenses	\$ 419,000	\$ (59,538)	\$ 359,462	WP-A26
8 Adjusted Balance	\$ 6,231,000	\$ (572,021)	\$ 5,658,979	

(1) Exhibit BCH-1 Revised Schedule 6

SCHEDULE DM-22

PU-20-441

CONFIDENTIAL-FILED AS TRADE SECRET

SCHEDULE DM-23

PU-20-441

CONFIDENTIAL-FILED AS TRADE SECRET

SCHEDULE DM-24

PU-20-441

CONFIDENTIAL-FILED AS TRADE SECRET