

Manitoba Hydro

2014/2015 & 2015/2016 General Rate Application

**EXHIBIT LIST**

29 June 2015

**THE PUBLIC UTILITIES BOARD'S EXHIBITS**

Ex. #	PUB-1	PUB Letter to Past Interveners - Manitoba Hydro's 2015/16 & 2016/17 General Rate Application dated January 16, 2015 - with attachments: 1. Jan 6 2015 MH's Letter of Application & Timetable; 2. PUB Minimum Filing Requirements; 3. Draft Information Request Format
Ex. #	PUB-2	Notice of Application & Pre-Hearing Conference dated January 20, 2015
Ex. #	PUB-3	PUB Letter to Manitoba Hydro - MH 2014/15, 2015/16 & 2016/17 General Rate Application - January 27, 2015
Ex. #	PUB-4	PUB E-mail to Parties - Board Decision on PHC Deferral - February 4, 2015
Ex. #	PUB-5	PUB Rules of Practice and Procedure
Ex. #	PUB-6	Transcript of Pre-Hearing Conference of February 5, 2015
Ex. #	PUB-7	Draft Timetable
Ex. #	PUB-8	PUB Order No. 17/15 - Order Addressing MH's Application to Review and Vary the Board's January 27, 2015 Decisions

Ex. #	PUB-9	PUB Order No. 18/15 - Pre-Hearing Conference Procedural Order - February 4, 2015				
Ex. #	PUB-10-1	Public Utilities Board (PUB) to Manitoba Hydro (MH) - Round 1 Information Requests				Projected Losses
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Ex. #	PUB-10-3	"	"	"	"	Present Values of 2015/16 Rate Increase
Ex. #	PUB-10-4	"	"	"	"	IFF14 - Operating Results 2014/15 Rate Increase
Ex. #	PUB-10-5	"	"	"	"	Export Revenue
Ex. #	PUB-10-6	"	"	"	"	Credit Rating of Province of Manitoba & Manitoba Hydro
Ex. #	PUB-10-7	"	"	"	"	Rate Increase Alternative Scenarios
Ex. #	PUB-10-8	"	"	"	"	Operating Result Shortfall
Ex. #	PUB-10-9	"	"	"	"	Debt Management - Growth in Debt Levels
Ex. #	PUB-10-10	"	"	"	"	Weighted Average Interest Rate
Ex. #	PUB-10-11	"	"	"	"	Wuskwatim Power Limited Partnership (WPLP) - Cost Impacts
Ex. #	PUB-10-12	"	"	"	"	Major G&T Revenue Requirement
Ex. #	PUB-10-13	"	"	"	"	US Exchange Rate Impact on Export Revenue
Ex. #	PUB-10-14	"	"	"	"	Average Unit Export Revenue Calculations

Ex. #	PUB-10-15	"	"	"	"	Net Export Revenues
Ex. #	PUB-10-16	"	"	"	"	Extra Provincial Revenue - Energy & Capacity Sales into the Export Market
Ex. #	PUB-10-17	"	"	"	"	Capital Costs
Ex. #	PUB-10-18	"	"	"	"	Capital Expenditures - Target Adjustments
Ex. #	PUB-10-19	"	"	"	"	Asset Condition Assessment
Ex. #	PUB-10-20	"	"	"	"	Bipole III Project Cost
Ex. #	PUB-10-21	"	"	"	"	Manitoba-Minnesota 500kV Transmission Line
Ex. #	PUB-10-22	"	"	"	"	New Generation & Transmission Project Costs
Ex. #	PUB-10-23	"	"	"	"	Conawapa Expenditures
Ex. #	PUB-10-24	"	"	"	"	Keeyask Generating Station Project Costs
Ex. #	PUB-10-25	"	"	"	"	Capital Expenditure Forecast
Ex. #	PUB-10-26	"	"	"	"	Finance Expense and Interest Allocation
Ex. #	PUB-10-27	"	"	"	"	Amortization Expense
Ex. #	PUB-10-28	"	"	"	"	IFRS Transition
Ex. #	PUB-10-29	"	"	"	"	Wages and Salaries

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Ex. #	PUB-10-37	"	"	"	"	Depreciation -ASL vs. ELG
Ex. #	PUB-10-38	"	"	"	"	Depreciation Expense - Changes to Asset Lives
Ex. #	PUB-10-39	"	"	"	"	Depreciation & Amortization - ASL vs. ELG
Ex. #	PUB-10-40	"	"	"	"	Depreciation & Amortization - impact of Revenue Requirement of use of ASL vs. ELG
Ex. #	PUB-10-41	"	"	"	"	Changes in 2014 Depreciation Study
Ex. #	PUB-10-42	"	"	"	"	Changes in 2014 Depreciation Study
Ex. #	PUB-10-43	"	"	"	"	Changes in Depreciation Rates
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Ex. #	PUB-10-45	"	"	"	"	Depreciation Expense - Sustaining Capital Spending
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Ex. #	PUB-10-47	"	"	"	"	Diesel Rates
Ex. #	PUB-10-48	"	"	"	"	Surplus Energy Program - Increased Off-Peak Sales
Ex. #	PUB-10-49	"	"	"	"	Area & Roadway Lighting Rates - LED Rates
Ex. #	PUB-10-50	"	"	"	"	Bill Impacts - Limited Use of Billing Demand
Ex. #	PUB-10-51	"	"	"	"	Bill Impacts - Surplus Energy Program
Ex. #	PUB-10-52	"	"	"	"	Bill Impacts - Curtailable Rates Program
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Ex. #	PUB-10-54	"	"	"	"	General Consumers Sales - 10 Year Load Growth
Ex. #	PUB-10-55	"	"	"	"	DSM Impacts
Ex. #	PUB-10-56	"	"	"	"	Export Resources - Hydraulic Generation Available for Export
Ex. #	PUB-10-57	"	"	"	"	Domestic Load Forecasts - 10 Year Load Growth
Ex. #	PUB-10-58	"	"	"	"	Power Resource Plan
Ex. #	PUB-10-59	"	"	"	"	Domestic Revenues - DSM Impacts
Ex. #	PUB-10-60	"	"	"	"	Wind Energy Purchases

Ex. #	PUB-10-61	"	"	"	"	US Export Sales - Diversity Contract Sales
Ex. #	PUB-10-62	"	"	"	"	US Export Sales - Diversity Contract Sales
Ex. #	PUB-10-63	"	"	"	"	Forecast Financial Results - Operating
Ex. #	PUB-10-64	"	"	"	"	Export Contracts - Updated Contract Commitments
Ex. #	PUB-10-65	"	"	"	"	CEF - Consulting & Mitigation costs
Ex. #	PUB-10-66	"	"	"	"	HVDC - System Capabilities - Bipole I, II, & III Utilization
Ex. #	PUB-10-67	"	"	"	"	CEF - Sustaining (Base) Capital Expenditures
Ex. #	PUB-10-68	"	"	"	"	Pointe du Bois Powerhouse
Ex. #	PUB-10-69	"	"	"	"	Export Revenue
Ex. #	PUB-10-70	"	"	"	"	OM&A Expenditures - Cost Containment Initiatives
Ex. #	PUB-10-71	"	"	"	"	Weather Impacts - Heating Degree Day
Ex. #	PUB-10-72	"	"	"	"	OM&A Expense - Changes in OM&A Expense
Ex. #	PUB-10-73	"	"	"	"	OM&A - Accounting Changes
Ex. #	PUB-10-74	"	"	"	"	OM&A Expense - Accounting Changes
Ex. #	PUB-10-75	"	"	"	"	Interest Rate Forecast - Weighted Average Interest Rate
Ex. #	PUB-10-76	"	"	"	"	Financial Results - Impact of Interim Rate Increase

Ex. #	PUB-10-77	"	"	"	"	IFF13 & IFF14 - Forecast Accuracy
Ex. #	PUB-10-78	"	"	"	"	CEC Hearings - Lake Winnipeg Regulation (LWR)
Ex. #	PUB-10-79	"	"	"	"	CEC Hearings - Lake Winnipeg Regulation (LWR)
Ex. #	PUB-10-80	"	"	"	"	CEC Hearings - Lake Winnipeg Regulation (LWR) - Licence Renewal Alternatives
Ex. #	PUB-10-81	"	"	"	"	Export Revenue - Firm & Opportunity Sales
Ex. #	PUB-10-82	"	"	"	"	Opportunity Sales
Ex. #	PUB-10-83	"	"	"	"	Power Resources - Hydraulic Generation
Ex. #	PUB-10-84	"	"	"	"	Order 43/13 Directive 10 - Risk
Ex. #	PUB-11	PUB to MH Letter Re: Manitoba Hydro's February 23 and February 25, 2015 Letters regarding Information Requests - March 2, 2015				
Ex. #	PUB-12	Board Order 28/15 - Order Addressing Manitoba Keewatinowi Okimakanak, Inc.'s (MKO) Application to Review and Vary Board Order No. 18/15 dated February 9, 2015 in Respect of the Scope of MKO's Intervention into Manitoba Hydro's General Rate Application - dated March 2, 2015				
Ex. #	PUB-13	Board Order 33/15- Procedural Order in Respect of Challenged Round 1 Information Requests in Manitoba Hydro's 2014/15 and 2015/16 General Rate Application Hearing - March 16, 2015				
Ex. #	PUB-14	Erratum to Board Order 33/15 - dated March 23, 2015				
Ex. #	PUB-15-1	Public Utilities Board (PUB) to Manitoba Hydro (MH) - Round 2 Information Requests	Projected Rate Increases - Rate Increases Alternative Scenarios			

Ex. #	PUB-15-2	"	"	"	"	Major & Sustaining Capital Expenditures Impact on Revenue Requirement
Ex. #	PUB-15-3	"	"	"	"	Present Values of GRA Rate Increases
Ex. #	PUB-15-4	"	"	"	"	Diversity Contract Sales
Ex. #	PUB-15-5	"	"	"	"	Major G&T Revenue Requirement
Ex. #	PUB-15-6	"	"	"	"	Cost of Impacts to MH Ratepayers of the Amended WPLP Agreement
Ex. #	PUB-15-7	"	"	"	"	Cost of Impacts to MH Ratepayers of the Amended WPLP Agreement
Ex. #	PUB-15-8	"	"	"	"	Market Prices for Firm Contract Sales
Ex. #	PUB-15-9	"	"	"	"	MISO Export Contracts - Accredited Capacity
Ex. #	PUB-15-10	"	"	"	"	Detail of Capital Costs - include Conawapa
Ex. #	PUB-15-11	"	"	"	"	Detail of Capital Costs - Bipole III
Ex. #	PUB-15-12	"	"	"	"	Bipole III Project Cost - Cost Escalation
Ex. #	PUB-15-13	"	"	"	"	Bipole III Project Cost - Cost Escalation - Capacity



Ex. #	PUB-15-14	"	"	"	"	New Generation & Transmission Project Costs
Ex. #	PUB-15-15	"	"	"	"	Conawapa Expenditures
Ex. #	PUB-15-16	"	"	"	"	Keeyask Project Costs - Revised cost estimate
Ex. #	PUB-15-17	"	"	"	"	Pointe du Bois Powerhouse Rebuild
Ex. #	PUB-15-18	"	"	"	"	Wages and Labour - Staffing Levels
Ex. #	PUB-15-19	"	"	"	"	Cost Savings Initiatives - Policy Changes (impacts)
Ex. #	PUB-15-20	"	"	"	"	OM&A Expense - Cost Savings Initiatives
Ex. #	PUB-15-21	"	"	"	"	Depreciation - ASL vs. ELG
Ex. #	PUB-15-22	"	"	"	"	Depreciation - ASL vs. ELG
Ex. #	PUB-15-23	"	"	"	"	Depreciation - ASL vs. ELG
Ex. #	PUB-15-24	"	"	"	"	Depreciation - ASL vs. ELG
Ex. #	PUB-15-25	"	"	"	"	Depreciation & Amortization - Impact on Revenue Requirement of use of ASL vs ELG

Ex. #	PUB-15-26	"	"	"	"	2014 Depreciation Study
Ex. #	PUB-15-27	"	"	"	"	Depreciation Expense - Crossover Point for ALS or ELG
Ex. #	PUB-15-28	"	"	"	"	Depreciation Rates
Ex. #	PUB-15-29	"	"	"	"	Depreciation Expense - Sustaining Capital Spending
Ex. #	PUB-15-30	"	"	"	"	Revenue Requirements - Sustaining Capital
Ex. #	PUB-15-31	"	"	"	"	Revenue Requirements - Net Export Revenue Forecasts
Ex. #	PUB-15-32	"	"	"	"	Net Revenue Requirement for each major G&T project
Ex. #	PUB-15-33	"	"	"	"	Depreciation Rate Changes
Ex. #	PUB-15-34	"	"	"	"	Industry Sector Load Growth
Ex. #	PUB-15-35	"	"	"	"	DSM Impacts
Ex. #	PUB-15-36	"	"	"	"	Export Contracts - Sales from 2015 to 2030
Ex. #	PUB-15-37	"	"	"	"	Actual 2013/14 power resources

Ex. #	PUB-15-38	"	"	"	"	Bipole I, II & III Utilization
Ex. #	PUB-15-39	"	"	"	"	Sustaining (Base) Capital Expenditures - Projected Spending Levels
Ex. #	PUB-15-40	"	"	"	"	Sustaining (Base) Capital Expenditures - Increased Spending Levels
Ex. #	PUB-15-41	"	"	"	"	EPA impact on Unit Export Revenues
Ex. #	PUB-15-42	"	"	"	"	OM&A Expenditures - Cost Containment Initiatives
Ex. #	PUB-15-43	"	"	"	"	OM&A - Accounting Changes
Ex. #	PUB-15-44	"	"	"	"	OM&A - Accounting Changes
Ex. #	PUB-15-45	"	"	"	"	Financial Results - Impact of Rate Increases
Ex. #	PUB-15-46	"	"	"	"	Change in Capital Expenditure Forecast
Ex. #	PUB-15-47	"	"	"	"	Rate Increases - Detail of Rate Increases
Ex. #	PUB-15-48	"	"	"	"	Rate Increases - Alternative Rate Scenarios
Ex. #	PUB-15-49	"	"	"	"	OM&A Expenditures - Cost Containment Initiatives

Ex. #	PUB-15-50	"	"	"	"	EFT Metrics
Ex. #	PUB-15-51	"	"	"	"	Salary Wages & Benefits Capitalized
Ex. #	PUB-15-52	"	"	"	"	OM&A Expense - Expense Growth
Ex. #	PUB-15-53	"	"	"	"	OM&A - Quarterly Report Results
Ex. #	PUB-15-54	"	"	"	"	Depreciation Expense - ELG vs ASL
Ex. #	PUB-15-55	"	"	"	"	Depreciation Expense - ASL vs. ELG
Ex. #	PUB-15-56	"	"	"	"	Depreciation Expense - ASL vs. ELG
Ex. #	PUB-15-57	"	"	"	"	Depreciation Expense - ASL vs. ELG
Ex. #	PUB-15-58	"	"	"	"	Domestic Load Forecasts - Residential Sales Forecasts - Electric Heating
Ex. #	PUB-15-59	"	"	"	"	Depreciation Expense - ASL vs. ELG
Ex. #	PUB-15-60	"	"	"	"	Depreciation - Treatment of Gains & Losses on Asset Retirement
Ex. #	PUB-15-61	"	"	"	"	Depreciation Expense - ASL vs. ELG

Ex. #	PUB-15-62	"	"	"	"	Domestic Load Forecasts - Residential Sales Forecasts - Electric Heating
Ex. #	PUB-15-63	"	"	"	"	Export Sales - NEB-MISO Sales - Timing/Make-up of MISO Sales
Ex. #	PUB-15-64	"	"	"	"	Depreciation Expense - ASL vs. ELG
Ex. #	PUB-15-65	"	"	"	"	MISO Export Contracts - Market Prices for Firm Contract Sales
Ex. #	PUB-15-66	"	"	"	"	Opportunity Sales - Winter Imports
Ex. #	PUB-15-67	"	"	"	"	Internally Generated Funds - Surplus to Sustaining Capital Spending
Ex. #	PUB-15-68	"	"	"	"	Total Income - IFF11-2 vs IFF14
Ex. #	PUB-15-69	"	"	"	"	Depreciation Expense - Changes in 2014 Depreciation Study
Ex. #	PUB-15-70	"	"	"	"	Depreciation - Overview of Depreciation Method Changes
Ex. #	PUB-15-71	"	"	"	"	Electric Operations Forecasts - Financial Targets
Ex. #	PUB-15-72	"	"	"	"	Credit Rating of Province of Manitoba & Manitoba Hydro
Ex. #	PUB-15-73	"	"	"	"	Electric Operations Forecasts - Financial Targets

Ex. #	PUB-15-74	"	"	"	"	Bipole III Project Costs - Cost Escalation and Scope Change
Ex. #	PUB-15-75	"	"	"	"	CEC Hearings - Lake Winnipeg Regulation - Licence Renewal Implications
Ex. #	PUB-15-76	"	"	"	"	Electric Load Forecast
Ex. #	PUB-15-77	"	"	"	"	Drought - Net Revenue Reductions
Ex. #	PUB-15-78	"	"	"	"	Electric Load Forecast - Electric Heat Customers
Ex. #	PUB-15-79	"	"	"	"	Export Revenues - Opportunity Sales
Ex. #	PUB-15-80	"	"	"	"	Impact of IFRS
Ex. #	PUB-15-81	"	"	"	"	Export Revenue -Changes in Economic Variables impact on IFF
Ex. #	PUB-15-82	"	"	"	"	Export Revenue - Changes in Export Revenue
Ex. #	PUB-15-83	"	"	"	"	Export Revenue - Average Unit Export Revenue Changes
Ex. #	PUB-15-84	"	"	"	"	Order 43/13 Directive 10 - Risk
Ex. #	PUB-15-85	"	"	"	"	Infrastructure Risk - Prolonged Loss of Supply

Ex. #	PUB-15-86	"	"	"	"	Loss of Export Market Access - MISO Rule Changes
Ex. #	PUB-15-87	"	"	"	"	Export Revenues -Average Flow Year Unit Revenue
Ex. #	PUB-15-88	"	"	"	"	Finance Expense - Interest Rates
Ex. #	PUB-15-89	"	"	"	"	Export Revenue - Changes in Export Revenue
Ex. #	PUB-15-90	"	"	"	"	Water Supply Variation - Drought Risk
Ex. #	PUB-15-91	"	"	"	"	2014 Power Resource Plan - Capacity & Energy Suplus
Ex. #	PUB-16	Reminder Notice of Public Hearing - dated April 21, 2015				
Ex. #	PUB-17-1	Public Utilities Board (PUB) to Green Action Centre (GAC) Roger Colton's Pre-filed Evidence - Information Requests				Home Energy Insecurity Scale
Ex. #	PUB-17-2	"	"	"	"	Programmatic Planning Process, re: Inability to Pay
Ex. #	PUB-17-3	"	"	"	"	Customer Segmentation Study
Ex. #	PUB-17-4	"	"	"	"	Payment Characteristics and Payment Patterns of Vulnerable Customers
Ex. #	PUB-17-5	"	"	"	"	Measurement of Reponses to non-payment and inability to pay

Ex. #	PUB-17-6	"	"	"	"	Residential Customers in Arrears payment patterns and characteristics
Ex. #	PUB-17-7	"	"	"	"	Electric Accounts Receivable - Opportunity Cost
Ex. #	PUB-17-8	"	"	"	"	Cost-effectiveness Study
Ex. #	PUB-17-9	"	"	"	"	Willingness-To-Pay Analysis
Ex. #	PUB-17-10	"	"	"	"	Affordable Program Experiences in U.S. States
Ex. #	PUB-17-11	"	"	"	"	Increased Net Back
Ex. #	PUB-17-12	"	"	"	"	Increased Long Term Payment Success
Ex. #	PUB-17-13	"	"	"	"	Improved Price Signals
Ex. #	PUB-17-14	"	"	"	"	Structure of a Collaborative Process
Ex. #	PUB-17-15	"	"	"	"	Arrearage Management
Ex. #	PUB-17-16	"	"	"	"	Affordability Program - Pilot/Demonstration Project
Ex. #	PUB-17-17	"	"	"	"	Ontario Energy Board Report, Section 1 (Developing an Ontario Electricity Support Program December 22, 2014)
Ex. #	PUB-17-18	"	"	"	"	Eligibility for the OESP Program
Ex. #	PUB-17-19	"	"	"	"	OESP Evaluation and Implementation



Ex. #	PUB-18-1	Public Utilities Board (PUB) to Manitoba Industrial Power Users Group (MIPUG) - Information Requests				P. Lee's direct evidence for the 2012 depreciation application proceeding in Newfoundland and Labrador
Ex. #	PUB-18-2	"	"	"	"	P. Lee - ELG vs. ASL
Ex. #	PUB-18-3	"	"	"	"	P. Lee - ELG Rate
Ex. #	PUB-18-4	"	"	"	"	P. Lee - Data Requirement for ELG
Ex. #	PUB-18-5	"	"	"	"	P. Lee - ELG Implementation
Ex. #	PUB-18-6	"	"	"	"	P. Lee - Depreciation & Amortization
Ex. #	PUB-18-7	"	"	"	"	P. Lee - Depreciation Reserve Surplus
Ex. #	PUB-18-8	"	"	"	"	P. Lee - ASL vs. ELG Depreciation Methodology Comparison
Ex. #	PUB-18-9	"	"	"	"	P. Bowman - Capitalized Overhead Costs/Regulatory Deferral Accounts
Ex. #	PUB-18-10	"	"	"	"	P. Bowman - IFRS Adoption
Ex. #	PUB-18-11	"	"	"	"	P. Bowman - Adjusted Capital Expenditure Forecast
Ex. #	PUB-18-12	"	"	"	"	P. Bowman - Staffing Vacancy Rate
Ex. #	PUB-18-13	"	"	"	"	P. Bowman - Forecast Capital Spending Changes
Ex. #	PUB-18-14	"	"	"	"	P. Bowman - Asset Condition Assessment Reporting

Ex. #	PUB-18-15	"	"	"	"	P. Bowman - Recovery of Surplus Book Accumulated Depreciation
Ex. #	PUB-18-16	"	"	"	"	P. Bowman - ELG Depreciation
Ex. #	PUB-18-17	"	"	"	"	P. Bowman - Peer Utility Depreciation Practices
Ex. #	PUB-18-18	"	"	"	"	P. Bowman - DSM Spending
Ex. #	PUB-18-19	"	"	"	"	P. Bowman - DSM Spending
Ex. #	PUB-18-20	"	"	"	"	P. Bowman - Curtailable Rate Program
Ex. #	PUB-19	PUB Letter dated May 12, 2015 re: Coalition's Budget Revisions				
Ex. #	PUB-20-1	PUB Counsel Book of Documents - Volume 1				
Ex. #	PUB-20-2	PUB Counsel Book of Documents - Volume 2				
Ex. #	PUB-20-3	PUB Counsel Book of Documents - Volume 3				
Ex. #	PUB-20-4	PUB Counsel Book of Documents - Volume 4				
Ex. #	PUB-20-5	PUB Counsel Book of Documents - Volume 5				
Ex. #	PUB 20-6	PUB Counsel Book of Documents - Volume 6				
Ex. #	PUB-21	Comparison of 2015/16 Forecasted DSM Savings				
Ex. #	PUB-22	Public Utility Depreciation Practices - August 1996 - National Association of Regulatory Utility Commissioners				

## MANITOBA HYDRO EXHIBITS

Ex. #	MH-1	MH to PUB Letter - Letter of Application GRA 2015/16 and 2016/17 - January 16, 2015
Ex. #	MH-2	Manitoba Hydro General Rate Application - Supporting Materials - January 23, 2015
Ex. #	MH-3	MH to PUB Letter - General Rate Application R&V - January 30, 2015
Ex. #	MH-4	MH to PUB Letter - Response to PUB Minimum Filing Requirements - February 4, 2015
Ex. #	MH-5	MH to PUB Letter - Request for Adjournment of Pre-Hearing Conference - February 4, 2015
Ex. #	MH-6	MH to PUB Letter - Pre Hearing Conference - Intervener Applications - February 4, 2015
Ex. #	MH-7	Manitoba Hydro's Comments on Consumer Coalition's Budget of February 6, 2015
Ex. #	MH-8	MH to PUB Letter re Scope of First Round Information Requests - February 23, 2015
Ex. #	MH-9	MH to PUB Letter - Scope of Round 1 Information Requests - February 25, 2015
Ex. #	MH-10	MH to PUB - MHEB Quarterly Report and Depreciation Directives - February 27, 2015
Ex. #	MH-11	MH to PUB Letter - Scope of Round 1 Information Requests - March 3, 2015
Ex. #	MH-12	MH to PUB - Revised Public Utilities Board Minimum Filing Requirements - March 11, 2015
Ex. #	MH-13	MH to PUB - Round 1 Information Requests & Amendment of Timetable - March 12, 2015
Ex. #	MH-14	MH to PUB - Cover Letter - Round 1 Information Requests - Additional responses (List Attached)- March 18, 2015

Ex. #	MH-15	MH to PUB - Cover Letter - Round 1 Information Requests - Additional Responses (List Attached) - March 20, 2015				
Ex. #	MH-16	MH to PUB - Cover Letter Round 1 Information Requests - Additional Responses (List Attached) - March 23, 2015				
Ex. #	MH-17	MH to PUB -Cover Letter Round I Information Requests - Additional Responses - April 2, 2015				
Ex. #	MH-18	MH to PUB - Cover Letter - Round I Information Requests - Additional Responses - April 15, 2015				
Ex. #	MH-19	MH to PUB - Cover Letter - Round II Information Requests - April 17, 2015				
Ex. #	MH-20	MH to PUB - Cover Letter - Round II Information Requests - April 20, 2015				
Ex. #	MH-21	MH to PUB - Cover Letter - Round II Information Requests, Revised Responses to Coalition/MH I-69 and MIPUG/MH I-36; Revised Appendix 9.1 - April 30, 2015				
Ex. #	MH-22	MH to PUB - Cover Letter - Manitoba Hydro Information Requests of Intervener evidence - May 1, 2015				
Ex. #	MH-23-1	Manitoba Hydro to Patrick Bowman of InterGroup Consultants Ltd. on behalf of MIPUG - Information Requests			Expert Qualifications	
Ex. #	MH-23-2	"	"	"	"	Data tables
Ex. #	MH-23-3	"	"	"	"	Accounting Changes
Ex. #	MH-23-4	"	"	"	"	IFRS
Ex. #	MH-23-5	"	"	"	"	Regulatory Deferral Accounts
Ex. #	MH-23-6	"	"	"	"	DSM

Ex. #	MH-24-1	Manitoba Hydro to Patricia Lee on behalf of MIPUG and COALITION - Information Requests	Expert Qualifications
Ex. #	MH-24-2	" " " "	Expert Qualifications
Ex. #	MH-24-3	" " " "	Expert Qualifications
Ex. #	MH-24-4	" " " "	Expert Qualifications
Ex. #	MH-24-5	" " " "	Expert Qualifications
Ex. #	MH-24-6	" " " "	Accounting Changes
Ex. #	MH-25-1	Manitoba Hydro to Roger Colton on behalf of Green Action Centre - Information Requests	Bill Affordability
Ex. #	MH-25-2	" " " "	Bill Affordability
Ex. #	MH-26	Manitoba Hydro to PUB - Revised Coalition Budget - dated May 6, 2015	
Ex. #	MH-27	MH to PUB re Additional Responses to Round II Information Requests - dated May 15, 2015	
Ex. #	MH-28	MH to PUB re - Wuskwatim Power Limited Partnership (WPLP) - Directive 11 Order 43-13 - dated May 15, 2015	
Ex. #	MH-29	Manitoba Hydro Rebuttal Evidence - May 20, 2015	
Ex. #	MH-30	Affidavit of Publication of Notice of Application and Pre-Hearing Conference and Affidavit of Publication of Reminder Notice of Public Hearing	
Ex. #	MH-31	Manitoba Hydro Presentation - Manitoba Hydro 2015 General Rate Application	

Ex. #	MH-32	Manitoba Hydro Witness Qualifications for Policy Panel - Scott Thomson, Darren Rainke, Lloyd Kuczek
Ex. #	MH-33	Manitoba Hydro 2015/16 & 2016/17 GRA Round II Information Requests Cover Letter dated May 22, 2015
Ex. #	MH-34	Manitoba Hydro Organization Chart
Ex. #	MH-35	Manitoba Hydro Witness Qualifications - Planning and Operations Panel
Ex. #	MH-36	Manitoba Hydro Presentation - Planning and Operations Panel
Ex. #	MH-37	Scope of PowerStream's Vegetation Management Program
Ex. #	MH-38	Asset Base of PowerStream Wood Pole Population
Ex. #	MH-39	Asset Base of Power Stream Underground Cable Population
Ex. #	MH-40	Manitoba Hydro Undertaking #10 - Proportion of aboriginal staff declared Metis
Ex. #	MH-41	Manitoba Hydro Undertaking #19 - Aggregate megawatt months selected generating assets out of service
Ex. #	MH-42	Manitoba Hydro Undertaking #8 - Reduction in Government fees to limit rate increases to 3.0 percent
Ex. #	MH-43	Manitoba Hydro Undertaking #9 - Financial runs showing reduction in water rentals and capital taxes to reduce rate increases from 8 percent to 4 percent and 6 percent to 4 percent for projected future increases
Ex. #	MH-44	Manitoba Hydro Undertaking #20 - Generation asses condition for Nelson River facilities and Grand Rapids
Ex. #	MH-45	Manitoba Hydro Undertaking #4 - Ministerial letter in response to Public Utilities Board NFAT recommendations
Ex. #	MH-46	Manitoba Hydro Exhibit #41 from 2012 General Rate Application

Ex. #	MH-47	Manitoba Hydro Undertaking #11 - Landowner Expropriations
Ex. #	MH-48	Manitoba Hydro Undertaking #17 - Bipole III Captial Project Justifications
Ex. #	MH-49	Manitoba Hydro Undertaking # 21 - Bipole Average Year Operation
Ex. #	MH-50	Manitoba Hydro Undertaking #22 - Bipole III Alternatives
Ex. #	MH-51	Manitoba Hydro Witness Qualifications for Finance Panel - Liz Carriere, Ian Page, Manny Schulz
Ex. #	MH-52	Manitoba Hydro Presentation - Finance Panel
Ex. #	MH-53	Manitoba Hydro Presentation - Great Northern Transmission Line
Ex. #	MH-54	Manitoba Hydro Undertaking #16 - Great Northern Transmission Line Alternative Routes
Ex. #	MH-55	MMF/MH I-40 (c) Revised
Ex. #	MH-56	Manitoba Hydro Undertaking #3 - Graph of accounting changes showing depreciation expense
Ex. #	MH-57	Manitoba Hydro Presentation - Why we need Bipole III
Ex. #	MH-58	Manitoba Hydro Undertaking - Interest Rate and Exchange Rate Comparison
Ex. #	MH-59	Manitoba Hydro Undertaking #12 - Sales and Deliveries during 500 kV Transmission Line Outage
Ex. #	MH-60	Manitoba Hydro Undertaking #13 - Power Sales during 500 kV Transmission Line Outage
Ex. #	MH-61	Manitoba Hydro Undertaking #14 - Supply/Demand Tables consistent with IFF14 assumptions relatged to thermal generation

Ex. #	MH-62	Manitoba Hydro Undertaking #23 - Project Description and Budget for Bipole I and II anchor replacement included in CEF14
Ex. #	MH-63	Manitoba Hydro Witness Qualifications - Rates and DSM Panel
Ex. #	MH-64	Manitoba Hydro Presentation - Electricity Rates
Ex. #	MH-65	Manitoba Hydro Undertaking #24 - Project Value Template
Ex. #	MH-66	Manitoba Hydro Undertaking #28 - PUB/MH II-59 revised for dependable energy
Ex. #	MH-67	Manitoba Hydro Presentation - Load, DSM and Rates Panel
Ex. #	MH-68	PUB Counsel Book of Documents - Volume 5 Tab #3 Page 35 Revised
Ex. #	MH-69	Manitoba Hydro Undertaking #8 -Current Building Code Requirements for Energy Efficiency
Ex. #	MH-70	Manitoba Hydro Undertaking #42 - EBITDA Interest Coverage Ratio
Ex. #	MH-71	Manitoba Hydro Undertaking #34 Foreign Exchange Rate Impacts on Net Income
Ex. #	MH-72	Manitoba Hydro PowerSmart Plan - 2014 to 2017
Ex. #	MH-73	Manitoba Hydro Book of Documents - Cross Examination of Roger Colton
Ex. #	MH-74	Manitoba Hydro Witness Qualifications - Depreciation Panel - Michelle Hooper
Ex. #	MH-75	Manitoba Hydro Presentation - Depreciation
Ex. #	MH-76	Manitoba Hydro Undertaking #1 (Informal) - Great Northern Transmission Line Capital Cost



Ex. #	MH-77	Manitoba Hydro Undertaking #2 (Informal) - Great Northern Transmission Line Accounting Under Sharing Arrangements
Ex. #	MH-78	Manitoba Hydro Undertaking #3 - Union Agreement End Dates
Ex. #	MH-79	Manitoba Hydro Undertaking #1 - Average Bills of Residential Customers Outside of Winnipeg
Ex. #	MH-80	Manitoba Hydro Undertaking #2 - Average Residential Bills compared to Other Jurisdictions
Ex. #	MH-81	Manitoba Hydro Undertaking #25 - Asset Health Index Tool for Buildings
Ex. #	MH-82	Manitoba Hydro Undertaking #39 - Update to Consensus Forecast from Financial Institutions
Ex. #	MH-83	Manitoba Hydro Undertaking #49 - DSM Investment Summary Chart
Ex. #	MH-84	Manitoba Hydro Undertaking #57 - Surplus Energy Program Quarterly Reporting
Ex. #	MH-85	Manitoba Hydro Supporting Documents for ELG From Manitoba Hydro Rebuttal Evidence
Ex. #	MH-86	Manitoba Hydro Undertaking #40 - Bipole III Bids
Ex. #	MH-87	Manitoba Hydro Undertaking #41 - Bipole III Technology Response
Ex. #	MH-88	Manitoba Hydro Undertaking #6 - Sensitivity Analysis of Increased Pipeline Load
Ex. #	MH-89	Manitoba Hydro Undertaking #5 - Service Extension Policies
Ex. #	MH-90	Manitoba Hydro Undertaking #18 - Explanation of Cost Increase for Keewatinok and Riel
Ex. #	MH-91	Manitoba Hydro Undertaking #30 - Keeyask Cofferdam Contingency

Ex. #	MH-92	Manitoba Hydro Undertaking #46 - Position on 3% Discount Rate in NFAAT
Ex. #	MH-93	Manitoba Hydro Undertaking #60 - Number of DSM EFT's
Ex. #	MH-94	Manitoba Hydro Undertaking #65 - First Nation DSM Targets Breakdown
Ex. #	MH-95	Manitoba Hydro Undertaking #67 - Electronic Thermostat Verification
Ex. #	MH-96	Manitoba Hydro Undertaking #31 - Timing of Capital Taxes and Water Rentals
Ex. #	MH-97	Manitoba Hydro Undertaking #77 - Deferral Account Recovered Over Remaining Service Life
Ex. #	MH-98	Manitoba Hydro Undertaking #5 (informal) - 50% of DSM Savings Apportioned
Ex. #	MH-99	Manitoba Hydro Undertaking #7 - Bipole III List of Communities Invested
Ex. #	MH-100	Manitoba Hydro Undertaking #32 - Refinement data by Category
Ex. #	MH-101	Manitoba Hydro Undertaking #35 - Refiling of Page 223 of Book of Documents Regarding Staffing Reductions
Ex. #	MH-102	Manitoba Hydro Undertaking #37 - Hydro Quebec and BC Hydro Payments to Government
Ex. #	MH-103	Manitoba Hydro Undertaking #43 - Analysis of EFT's by Project
Ex. #	MH-104	Manitoba Hydro Undertaking #44 - Organization and Control Changes Respecting Capital Projects
Ex. #	MH-105	Manitoba Hydro Underaking #45 - Proportion of Mitigation Costs Relative to Total Costs
Ex. #	MH-106	Manitoba Hydro Undertaking #55 - Chart Comparing Customer Peak Demands

Ex. #	MH-107	Manitoba Hydro Undertaking #58 - Quantity of Luminaries Transferred from Winnipeg
Ex. #	MH-108	Manitoba Hydro Undertaking #64 - Budget Projections for 2016 for Affordable Energy Program
Ex. #	MH-109	Manitoba Hydro Undertaking #68 - Comparison of 60 Gigajoules heat output options
Ex. #	MH-110	Manitoba Hydro Undertaking #69 - Capital Cost for Electric and Natural Gas Furnaces
Ex. #	MH-111	Manitoba Hydro Undertaking #70 - Average 2014 percentage of arrears accounts
Ex. #	MH-112	Manitoba Hydro Undertaking #76 - Two Asset Sub-Ledgers Resulting Negative Salvage Values
Ex. #	MH-113	Manitoba Hydro Undertaking #73 - 20 Year IFF Scenarios For Various Percentage Increases
Ex. #	MH-114	Manitoba Hydro Undertaking #27 - Alternatives Regarding Sustaining Capital Expenditures
Ex. #	MH-115	Manitoba Hydro Undertaking #29 - "Other" Pacing of Sustaining Capital for IFF14
Ex. #	MH-116	Manitoba Hydro Undertaking # 47 - Consultants Report on 2014 Load Forecasts
Ex. #	MH-117	Manitoba Hydro Undertaking #52 - Amount of Revenue Resulting from Increased Load
Ex. #	MH-118	Manitoba Hydro Undertaking #38 - Explanation Regarding Partnerships
Ex. #	MH-119	Manitoba Hydro Undertaking #4 - Number of EFT's on term for Capital Projects
Ex. #	MH-120	Manitoba Hydro Undertaking #59 - List of Cost of Service with alternatives and assessments
Ex. #	MH-121	Manitoba Hydro Undertaking #75 - Portion of Increase for Core Earnings versus Future Investment Needs 2015-2019

Ex. #	MH-122	Manitoba Hydro Book of Documents - MIPUG/Coalition Cross Examination
Ex. #	MH-123	Manitoba Hydro Undertaking #36 - Vacancy Percentages for 2014/2015
Ex. #	MH-124	Manitoba Hydro Undertaking # 53 - Export Marginal Values
Ex. #	MH-125	Manitoba Hydro Undertaking #62 - Neighbours Helping Neighbours Breakdown between Winnipeg and Rural Populations
Ex. #	MH-126	Manitoba Hydro Undertaking #63 - Grid Parity Calculations
Ex. #	MH-127	Manitoba Hydro Undertaking #54 - Curtailable Rate Program Capacity Value
Ex. #	MH-128	Manitoba Hydro Undertaking # 78 - Facility Condition Index
Ex. #	MH-129	Manitoba Hydro Undertaking #66 - Figure for electric only impacts on water heat recovery units
Ex. #	MH-130	MH model provided in MIPG Exhibit #14 and supporting data
Ex. #	MH-131	MH Final Argument
Ex. #	MH - 132	MH Final Arguments - Written

**CONSUMER ASSOCIATION OF CANADA (MANITOBA) and WINNIPEG HARVEST (COALITION) EXHIBITS**

Ex. #	Coalition-1	CAC Manitoba and Winnipeg Harvest (Consumer Coalition) - Preliminary List of Issues			
Ex. #	Coalition-2	Consumer Coalition's Intervener Application Form			
Ex. #	Coalition-2-1	Attachment A - Preliminary Overview of the Proposed Intervention of the Consumer Coalition			
Ex. #	Coalition-2-2	Attachment B - Estimates (Budget) for Proposed Intervention			
Ex. #	Coalition-2-3	Attachment B - Budget for Proposed Intervention <b>Revised February 5, 2015</b>			
Ex. #	Coalition-3	Proposed Issues List of the Consumer Coalition			
Ex. #	Coalition-4	Consumer Coalition's Response to PUB's Request for more Particulars on Estimates			
Ex. #	Coaliton-5-1	<i>Curriculum Vitae</i> - Dr. Laurence Booth			
Ex. #	Coaliton-5-2	<i>Curriculum Vitae</i> - Mr. William Harper			
Ex. #	Coaliton-5-3	<i>Curriculum Vitae</i> - Dr. Mr. John McCormick			
Ex. #	Coalition-6-1	Consumers' Coalition to Manitoba Hydro - Round 1 Information Requests			Changes to Approvals Requested
Ex. #	Coalition-6-2	"	"	"	" Residential Bill Impacts
Ex. #	Coalition-6-3	"	"	"	" Bill Impacts - Customer Sensitivity

Ex. #	Coalition-6-4	"	"	"	"	Corporate Strategic Plan
Ex. #	Coalition-6-5	"	"	"	"	Corporate Strategic Plan
Ex. #	Coalition-6-6	"	"	"	"	Corporate Strategic Plan
Ex. #	Coalition-6-7	"	"	"	"	Corporate Strategic Plan
Ex. #	Coalition-6-8	"	"	"	"	Corporate Strategic Plan
Ex. #	Coalition-6-9	"	"	"	"	Corporate Strategic Plan
Ex. #	Coalition-6-10	"	"	"	"	2012/13 Corporate Strategic Plan
Ex. #	Coalition-6-11	"	"	"	"	Corporate Strategic Plan
Ex. #	Coalition-6-12	"	"	"	"	Economic Outlook Update
Ex. #	Coalition-6-13	"	"	"	"	Electric Operations Forecast (MH14)
Ex. #	Coalition-6-14	"	"	"	"	Electric Operations Forecast (MH14)
Ex. #	Coalition-6-15	"	"	"	"	Great Northern Transmission Line (GNTL) Costs
Ex. #	Coalition-6-16	"	"	"	"	Financial Targets
Ex. #	Coalition-6-17	"	"	"	"	Corporate Risk
Ex. #	Coalition-6-18	"	"	"	"	Financial Targets - Comparison of Forecasts and Actual Results

Ex. #	Coalition-6-19	"	"	"	"	Financial Targets
Ex. #	Coalition-6-20	"	"	"	"	Financial Targets - Capital Coverage
Ex. #	Coalition-6-21	"	"	"	"	IFF13 and CEF13
Ex. #	Coalition-6-22	"	"	"	"	Management of Future Spending
Ex. #	Coalition-6-23	"	"	"	"	Actual and Forecasted DSM Savings and Costs
Ex. #	Coalition-6-24	"	"	"	"	Extra-Provincial Revenues
Ex. #	Coalition-6-25	"	"	"	"	Operating & Administrative Expense
Ex. #	Coalition-6-26	"	"	"	"	Depreciation and Amortization Expense
Ex. #	Coalition-6-27	"	"	"	"	First Nation Partnerships
Ex. #	Coalition-6-28	"	"	"	"	Capital Expenditure Forecast
Ex. #	Coalition-6-29	"	"	"	"	Changes in Load Growth
Ex. #	Coalition-6-30	"	"	"	"	Alternate Rate Scenarios
Ex. #	Coalition-6-31	"	"	"	"	Sensitivity Analysis Scenarios
Ex. #	Coalition-6-32	"	"	"	"	Capital In-Service - Continuity Schedule
Ex. #	Coalition-6-33	"	"	"	"	Major Generation Projects - Capital Cost Details and Changes

Ex. #	Coalition-6-34	"	"	"	"	Capital Expenditure Forecast - System Extensions
Ex. #	Coalition-6-35	"	"	"	"	CEF - Historical Spending
Ex. #	Coalition-6-36	"	"	"	"	CEF - Capital Spending Deferrals
Ex. #	Coalition-6-37	"	"	"	"	Reliability Trends
Ex. #	Coalition-6-38	"	"	"	"	CEF14 - Forecast vs Targets
Ex. #	Coalition-6-39	"	"	"	"	Financial Results and Forecasts - Forecast vs Actual Results
Ex. #	Coalition-6-40	"	"	"	"	Financial Results and Forecasts - Year over Year Variances
Ex. #	Coalition-6-41	"	"	"	"	Extra-Provincial Revenues
Ex. #	Coalition-6-42	"	"	"	"	OM&A - Treatment of Subsidiaries
Ex. #	Coalition-6-43	"	"	"	"	OM&A - Strategic Initiatives and Contingency Funding
Ex. #	Coalition-6-44	"	"	"	"	OM&A - Reconciliation of Actual Results with Previous Forecasts
Ex. #	Coalition-6-45	"	"	"	"	OM&A - Reconciliation
Ex. #	Coalition-6-46	"	"	"	"	OM&A - Detailed Forecast vs Actual Comparisons
Ex. #	Coalition-6-47	"	"	"	"	OM&A - ETF Forecast vs Actuals
Ex. #	Coalition-6-48	"	"	"	"	OM&A - Increases in Average Salary/ETF



Ex. #	Coalition-6-49	"	"	"	"	Depreciation and Amortization - Changes in the Calculation of Depreciation
Ex. #	Coalition-6-50	"	"	"	"	Accounting Policy & Estimate Changes - Reclassification of Unmortized Experience Gains and Losses on Pension Balances
Ex. #	Coalition-6-51	"	"	"	"	Impact of IFRS
Ex. #	Coalition-6-52	"	"	"	"	Capital Contributions
Ex. #	Coalition-6-53	"	"	"	"	New LED Rates
Ex. #	Coalition-6-54	"	"	"	"	Proof of Revenue Analysis
Ex. #	Coalition-6-55	"	"	"	"	Surplus Energy Program - Option 1
Ex. #	Coalition-6-56	"	"	"	"	Curtable Rates - Peak & Off Peak Definitions
Ex. #	Coalition-6-57	"	"	"	"	Curtable Rates - Option C
Ex. #	Coalition-6-58	"	"	"	"	Curtable Rates
Ex. #	Coalition-6-59	"	"	"	"	Curtable Rates
Ex. #	Coalition-6-60	"	"	"	"	CRP Reference Discount Value
Ex. #	Coalition-6-61	"	"	"	"	Electric Load Forecast - Residential
Ex. #	Coalition-6-62	"	"	"	"	Electric Load Forecast - Residential

Ex. #	Coalition-6-63	"	"	"	"	Electric Load Forecast - General Service Sector; Mass Market
Ex. #	Coalition-6-64	"	"	"	"	Electric Load Forecast - General Service Sector; Mass Market
Ex. #	Coalition-6-65	"	"	"	"	Electric Load Forecast - Top Consumers
Ex. #	Coalition-6-66	"	"	"	"	Affordable Energy Fund (AEF)
Ex. #	Coalition-6-67	"	"	"	"	DSM Metrics
Ex. #	Coalition-6-68	"	"	"	"	DSM Metrics
Ex. #	Coalition-6-69	"	"	"	"	2014-2017 Power Smart Plan
Ex. #	Coalition-6-70	"	"	"	"	TOU Rates and Conservation Rates
Ex. #	Coalition-6-71	"	"	"	"	Exports
Ex. #	Coalition-6-72	"	"	"	"	DSM Deferral Account
Ex. #	Coalition-6-73	"	"	"	"	Independent Study Benchmarking Study
Ex. #	Coalition-6-74	"	"	"	"	Diesel Settlement Agreement
Ex. #	Coalition-6-75	"	"	"	"	Diesel Settlement Agreement
Ex. #	Coalition-6-76	"	"	"	"	Diesel Settlement Agreement
Ex. #	Coalition-6-77	"	"	"	"	Diesel Settlement Agreement

Ex. #	Coalition-6-78	"	"	"	"	Diesel Settlement Agreement
Ex. #	Coalition-6-79	"	"	"	"	Diesel Settlement Agreement
Ex. #	Coalition-6-80	"	"	"	"	Diesel Settlement Agreement
Ex. #	Coalition-6-81	"	"	"	"	Capital Project Justification (CPJ)
Ex. #	Coalition-6-82	"	"	"	"	CEF - Cost Flow
Ex. #	Coalition-6-83	"	"	"	"	CEF - Cost Flow
Ex. #	Coalition-6-84	"	"	"	"	Major New Generation & Transmission Capital Expenditure Forecast
Ex. #	Coalition-6-85	"	"	"	"	Sustaining Capital Expenditure (Major & Base Capital)
Ex. #	Coalition-6-86	"	"	"	"	Asset Health Index
Ex. #	Coalition-6-87	"	"	"	"	SAIDI & SAIFI Indicators
Ex. #	Coalition-6-88	"	"	"	"	Asset Type Expectancy & Turnover at Current Replacement Rates
Ex. #	Coalition-6-89	"	"	"	"	Asset Health Index
Ex. #	Coalition-6-90	"	"	"	"	CEF14 - Cash Flow
Ex. #	Coalition-6-91	"	"	"	"	Base Capital - Electric Operations
Ex. #	Coalition-6-92	"	"	"	"	Electric Infrastructure Condition Assessment Summary

Ex. #	Coalition-6-93	"	"	"	"	Electric Asset Health Index Summary Report
Ex. #	Coalition-6-94	"	"	"	"	Asset Health Index
Ex. #	Coalition-6-95	"	"	"	"	Electric Asset Health Index Summary Report
Ex. #	Coalition-6-96	"	"	"	"	Asset Health Index - Summary Graphs
Ex. #	Coalition-6-97	"	"	"	"	Forecast of Asset Condition
Ex. #	Coalition-6-98	"	"	"	"	Generation Operations
Ex. #	Coalition-6-99	"	"	"	"	Asset Condition Assessment Methodology
Ex. #	Coalition-6-100	"	"	"	"	CEF - Statistical Failure Models
Ex. #	Coalition-6-101	"	"	"	"	CEF - Asset Condition Assessment Methodology
Ex. #	Coalition-6-102	"	"	"	"	Interest Rate Forecast - Revenue Requirement
Ex. #	Coalition-6-103	"	"	"	"	Exchange Rate hedging Policy
Ex. #	Coalition-6-104	"	"	"	"	Depreciation Rate - Asset Life Expectancy
Ex. #	Coalition-6-105	"	"	"	"	Financing Expense
Ex. #	Coalition-6-106	"	"	"	"	Financing Expense
Ex. #	Coalition-6-107	"	"	"	"	Financing Expense

Ex. #	Coalition-6-108	"	"	"	"	Financing Expense
Ex. #	Coalition-6-109	"	"	"	"	Financing Expense
Ex. #	Coalition-6-110	"	"	"	"	Financing Expense
Ex. #	Coalition-6-111	"	"	"	"	Financing Expense
Ex. #	Coalition-6-112	"	"	"	"	Financing Expense
Ex. #	Coalition-6-113	"	"	"	"	Equity Ratio
Ex. #	Coalition-7-1	<b>Manitoba Keewatinowi Okimakanak (MKO)/Consumers' Coalition (Coalition) to Manitoba Hydro - 1st Round Information Requests</b>				First Nation Energy Efficiency
Ex. #	Coalition-7-2	"	"	"	"	Affordable Energy Program - Customer Arrears
Ex. #	Coalition-7-3	"	"	"	"	Affordable Energy Program - Multi-residential participation
Ex. #	Coalition-7-4	"	"	"	"	2013/14 Power Smart Results
Ex. #	Coalition-7-5	"	"	"	"	Cumulative Energy Savings - Measure expiration
Ex. #	Coalition-7-6	"	"	"	"	Annual Incremental Energy Savings
Ex. #	Coalition-7-7	"	"	"	"	Savings from Codes and Standards
Ex. #	Coalition-7-8	"	"	"	"	Cost Effectiveness - Estimated Electric Savings

Ex. #	Coalition-7-9	"	"	"	"	Power Smart Programs - Evaluation Reports
Ex. #	Coalition-7-10	"	"	"	"	Customer Efficiency - Baseline Information
Ex. #	Coalition-7-11	"	"	"	"	Power Smart Plan - Participation Estimates
Ex. #	Coalition-7-12	"	"	"	"	Conservation Rates - Budget
Ex. #	Coalition-8	COALITION to PUB Letter - Round 1 Information Request - Seeking Board Order for Responses to IR's - March 9, 2015				
Ex. #	Coalition-9-1	Consumers' Coalition to Manitoba Hydro - Round 2 Information Requests				Bill Impacts - Customer Sensitivity
Ex. #	Coalition-9-2	"	"	"	"	CSP Targets
Ex. #	Coalition-9-3	"	"	"	"	CSP Targets
Ex. #	Coalition-9-4	"	"	"	"	CSP Targets
Ex. #	Coalition-9-5	"	"	"	"	CSP Targets and Strategies
Ex. #	Coalition-9-6	"	"	"	"	Financial Targets
Ex. #	Coalition-9-7	"	"	"	"	Extra-Provincial Revenues
Ex. #	Coalition-9-8	"	"	"	"	Changes in Capital Expenditure Forecasts
Ex. #	Coalition-9-9	"	"	"	"	Financial Results & Forecasts - Year over Year Variances
Ex. #	Coalition-9-10	"	"	"	"	OM&A - Detailed Forecast vs Actual Comparisons

Ex. #	Coalition-9-11	"	"	"	"	Depreciation and Amortization
Ex. #	Coalition-9-12	"	"	"	"	New LED Rates
Ex. #	Coalition-9-13	"	"	"	"	Load Forecast Methodology
Ex. #	Coalition-9-14	"	"	"	"	Independent Benchmarking Study - Status
Ex. #	Coalition-9-15	"	"	"	"	Major New Generation & Transmission Capital Expenditure Forecast
Ex. #	Coalition-9-16	"	"	"	"	Equivalent Full Time (ETF) and Vacancy Rate
Ex. #	Coalition-9-17	"	"	"	"	Total Hydraulic Resources and Net Revenues
Ex. #	Coalition-9-18	"	"	"	"	Transmission - Capital Expenditures
Ex. #	Coalition-9-19	"	"	"	"	Customer Satisfaction
Ex. #	Coalition-9-20	"	"	"	"	2014 Economic Outlook - Labour Rates
Ex. #	Coalition-9-21	"	"	"	"	Rate Affordability
Ex. #	Coalition-9-22	"	"	"	"	Export Revenue
Ex. #	Coalition-9-23	"	"	"	"	Operating Result
Ex. #	Coalition-9-24	"	"	"	"	Bipole III Project Cost
Ex. #	Coalition-9-25	"	"	"	"	Curtable Rates

Ex. #	Coalition-9-26	"	"	"	"	Diesel Rates
Ex. #	Coalition-9-27	"	"	"	"	Bill Impacts - Outdoor Lighting Rates
Ex. #	Coalition-9-28	"	"	"	"	CEF - Proposed Spending Levels
Ex. #	Coalition-9-29	"	"	"	"	Electricity Operations - OM&A Expenses
Ex. #	Coalition-9-30	"	"	"	"	Economic Outlook Update
Ex. #	Coalition-9-31	"	"	"	"	Sensitivity Analysis
Ex. #	Coalition-9-32	"	"	"	"	DSM Metrics
Ex. #	Coalition-9-33	"	"	"	"	Capital Expenditure Forecast
Ex. #	Coalition-9-34	"	"	"	"	Capital Expenditure Forecast - Historic Spending
Ex. #	Coalition-9-35	"	"	"	"	OM& A Reconciliation
Ex. #	Coalition-9-36	"	"	"	"	Residential Low Income Needs and Responses
Ex. #	Coalition-9-37	"	"	"	"	Diesel Rates
Ex. #	Coalition-9-38	"	"	"	"	Accounting Policy & Estimate Changes - Reclassification of Unmortized Experience Gains and Losses on Pension Balances
Ex. #	Coalition-9-39	"	"	"	"	Power Resource Plan



Ex. #	Coalition-9-40	"	"	"	"	CSP Strategies
Ex. #	Coalition-9-41	"	"	"	"	CEF - Spending for System Extensions
Ex. #	Coalition-9-42	"	"	"	"	Capital Expenditure Forecast
Ex. #	Coalition-9-43	"	"	"	"	Capital Expenditure Forecast - Capital In-Service
Ex. #	Coalition-9-44	"	"	"	"	Interest Rate Forecast - Weighted Average Interest Rate
Ex. #	Coalition-9-45	"	"	"	"	Interest Rate Forecast - Weighted Average Interest Rate
Ex. #	Coalition-9-46	"	"	"	"	Operating Result
Ex. #	Coalition-9-47	"	"	"	"	Interest Rate Forecast - Weighted Average Interest Rate
Ex. #	Coalition-9-48	"	"	"	"	Wuskwatim Power Limited Partnership
Ex. #	Coalition-9-49	"	"	"	"	CSP Strategies
Ex. #	Coalition-9-50	"	"	"	"	Capital Expenditure Forecast
Ex. #	Coalition-9-51	"	"	"	"	Electric Infrastructure Condition Assessment Summary
Ex. #	Coalition-9-52	"	"	"	"	Electric Asset Health Index Summary Report
Ex. #	Coalition-9-53	"	"	"	"	Asset Condition Assessment Methodology
Ex. #	Coalition-9-54	"	"	"	"	Financing Expense

Ex. #	Coalition-9-55	"	"	"	"	2013-2014 Power Smart Results
Ex. #	Coalition-9-56	"	"	"	"	2013-2014 Power Smart Results
Ex. #	Coalition-10-1	COALITION to PUB Letter dated April 28, 2015 re: Revised Budget with attached Table				
Ex. #	Coalition-10-2	Appendix A - Ontario Energy Board - Filing Requirements for Electricity Transmission and Distribution Applications - Chapter 5 - Consolidated Distribution System Plan Filing Requirements				
Ex. #	Coalition-10-3	Appendix B - Deloitte Report - Asset Health Indices - A utility industry necessity				
Ex. #	Coalition-10-4	Appendix C - Manitoba Hydro's Asset Management - Inadequate Level of Detail				
Ex. #	Coalition-10-5	Appendix D - La Capra Associates - Revised Scope of Work and Second Revised Budget for Public Interest Law Centre of Legal Aid Manitoba				
Ex. #	Coalition-10-6	Appendix E - Preliminary Scope of Work for Ms. Patricia Lee				
Ex. #	Coalition-11-1	Consumers' Coalition to Green Action Centre (Colton) - Information Requests		Canadian Centre for Policy Alternatives (CCPA)		
Ex. #	Coalition-11-2	"	"	"	"	Made in Manitoba bill affordability program
Ex. #	Coalition-11-3	"	"	"	"	Pennsylvania Consumer Assistance Program
Ex. #	Coalition-11-4	"	"	"	"	2008 Decision in Action Centre for Tenants Ontario (ACTO) v. Ontario Energy Board, Court File No. 273/07, The Divisional Court of the Ontario Superior Court of Justice
Ex. #	Coalition-11-5	"	"	"	"	Apprise Inc. evaluation of the New Jersey Universal Service Fund

Ex. #	Coalition-11-6	"	"	"	"	Pathways to Success in Low Income Energy Assistance Payment Programs: The Differential Effects of Customer Characteristics and Program Design on Payment Rates by Megan Campbell
Ex. #	Coalition-12-1	Consumers' Coalition to Manitoba Industrial Power Users Group (MIPUG)-Patrick Bowman's Pre-filed Testimony Information Requests				Cumulative Rate Increases between 2004-05 through 2024-2025
Ex. #	Coalition-12-2	"	"	"	"	Justification for sustaining capital expenditures
Ex. #	Coalition-12-3	"	"	"	"	Absence of meaningful hydro disclosure
Ex. #	Coalition-12-4	"	"	"	"	DSM Programs for Industrial Customers
Ex. #	Coalition-12-5	"	"	"	"	ELG vs ASL
Ex. #	Coalition-12-6	"	"	"	"	Highest Cost Assets of Manitoba Hydro
Ex. #	Coalition-12-7	"	"	"	"	Dismantling of Gas and Coal plants
Ex. #	Coalition-12-8	"	"	"	"	Capitalization of Overheads under IFRS
Ex. #	Coalition-12-9	"	"	"	"	Forecast OM&A Expense
Ex. #	Coalition-12-10	"	"	"	"	Equal Life Group (ELG) Depreciation Methods
Ex. #	Coalition-12-11	"	"	"	"	Curtable Rate Program
Ex. #	Coalition-13-1	<i>Curriculum Vitae</i> - Alexander Chochis - La Capra Associates				

- Ex. # Coalition-13-2 *Curriculum Vitae* - Dimitrios Kordonis - La Capra Associates
- Ex. # Coalition-14 Coalition Response to MH's letter dated May 6, 2015 regarding revised Budget
- Ex. # Coalition-15 Presentation of CAC Manitoba and Winnipeg Harvest - Opening Comments
- Ex. # Coalition-16 Distribution Asset Condition
- Ex. # Coalition-17 Capital Project Justification Reports
- Ex. # Coalition-18 Selected Exhibits for Hearing
- Ex. # Coalition-19 Climate in the Lake Winnipeg Watershed and the Level of Lake Winnipeg
- Ex. # Coalition-20 Excerpts from PowerStream Inc - Rate Proposal related to Capital Asset Management
- Ex. # Coalition-21 Coalition/MH II-54 (a) Information Request
- Ex. # Coalition-22 Report on Public Hearings - Wuskwatim Generation and Transmission
- Ex. # Coalition-23 Pennsylvania Public Utility Commission - Report to General Assembly and the Governor Pursuant to Section 1415 - December 2014
- Ex. # Coalition-24 Applied Public Policy Research Institute - PECO Energy Universal Services Program - October 2012
- Ex. # Coalition-25 Excerpts for Closing Submissions
- Ex. # Coalition-26 Manitoba Hydro Sustaining Capital Expenditure Supporting Written Arguments
- Ex. # Coalition-27 Post NFAT: Closing Submissions of the Coalition

Ex. # Coalition-27-2 Post NFAT deck (part II)

Ex. # Coalition-28 CAC Issues related to MH GRA

**CITY OF WINNIPEG**

**Exhibits**

Ex. #	CoW-1	City of Winnipeg - Intervener Application Form			
Ex. #	CoW-2-1	<b>City of Winnipeg (CoW) to Manitoba Hydro (MH) - 1st Round Information Requests</b>			
Ex. #	CoW-2-2	"	"	"	Area & Roadway Lighting - Bill Impacts
Ex. #	CoW-2-3	"	"	"	Outdoor Lighting Conversion to LEDs
Ex. #	CoW-2-4	"	"	"	Bill Impacts - Flood Lighting Rate
Ex. #	CoW-2-5	"	"	"	Bill Impacts - Flood Lighting Conversion to LEDs
Ex. #	CoW-2-6	"	"	"	Bill Impacts - Sentinel Lighting Rates
Ex. #	CoW-2-7	"	"	"	Bill Impacts - Sentinel Lighting Conversion to LEDs
Ex. #	CoW-3-1	<b>City of Winnipeg (CoW) to Manitoba Hydro (MH) - 2nd Round Information Requests</b>			
Ex. #	CoW-3-2	"	"	"	Area & Roadway Lighting - Outdoor Lighting Rate - Basis for the Billing Determinant
Ex. #	CoW-3-3	"	"	"	Area & Roadway Lighting - Outdoor Lighting Rate - Basis for the Billing Determinant
Ex. #	CoW-3-4	"	"	"	Area & Roadway Lighting - Bill Impacts
Ex. #	CoW -4	City Of Winnipeg Hydro Bill for Street and Lane Lighting			

Ex. # CoW -5 Map of Manitoba Hydro Customer Service Areas for City of Winnipeg

Ex. # CoW - 6 Requests of CoW to PUB on GRA

**GREEN ACTION CENTRE (GAC) Exhibits**

Ex. #	GAC-1	GAC Intervener Application				
Ex. #	GAC-2-1	Green Action Centre (GAC) to Manitoba Hydro (MH) - 1st Round Information Requests				Residential low-income needs and expenses - Rates & Revenues
Ex. #	GAC-2-2	"	"	"	"	Residential low-income needs and expenses - Payment Troubles
Ex. #	GAC-2-3	"	"	"	"	Residential low-income needs and expenses - Credit & Collections
Ex. #	GAC-2-4	"	"	"	"	Residential low-income needs and expenses - Payment Troubles
Ex. #	GAC-2-5	"	"	"	"	Residential low-income needs and expenses - Credit & Collections
Ex. #	GAC-2-6	"	"	"	"	Residential low-income needs and expenses - Credit & Collections
Ex. #	GAC-2-7	"	"	"	"	Residential low-income needs and expenses - Payment Troubles
Ex. #	GAC-2-8	"	"	"	"	Residential low-income needs and expenses - Payment Troubles
Ex. #	GAC-2-9	"	"	"	"	Residential low-income needs and responses
Ex. #	GAC-2-10	"	"	"	"	Residential low-income needs and responses
Ex. #	GAC-2-11	"	"	"	"	Residential low-income needs and responses
Ex. #	GAC-2-12	"	"	"	"	Residential low-income needs and responses



Ex. #	GAC-2-13	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-14	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-15	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-16	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-17	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-18	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-19	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-20	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-21	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-22	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-23	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-24	"	"	"	"	Residential low-income needs and responses
Ex. #	GAC-2-25	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response

Ex. #	GAC-2-26	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-27	"	"	"	"	Residential low-income needs and responses - Cost Characteristics
Ex. #	GAC-2-28	"	"	"	"	Residential low-income needs and responses - Cost Characteristics
Ex. #	GAC-2-29	"	"	"	"	Residential low-income needs and responses - Cost Characteristics
Ex. #	GAC-2-30	"	"	"	"	Residential low-income needs and responses - Cost Characteristics
Ex. #	GAC-2-31	"	"	"	"	Residential low-income needs and responses - Rate Impact
Ex. #	GAC-2-32	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-33	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-34	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-35	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-36	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-37	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-38	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response

Ex. #	GAC-2-39	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-40	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-41	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-42	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-43	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-44	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-45	"	"	"	"	Residential low-income needs and responses - Cost Characteristics
Ex. #	GAC-2-46	"	"	"	"	Residential low-income needs and responses
Ex. #	GAC-2-47	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-48	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-49	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-50	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-51	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response

Ex. #	GAC-2-52	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-53	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-54	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-55	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-56	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-57	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-58	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-59	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-60	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-61	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-62	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-63	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response
Ex. #	GAC-2-64	"	"	"	"	Residential low-income needs and expenses - Payment Troubles: Company Response

Ex. #	GAC-2-65	"	"	"	"	Residential low-income needs and expenses - Rates & Revenues
Ex. #	GAC-2-66	"	"	"	"	Bill Impact Mitigation
Ex. #	GAC-3-1	Direct Testimony and Exhibits of Roger Colton				
Ex. #	GAC-3-2	Appendices to Roger Colton's Direct Testimony and Exhibits				
Ex. #	GAC-4	Direct Evidence of Roger Coloton				
Ex. #	GAC-5	Undertaking #71				
Ex. #	GAC-6	GAC Final Submission				
Ex. #	GAC-7	GAC Authorities				
Ex. #	GAC-8	GAC position on 2016/17 Rate Setting - Written Response				
Ex. #	GAC-9	Undertaking #72				

**MANITOBA INDUSTRIAL POWER USERS GROUP (MIPUG) Exhibits**

Ex. #	MIPUG-1	MIPUG's Intervener Request Form			
Ex. #	MIPUG-2	Notes for Pre-Hearing Conference			
Ex. #	MIPUG-3	Manitoba Hydro's Issues List with MIPUG's Comments			
Ex. #	MIPUG-4-1	Manitoba Industrial Power Users Group (MIPUG) to Manitoba Hydro (MH) - 1st Round Information Request			DSM - Forecast Internal DSM Budget
Ex. #	MIPUG-4-2	"	"	"	DSM - Forecast DSM Programming
Ex. #	MIPUG-4-3	"	"	"	DSM - 10 year cost flow update
Ex. #	MIPUG-4-4	"	"	"	Proof of Revenue - Rates and Billing Determinants
Ex. #	MIPUG-4-5	"	"	"	OM&A Cost Containment - BC Hydro Review Report
Ex. #	MIPUG-4-6	"	"	"	OM&A - EFT and Vacancy Rate
Ex. #	MIPUG-4-7	"	"	"	OM&A - Capitalization Requirements
Ex. #	MIPUG-4-8	"	"	"	Financial Impact of Drought
Ex. #	MIPUG-4-9	"	"	"	Total Hydraulic Generation and Net Revenues
Ex. #	MIPUG-4-10	"	"	"	IFF14 - Capital Expenditures on Conawapa

Ex. #	MIPUG-4-11	"	"	"	"	Capital Expenditures Forecast - Major Projects
Ex. #	MIPUG-4-12	"	"	"	"	Financial Targets
Ex. #	MIPUG-4-13	"	"	"	"	Sinking Funds
Ex. #	MIPUG-4-14	"	"	"	"	Accounting Changes
Ex. #	MIPUG-4-15	"	"	"	"	Depreciation Expense
Ex. #	MIPUG-4-16	"	"	"	"	Depreciation - Peer Reviewed Utilities
Ex. #	MIPUG-4-17	"	"	"	"	Depreciation - Peer Reviewed Utilities
Ex. #	MIPUG-4-18	"	"	"	"	Depreciation - Detailed Calculation Example
Ex. #	MIPUG-4-19	"	"	"	"	Depreciation - Comparison to 2010 Depreciation Study
Ex. #	MIPUG-4-20	"	"	"	"	Depreciation
Ex. #	MIPUG-4-21	"	"	"	"	Depreciation - Asset Accounts Illustration
Ex. #	MIPUG-4-22	"	"	"	"	Depreciation
Ex. #	MIPUG-4-23	"	"	"	"	Load Forecast - GS Top Consumers
Ex. #	MIPUG-4-24	"	"	"	"	Load Forecast - GS Top Consumers
Ex. #	MIPUG-4-25	"	"	"	"	GS Top Consumers

Ex. #	MIPUG-4-26	"	"	"	"	Curtable Rate Program
Ex. #	MIPUG-4-27	"	"	"	"	Curtable Rate Program Terms and Conditions
Ex. #	MIPUG-4-28	"	"	"	"	Rate Changes - Demand Ratchet Changes
Ex. #	MIPUG-4-29	"	"	"	"	Curtable Rate Program (CRP)
Ex. #	MIPUG-4-30	"	"	"	"	Curtable Rate Program (CRP)
Ex. #	MIPUG-4-31	"	"	"	"	Letter of Application - Scope of Review for GRA
Ex. #	MIPUG-4-32	"	"	"	"	Bipole III Deferral Account
Ex. #	MIPUG-4-33	"	"	"	"	Retained Earnings
Ex. #	MIPUG-4-34	"	"	"	"	Investments in Capital Assets
Ex. #	MIPUG-4-35	"	"	"	"	Net Income - Actuals
Ex. #	MIPUG-4-36	"	"	"	"	CEF - Current Asset Replacement Rates
Ex. #	MIPUG-4-37	"	"	"	"	OM&A - Cost Controls and Budgeting
Ex. #	MIPUG-4-38	"	"	"	"	OM&A - Cost Controls
Ex. #	MIPUG-4-39	"	"	"	"	Enhanced Power Smart Program
Ex. #	MIPUG-4-40	"	"	"	"	Accounting Policy - Reporting of Financial Information



Ex. #	MIPUG-4-41	"	"	"	"	Great Northern Transmission Line (GNTL) - Fuel & Purchased Power
Ex. #	MIPUG-4-42	"	"	"	"	Fuel & Purchase Power - Keeyask Cree Nation Costs
Ex. #	MIPUG-4-43	"	"	"	"	Electric Operations - Government Charges
Ex. #	MIPUG-4-44	"	"	"	"	Transmission - Capital Expenditures
Ex. #	MIPUG-5	MIPUG to PUB Letter regarding Manitoba Hydro's Letter dated March 2, 2015 regarding Round 1 Information Requests - March 5, 2015				
Ex. #	MIPUG-6-1	Manitoba Industrial Power Users Group (MIPUG) to Manitoba Hydro (MH) - 2nd Round Information Request			Depreciation	
Ex. #	MIPUG-6-2	"	"	"	"	EFTs - OM&A
Ex. #	MIPUG-6-3	"	"	"	"	EFTs - Vacancy Rate
Ex. #	MIPUG-6-4	"	"	"	"	DSM - PAC Test
Ex. #	MIPUG-6-5	"	"	"	"	DSM Programming
Ex. #	MIPUG-6-6	"	"	"	"	Capital Expenditures Forecast - Major Projects
Ex. #	MIPUG-6-7	"	"	"	"	Depreciation - Peer Reviewed Utilities
Ex. #	MIPUG-6-8	"	"	"	"	Depreciation
Ex. #	MIPUG-6-9	"	"	"	"	Depreciation

Ex. #	MIPUG-6-10	"	"	"	"	Depreciation
Ex. #	MIPUG-6-11	"	"	"	"	Depreciation
Ex. #	MIPUG-6-12	"	"	"	"	Depreciation
Ex. #	MIPUG-6-13	"	"	"	"	Depreciation
Ex. #	MIPUG-6-14	"	"	"	"	Depreciation
Ex. #	MIPUG-6-15	"	"	"	"	Depreciation
Ex. #	MIPUG-6-16	"	"	"	"	Depreciation
Ex. #	MIPUG-6-17	"	"	"	"	WPLP Deprecation
Ex. #	MIPUG-6-18	"	"	"	"	Depreciation Variances
Ex. #	MIPUG-6-19	"	"	"	"	Asset Accounts Illustration
Ex. #	MIPUG-6-20	"	"	"	"	Depreciation Expense
Ex. #	MIPUG-6-21	"	"	"	"	Depreciation & Amortization
Ex. #	MIPUG-6-22	"	"	"	"	Response to PUB Order 43/13, Directives 8&9
Ex. #	MIPUG-6-23	"	"	"	"	Response to PUB Order 43/13, Directives 8&9
Ex. #	MIPUG-6-24	"	"	"	"	Depreciation - ELG

Ex. #	MIPUG-6-25	"	"	"	"	Response to PUB Order 43/13, Directives 8&9
Ex. #	MIPUG-6-26	"	"	"	"	Depreciation - Capitalization of Assets
Ex. #	MIPUG-6-27	"	"	"	"	Depreciation Methodology for Regulatory Purposes
Ex. #	MIPUG-6-28	"	"	"	"	Depreciation Methodology for Regulatory Purposes
Ex. #	MIPUG-6-29	"	"	"	"	OM&A - Average Salaries per EFT by Division
Ex. #	MIPUG-6-30	"	"	"	"	OM&A - Centra Gas and Other Affiliates
Ex. #	MIPUG-6-31	"	"	"	"	OM&A - EFTs - Conawapa
Ex. #	MIPUG-6-32	"	"	"	"	OM&A - Conawapa
Ex. #	MIPUG-6-33	"	"	"	"	Depreciation Methodology for Regulatory Purposes
Ex. #	MIPUG-6-34	"	"	"	"	OM&A - Cost Controls and Budgeting
Ex. #	MIPUG-6-35	"	"	"	"	OM&A - Cost Controls and Budgeting
Ex. #	MIPUG-6-36	"	"	"	"	OM&A - Cost Controls and Budgeting
Ex. #	MIPUG-6-37	"	"	"	"	OM&A - Cost Controls and Budgeting
Ex. #	MIPUG-6-38	"	"	"	"	OM&A - EFTs - Conawapa
Ex. #	MIPUG-6-39	"	"	"	"	OM&A - Accounting Changes

Ex. #	MIPUG-6-40	"	"	"	"	OM&A - Cost Controls and Budgeting
Ex. #	MIPUG-7	Pre-filed Testimony by Patrick Bowman				
Ex. #	MIPUG-8	Pre-filed Testimony by Patricia Lee				
Ex. #	MIPUG-9	MIPUG to PUB Letter re: Revised Coalition Budget - dated May 8, 2015				
Ex. #	MIPUG-10	MIPUG Book of Documents				
Ex. #	MIPUG 10-1	MIPUG Book of Documents - Volume 1 - Policy Panel				
Ex. #	MIPUG 10-2	MIPUG Book of Documents - Volume 2 - Planning and Operations Panel				
Ex. #	MIPUG 10-3	MIPUG Book of Documents - Volume 3 - Finance Panel				
Ex. #	MIPUG 10-4	MIPUG Book of Documents - Volume 4 - Rates/Load/DSM Panel				
Ex. #	MIPUG 10-5	MIPUG Book of Documents - Volume 5 -Depreciation Panel				
Ex. #	MIPUG-11	MIPUG Undertaking #1 - Response to Undertaking #33				
Ex. #	MIPUG-12	MIPUG Presentation - Direct Evidence				
Ex. #	MIPUG-13	MIPUG Direct Evidence Supporting Materials				
Ex. #	MIPUG-14	MIPUG Final Arguments				
Ex. #	MIPUG-15	MIPUG Undertaking #78 - underlying data of slide #27 of exhibit MIPUG - 12 and calculations				

**MANITOBA INDUSTRIAL POWER USERS GROUP/COALITION Exhibits**

Ex. # MIPUG/CC -1 MIPUG's Intervener Request Form

Ex. # MIPUG/CC -2 Patricia Lee Curriculum Vitae

**MANITOBA KEEWATINOWI OKIMAKANAK (MKO) Exhibits**

Ex. #	MKO-1							MKO Intervener Request Form - February 3, 2015
Ex. #	MKO-1-2							MKO Intervener Request Form - Revised Reasons for Proposed Intervention - February 5, 2015
Ex. #	MKO-2							MKO's Application to Review and Vary PUB Order No. 18/15 - dated February 18, 2015
Ex. #	MKO	-	3	-	1			Manitoba Keewatinowi Okimakanak (MKO) to Manitoba Hydro (MH) - 1st Round Information Requests
Ex. #	MKO	-	3	-	2	"	"	MKO First Nations Accounts - General Income Accounts
Ex. #	MKO	-	3	-	3	"	"	MKO First Nations Accounts - Arrears
Ex. #	MKO	-	3	-	4	"	"	MKO First Nations Accounts - Disconnection & Reconnection Policy
Ex. #	MKO	-	3	-	5	"	"	Tentative Diesel Settlement
Ex. #	MKO	-	3	-	6	"	"	Rate Relief; Removal of Mitigation Costs; Allocation of Net Exports
Ex. #	MKO	-	3	-	7	"	"	Calculation of Mitigation Costs on Rates
Ex. #	MKO	-	3	-	8	"	"	DSM
Ex. #	MKO	-	3	-	9	"	"	Flat Heating Rate
Ex. #	MKO-4							Final Submission of Manitoba Keewatinowi Okimakanak

**MANITOBA METIS FEDERATION (MMF) Exhibits**

Ex. #	MMF-1	MMF Intervener Request Form				
Ex. #	MMF-2	Manitoba Hydro's Issues List with MMF's comments				
Ex. #	MMF-3	Metis Population by Urban Area				
Ex. #	MMF-4-1	Manitoba Métis Federation (MMF) to Manitoba Hydro (MH) - 1st Round Information Requests				Overview & Reasons for Application - Capital
Ex. #	MMF-4-2	"	"	"	"	Credit Rating & Borrowing Cost
Ex. #	MMF-4-3	"	"	"	"	Rate Increases - Customers
Ex. #	MMF-4-4	"	"	"	"	Rate Increase - Net Income
Ex. #	MMF-4-5	"	"	"	"	MH Corporate Profile - Customer Satisfaction
Ex. #	MMF-4-6	"	"	"	"	Comparison of Electricity Rates Across Jurisdictions, Figure 6.5 "Utility Rate Changes"
Ex. #	MMF-4-7	"	"	"	"	2014 Economic Outlook - Labour Rates
Ex. #	MMF-4-8	"	"	"	"	IFF14 - Rate Affordability
Ex. #	MMF-4-9	"	"	"	"	Capital Expenditure Forecast
Ex. #	MMF-4-10	"	"	"	"	Electric Load Forecast

Ex. #	MMF-4-11	"	"	"	"	Electric Load Forecast - Residential Sector - Load Growth
Ex. #	MMF-4-12	"	"	"	"	Electric Load Forecast - General Service Sector - Load Growth
Ex. #	MMF-4-13	"	"	"	"	Electric Load Forecast - Gross Firm Energy - Load Growth
Ex. #	MMF-4-14	"	"	"	"	Electric Load Forecast - Gross Total Peak - Forecast
Ex. #	MMF-4-15	"	"	"	"	Integrated Financial Forecast & Economic Outlook - Drough/Water Flow Sensitivity
Ex. #	MMF-4-16	"	"	"	"	DSM Mitigation Strategy
Ex. #	MMF-4-17	"	"	"	"	DSM Mitigation Strategy
Ex. #	MMF-4-18	"	"	"	"	DSM Mitigation Strategy
Ex. #	MMF-4-19	"	"	"	"	DSM Mitigation Strategy
Ex. #	MMF-4-20	"	"	"	"	DSM Mitigation Strategy; Affordable Energy Mitigation Strategy; First Nations Focus
Ex. #	MMF-4-21	"	"	"	"	DSM Mitigation Strategy
Ex. #	MMF-4-22	"	"	"	"	DSM Mitigation Strategy
Ex. #	MMF-4-23	"	"	"	"	DSM Mitigation Strategy
Ex. #	MMF-4-24	"	"	"	"	Affordable Energy Mitigation Strategy - First Nations Focus



Ex. #	MMF-4-25	"	"	"	"	DSM Mitigation Strategy
Ex. #	MMF-4-26	"	"	"	"	DSM Mitigation Strategy - All-electric Buildings
Ex. #	MMF-4-27	"	"	"	"	DSM Mitigation Strategy
Ex. #	MMF-4-28	"	"	"	"	DSM Mitigation Strategy
Ex. #	MMF-4-29	"	"	"	"	DSM Mitigation Strategy
Ex. #	MMF-4-30	"	"	"	"	DSM Mitigation Strategy - Energy Poverty
Ex. #	MMF-4-31	"	"	"	"	DSM Mitigation Strategy - Energy Poverty
Ex. #	MMF-4-32	"	"	"	"	DSM Mitigation Strategy - Energy Poverty - Non-energy Benefits
Ex. #	MMF-4-33	"	"	"	"	DSM Mitigation Strategy - Energy Poverty
Ex. #	MMF-4-34	"	"	"	"	DSM Mitigation Strategy - Energy Poverty
Ex. #	MMF-4-35	"	"	"	"	DSM Mitigation Strategy; Affordable Energy Mitigation Strategy; Energy Poverty
Ex. #	MMF-4-36	"	"	"	"	Affordable Energy Program Strategy
Ex. #	MMF-4-37	"	"	"	"	Energy Poverty: CBO's
Ex. #	MMF-4-38	"	"	"	"	DSM Mitigation Strategy - Funding Scale

Ex. #	MMF-4-39	"	"	"	"	Bill Impacts - Equity
Ex. #	MMF-4-40	"	"	"	"	Bill Impacts - Equity
Ex. #	MMF-4-41	"	"	"	"	Bill Impacts - Equity
Ex. #	MMF-4-42	"	"	"	"	Bill Impacts - Equity
Ex. #	MMF-4-43	"	"	"	"	Bill Impacts - Equity
Ex. #	MMF-4-44	"	"	"	"	Bill Impacts - Equity - Arrears
Ex. #	MMF-4-45	"	"	"	"	DSM Mitigation Strategy - Energy Poverty
Ex. #	MMF-4-46	"	"	"	"	DSM Mitigation Strategy - Energy Poverty
Ex. #	MMF-4-47	"	"	"	"	DSM Mitigation Strategy - Energy Poverty
Ex. #	MMF-4-48	"	"	"	"	Bill Assistance - Energy Poverty
Ex. #	MMF-4-49	"	"	"	"	Bill Assistance - Energy Poverty
Ex. #	MMF-4-50	"	"	"	"	Bill Impacts - Deferred Payment Arrangements
Ex. #	MMF-4-51	"	"	"	"	Bill Impacts - Equity - Deposits
Ex. #	MMF-4-52	"	"	"	"	Bill Impacts - Credit and Collection
Ex. #	MMF-4-53	"	"	"	"	Bill Impacts - Energy Poverty

Ex. #	MMF-4-54	"	"	"	"	Bill Impacts - Board Overview
Ex. #	MMF-4-55	"	"	"	"	Arrears; Disconnections
Ex. #	MMF-4-56	"	"	"	"	Bill Impacts - Collections
Ex. #	MMF-5	MMF to PUB re Specific Objections raised by Manitoba Hydro with respect to Round 1 Information Requests - March 10, 2015				
Ex. #	MMF-6	Response of MMF regarding Manitoba Hydro's refusal to answer DSM related Information Requests				
Ex. #	MMF-7-1	Manitoba Métis Federation (MMF) to Manitoba Hydro (MH) - 2nd Round Information Requests				Bill Impacts - Equity
Ex. #	MMF-7-2	"	"	"	"	MH Corporate Profile - Customer Satisfaction
Ex. #	MMF-7-3	"	"	"	"	Proposed Rates and Customer Impacts
Ex. #	MMF-7-4	"	"	"	"	Electric Load Forecast - Residential, General Service Sectors - Load Growth
Ex. #	MMF-7-5	"	"	"	"	Rates & Revenue - Residential Low-income
Ex. #	MMF-7-6	"	"	"	"	Affordable Energy Program - Arrears
Ex. #	MMF-7-7	"	"	"	"	Affordable Energy Program - Equity
Ex. #	MMF-7-8	"	"	"	"	Rate Impacts - Bill Mitigation
Ex. #	MMF-7-9	"	"	"	"	Affordable Energy Program - Arrears

Ex. #	MMF-7-10	"	"	"	"	DSM Charges - Equity
Ex. #	MMF-7-11	"	"	"	"	Mitigation of Customer Bill Impacts
Ex. #	MMF-7-12	"	"	"	"	Rate Impacts on Specific Customer Segments
Ex. #	MMF-7-13	"	"	"	"	Energy Poverty
Ex. #	MMF-7-14	"	"	"	"	Affordable Energy Program - Equity
Ex. #	MMF-7-15	"	"	"	"	Bill Impacts - Equity
Ex. #	MMF-7-16	"	"	"	"	Bill Impacts - Equity
Ex. #	MMF-7-17	"	"	"	"	Bill Impacts - Equity
Ex. #	MMF-7-18	"	"	"	"	Bill Impacts - Equity
Ex. #	MMF-7-19	"	"	"	"	Affordable Energy Program - Participation
Ex. #	MMF-7-20	"	"	"	"	Credit and Collections
Ex. #	MMF-7-21	"	"	"	"	Credit and Collections
Ex. #	MMF-7-22	"	"	"	"	Credit and Collections
Ex. #	MMF-7-23	"	"	"	"	Credit and Collections
Ex. #	MMF-7-24	"	"	"	"	Cost Characteristics - Reasonableness of rates

Ex. #	MMF-7-25	"	"	"	"	Cost Characteristics - Reasonableness of rates
Ex. #	MMF-7-26	"	"	"	"	Energy Poverty - DSM as Bill Mitigation
Ex. #	MMF-7-27	"	"	"	"	Bill Impacts, Bill Mitigation
Ex. #	MMF-7-28	"	"	"	"	Energy Poverty - Funding
Ex. #	MMF-7-29	"	"	"	"	CSP Targets
Ex. #	MMF-7-30	"	"	"	"	Equity
Ex. #	MMF-8-1	Manitoba Métis Federation (MMF) to Manitoba Industrial Power Users Group (MIPUG) - Prefiled Testimony of Patrick Bowman - Information Requests				DSM Programs; RIM Test
Ex. #	MMF-8-2	"	"	"	"	DSM Implementation
Ex. #	MMF-8-3	"	"	"	"	Rate Impact of DSM
Ex. #	MMF-8-4	"	"	"	"	Rate Design - Cost Averaging
Ex. #	MMF-9	Recommended Incremental MFR's requested by MMF				
Ex. #	MMF-10	MMF Recommendations of GRA				
Ex. #	MMF-11	MMF Deck - Closing Submission				