



EXHIBIT LIST FORMANITOBA HYDRO

June 26, 2023

MANITOBA HYDRO (MH) Exhibits

Ex. #	MH-1	Manitoba Hydro 2023/24 & 2024/25 General Rate Application, and Cover Letter - November
		15, 2022
Ex. #	MH-2	MH letter to PUB re: Manitoba Hydro's 2023/24 & 2024/25 General Rate Application
		Amendments - November 29, 2022
Ex. #	MH-3	MH letter to PUB re: Comments on Applications for Intervener Status for Manitoba Hydro's
		2023/24 and 2024/25 General Rate Application - November 30, 2022
Ex. #	MH-4	Pre-Hearing Conference Presentation - December 5, 2022
Ex. #	MH-5	MH letter to PUB re: Amended Application Materials and Minimum Filing Requirements -
		December 9, 2022
Ex. #	MH-6	MH letter to PUB re: Manitoba Hydro's 2023/24 & 2024/25 General Rate Application Phase II -
		December 21, 2022
Ex. #	MH-7	MH letter to PUB re: Phase 1 Round I Information Requests - January 9, 2023
Ex. #	MH-8	MH letter to PUB re: Reply to Intervener on Round I IRs - January 16, 2023
Ex. #	MH-9	MH letter to PUB re: Manitoba Hydro's 2023/24 & 2024/25 General Rate Application -
		Corrections - February 2, 2023
Ex. #	MH-10	MH letter to PUB re: Round 1 Information Request Responses - February 3, 2023
Ex. #	MH-11	MH Reply to Coalition Motion on Round I Information Request Responses - February 13, 2023
Ex. #	MH-12	Manitoba Hydro 2023/24 & 2024/25 General Rate Application - Revised Round I IR Response
		February 13, 2023
Ex. #	MH-13	Manitoba Hydro 2023/24 & 2024/25 General Rate Application - Update to MIPUG-MH I-10b I
		IR Response February 14, 2023
Ex. #	MH-14	Manitoba Hydro 2023/24 & 2024/25 General Rate Application - Updated Round I IR Responses
		February 21, 2023
Ex. #	MH-15	Manitoba Hydro 2023/24 & 2024/25 General Rate Application - Updated Coalition-MH I-91 IR
- "	NAUL 4.C	Response - March 1, 2023
Ex. #	MH-16	Manitoba Hydro 2023/24 & 2024/25 General Rate Application - Updated PUB-MH I-74a-b IR
Fv. #	NALL 17	Response - March 3, 2023
Ex. #	MH-17	MH letter to PUB re: MH Responses to Round II Information Requests - March 10, 2023
Ex. #	MH-18	MH letter to PUB re: Comments for Second Pre Hearing Conference - April 5, 2023

Ex. #	MH-19	MH-CC Interv	ener Evide	nce Infor	mation Requests (1-29) - April 14, 2023
Ex. #	MH-19-1	11 11	11	11	Derksen - Retainer Letter
Ex. #	MH-19-2	" "	11	11	Derksen - Contributors
Ex. #	MH-19-3	11 11	11	11	Derksen - Consulting Services
Ex. #	MH-19-4	11 11	11	11	Derksen - Other jurisdictions
Ex. #	MH-19-5	11 11	11	11	Derksen - RCC
Ex. #	MH-19-6	11 11	11	11	Derksen - Net Export Revenue
Ex. #	MH-19-7	11 11	11	11	Derksen - COS Study
Ex. #	MH-19-8	11 11	11	11	Derksen - Water Rentals
Ex. #	MH-19-9	11 11	11	11	Derksen - Table 12 references
Ex. #	MH-19-10	11 11	11	11	Derksen - Public Acceptability
Ex. #	MH-19-11	11 11	II	11	Derksen - forecast NER
Ex. #	MH-19-12	11 11	11	11	Derksen - Marginal Costs
Ex. #	MH-19-13	11 11	11	11	Midgard - Retainer Letter
Ex. #	MH-19-14	11 11	11	11	Midgard - Contributors
Ex. #	MH-19-15	" "	11	11	Midgard - Overbuilt
Ex. #	MH-19-16	" "	11	11	Midgard - Staffing increases
Ex. #	MH-19-17	11 11	11	11	Midgard - Capital Planning
Ex. #	MH-19-18	11 11	11	11	Midgard - Assets
Ex. #	MH-19-19	11 11	11	11	Colaiacovo - Contributors
Ex. #	MH-19-20	11 11	11	11	Colaiacovo - Retainer Letter
Ex. #	MH-19-21	11 11	11	11	Rainkie - Retainer Letter
Ex. #	MH-19-22	11 11	11	11	Rainkie - Contributors
Ex. #	MH-19-23	11 11	11	11	Rainkie - Government Business Enterprise (GBE)

Ex. #	MH-19-24	11	II	II	11	Rainkie - Figures 64-65 Concentric Energy Advisors Inc.			
Ex. #	MH-19-25	11	II .	II .	п	Cost of Capital Estimation Evidence Rainkie - Cumulative Inflation calculation			
Ex. #	MH-19-26	II	"	II .	II	Rainkie - Cumulative Average Growth Rate Calculation			
Ex. #	MH-19-27	11	11	п	11	Rainkie - Cumulative Inflation - 12.9%			
Ex. #	MH-19-28	11	11	11	11	Rainkie - Consulting Services			
Ex. #	MH-19-29	11	11	п	11	Rainkie - Other jurisdictions			
Ex. #	MH-20	MH-GSS-	GSM Inte	rvener E	vidence Inf	formation Requests (1-3) - April 14, 2023			
Ex. #	MH-20-1	11	II	п	Ш	Retainer letter			
Ex. #	MH-20-2	11	II .	П	11	Contributors			
Ex. #	MH-20-3	11	II .	П	11	ALG with true up			
Ex. #	MH-21	MH-MIPUG Intervener Evidence Information Requests (1-7) - April 14, 2023							
Ex. #	MH-21-1	11	II .	П	11	MIPUG Members			
Ex. #	MH-21-2	11	II	п	Ш	Contributors			
Ex. #	MH-21-3	11	П	11	II	Retainer letter			
Ex. #	MH-21-4	11	П	11	II	Marginal Values			
Ex. #	MH-21-5	11	П	11	II	Top 50 hours			
Ex. #	MH-21-6	11	11	II	П	Recommendation 8 - Deferral			
Ex. #	MH-21-7	11	11	11	П	Alliance IFRS-ASL			
Ex. #	MH-22	MH lette	r re: Comi	ments on	P. Bowma	n Recommendation 4 - April 21, 2023			
Ex. #	MH-23	MH-DEA	Independ	ent Expe	ert Consult	ant Information Request (1) - April 21, 2023			
Ex. #	MH-23-1	11	11	11	П	Export			
Ex. #	MH-24	MH Rebu	ittal - May	5, 2023					
Ex. #	MH-25	MH Affid	avit of Pul	blication	and Servic	e of Notice of Public Hearing - May 10, 2023			
Ex. #	MH-26	CV of Jay	Grewal -	May 15,	2023				
	1								

	CV of Aurel Tess - May 15, 2023
MH-28	Policy Presentation - May 15, 2023
MH-29	MH Export, Drought and Hydrology Witness CV's - H. Turner, N. Karanwal, K. Gawne and C. Sanclemente - May 16, 2023
MH-30	Export, Drought Management and Hydrology Presentation - May 16, 2023
MH-31	Undertaking #1 - False claims of Indigenous identity - May 17, 2023
MH-32	MH Asset Management Panel Qualifications - May 23, 2023
MH-33	Asset Management Direct Evidence Presentation - May 23, 2023
MH-34	AMCL Manitoba Hydro Maturity Assessment Summary Presentation - May 23, 2023
MH-35	Undertaking 3, 5, 6, 7 and 8 Responses - May 23, 2023
MH-36	Undertakings 2 and 4 Responses - May 24, 2023
MH-37	Statistic Canada - Industrial product price index, by major product group, monthly - May 25, 2023
MH-38	Statistic Canada - Machinery and equipment price index, by commodity quarterly - Q1 - May 25, 2023
MH-39	Undertakings 9, 14 and 15 Responses - May 25, 2023
MH-40	Updated Response to Coalition-MH I-92a-d - May 25, 2023
MH-41	MH Revenue Requirement Panel Qualifications - May 28, 2023
MH-42	Revenue Requirement Direct Evidence Presentation - May 29, 2023
MH-43	Undertaking 22 Response - May 31, 2023
MH-44	Transcript from April 29, 2019 - 2019-20 Electric Rate Application - June 1, 2023
MH-45	Transcript pages from 2015/16 & 2016/17 GRA - June 1, 2023
MH-46	Transcript from March 20, 2014 - NFAT - June 1, 2023
MH-47	Undertaking 10-13, 16 & Attachment 1, 17-18, 24, 26, 29, 31, 34-38 & from page 1516 & Attachment 1 Responses - June 2, 2023
MH-48	MH Witness Qualifications M. Hooper - Depreciation Concurrent Evidence Panel - June 5, 2023
MH-49	MH Depreciation Position Overview - June 5, 2023
MH-50	MH Witness Qualifications - Rates and Cost of Service Evidence Panel - June 6, 2023
	MH-29 MH-30 MH-31 MH-32 MH-33 MH-34 MH-35 MH-36 MH-37 MH-38 MH-39 MH-40 MH-41 MH-42 MH-42 MH-43 MH-44 MH-45 MH-45 MH-45 MH-45 MH-46 MH-47 MH-48 MH-49

Ex. #	MH-51	MH Rates and Cost of Service Panel - June 6, 2023
Ex. #	MH-52	Undertakings 19-20, 23, 32, 39, 41, 43-44, 51-52, Page 2194 and Updated 7 Responses - June 7, 2023
Ex. #	MH-53	Undertakings 27, 30, 33, 42, 54, 56, 63 and Page 3532 Responses - June 9, 2023
Ex. #	MH-54	Undertakings 25, 28, 40, 55 and 57-62 Responses - June 16, 2023
Ex. #	MH-55	CSI Undertakings 1-3 Responses - Public, Redacted - June 16, 2023
Ex. #	MH-56	MH Final Oral Submission Presentation - June 19, 2023
Ex. #	MH-57	MH Final Written Argument - June 19, 2023
Ex. #	MH-58	MH Written Reply - June 25, 2023





EXHIBIT LIST FORMANITOBA HYDRO

June 26, 2023

PUBLIC UTILITIES BOARD (PUB) Exhibits

Ex. #	PUB-1		Public Notice - Manitoba Hydro 2023/24 & 2024/25 General Rate Application - November 15, 2022									
Ex. #	PUB-2		PUB letter to MH and Past Interveners re MH 2023/24 and 2024/25 GRA Applications for Intervener Status and Pre-Hearing Conference - November 16, 2022									
Ex. #	PUB-3			-			ral Order in Respect of Manitoba Hydro's 2023/24 and December 8, 2022					
Ex. #	PUB-4	PUB-	-MPI Ro	und I Inf	ormation	n Requ	uests - December 13, 2022					
Ex. #	PUB-4-1	"	11	11	11	11	20-year forecast affected by provincial energy policy					
Ex. #	PUB-4-2	"	11	II .	11	"	COVID-19 pandemic					
Ex. #	PUB-4-3	"	11	11	11	11	Response to Wall Report					
Ex. #	PUB-4-4	11	11	11	11	11	Bill 36 - Request for Proposals (RFP) - Integrated Resource Plan (IRP)					
Ex. #	PUB-4-5	"	II	II	11	11	Prosumers					
Ex. #	PUB-4-6	"	"	"	11	"	Off-grid norther communities					
Ex. #	PUB-4-7	11	11	"	11	"	Enterprise Excellence Division					
Ex. #	PUB-4-8	11	11	11	11	11	Enterprise Risk Management program					
Ex. #	PUB-4-9	"	11	11	11	11	Export Price Uncertainty risk					
Ex. #	PUB-4-10	"	11	11	11	11	Enterprise Scorecard					
Ex. #	PUB-4-11	11	II	II	11	II	Rate Increase for 2022/23					
Ex. #	PUB-4-12	11	II	II	11	II	Emergency site remediation - Two and Eight Channels					
Ex. #	PUB-4-13	11	II	II	11	II	Interest Capitalized					
Ex. #	PUB-4-14	11	11	11	11	II	Keeyask Hydropower Limited Partnership Agreement					

Ex. #	PUB-4-15	"	II	п	II	II	KHLP Annual losses
Ex. #	PUB-4-16	"	11	11	II	11	Financial Forecast Scenario
Ex. #	PUB-4-17	11	II	п	II	11	Annualized Revenue Increase
Ex. #	PUB-4-18	"	II	11	II	11	MHEB Annual Report
Ex. #	PUB-4-19	"	11	11	11	11	Keeyask Project and US Tie-Lines burden on net income
Ex. #	PUB-4-20	11	"	11	II	"	Debt-to-capitalization
Ex. #	PUB-4-21	II .	II	11	II	II	Uncertainty Analyses
Ex. #	PUB-4-22	II .	II	11	II	II	Debt Management Strategy
Ex. #	PUB-4-23	"	"	11	11	II	20 year forecast - debt management strategy
Ex. #	PUB-4-24	11	11	11	II	"	Tab 4 - Appendix 4.5 Chart 3 / MFR 68 Comparison
Ex. #	PUB-4-25	11	"	11	II	11	Interest Rates
Ex. #	PUB-4-26	11	"	II	II .	11	Capitalized Interest
Ex. #	PUB-4-27	"	"	II	II	11	Finance Expense - Debt Levels
Ex. #	PUB-4-28	"	"	II	II	11	SAP S/4HANAH CCA
Ex. #	PUB-4-29	"	"	11	II	11	Impact to Net Income - Establishment and Amortization of SAP S/4HANA CCA Deferral
Ex. #	PUB-4-30	11	"	II	II .	11	ELG Methodology
Ex. #	PUB-4-31	11	"	II	II .	11	Figure 13 with ELG 20-year and 70-year phase in periods
Ex. #	PUB-4-32	"	"	11	II	11	Figure 6 and 14 ASL-ELG Deferral account based on CGAAP ASL
Ex. #	PUB-4-33	11	П	II	11	11	writing off deferral accounts
Ex. #	PUB-4-34	11	П	II	11	11	Sensitivity Analysis
Ex. #	PUB-4-35	11	II	II	11	II	Figure 4.36 - Tab 4 amendments
Ex. #	PUB-4-36	11	11	11	II	"	Appendix 4.1 updated figures
Ex. #	PUB-4-37	"	11	11	п	11	Cash flow chart
Ex. #	PUB-4-38	"	11	II .	II	II	Efficiency Manitoba and electric load scenario

Ex. #	PUB-4-39	"	II	п	11	II	Electric Load Scenario
Ex. #	PUB-4-40	"	11	II	п	11	Selkirk Generating Station
Ex. #	PUB-4-41	"	11	11	II	11	Distribution Losses
Ex. #	PUB-4-42	"	11	11	II	11	Efficiency Manitoba 15 year plan
Ex. #	PUB-4-43	"	11	11	II	"	Solar PV
Ex. #	PUB-4-44	II .	"	11	II	II	Curtailable Rate Program
Ex. #	PUB-4-45	"	II	II	II	II	MISO marketplace
Ex. #	PUB-4-46	"	II	II	II	II	State of the Market Report for MISO Electricity Markets
Ex. #	PUB-4-47	"	II	II	II	11	environmental attributes
Ex. #	PUB-4-48	II .	11	11	II	11	AC Transmission
Ex. #	PUB-4-49	"	11	11	II	"	Daymark Report
Ex. #	PUB-4-50	"	11	11	II	II	Generation
Ex. #	PUB-4-51	"	11	11	II	II	Pumped Energy
Ex. #	PUB-4-52	"	11	II	II	"	Energy Information Administration (EIA)
Ex. #	PUB-4-53	"	II	II	II	11	Energy Prices
Ex. #	PUB-4-54	11	II	II	11	11	Gross Firm Energy and Gross Total Peak
Ex. #	PUB-4-55	11	II	II	11	11	Gross Firm Energy
Ex. #	PUB-4-56	11	II	II	11	11	econometric forecast for PLIL
Ex. #	PUB-4-57	11	II	II	11	11	Gross Total Peak
Ex. #	PUB-4-58	11	"	II	II	II	Drought Reserve Storage (DSR)
Ex. #	PUB-4-59	11	"	II	II	II	Water flows
Ex. #	PUB-4-60	"	11	II	п	11	Export Sales
Ex. #	PUB-4-61	"	11	II	II	11	Lower Nelson
Ex. #	PUB-4-62	"	11	II	п	II	Cost Element

Ex. #	PUB-4-63	"	II	п	11	ıı	OM&A by cost element
Ex. #	PUB-4-64	"	11	11	11	II	FTE
Ex. #	PUB-4-65	"	II	п	11	II.	Employee Attrition
Ex. #	PUB-4-66	"	II	11	11	"	retirement
Ex. #	PUB-4-67	11	II	п	11	11	O&A Expense Comparison
Ex. #	PUB-4-68	"	11	11	11	"	O&A Expense Comparison 2021/22 Actual v. Forecast
Ex. #	PUB-4-69	"	11	11	11	11	Key performance indicators monitored by Corporations related to O&A Expenses
Ex. #	PUB-4-70	"	11	11	II	11	FTEs
Ex. #	PUB-4-71	"	II	П	II	"	FTEs by Business Unit
Ex. #	PUB-4-72	"	II	п	11	11	Operating Expenses
Ex. #	PUB-4-73	"	II	11	11	"	Operating Expenses Compensation Assumptions
Ex. #	PUB-4-74	"	II	11	11	11	OM&A
Ex. #	PUB-4-75	"	II	11	11	II.	Budgeting process
Ex. #	PUB-4-76	"	II	11	11	"	Cost Element
Ex. #	PUB-4-77	"	II	11	11	II.	Capitalized Labour
Ex. #	PUB-4-78	"	II	11	11	"	Employee Benefits
Ex. #	PUB-4-79	"	II	11	11	11	O&A Expenses between 2021/22 Interim and 2023/24 & 2024/25 GRA
Ex. #	PUB-4-80	"	II	11	11	11	Updated PUB-MH I-19(b) from 2019/20 Interim
Ex. #	PUB-4-81	"	II	11	11	II	Updated Tables - ASL Rates / ALG and ELG
Ex. #	PUB-4-82	"	11	11	11	II	Depreciation
Ex. #	PUB-4-83	"	11	11	11	II	Maintenance
Ex. #	PUB-4-84	"	11	11	11	II	Hydraulic weighted forced outage factors (HWFOF)
Ex. #	PUB-4-85	"	11	п	11	II	Transmission
Ex. #	PUB-4-86	11	11	п	11	II	HVDC Pole / Bipole

Ex. #	PUB-4-87	"	11	11	11	"	System Average Interruption Duration Index (SAIDI) / System Average Interruption Frequency Index (SAIFI)
Ex. #	PUB-4-88	"	11	11	п	II	Business Operation Capital
Ex. #	PUB-4-89	11	II .	"	"	II	MMTP and Birtle Transmission
Ex. #	PUB-4-90	11	II .	11	ıı .	II	AMCL Report
Ex. #	PUB-4-91	"	11	11	11	II	Bipole I and II
Ex. #	PUB-4-92	"	11	"	"	II.	AACE Cost on project and planning items
Ex. #	PUB-4-93	"	11	11	11	"	Advanced metering infrastructure (AMI) consultant
Ex. #	PUB-4-94	"	"	"	"	"	Grid Modernization Program
Ex. #	PUB-4-95	11	11	11	II	"	Capital Projects
Ex. #	PUB-4-96	"	11	11	п	II	Turbine Overhaul
Ex. #	PUB-4-97	"	11	11	11	"	Capital Expenditure Forecast (CEF) - Business Operation Capital
Ex. #	PUB-4-98	"	"	11	11	11	Business Operation Capital - CEF18
Ex. #	PUB-4-99	"	II .	II	ıı .	11	Business Operations Capital
Ex. #	PUB-4-100	"	11	11	II	"	GNTL costs
Ex. #	PUB-4-101	"	II	II	II .	11	AMCL - asset management
Ex. #	PUB-4-102	"	II	11	II .	11	AMCL - Corporate Value Framework
Ex. #	PUB-4-103	"	II	11	п	"	Asset Management Analysis in MFR 90
Ex. #	PUB-4-104	"	II	11	п	"	Light Emitting Diode (LED) - Roadway Lighting
Ex. #	PUB-4-105	"	ıı .	II	II .	II	Letters dated November 12, 2018 regarding Directive 15 of Order 59/18
Ex. #	PUB-4-106	"	II.	11	11	11	Annual SEP Reports November 2016 to current
Ex. #	PUB-4-107	"	11	11	11	"	Annual CRP Reports April 2017 to current
Ex. #	PUB-4-108	"	11	11	11	II.	Payments to Government
Ex. #	PUB-4-109	"	II	11	II	11	Order 43/13 Directives 8&9 Section 4.0 updates
Ex. #	PUB-4-110	"	"	11	II	II	Depreciation Expense under IFRS Complaint ASL and ELG depreciation methods

ī	T.,					
PUB-4-111	"	"	"	"	"	20-year Electric Operations Operating Statement
PUB-4-112	11	11	11	11	11	Write-off Keeyask In-Service Deferral
PUB-4-113	11	II	11	11	II	Changes to IFRS ELG and creation of new deferral account
PUB-4-114	II	ıı	11	11	II	Loss on Retirement and Disposal of Assets
PUB-4-115	11	ıı .	11	11	11	Expected Growth in Depreciation Method Regulatory Deferral Account Balances
PUB-4-116	11	"	11	11	"	ELG determination of depreciation over ASL
PUB-4-117	11	11	11	11	II	Deferral accounts
PUB-4-118	II	II	11	11	II	Concentric Depreciation Study
PUB-4-119	II	п	11	11	II.	Balance - Depreciation Method Deferrals for two deferral accounts
PUB-4-120	11	11	11	11	"	Amortization
PUB-4-121	"	II	11	11	II	Depreciation Method Deferrals
PUB-4-122	11	ıı	11	11	11	IFRS Compliant v. ELG depreciation procedures
PUB-4-123	11	II	11	11	II	Depreciation Method Deferrals of current assets over full service life
PUB-4-124	11	11	11	11	II	Updated Figure 16 - Appendix 3.3 and additional tables - 2014 ASL Rates, ALG - life study and ELG - life rate
PUB-4-125	11	11	11	11	II.	Depreciation Rate Schedules for Electric Operations
PUB-4-126	11	ıı	11	11	II	Depreciation and Amortization - losses
PUB-4-127	11	ıı	11	11	11	Depreciation and Amortization expense based on the ALG - remaining service life
PUB-4-128	11	II .	11	11	"	Directive 8 - Board Order 43/13
PUB-4-129	"	п	11	11	"	compare depreciation methodologies excluding gains and losses - Appendix 4.3 Figure 9 / Appendix 9.10 Figure 1,2 and 6
PUB-4-130	"	II	11	11	II	Losses and Retirement - ASL IFRS / ELG whole-life methodology
PUB-4-131	11	II	11	11	II	Equal Life Group (ELG)
PUB-4-132	11	ıı	11	11	11	IASB Exposure Draft
PUB-4-133	11	11	11	11	"	Depreciation expense differences
PUB-4-134	II	11	II .	11	11	ASL and ALG methodologies
	PUB-4-113 PUB-4-115 PUB-4-116 PUB-4-117 PUB-4-118 PUB-4-120 PUB-4-121 PUB-4-122 PUB-4-123 PUB-4-125 PUB-4-125 PUB-4-126 PUB-4-127 PUB-4-128 PUB-4-130 PUB-4-131 PUB-4-132 PUB-4-132	PUB-4-112 " PUB-4-113 " PUB-4-114 " PUB-4-115 " PUB-4-116 " PUB-4-117 " PUB-4-119 " PUB-4-120 " PUB-4-121 " PUB-4-121 " PUB-4-122 " PUB-4-123 " PUB-4-124 " PUB-4-125 " PUB-4-126 " PUB-4-127 " PUB-4-128 " PUB-4-130 " PUB-4-131 " PUB-4-131 " PUB-4-132 "	PUB-4-112 " " PUB-4-113 " " PUB-4-114 " " PUB-4-115 " " PUB-4-116 " " PUB-4-117 " " PUB-4-119 " " PUB-4-120 " " PUB-4-121 " " PUB-4-121 " " PUB-4-122 " " PUB-4-124 " " PUB-4-125 " " PUB-4-126 " " PUB-4-127 " " PUB-4-128 " " PUB-4-129 " " PUB-4-130 " " PUB-4-131 " " PUB-4-131 " " PUB-4-131 " "	PUB-4-112 " " " " PUB-4-113 " " " " PUB-4-114 " " " " " PUB-4-115 " " " " " PUB-4-117 " " " " PUB-4-118 " " " " PUB-4-120 " " " " PUB-4-121 " " " PUB-4-122 " " " PUB-4-123 " " " PUB-4-125 " " " PUB-4-126 " " " PUB-4-127 " " " PUB-4-128 " " " PUB-4-129 " " " PUB-4-130 " " " PUB-4-131 " " " PUB-4-131 " " " PUB-4-131 " " " PUB-4-132 " " " " PUB-4-131 " " " " PUB-4-132 " " " " PUB-4-133 " " " " " " PUB-4-133 " " " " " " PUB-4-133 " " " " " " " " " PUB-4-133 " " " " " " " " " " " " " " " " " "	PUB-4-112 " " " " " " " " " " " " " " " " " "	PUB-4-112 " " " " " " " PUB-4-113 " " " " " " " " " " " " " " " " " "

Ex. #	PUB-4-135	11	11	II	11	II	Concentric Study - ALG Accrual rates
Ex. #	PUB-4-136	11	11	п	11	II	Concentric Depreciation Study - ELG depreciation rates
Ex. #	PUB-4-137	11	11	11	11	"	Differences in Alliance Consulting Group Depreciation Study and Concentric Depreciation Study
Ex. #	PUB-4-138	II	11	II	11	11	Depreciation Variance on 2019 ELG Study used in Alliance ALS Study
Ex. #	PUB-4-139	"	II	11	11	"	Concentric ALG Study Schedule 4A / ALS Study
Ex. #	PUB-4-140	II	11	11	11	11	Engagement letter and CV's - ASL Study and Alliance Study
Ex. #	PUB-4-141	11	II	11	11	11	Revenue to Cost Coverage Ratio (RCC)
Ex. #	PUB-4-142	11	11	11	11	11	Rate Design and Structure to Residential Class
Ex. #	PUB-4-143	11	II	11	11	11	Revenue - General Service
Ex. #	PUB-4-144	11	II	11	11	11	GSS-GSM - harmonization
Ex. #	PUB-4-145	II	11	11	11	II	GSL bill impacts
Ex. #	PUB-4-146	II .	11	"	11	"	"missing" outdoor and flooding lighting
Ex. #	PUB-4-147	II	11	Ш	"	II.	Decorative lighting rates
Ex. #	PUB-4-148	II	11	II	11	II	Seasonal and Monthly 250 W LED Exclusive Luminaire tariffs 80 and 82
Ex. #	PUB-4-149	11	11	"	"	II	Area & Roadway Lighting
Ex. #	PUB-4-150	II	11	Ш	"	II.	High Mast rates
Ex. #	PUB-4-151	II	11	Ш	"	II.	Diesel General Service
Ex. #	PUB-4-152	II .	11	"	11	"	Curtailable Rate Program (CRP) Customers
Ex. #	PUB-4-153	11	11	11	11	"	CRP annual test failures
Ex. #	PUB-4-154	11	11	11	11	11	Curtailment Under Option A of the CRP
Ex. #	PUB-4-155	11	11	11	11	11	Surplus Energy Program (SEP) in the Integrated Resource Plan (IRP)
Ex. #	PUB-4-156	11	11	11	11	11	SEP Customer notice period
Ex. #	PUB-4-157	II	11	11	11	II	Export sales - SEP
Ex. #	PUB-4-158	II	11	11	11	II	Curtail SEP Rates

Ex. #	PUB-4-159	11	11	п	11	11	SEP sales revenues
Ex. #	PUB-4-160	11	"	11	11	II	Transmission Lines / Projects
Ex. #	PUB-4-161	"	II	11	11	II	Prospective Cost of Service Studies (PCOSS) - unit costs from PCOSS21 and PCOSS24
Ex. #	PUB-4-162	11	11	11	11	11	Export
Ex. #	PUB-4-163	11	11	"	11	11	LED roadway lighting - maintenance
Ex. #	PUB-4-164	"	11	11	II	11	Limited Use Billing Demand customer classes
Ex. #	PUB-4-165	"	"	п	11	11	Models and Data used for rate and customer impacts in App. 8.5, 8.6, 8.8 and 8.9
Ex. #	PUB-4-166	11	11	11	11	11	Peak periods for winter, summer and shoulder
Ex. #	PUB-4-167	11	"	11	11	II	Updated Tab 9 / 2003 Drought
Ex. #	PUB-4-168	11	11	11	11	11	Droughts
Ex. #	PUB-4-169	11	11	"	11	11	Physically based Inflow Forecasting Framework (PBIFF)
Ex. #	PUB-4-170	11	11	11	11	11	Inflow Forecast - Weather Forecasts
Ex. #	PUB-4-171	"	11	11	II	11	Environment and Climate Canada - weather forecasting
Ex. #	PUB-4-172	11	11	11	11	11	Ensemble Streamflow Prediction forecast
Ex. #	PUB-4-173	11	"	11	11	II	Statistical flow Forecasting Model
Ex. #	PUB-4-174	11	"	11	11	"	Forecasted Inflows
Ex. #	PUB-4-175	11	11	11	11	II	Statistical Forecasts
Ex. #	PUB-4-176	11	11	11	11	"	Teleconnections
Ex. #	PUB-4-177	11	"	11	11	II	Annual Average Hydraulic generation by sub-basin
Ex. #	PUB-4-178	11	"	11	11	II	Dr. Roy's review
Ex. #	PUB-5			MH and er - Janua			:: MH 2023/24 GRA - MH January 9, 2023 Information
Ex. #	PUB-6						ral Order in Respect of Manitoba Hydro's 2023/24 and Disputed Information Requests - January 23, 2023
Ex. #	PUB-7	PUB le	etter to	MH and	Interven	ners re	: Daymark Retainer - January 31, 2023
Ex. #	PUB-8		etter to ary 9, 2		Interven	ners re	: Round I Information Request Response Motion -

Ex. #	PUB-9	PUB-MH Round II Information Requ	uests (1-64) - February 15, 2023
Ex. #	PUB-9-1	PUB-MH I-10	Average Time - connect, answer and emergency response
Ex. #	PUB-9-2	PUB-MH I-5a-c	Operational and Infrastructure investments
Ex. #	PUB-9-3	PUB-MH I-7	Business Case / NPV analysis for the SAP cloud conversion and the Advanced Metering Initiative
Ex. #	PUB-9-4	PUB-MH I-9a-b	Hedging Mechanisms
Ex. #	PUB-9-5	PUB-MH I-13a-b	Capitalized interest
Ex. #	PUB-9-6	PUB-MH I-19	Keeyask - No long Financial Burden
Ex. #	PUB-9-7	PUB-MH I-21	Drought
Ex. #	PUB-9-8	PUB-MH I-23b / CC-MH I-49	Debt Ratio / Debt Retirement
Ex. #	PUB-9-9	PUB-MH I-24b	Financial Forecast
Ex. #	PUB-9-10	PUB-MH I-25a-d	Interest rates and forecast as of February 28, 2023
Ex. #	PUB-9-11	PUB-MH I-28a-e	SAP S/4HANA
Ex. #	PUB-9-12	PUB-MH I-31b	20-year financial scenario - ELG with 70-year phase in
Ex. #	PUB-9-13	PUB-MH I-30a-e	Amortizing interim gains and losses
Ex. #	PUB-9-14	PUB-MH I-32a-b	20-year financial scenarios - 30 and 70 year amortization period for ASL-ELG Deferral Account
Ex. #	PUB-9-15	PUB-MH I-35a-b	Payments to Government
Ex. #	PUB-9-16	PUB-MH I-39	Increased consumption due to the lower rate increases
Ex. #	PUB-9-17	PUB-MH I-40c/MIPUG-MH I-107/CC MH I-91c	- Selkirk generating station decommissioning
Ex. #	PUB-9-18	PUB-MH I-43	Excess energy rate
Ex. #	PUB-9-19	PUB-MH I-45, 56/ CC-MH I-60	Export Contracts
Ex. #	PUB-9-20	PUB-MH I-52a-e	U.S. Energy Information Administration's (EIA)
Ex. #	PUB-9-21	PUB-MH I-62a-c	Capitalized Overhead, Activity & Interest Cost
Ex. #	PUB-9-22	PUB-MH I-62a-c	Preliminary Budget
Ex. #	PUB-9-23	PUB-MH I-62b	Consulting and professional fees

Ex. #	PUB-9-24	PUB-MH I-64b	FTE reductions
Ex. #	PUB-9-25	PUB-MH I-69	O&A expenses / KPI's
Ex. #	PUB-9-26	PUB-MH I-70a-c	FTE's
Ex. #	PUB-9-27	PUB-MH I-71a, 80	Forecast annual wages
Ex. #	PUB-9-28	PUB-MH I-78a-c	vacant FTE
Ex. #	PUB-9-29	PUB-MH I-82a-c	PUB/MH I-82a-c-Attachment 3 - Service Life
Ex. #	PUB-9-30	PUB-MH I-85	SAIDI and SAIFI
Ex. #	PUB-9-31	PUB-MH I-92, MIPUG-MH I-83d, CC- MH I-160d-e	Capital Expenditure Plan
Ex. #	PUB-9-32	PUB-MH I-95a-c, 92, CC-MH I-160a- e, MIPUG-MH I-82h,79b	Project management and risk management
Ex. #	PUB-9-33	PUB-MH I-96, MIPUG-MH I-107	Brandon U6 and U7 combustion turbines
Ex. #	PUB-9-34	PUB-MH I-101	Asset Management Maturity
Ex. #	PUB-9-35	PUB-MH I-104	LED roadway lighting
Ex. #	PUB-9-36	PUB-MH I-108a-b	PUB-MH 1-108 table b - total change over the 20 years forecast
Ex. #	PUB-9-37	PUB-MH I-118a-c	Survey, including a table identifying each utility
Ex. #	PUB-9-38	PUB-MH I-122	ALC / ELG Methodologies
Ex. #	PUB-9-39	PUB-MH I-127	2019 Concentric Study ASL Depreciation Rates
Ex. #	PUB-9-40	PUB-MH I-132d	Regulatory interest rates
Ex. #	PUB-9-41	PUB-MH I-139c	Asset Accounting Handbook
Ex. #	PUB-9-42	PUB-MH I-140a-c	Depreciation Studies - Hydro One and Yukon Energy
Ex. #	PUB-9-43	MFR 95	Amortization - book accumulated depreciation and the calculated accrued depreciation
Ex. #	PUB-9-44	PUB-MH I-144	first 50 kVA of demand calculation
Ex. #	PUB-9-45	PUB-MH I-145	Change in billing demand
Ex. #	PUB-9-46	PUB-MH I-158c, 52e	Winter Storm Uri / SEP Customers
Ex. #	PUB-9-47	PUB-MH I-160	Birtle Transmission Project (BTP)

Ex. #	PUB-9-48	CC-MH I-6i, 27	Cash flow to debt ratio
Ex. #	PUB-9-49	CC-MH I-10	20-year financial scenario
Ex. #	PUB-9-50	CC-MH I-24	O&A costs higher for Keeyask than legacy generating assets
Ex. #	PUB-9-51	CC-MH I-27	Hydraulic generation
Ex. #	PUB-9-52	PUB-MH I-39 / CC-MH I-56	Load forecast
Ex. #	PUB-9-53	CC-MH I-85	Corporate Value Framework scores
Ex. #	PUB-9-54	CC-MH I-85	Manitoba Hydro generation and transmission system
Ex. #	PUB-9-55	CC-MH I-85, 109	Pointe du Bois station
Ex. #	PUB-9-56	CC-MH I-115	Pointe du Bois Renewable Energy Project
Ex. #	PUB-9-57	CC-MH I-160	Capital Investment Justifications
Ex. #	PUB-9-58	CC-MH I-144	residential customer bills for 1,000 and 2,000 kWh consumption if MH had a RCC of 83%.
Ex. #	PUB-9-59	CC-MH I-157	LED Roadway Conversion Program
Ex. #	PUB-9-60	GSS-GSM-MH I-7	Corporate Value Framework score to the vegetation management program
Ex. #	PUB-9-61	MIPUG-MH I-99	SEP Load
Ex. #	PUB-9-62	МКО-МН І-7	First Nations Social Process
Ex. #	PUB-9-63	МКО-МН І-9	Energy Affordability Installment Plan
Ex. #	PUB-9-64	AMC-MH I-30b, MKO-MH I-1	First Nation On-Reserve
Ex. #	PUB-10		ral Order in Respect of Manitoba Hydro's 2023/24 and Updated Hearing Timetable - February 23, 2023
Ex. #	PUB-11		e: Pre Hearing Conference #2 - April 6, 2023 - March 9,
Ex. #	PUB-12		k Scope of Work Confirmation - March 13, 2023
Ex. #	PUB-13		ural Order in Respect of Manitoba Hydro's 2023/24 and Updated Schedule and Scope - April 11, 2023
Ex. #	PUB-14		ation Requests (1-37) - April 14, 2023
Ex. #	PUB-14-1	11 11 11 11	Midgard - Vegetation Management Spending
Ex. #	PUB-14-2	11 11 11 11	Midgard - SAIDI and SAIFI

Ex. #	PUB-14-3	II .	11	11	11	II	Midgard - O&A Expenses and Increases in FTE
Ex. #	PUB-14-4	11	11	II .	11	11	Midgard - AMCL Assessment
Ex. #	PUB-14-5	"	11	п	11	11	Midgard - Capital Expenditures
Ex. #	PUB-14-6	11	"	п	11	"	Midgard - Asset Management
Ex. #	PUB-14-7	11	"	11	11	11	Midgard - Redundant Component
Ex. #	PUB-14-8	11	"	11	11	11	Midgard - Investments in Bipoles I and II
Ex. #	PUB-14-9	11	11	11	II	11	Midgard - Domestic Reliability and needs / Catastrophic Failure
Ex. #	PUB-14-10	11	11	11	11	п	Midgard - T-SAIDI
Ex. #	PUB-14-11	11	"	11	11	11	Midgard - Replacement of Assets
Ex. #	PUB-14-12	11	"	п	11	11	Midgard - Minimum System
Ex. #	PUB-14-13	11	"	п	11	11	Midgard - Recommendations
Ex. #	PUB-14-14	11	"	п	11	11	Derksen - Rate Differentiation
Ex. #	PUB-14-15	11	11	11	II	11	Derksen - Appropriate RCC
Ex. #	PUB-14-16	11	11	11	II	11	Derksen - Marginal Cost
Ex. #	PUB-14-17	11	11	п	11	11	Derksen - RCC Ratios / LED Roadway Lighting
Ex. #	PUB-14-18	11	11	11	II	11	Derksen - GSL classes
Ex. #	PUB-14-19	11	11	11	II	11	Derksen - Zone of reasonableness
Ex. #	PUB-14-20	11	11	11	II	11	Derksen - Water / Differentiated Rates
Ex. #	PUB-14-21	11	II	II	11	"	Derksen - GSL class
Ex. #	PUB-14-22	11	11	II	11	11	Derksen - Area & Roadway Lighting Class
Ex. #	PUB-14-23	11	11	II	11	11	MPA - Retainer letter and Scope
Ex. #	PUB-14-24	11	II	II	11	"	MPA - reduction in payments to government
Ex. #	PUB-14-25	11	11	11	11	11	MPA - Cash Flows
Ex. #	PUB-14-26	11	11	11	11	11	Rainkie - Interim Rate Increase

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Ex. #	PUB-14-27	"	II	"	"	"	Rainkie - Figure 4
Ex. #	PUB-14-28	11	11	п	п	"	Rainkie - Risks
Ex. #	PUB-14-29	11	11	п	п	"	Rainkie - MH Amendment Act (Bill 36)
Ex. #	PUB-14-30	"	II .	II .	п	"	Rainkie - Financial ratios and targets
Ex. #	PUB-14-31	"	II .	п	п	"	Rainkie - KPMG recommended targets
Ex. #	PUB-14-32	11	II	п	II	"	Rainkie - Extrapolated increase in O&A expenses
Ex. #	PUB-14-33	11	11	п	II	"	Rainkie - Rate Setting Purposes
Ex. #	PUB-14-34	"	11	п	п	"	Rainkie - Figures 20 and 21
Ex. #	PUB-14-35	11	11	п	II .	"	Rainkie - Excess Profits
Ex. #	PUB-14-36	11	II	п	II .	"	Rainkie - 50% and 100% deferral analysis
Ex. #	PUB-14-37	11	II	II .	II .	"	Rainkie - Social discount rate
Ex. #	PUB-15	PUB-G	SS-GSM	Interven	er Inform	ati	on Requests (1-8) - April 14, 2023
Ex. #	PUB-15-1	"	II .	п	п	"	Componentization
Ex. #	PUB-15-2	"	11	п	п	"	Deferral Account
Ex. #	PUB-15-3	"	II .	п	п	"	ELG v. ALG
Ex. #	PUB-15-4	"	11	п	п	"	ELG v. ALG deferral account
Ex. #	PUB-15-5	11					
				"	II	"	60-R3, 65-R5 and 65-R4 low curves
Ex. #	PUB-15-6	11	11	"	11	"	60-R3, 65-R5 and 65-R4 low curves Zero-budgeting exercises
	PUB-15-6 PUB-15-7	"	11	"	"	" "	
Ex. #							Zero-budgeting exercises
Ex. #	PUB-15-7	11	11	11	"	"	Zero-budgeting exercises Expenditures
Ex. # Ex. #	PUB-15-7 PUB-15-8	11	11	11	"	"	Zero-budgeting exercises Expenditures Declining block energy rate
Ex. # Ex. # Ex. #	PUB-15-7 PUB-15-8 PUB-16	" PUB-N	" " IIPUG In	" tervener	" Informat	" "	Zero-budgeting exercises Expenditures Declining block energy rate Requests (1-15) - April 14, 2023
Ex. # Ex. # Ex. # Ex. # Ex. #	PUB-15-7 PUB-15-8 PUB-16 PUB-16-1	" PUB-N	" IIPUG In	" tervener	" Informat	ion	Zero-budgeting exercises Expenditures Declining block energy rate Requests (1-15) - April 14, 2023 NFAT Plans

Ex. #	PUB-16-4	" '	ı	п	II .	" Interim Rate increase
Ex. #	PUB-16-5	" '	1	ıı	II .	" Uncertainty Analysis
Ex. #	PUB-16-6	11 1	1	II	11	" Conawapa
Ex. #	PUB-16-7	" '	ı	п	11	" Losses
Ex. #	PUB-16-8	11 1	ı	11	п	" RCC Ratios
Ex. #	PUB-16-9	11 1	ı	11	II	" PCOSS
Ex. #	PUB-16-10	11 1	1	II .	II	" Impact of 2024/25 NER on RCC Ratios
Ex. #	PUB-16-11	11 1	1	II .	II .	Marginal Value and Allocation of DSM Costs
Ex. #	PUB-16-12	" "	1	II	11	Peak day / Peak hours
Ex. #	PUB-16-13	11 1	1	II .	II .	RCC Ratios and the Zone of Reasonableness
Ex. #	PUB-16-14	11 1	ı	II .	II	Rate Differentiation Based on 2024/25 NER
Ex. #	PUB-16-15	11 1	ı	11	II	Rate Increase Applied to Demand Rate
Ex. #	PUB-17	PUB-DE	A Indep	endent l	Expert Co	nsultant Information Request (1-15) - April 21, 2023
	PUB-17 PUB-17-1			endent		nsultant Information Request (1-15) - April 21, 2023 Premium for Long-Term Dependable Energy
Ex. #		" '	1		II	
Ex. #	PUB-17-1		1	11	11	Premium for Long-Term Dependable Energy
Ex. # Ex. #	PUB-17-1 PUB-17-2		1	11	п	Premium for Long-Term Dependable Energy Uncontracted Surplus Capacity
Ex. # Ex. # Ex. #	PUB-17-1 PUB-17-2 PUB-17-3	11 1	1	11	n n	Premium for Long-Term Dependable Energy Uncontracted Surplus Capacity Asymmetrical Risk
Ex. # Ex. # Ex. # Ex. #	PUB-17-1 PUB-17-2 PUB-17-3 PUB-17-4	11 1	1	11	11	Premium for Long-Term Dependable Energy Uncontracted Surplus Capacity Asymmetrical Risk Financial Forecast Scenario - Inflow Forecasting
Ex. # Ex. # Ex. # Ex. #	PUB-17-1 PUB-17-2 PUB-17-3 PUB-17-4 PUB-17-5		1	"	11	Premium for Long-Term Dependable Energy Uncontracted Surplus Capacity Asymmetrical Risk Financial Forecast Scenario - Inflow Forecasting Ancillary Services
Ex. # Ex. # Ex. # Ex. # Ex. # Ex. #	PUB-17-1 PUB-17-2 PUB-17-3 PUB-17-4 PUB-17-5 PUB-17-6		1	"	n n n	Premium for Long-Term Dependable Energy Uncontracted Surplus Capacity Asymmetrical Risk Financial Forecast Scenario - Inflow Forecasting Ancillary Services Capacity Price Forecast
Ex. # Ex. # Ex. # Ex. # Ex. # Ex. #	PUB-17-1 PUB-17-2 PUB-17-3 PUB-17-4 PUB-17-5 PUB-17-6 PUB-17-7		1	""	II	Premium for Long-Term Dependable Energy Uncontracted Surplus Capacity Asymmetrical Risk Financial Forecast Scenario - Inflow Forecasting Ancillary Services Capacity Price Forecast MISO PRA Auction
Ex. #	PUB-17-1 PUB-17-2 PUB-17-3 PUB-17-4 PUB-17-5 PUB-17-6 PUB-17-7 PUB-17-8		1	"	II	Premium for Long-Term Dependable Energy Uncontracted Surplus Capacity Asymmetrical Risk Financial Forecast Scenario - Inflow Forecasting Ancillary Services Capacity Price Forecast MISO PRA Auction Seasonal Diversity Contracts

Ex. #	PUB-17-12	" " " " Drought Management Actions
Ex. #	PUB-17-13	" " " " MH Drought Management Policies and Processes
Ex. #	PUB-17-14	" " " Price Hedging Activity
Ex. #	PUB-17-15	" " " " Drought Management Process Changes
Ex. #	PUB-18	Board Order 57/23 -Fifth Procedural Order in Respect of Manitoba Hydro's 2023/24 And 2024/25 General Rate Application (Hearing Schedule, Adjudication of Claims for Confidentiality, and Recommendation of the Manitoba Industrial Power Users Group Regarding the Write-Off of Deferral Accounts) - May 2, 2023
Ex. #	PUB-19	Board Counsel Book of Documents
Ex. #	PUB-19-1	Volume 1 Policy
Ex. #	PUB-19-2	Volume 2 Drought Management, Export and Hydrology
Ex. #	PUB-19-3	Volume 3 Asset Management and Capital
Ex. #	PUB-19-4	Volume 4 Revenue Requirement
Ex. #	PUB-19-5	Volume 5 Depreciation
Ex. #	PUB-19-6	Volume 6 Cost of Service & Rate Design
Ex. #	PUB-20	Depreciation Issues Document - May 10, 2023
Ex. #	PUB-21	Winnipeg Free Press Article - May 3, 2023 page A8 - Saskatchewan looking into whether Ottawa's emissions policy can be blocked, Moe says
Ex. #	PUB-22	MH 2019/20 Electric Rate Application Direct Evidnece Presentation
Ex. #	PUB-23	Bill 20 - The Crown Corporations Governance and Accountability Act - May 17, 2023
Ex. #	PUB-24	Excerpts from PUB-MH II-34a-e from the 2017/18 & 2018/19 GRA
Ex. #	PUB-25	Depreciation Presentation - June 5, 2023
Ex. #	PUB-26	CV of Ian Innis - June 5, 2023
Ex. #	PUB-27	BC Hydro Revenue Requirements Application - Excerpts - June 5, 2023
Ex. #	PUB-28	OPG - Depreciation Study - June 5, 2023
Ex. #	PUB-29	Aids to Cross Examination - Legislative Excerpts - Cost of Service - June 7, 2023





EXHIBIT LIST FORMANITOBA HYDRO

June 26, 2023

Daymark Energy Advisors (DEA) Exhibits

Ex. #	DEA-1	DEA letter re: Formal Information Requests to MH - March 8, 2023
Ex. #	DEA-2	Daymark Evidence - April 11, 2023
Ex. #	DEA-3	Daymark CV's John Athas, Douglas Smith and Jeffrey Bower - May 15, 2023
Ex. #	DEA-4	Daymark Energy Advisors - Export Revenues and Drought Operations Presentation - May 17, 2023
Ex. #	DEA-5	Daymark Subject to Check - from May 19, 2023 Response - May 26, 2023



EXHIBIT LIST FOR

MANITOBA HYDRO

June 26, 2023

ASSEMBLY OF MANITOBA CHIEFS (AMC) Exhibits

Ex. #	AMC-1	AMC Intervener Application - November 24, 2022									
Ex. #	AMC-2	AMC-MH Round I Information Requests (1-34) - December 20, 2022									
Ex. #	AMC-2-1	11	11	11	11	Electrification and Broader Decarbonisation Policies					
Ex. #	AMC-2-2	II	11	11	11	Decentralization					
Ex. #	AMC-2-3	II	11	11	11	Cost Recovery Mechanisms					
Ex. #	AMC-2-4	II	11	11	11	Generation					
Ex. #	AMC-2-5	II	11	11	11	Cost/Benefit Analysis					
Ex. #	AMC-2-6	II	11	11	11	ELT Continuous Improvement Initiatives					
Ex. #	AMC-2-7	II .	11	11	11	First Nation engagement and programs					
Ex. #	AMC-2-8	II	11	11	11	Exports					
Ex. #	AMC-2-9	II	11	11	11	Behind-the-meter installation					
Ex. #	AMC-2-10	II	11	11	11	Export Contract analysis					
Ex. #	AMC-2-11	II	11	11	11	Asset Optimization					
Ex. #	AMC-2-12	11	11	11	11	Profit-sharing deferral account					
Ex. #	AMC-2-13	11	11	11	11	Customer Research - First Nations					
Ex. #	AMC-2-14	11	11	11	11	Impact of interim rate increase (3.6%)					
Ex. #	AMC-2-15	11	11	11	11	Capital Spend					
Ex. #	AMC-2-16	11	11	11	11	Supply / Demand					

Ex. #	AMC-2-17	11	11	п	"	Dependable Sales
Ex. #	AMC-2-18	11	П	п	11	Export Sales
Ex. #	AMC-2-19	11	11	11	"	Low and High scenario export values
Ex. #	AMC-2-20	11	II .	II .	11	upper and lower bounds on price forecasts
Ex. #	AMC-2-21	11	II .	11	11	Price Forecasts
Ex. #	AMC-2-22	11	11	II .	11	Cost Assumptions for Purchase Agreements by fuel type
Ex. #	AMC-2-23	11	11	11	11	Debt Ratio
Ex. #	AMC-2-24	11	11	11	11	Water flows
Ex. #	AMC-2-25	11	II .	II .	11	High and low electricity price forecast sensitivities
Ex. #	AMC-2-26	11	II .	II .	11	Seasonable capacity auction
Ex. #	AMC-2-27	11	11	11	11	Winter Hedging
Ex. #	AMC-2-28	11	11	п	11	First Nation Employees
Ex. #	AMC-2-29	11	11	11	11	Self-Service customer assistance
Ex. #	AMC-2-30	11	11	11	II .	Uncollectible Accounts
Ex. #	AMC-2-31	11	11	п	11	Consumption Patterns
Ex. #	AMC-2-32	11	11	11	II .	Economic Opportunity Partnerships
Ex. #	AMC-2-33	11	11	п	11	Non-Manitoba Hydro Renewable Energy
Ex. #	AMC-2-34	11	11	п	11	Reconciliation
Ex. #	AMC-2-35 Jan	11	11	п	11	Proposed rate by rate class
Ex. #	AMC-2-36	11	11	п	11	RCC - PCOSS
Ex. #	AMC-2-37	11	11	п	11	year over year percentage rate increase
Ex. #	AMC-2-38	11	11	п	"	Residential Bill - percentage of Manitoba's median income
Ex. #	AMC-2-39	11	11	п	11	Residential Rate Class
Ex. #	AMC-2-40	"	ш	п	11	Alternative Rate Design for residential class

Ex. #	AMC-2-41	11 11	II .	"	Net Export Revenue
Ex. #	AMC-2-42	11 11	II	11	Arrears and bad debt expense
Ex. #	AMC-2-43	11 11	11	11	First Nation On-Reserve Residential Rate Class
Ex. #	AMC-2-44	11 11	11	11	Average Electricity residential usage for each First Nation in Manitoba
Ex. #	AMC-2-45	11 11	II	11	Residential Energy Use Survey
Ex. #	AMC-2-46	11 11	II	11	Indigenous Voices Omnibus Survey
Ex. #	AMC-3	AMC-MH Round I	l Inform	ation Re	equests (1-12) - February 15, 2023
Ex. #	AMC-3-1	AMC-MH I-1			Risks
Ex. #	AMC-3-2	AMC-MH I-2a-b			Notification for on site generation
Ex. #	AMC-3-3	AMC-MH I-4a-b			Cost of self-generation
Ex. #	AMC-3-4	AMC-MH I-10a			Export Contracts
Ex. #	AMC-3-5	AMC-MH I-11a-b			Decreased reliability of assets
Ex. #	AMC-3-6	AMC-MH I-27a			Hedging
Ex. #	AMC-3-7	AMC-MH I-28a			First Nation Employees
Ex. #	AMC-3-8	AMC-MH I-30a-b			Late payment and uncollected First Nation accounts
Ex. #	AMC-3-9	AMC-MH I-30d-e			uncollectible and disconnected accounts
Ex. #	AMC-3-10	AMC-MH I-34			Reconciliation with First Nations
Ex. #	AMC-3-11	AMC-MH I-38b			Median on-reserve income levels
Ex. #	AMC-3-12	AMC-MH I-43			Cumulative rate increase former First Nations on- reserve residential rate class Sept 1, 2020 to Apr 2024
Ex. #	AMC-4	AMC-CC Intervene	er Inforn	nation F	Requests (1-6) - April 14, 2023
Ex. #	AMC-4-1	11 11 1	ı	11	Derksen - Monthly Basic Charge and Volumetric Rate
Ex. #	AMC-4-2		ı	11	Derksen - Ranking criteria
Ex. #	AMC-4-3		ı	11	Derksen - Revenue-to-Cost
Ex. #	AMC-4-4	11 11 1	1	11	Derksen - most and least impacted customers
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Ex. #	AMC-4-5	11	"	11	"	Derksen - Marginal Costs		
Ex. #	AMC-4-6	11	11	11	11	Derksen - Cost Structure		
Ex. #	AMC-5	AMC	letter re:	P. Bowr	nan Recc	ommendation # 4 - April 21, 2023		
Ex. #	AMC-6	AMC-	-DEA Ind	ependen	t Expert	Consultant Information Requests (1-14) - April 21, 2023		
Ex. #	AMC-6-1	II .	II	11	11	Drought		
Ex. #	AMC-6-2	ıı .	"	11	"	MISO Market Conditions		
Ex. #	AMC-6-3	ıı .	"	11	11	Recent engagement in MISO market		
Ex. #	AMC-6-4	"	"	11	11	MISO Market - Energy capacity		
Ex. #	AMC-6-5	ıı .	II .	11	11	Flexible Resources		
Ex. #	AMC-6-6	II .	"	11	11	Export Revenue		
Ex. #	AMC-6-7	ıı .	11	11	11	Heat Rate Approach		
Ex. #	AMC-6-8	II .	"	11	11	Capacity Sales		
Ex. #	AMC-6-9	II .	"	11	11	Summer-based capacity sales		
Ex. #	AMC-6-10	ıı .	11	11	11	Export Markets		
Ex. #	AMC-6-11	ıı .	"	11	11	Violations		
Ex. #	AMC-6-12	"	"	11	11	Hedging		
Ex. #	AMC-6-13	"	II .	11	11	Risk		
Ex. #	AMC-6-14	"	II .	11	II .	Hedging Strategy between sales and purchases		
Ex. #	AMC-7	2022	2022 Annual Planning Outlook from IESO - May 15, 2023					
Ex. #	AMC-8	MISO	MISO's 2022/23 Planning Resource Auction Results - May 15, 2023					
Ex. #	AMC-9	AMC	Closing V	Vritten S	ubmissio	n - June 22, 2023		
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EXHIBIT LIST FOR

MANITOBA HYDRO

June 26, 2023

CONSUMER ASSOCIATION OF CANADA (MANITOBA) and WINNIPEG HARVEST (CC)

Ex. #	CC-1-1	CC I	nterve	ner App	lication - ſ	November 24, 2022
Ex. #	CC-2	CC-I	MH Ro	und I In	formation	Requests (1-129) - December 20, 2022
Ex. #	CC-2-1	"	11	11	11	Strategy 2040
Ex. #	CC-2-2	"	11	11	II .	Dunsky Report
Ex. #	CC-2-3	"	11	11	11	safe, clean, reliable energy at the lowest possible cost
Ex. #	CC-2-4	"	11	11	11	Business Units
Ex. #	CC-2-5	"	11	11	11	Enterprise Strategic Portfolio Management System
Ex. #	CC-2-6	"	11	11	11	Enterprise Performance Management (EPM)
Ex. #	CC-2-7	"	11	11	11	Enterprise Risk Management (ERM)
Ex. #	CC-2-8	"	11	11	11	Integrated Resource Plan (IRP)
Ex. #	CC-2-9	"	11	11	11	Rate Increases
Ex. #	CC-2-10	"	11	11	11	payments to government
Ex. #	CC-2-11	"	11	11	11	2% rate path
Ex. #	CC-2-12	"	11	11	11	Net Income
Ex. #	CC-2-13	"	11	11	11	Major Capital Projects
Ex. #	CC-2-14	"	11	11	11	Capital Expenditure Plan
Ex. #	CC-2-15	"	11	11	11	Domestic Revenues
Ex. #	CC-2-16	"	II	II	II	Depreciation Expense

Ex. #	CC-2-17	"	11	II .	II .	Capital & Other Taxes
Ex. #	CC-2-18	"	"	11	II	Other Expenses
Ex. #	CC-2-19	"	11	11	II	Income Statement for 2021/22 - Actual v. Budget
Ex. #	CC-2-20	"	"	II .	II	Net Finance Expense
Ex. #	CC-2-21	"	"	11	П	Dependable and Opportunity Export Energy Sale Volumes
Ex. #	CC-2-22	"	11	11	п	Capital to Operating
Ex. #	CC-2-23	"	"	11	н	Priorities
Ex. #	CC-2-24	"	11	II	н	Maintenance and Operating forecast spending
Ex. #	CC-2-25	"	"	II	11	Budgetary Deficits
Ex. #	CC-2-26	II .	"	II	11	Keeyask Generating Station
Ex. #	CC-2-27	"	11	II	11	MH16 Forecast
Ex. #	CC-2-28	"	"	II	11	Financial Forecast Scenario
Ex. #	CC-2-29	"	"	II	11	Financial Forecast Scenario - near-term and longer-term
Ex. #	CC-2-30	"	11	II	11	Opportunity Energy Sales Volumes
Ex. #	CC-2-31	"	"	II	11	New wind PPA
Ex. #	CC-2-32	II .	"	II	11	Regulatory Deferral Balances
Ex. #	CC-2-33	"	"	11	н	Net debt balance
Ex. #	CC-2-34	II .	"	II	11	Underlying debt rates and projected refinancing rates
Ex. #	CC-2-35	II .	"	11	П	Cash Flow
Ex. #	CC-2-36	11	"	II	II .	Risk Sensitivities
Ex. #	CC-2-37	11	"	II	н	IASB - Regulatory Assets and Liabilities
Ex. #	CC-2-38	11	"	II	н	Regulatory Deferral Accounts and amortization periods
Ex. #	CC-2-39	II .	"	п	11	Keeyask In-service deferral
Ex. #	CC-2-40	II .	11	11	11	SAP CCA Deferral
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Ex. #	CC-2-41	"	11	"	11	Depreciation
Ex. #	CC-2-42	"	II	"	"	Two-year amortization - Major Capital Projects Deferral Account
Ex. #	CC-2-43	11	11	п	II	DSM Expenditures
Ex. #	CC-2-44	"	II	ıı .	"	Debt Management
Ex. #	CC-2-45	11	II	п	II	Debt Management Objectives
Ex. #	CC-2-46	"	II	п	ıı .	Debt Management Objectives - low-cost and stable funding
Ex. #	CC-2-47	"	II	п	ıı .	Hedge transactions
Ex. #	CC-2-48	"	II	п	ıı .	Forecast Interest Rates
Ex. #	CC-2-49	11	II	ıı .	ıı .	EBITDA Interest Coverage Ratio
Ex. #	CC-2-50	11	II	ıı .	ıı .	Load Forecast
Ex. #	CC-2-51	11	II	ıı .	ıı .	Energy Growth
Ex. #	CC-2-52	"	II	"	"	Gross Total Peak
Ex. #	CC-2-53	"	II	"	"	Electric Load Scenario - Gross Firm Energy
Ex. #	CC-2-54	"	II	"	"	Load Forecast
Ex. #	CC-2-55	"	II	II .	"	Residential Basic Energy
Ex. #	CC-2-56	11	II	ıı .	ıı .	Residential Basic energy growth
Ex. #	CC-2-57	"	II	II .	"	Electric Vehicle
Ex. #	CC-2-58	"	II	II .	"	2021 Load Scenario
Ex. #	CC-2-59	"	II	ıı .	ıı .	Pipeline Load
Ex. #	CC-2-60	"	11	II	· ·	long-term export contracts
Ex. #	CC-2-61	"	II	ıı .	ıı .	Capacity in Electric Load Scenario
Ex. #	CC-2-62	"	II	ıı .	ıı .	2021 Electric Load Scenario
Ex. #	CC-2-63	"	11	11	11	Load Scenario / Load Forecast
Ex. #	CC-2-64	"	II	п	11	Anticipated Need Dates

Ex. #	CC-2-65	II	11	II .	п	Resource needs
Ex. #	CC-2-66	11	"	II	п	O&A Budget
Ex. #	CC-2-67	"	11	II	11	O&A Costs
Ex. #	CC-2-68	"	"	II	II	O&A Budgets - top-down and bottom-up approach
Ex. #	CC-2-69	II .	"	II	11	Improvement initiatives
Ex. #	CC-2-70	"	11	11	11	Trade and Professional Trainees
Ex. #	CC-2-71	"	"	II	11	Customer Engagement Centre
Ex. #	CC-2-72	"	"	II	II	FTE Decrease
Ex. #	CC-2-73	"	11	II	11	Voluntary attrition
Ex. #	CC-2-74	"	11	"	11	Wage settlements
Ex. #	CC-2-75	"	11	11	11	Information Technology Plan
Ex. #	CC-2-76	"	"	II	п	Cloud Computing Arrangements (CCA's)
Ex. #	CC-2-77	"	"	11	11	O&A costs - Major Capital Projects
Ex. #	CC-2-78	"	"	11	11	Business Operations Capital
Ex. #	CC-2-79	"	"	II	п	Supply Chain Cost Savings
Ex. #	CC-2-80	"	"	II	п	O&A Cost pressures
Ex. #	CC-2-81	"	"	II	п	Employee benefits discount rates
Ex. #	CC-2-82	"	"	II	п	Employee Related expenditures
Ex. #	CC-2-83	II .	11	II	П	straight-time FTE's
Ex. #	CC-2-84	II .	11	II	П	Capital Expenditure Forecast (CEF)
Ex. #	CC-2-85	II .	11	II	П	Capital Project Justifications
Ex. #	CC-2-86	II .	11	II	11	Operational Technology Assets
Ex. #	CC-2-87	II	11	II	11	Manitoba - Minnesota Transmission Project
Ex. #	CC-2-88	"	11	11	П	Bipole I and II HVDC Refurbishment Investments

Ex. # CC-2-90 " " " " Capital Expenditures Plan Ex. # CC-2-91 " " " " Grid Modernization Project - Electric Power Research Institute (EPRI) Ex. # CC-2-92 " " " " Garial Expenditures Plan Ex. # CC-2-92 " " " " Generation, Transmission and Distribution Ex. # CC-2-93 " " " " Value provided by customers Ex. # CC-2-94 " " " " " Targeted levels of performance and risk Ex. # CC-2-95 " " " " Hydraulic Generation Weighted Forced Outage Factor (WFOF) Ex. # CC-2-96 " " " " " Transmission Interruption Percentage Ex. # CC-2-97 " " " " Transmission Interruption Percentage Ex. # CC-2-98 " " " " Transmission and Generation Capacity Ex. # CC-2-99 " " " " Asset Health Indices (AHIs) Ex. # CC-2-101 " " " Economic Life Ex. # CC-2-102 " " " " Asset Populations Ex. # CC-2-103 " " " " Asset Populations Ex. # CC-2-104 " " " " Asset Populations Ex. # CC-2-105 " " " " Asset Populations Ex. # CC-2-106 " " " " Asset Populations Ex. # CC-2-107 " " " " Asset Populations Ex. # CC-2-108 " " " " Asset Set Set Set Set Set Set Set Set Set S	Ex. #	CC-2-89	11	11	11	11	Advancing Metering Infrastructure (AMI) project
Ex. # CC-2-91 " " " " " Gapital Expenditures Plan Ex. # CC-2-92 " " " " " S-Year Historical Average of SAIDI and SAIFI Values Ex. # CC-2-93 " " " " Value provided by customers Ex. # CC-2-94 " " " " Targeted levels of performance and risk Ex. # CC-2-96 " " " Hydraulic Generation Weighted Forced Outage Factor (WFOF) Ex. # CC-2-97 " " " Transmission Interruption Percentage Ex. # CC-2-98 " " " " Transmission Interruption Percentage Ex. # CC-2-99 " " " " Transmission and Generation Capacity Ex. # CC-2-99 " " " " Asset Health Indices (AHIs) Ex. # CC-2-100 " " " " Capital Investment Ex. # CC-2-101 " " " Maturity Barriers Ex. # CC-2-103 " " " Maturity Barriers Ex. # CC-2-104 " " " Asset Populations Ex. # CC-2-105 " " " Asset Populations Ex. # CC-2-108 " " " Generation Investments Ex. # CC-2-109 " " " Generation Investments Ex. # CC-2-109 " " " Generation Investments Ex. # CC-2-109 " " " " Generation Investments Ex. # CC-2-109 " " " " Generation Investments Ex. # CC-2-109 " " " " Generation Investments Ex. # CC-2-109 " " " " Generation Investments Ex. # CC-2-109 " " " " Generation Investments Ex. # CC-2-109 " " " " Mandatory Compliance Investments Ex. # CC-2-111 " " " Mandatory Compliance Investments	Ex. #	CC-2-90	"	11	11	II	· · · · · · · · · · · · · · · · · · ·
Ex. # CC-2-93 " " " " Generation, Transmission and Distribution Ex. # CC-2-94 " " " " Value provided by customers Ex. # CC-2-95 " " " " Targeted levels of performance and risk Ex. # CC-2-96 " " " " Hydraulic Generation Weighted Forced Outage Factor (WFOF) Ex. # CC-2-97 " " " " Transmission Interruption Percentage Ex. # CC-2-98 " " " " Transmission Interruption Percentage Ex. # CC-2-98 " " " " Transmission and Generation Capacity Ex. # CC-2-100 " " " " Asset Health Indices (AHIs) Ex. # CC-2-101 " " " Capital Investment Ex. # CC-2-102 " " " " Cultural and Structural changes Ex. # CC-2-104 " " " Cultural and Structural changes Ex. # CC-2-105 " " " " Asset Populations Ex. # CC-2-106 " " " " Assets Ex. # CC-2-107 " " " " Generation Investments Ex. # CC-2-109 " " " " Generation Investments Ex. # CC-2-109 " " " " End of Life / Failed Asset Evaluation Ex. # CC-2-111 " " " End of Life / Failed Asset Evaluation Ex. # CC-2-111 " " " Mandatory Compliance Investments	Ex. #	CC-2-91	"	"	11	II	
Ex. # CC-2-94 " " " " Value provided by customers Ex. # CC-2-95 " " " " " Targeted levels of performance and risk Ex. # CC-2-96 " " " " Hydraulic Generation Weighted Forced Outage Factor (WFOF) Ex. # CC-2-97 " " " Transmission Interruption Percentage Ex. # CC-2-98 " " " " Transmission and Generation Capacity Ex. # CC-2-99 " " " " Transmission and Generation Capacity Ex. # CC-2-100 " " " " Capital Investment Ex. # CC-2-101 " " " Capital Investment Ex. # CC-2-103 " " " Cultural and Structural changes Ex. # CC-2-104 " " " Work Orders Ex. # CC-2-105 " " " Asset Ex. # CC-2-106 " " " " Generation Investments Ex. # CC-2-107 " " " Generation Investments Ex. # CC-2-108 " " " Generation Investments Ex. # CC-2-109 " " " System Efficient Investments Ex. # CC-2-110 " " " System Efficient Investments Ex. # CC-2-111 " " " Mandatory Compliance Investments	Ex. #	CC-2-92	"	"	11	II	5-Year Historical Average of SAIDI and SAIFI Values
Ex. # CC-2-96 " " " " Targeted levels of performance and risk Ex. # CC-2-96 " " " " Hydraulic Generation Weighted Forced Outage Factor (WFOF) Ex. # CC-2-97 " " " Transmission Interruption Percentage Ex. # CC-2-98 " " " " Transmission and Generation Capacity Ex. # CC-2-99 " " " " Transmission and Generation Capacity Ex. # CC-2-100 " " " " Capital Investment Ex. # CC-2-101 " " " Capital Investment Ex. # CC-2-103 " " " " Cultural and Structural changes Ex. # CC-2-105 " " " Work Orders Ex. # CC-2-106 " " " Work Orders Ex. # CC-2-107 " " " Assets Ex. # CC-2-108 " " " Generation Investments Ex. # CC-2-109 " " " Generation Investments Ex. # CC-2-109 " " " System Efficient Investments Ex. # CC-2-111 " " " Mandatory Compliance Investments	Ex. #	CC-2-93	II	11	11	11	Generation, Transmission and Distribution
Ex. # CC-2-96 " " " " Hydraulic Generation Weighted Forced Outage Factor (WFOF) Ex. # CC-2-97 " " " Transmission Interruption Percentage Ex. # CC-2-98 " " " " 10-year history of T-SAIDI and T-SAIFI Values Ex. # CC-2-99 " " " Asset Health Indices (AHIs) Ex. # CC-2-100 " " " Capital Investment Ex. # CC-2-101 " " " Cultural and Structural changes Ex. # CC-2-105 " " " Cultural and Structural changes Ex. # CC-2-106 " " " Work Orders Ex. # CC-2-107 " " " Generation Investments Ex. # CC-2-109 " " " System Efficient Investments Ex. # CC-2-109 " " " End of Life / Failed Asset Evaluation Ex. # CC-2-111 " " " Mandatory Compliance Investments Ex. # CC-2-111 " " " Mandatory Compliance Investments	Ex. #	CC-2-94	II	11	11	11	Value provided by customers
Ex. # CC-2-98 " " " " " Transmission Interruption Percentage	Ex. #	CC-2-95	II	11	11	11	Targeted levels of performance and risk
Ex. # CC-2-97 " " " " " Transmission Interruption Percentage Ex. # CC-2-98 " " " " " 10-year history of T-SAIDI and T-SAIFI Values Ex. # CC-2-99 " " " " " Asset Health Indices (AHIs) Ex. # CC-2-100 " " " " Capital Investment Ex. # CC-2-102 " " " " Capital Investment Ex. # CC-2-103 " " " " Maturity Barriers Ex. # CC-2-104 " " " " Cultural and Structural changes Ex. # CC-2-105 " " " " Asset Populations Ex. # CC-2-106 " " " " Assets Ex. # CC-2-107 " " " " Assets Ex. # CC-2-108 " " " " End of Life / Failed Asset Evaluation Ex. # CC-2-109 " " " " Mandatory Compliance Investments Ex. # CC-2-111 " " " Mandatory Compliance Investments	Ex. #	CC-2-96	"	11	11	п	'
Ex. # CC-2-99 " " " " Transmission and Generation Capacity Ex. # CC-2-100 " " " " Asset Health Indices (AHIs) Ex. # CC-2-101 " " " Capital Investment Ex. # CC-2-102 " " " " Maturity Barriers Ex. # CC-2-103 " " " " Cultural and Structural changes Ex. # CC-2-105 " " " " Asset Populations Ex. # CC-2-106 " " " " Work Orders Ex. # CC-2-107 " " " Sests Ex. # CC-2-108 " " " End of Life / Failed Asset Evaluation Ex. # CC-2-109 " " " System Efficient Investments Ex. # CC-2-111 " " Mandatory Compliance Investments	Ex. #	CC-2-97	"	"	11	11	
Ex. # CC-2-100 " " " " Asset Health Indices (AHIs) Ex. # CC-2-101 " " " Economic Life Ex. # CC-2-102 " " " Capital Investment Ex. # CC-2-103 " " " Maturity Barriers Ex. # CC-2-104 " " " " Cultural and Structural changes Ex. # CC-2-105 " " " Work Orders Ex. # CC-2-106 " " " Work Orders Ex. # CC-2-107 " " " Generation Investments Ex. # CC-2-108 " " " End of Life / Failed Asset Evaluation Ex. # CC-2-110 " " System Efficient Investments Ex. # CC-2-111 " " Mandatory Compliance Investments	Ex. #	CC-2-98	"	11	11	11	10-year history of T-SAIDI and T-SAIFI Values
Ex. # CC-2-100	Ex. #	CC-2-99	"	11	11	11	Transmission and Generation Capacity
Ex. # CC-2-102 " " " " Capital Investment Ex. # CC-2-103 " " " " Maturity Barriers Ex. # CC-2-104 " " " Cultural and Structural changes Ex. # CC-2-105 " " " Work Orders Ex. # CC-2-106 " " " Work Orders Ex. # CC-2-107 " " " Assets Ex. # CC-2-108 " " " Generation Investments Ex. # CC-2-109 " " " System Efficient Investments Ex. # CC-2-110 " " " Mandatory Compliance Investments	Ex. #	CC-2-100	"	II	11	11	Asset Health Indices (AHIs)
Ex. # CC-2-103 " " " " Maturity Barriers Ex. # CC-2-104 " " " " Cultural and Structural changes Ex. # CC-2-105 " " " Work Orders Ex. # CC-2-106 " " " Work Orders Ex. # CC-2-107 " " " Generation Investments Ex. # CC-2-109 " " " End of Life / Failed Asset Evaluation Ex. # CC-2-110 " " System Efficient Investments Ex. # CC-2-111 " " Mandatory Compliance Investments	Ex. #	CC-2-101	"	11	11	11	Economic Life
Ex. # CC-2-104 " " " " Cultural and Structural changes Ex. # CC-2-105 " " " Work Orders Ex. # CC-2-106 " " " Work Orders Ex. # CC-2-107 " " " Assets Ex. # CC-2-108 " " " Generation Investments Ex. # CC-2-109 " " " End of Life / Failed Asset Evaluation Ex. # CC-2-110 " " " Mandatory Compliance Investments	Ex. #	CC-2-102	"	11	11	11	Capital Investment
Ex. # CC-2-104	Ex. #	CC-2-103	"	11	11	11	Maturity Barriers
Ex. # CC-2-106 " " " " Work Orders Ex. # CC-2-107 " " " Generation Investments Ex. # CC-2-109 " " " End of Life / Failed Asset Evaluation Ex. # CC-2-110 " " System Efficient Investments Ex. # CC-2-111 " " Mandatory Compliance Investments	Ex. #	CC-2-104	"	11	11	11	Cultural and Structural changes
Ex. # CC-2-107 " " " " Generation Investments Ex. # CC-2-108 " " " " End of Life / Failed Asset Evaluation Ex. # CC-2-109 " " " System Efficient Investments Ex. # CC-2-110 " " " Mandatory Compliance Investments	Ex. #	CC-2-105	"	11	11	11	Asset Populations
Ex. # CC-2-107	Ex. #	CC-2-106	"	11	11	11	Work Orders
Ex. # CC-2-109 " " " End of Life / Failed Asset Evaluation Ex. # CC-2-110 " " " System Efficient Investments Ex. # CC-2-111 " " Mandatory Compliance Investments	Ex. #	CC-2-107	"	11	11	п	Assets
Ex. # CC-2-109 System Efficient Investments Ex. # CC-2-111 " " Mandatory Compliance Investments	Ex. #	CC-2-108	"	"	11	II	Generation Investments
Ex. # CC-2-110 System Efficient investments Ex. # CC-2-111 " " Mandatory Compliance Investments	Ex. #	CC-2-109	"	11	11	11	End of Life / Failed Asset Evaluation
liviandatory compliance investments	Ex. #	CC-2-110	"	11	11	II	System Efficient Investments
Ex. # CC-2-112 " " " Sustainment: Decommissioning	Ex. #	CC-2-111	"	11	11	11	Mandatory Compliance Investments
	Ex. #	CC-2-112	"	"	11	II	Sustainment: Decommissioning

Ex. #	CC-2-113	11	II	П	п	System Capacity Surplus - Keeyask Project
Ex. #	CC-2-114	11	"	п	п	MMTP construction
Ex. #	CC-2-115	11	II	11	11	Pointe du Bois
Ex. #	CC-2-116	11	II	11	11	Portage Area Capacity Enhancement
Ex. #	CC-2-117	11	11	11	П	Severe Outages
Ex. #	CC-2-118	II	11	11	11	Long Spruce Generating Station Unit Overhauls
Ex. #	CC-2-119	11	11	11	П	Kettle Generating Station Unit Overhauls
Ex. #	CC-2-120	11	11	11	П	Advance Metering Infrastructure
Ex. #	CC-2-121	II	11	11	11	MH Distribution
Ex. #	CC-2-122	11	II	11	П	Capital Expenditure Plan Table
Ex. #	CC-2-123	11	II	11	П	Grand Rapids Generating Status Upgrades
Ex. #	CC-2-124	11	II	11	П	MH System Performance - Best in North America
Ex. #	CC-2-125	II	11	11	11	Capital Spending
Ex. #	CC-2-126	11	II	11	П	Customer Values
Ex. #	CC-2-127	II	11	11	11	2022 Reputation Study
Ex. #	CC-2-128	11	11	11	11	Reduced Reliability
Ex. #	CC-2-129	11	II	11	П	Target Reliability
Ex. #	CC-2-130	II	11	11	11	Proposed Rate increases by class
Ex. #	CC-2-131	II	11	11	11	PCOSS24
Ex. #	CC-2-132	II	11	11	11	functionalization
Ex. #	CC-2-133	II	11	11	11	O&A Expenses
Ex. #	CC-2-134	11	11	11	П	Keeyask - PCOSS
Ex. #	CC-2-135	11	II	11	П	Bipole III - PCOSS
Ex. #	CC-2-136	II	11	11	II	Great Northern Transmission Line - PCOSS

Ex. #	CC-2-137	11	11	11	11	PCOSS24 - sensitivity analysis
						·
Ex. #	CC-2-138	"	"	"	II	Finance Expenses - Water Rental Fee and Provincial Guarantee Fee
Ex. #	CC-2-139	11	11	II	П	LED Roadway Lighting
Ex. #	CC-2-140	11	11	II	п	Proof of Revenue
Ex. #	CC-2-141	11	11	II	11	Agility - Energy Landscape
Ex. #	CC-2-142	11	11	II	п	Flexibility
Ex. #	CC-2-143	11	11	II	п	Zone of Reasonableness
Ex. #	CC-2-144	11	11	II	п	key considerations
Ex. #	CC-2-145	"	11	11	П	Marginal Costs Causation
Ex. #	CC-2-146	"	11	"	п	declining block rate structure
Ex. #	CC-2-147	11	"	II	11	Demand Rate
Ex. #	CC-2-148	11	11	II	11	Rate design changes
Ex. #	CC-2-149	11	11	II	11	Engagement with Customers
Ex. #	CC-2-150	11	11	II	11	Price Signals
Ex. #	CC-2-151	11	11	II	11	Integrated Cost Allocation Methodology (ICAM)
Ex. #	CC-2-152	"	II	"	П	Functionalized Rate Base and Revenue Requirements / Transmission Revenue and Losses
Ex. #	CC-2-153	11	"	II	П	Non-tariff able transmission
Ex. #	CC-2-154	"	11	11	п	Net Export Revenue
Ex. #	CC-2-155	11	11	II	11	Export Revenue - PCOSS24
Ex. #	CC-2-156	11	11	II	11	RCC Impacts of Methodology Changes
Ex. #	CC-2-157	"	11	II	п	Changes in load by class
Ex. #	CC-2-158	"	II	11	п	System performance
Ex. #	CC-2-159	"	II	11	п	Generation, Transmission and Distribution
Ex. #	CC-2-160	"	II	"	П	Capital projects/expenditures

Ex. #	CC-2-161	п п п	Capital Expenditure Plan - Generation, Transmission and Distribution portfolio							
Ex. #	CC-3	CC letter to MH re: Round I Information Requests - January 13, 2023								
Ex. #	CC-4	CC letter re: Motion - Round I Info	CC letter re: Motion - Round I Information Requests - February 8, 2023							
Ex. #	CC-5	CC letter re: Response to Round I	IR Motion - February 14, 2023							
Ex. #	CC-6	CC-MH Round II Information Req	uests (1-138) - February 15, 2023							
Ex. #	CC-6-1	CC-MH I-1a-c	SWOT analysis - risks							
Ex. #	CC-6-2	CC-MH I-2c / 8a	Manitoba Government Energy Policy							
Ex. #	CC-6-3	CC-MH I-3a-d	Mission Statement							
Ex. #	CC-6-4	CC-MH I-4d,h	Enterprise Wife Initiatives							
Ex. #	CC-6-5	СС-МН I-5	EPMO Costs							
Ex. #	CC-6-6	CC-MH I-6c,h,l,j	O&A							
Ex. #	CC-6-7	CC-MH I-7b,f, PUB-MH I-8f, 21a	Enterprise Risk Management (ERM) framework							
Ex. #	CC-6-8	CC-MH I-9b, PUB-MH I-17a	NPV calculation							
Ex. #	CC-6-9	CC-MH I-10	payments to government							
Ex. #	CC-6-10	CC-MH I-11b, MIPUG-MH I-22c	Government Debt Ratio Target							
Ex. #	CC-6-11	CC-MH I-13, AMC-MH I-37	cumulative residential differentiated rate increases for the last 10 years							
Ex. #	CC-6-12	CC-MH I-18a,c	Regulatory Cost forecast							
Ex. #	CC-6-13	CC-MH I-19c,d	2021/22 Interim Rate Proceedings							
Ex. #	CC-6-14	CC-MH I-27b	EBITDA Interest Coverage Ratio							
Ex. #	CC-6-15	CC-MH I-29, PUB-MH I-25a	Updated chart with winter 2022 interest rates							
Ex. #	CC-6-16	CC-MH I-30b	Export Volumes / Revenues							
Ex. #	CC-6-17	CC-MH I-34	Underlying debt rates and projected refinancing rates							
Ex. #	CC-6-18	CC-MH I-35a,c,e	Net income/assets							
Ex. #	CC-6-19	CC-MH I-36a	Drought sensitivity							

Ex. #	CC-6-20	CC-MH I-37b,c, PUB-MH I-132	Regulatory framework contained in Bill 36
Ex. #	CC-6-21	CC-MH I-39b, PUB-MH I-112	Depreciation and finance expense
Ex. #	CC-6-22	CC-MH I-41c-f	Depreciation deferral accounts
Ex. #	CC-6-23	CC-MH I-42f,g	Major capital projects deferral account
Ex. #	CC-6-24	CC-MH I-43a-h	Alternate CC Rate Scenario
Ex. #	CC-6-25	CC-MH I-44	Historical Floating Rate Debt
Ex. #	CC-6-26	CC-MH I-46	Debt Management Strategy
Ex. #	CC-6-27	CC-MH I-48	Interest Rates
Ex. #	CC-6-28	CC-MH I-67, 77	O&A Expenses - Major Capital Projects
Ex. #	CC-6-29	CC-MH I-68, GSS-GSM-MH I-5, MIPUG-MH I-45	Gross FTEs
Ex. #	CC-6-30	CC-MH I-70	O&A - Trainee programs
Ex. #	CC-6-31	CC-MH I-76b	O&A cloud computing
Ex. #	CC-6-32	CC-MH I-78a	GREP project
Ex. #	CC-6-33	CC-MH I-80, PUB-MH I-78	Updated chart with 2019/20 base year
Ex. #	CC-6-34	CC-MH I-81c-d	Employee benefit costs
Ex. #	CC-6-35	CC-MH I-83a, PUB-MH I-71a-c	Year to year variances in FTE's
Ex. #	CC-6-36	CC-MH I-83c	Analysis of O&A changes
Ex. #	CC-6-37	CC-MH I-89b, PUB-MH I-93	AMI Assessment
Ex. #	CC-6-38	CC-MH I-131, 133	PCOSS
Ex. #	CC-6-39	CC-MH I-131e	Actual Cost of Service Study (ACOSS)
Ex. #	CC-6-40	CC-MH I-133a	Vegetation management costs
Ex. #	CC-6-41	CC-MH I-133a	PCOSS
Ex. #	CC-6-42	CC-MH I-134b	Consulting & Professional Fees
Ex. #	CC-6-43	CC-MH I-62c	Keeyask investment

Ex. #	CC-6-44	CC-MH I-134c,d	Keeyask revenue
Ex. #	CC-6-45	CC-MH I-135a,b	Bipole III
Ex. #	CC-6-46	CC-MH I-136c-e	GNTL, MMTP - PCOSS24
Ex. #	CC-6-47	CC-MH I-136f	OATT
Ex. #	CC-6-48	CC-MH I-137a	Reconciliation of Revenue Requirement between PCOSS18, PCOSS21, and PCOSS24
Ex. #	CC-6-49	CC-MH I-138b	Water rental costs
Ex. #	CC-6-50	CC-MH I-138b,g	Water rentals
Ex. #	CC-6-51	CC-MH I-138f-g	Refiled responses
Ex. #	CC-6-52	CC-MH I-139	Full justification associated with the LED conversion program
Ex. #	CC-6-53	CC-MH I-140	RCC Impacts by Class
Ex. #	CC-6-54	CC-MH I-142, 143	Zone of Reasonableness
Ex. #	CC-6-55	CC-MH I-142	below ZOR
Ex. #	CC-6-56	CC-MH I-143b	Moving rates to unity
Ex. #	CC-6-57	CC-MH I-145	Marginal cost
Ex. #	CC-6-58	CC-MH I-149a	Rate Objectives
Ex. #	CC-6-59	CC-MH I-152a,b	Revenue
Ex. #	CC-6-60	CC-MH I-154	G&T costs / NER
Ex. #	CC-6-61	CC-MH I-154	high-level assessment
Ex. #	CC-6-62	CC-MH I-156	RCC
Ex. #	CC-6-63	CC-MH I-126b	Customer views
Ex. #	CC-6-64	CC-MH I-126e-f	Research
Ex. #	CC-6-65	CC-MH I-126w	Survey questions
Ex. #	CC-6-66	CC-MH I-127b	MaxDiff trade-off analysis
Ex. #	CC-6-67	CC-MH I-51a, 64a	Load Growth

Ex. #	CC-6-68	CC-MH I-53a-b	Gross Firm Energy
Ex. #	CC-6-69	CC-MH I-56a	Updated table
Ex. #	CC-6-70	CC-MH I-63e	DSM
Ex. #	CC-6-71	CC-MH I-63e	Codes and Standards
Ex. #	CC-6-72	CC-MH I-64	Refiled table
Ex. #	CC-6-73	CC-MH I-25a-d	Debt reduction
Ex. #	CC-6-74	CC-MH I-20a	Deferral of Capital Expenditures
Ex. #	CC-6-75	CC-MH I-21a	Bi lateral firming contracts
Ex. #	CC-6-76	CC-MH I-91a-e	Other category
Ex. #	CC-6-77	CC-MH I-92a-d	Major event days
Ex. #	CC-6-78	CC-MH I-92a-d	Equipment failures
Ex. #	CC-6-79	CC-MH I-93a-b	Equipment
Ex. #	CC-6-80	CC-MH I-93a-b	26 value measures, and 26 quantified risk values
Ex. #	CC-6-81	CC-MH I-94a	Desired levels of performance and risk
Ex. #	CC-6-82	CC-MH I-95a	SAIDI and SAIFI
Ex. #	CC-6-83	CC-MH I-97a-c	Equipment and asset classes
Ex. #	CC-6-84	CC-MH I-99a-h	Temperatures
Ex. #	CC-6-85	CC-MH I-99a-h	Load duration curve
Ex. #	CC-6-86	CC-MH I-99a-h	Outages
Ex. #	CC-6-87	CC-MH I-100a	AHI methodologies
Ex. #	CC-6-88	CC-MH I-101a	Depreciation and Economic Life
Ex. #	CC-6-89	CC-MH I-102a-c	Capital Investment Cost per Year
Ex. #	CC-6-90	CC-MH I-105a	Generator Rotors, Generator Stators
Ex. #	CC-6-91	CC-MH I-105a	HVDC Converters - Valve Groups
		I	

Fv #	CC-6-92	CC-MH I-105a	HVDC Converters - Control and Protection
Δ. π	CC-0-32	CC-WITT I-103a	Trybe converters - control and riotection
Ex. #	CC-6-93	CC-MH I-105a	HVDC Converters - DC Wall Bushings
Ex. #	CC-6-94	CC-MH I-105a	HVDC Converters - Voltage Divider
Ex. #	CC-6-95	CC-MH I-105a	HVDC Converters - DC Current Tranducer
Ex. #	CC-6-96	CC-MH I-105a	High Speed Switches
Ex. #	CC-6-97	CC-MH I-105a	Cabling associated with DC yard equipment
Ex. #	CC-6-98	CC-MH I-106a-d	Run to failure assets
Ex. #	CC-6-99	CC-MH I-108a-e	Investment risk
Ex. #	CC-6-100	CC-MH I-108a-e	Domestic Peak and Load
Ex. #	CC-6-101	CC-MH I-108a-e	Excess Capacity payments
Ex. #	CC-6-102	CC-MH I-108a-e	Domestic load
Ex. #	CC-6-103	CC-MH I-109a	Pointe du Bois refurbishment
Ex. #	CC-6-104	CC-MH I-109a Attachment 1	Export Sales
Ex. #	CC-6-105	CC-MH I-110a-b	Efficiency investment
Ex. #	CC-6-106	CC-MH I-113a	Peak capacity
Ex. #	CC-6-107	CC-MH I-114b-c	firm obligations
Ex. #	CC-6-108	CC-MH I-114b-c	Full technical capability
Ex. #	CC-6-109	CC-MH I-115a-c	Pointe du Bois Unit Replacement Project
Ex. #	CC-6-110	CC-MH I-116a-c	SW Load Duration Curve
Ex. #	CC-6-111	CC-MH I-117a-c	Dorsey
Ex. #	CC-6-112	CC-MH I-117a-c	Consequences
Ex. #	CC-6-113	CC-MH I-117a-c	Remedial Action Scheme
Ex. #	CC-6-114	CC-MH I-118a-c	Upgrade costs
Ex. #	CC-6-115	CC-MH I-119a-c	Long Spruce and Kettle

Ex. #	CC-6-116	CC-MH I-120a-d	AMI Business Case
Ex. #	CC-6-117	CC-MH I-122a-m	Pointe du Bois, Wuskwatim
Ex. #	CC-6-118	CC-MH I-122a-m	Business Cases
Ex. #	CC-6-119	CC-MH I-122a-m	CVF Model
Ex. #	CC-6-120	CC-MH I-122a-m	Consistent basis for comparison
Ex. #	CC-6-121	CC-MH I-122a-m	Asset management and risk management processes
Ex. #	CC-6-122	CC-MH I-122a-m	Resource Plan and Program spending
Ex. #	CC-6-123	CC-MH I-122a-m	Storage
Ex. #	CC-6-124	CC-MH I-122a-m, Attachment 1	Value Points were calculated for Lost Generation Risk and Financial Risk
Ex. #	CC-6-125	CC-MH I-122a-m, Attachment 1	Lost Generation Risk, Financial Risk and Generation Revenue Benefit
Ex. #	CC-6-126	CC-MH I-122a-m, Attachment 1	Value points attributed to Generation Revenue Benefit
Ex. #	CC-6-127	CC-MH I-122a-m, Attachment 1	Security, Compliance and Lost Generation Risk
Ex. #	CC-6-128	CC-MH I-122a-m, Attachment 1	Corporate Value Framework
Ex. #	CC-6-129	CC-MH I-122b-m Attachment 2	Dorsey Synchronous Condenser
Ex. #	CC-6-130	CC-MH I-122b-m Attachment 2	HVDC Wall Bushing investments
Ex. #	CC-6-131	CC-MH I-123a-d	Grand Rapids -Kaplan
Ex. #	CC-6-132	CC-MH I-123a-d	Draft tube
Ex. #	CC-6-133	CC-MH I-124a-c	T-SAIDI and T-SAIFI
Ex. #	CC-6-134	CC-MH I-129a	Manitoba Priorities
Ex. #	CC-6-135	CC-MH I-158a-c	Optimized system performance
Ex. #	CC-6-136	CC-MH I-160a-e	Copperleaf asset investment planning tool (the Corporate Value Framework ("CVF")
Ex. #	CC-6-137	CC-MH I-160a-e	Incremental risks due to deferrals
Ex. #	CC-6-138	CC-MH I-160a-e	Capital investment justification
Ex. #	CC-6-139	CC-MH I-91e Updated	Advanced Metering Infrastructure and Grid Modernization

Ex. #	CC-7	Intervener Evidence - Revenue Requirement Evidence - Mr. Darren Rainkie - April 3, 2023
Ex. #	CC-8	Intervener Evidence - Midgard Consulting Incorporated - April 3, 2023
Ex. #	CC-9	Intervener Evidence - Review of Certain MH Financial Issues - MPA Morrison Park Advisors Inc April 3, 2023
Ex. #	CC-9-1	Errata MPA Report - April 28, 2023
Ex. #	CC-10	Intervener Evidence - Kelly Derksen - April 3, 2023
Ex. #	CC-11	Consumers Coalition Comments - Offsetting 2022/23 Net Income Against RDA Balances - P. Bowman's Recommendation 4 - April 21, 2023
Ex. #	CC-12	CC Opening Submissions - A Monopoly at the Crossroads and Captive Consumers - May 15, 2023
Ex. #	CC-13	Aids for Cross Examination - Asset Management - Board Orders - May 19, 2023
Ex. #	CC-14	Excerpts from MH-36 2014-15 and 2015-16 GRA
Ex. #	CC-15	Midgard Consulting Inc. Presentation - May 24, 2023 - Amended May 31 and June 21, 2023
Ex. #	CC-16	RCIA Willingness to Pay Survey - May 25, 2023
Ex. #	CC-17	Photo of hydro poll - May 25, 2023
Ex. #	CC-18	Aids for Cross Examination - Revenue Requirements Panel - Board Orders - May 30, 2023
Ex. #	CC-19	2014 Auditor General Report from Ontartio Chapter 3 - May 30, 2023
Ex. #	CC-20	Darren Rainkie Direct Evidence Slides - June 1, 2023
Ex. #	CC-21	May 19, 2023 letter - CFIB urges the Manitoba government to cancel plans to hike Manitoba Hydro rates - June 2, 2023
Ex. #	CC-22	CC letter to PUB re: Rebutal Evidence by AMCL dated May 19, 2023 - June 2, 2023
Ex. #	CC-23	Pelino Colaiacovo of Morrison Park Advisors Presentation - June 6, 2023
Ex. #	CC-24	June 18, 2004 Standing Committee Hansard - June 7, 2023
Ex. #	CC-25	2020-21 Neighbors Helping Neighbors Annual Report - June 7, 2023
Ex. #	CC-26	MPA Response to Undertaking 53 - June 7, 2023
Ex. #	CC-27	Kelly Derksen Direct Evidence Presentation - June 8, 2023
Ex. #	CC-28	Aids to Cross Examination P. Bowman - June 8, 2023
Ex. #	CC-29	Response to Undertaking 45 - June 12, 2023
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Ex. #	CC-30	Response to Undertaking 46 - June 12, 2023
Ex. #	CC-31	Response to Undertaking 50 - June 12, 2023
Ex. #	CC-32	Responses to Undertakings 64, 65 and Attachments 1-4, 66-69 - June 14, 2023
Ex. #	CC-33	CC Closing Submission Presentation - June 22, 2023
Ex. #	CC-34	CC written legal argument - June 22, 2023
Ex. #	CC-35	CC written submission on Business Operation Capital - June 22, 2023





EXHIBIT LIST FORMANITOBA HYDRO

June 26, 2023

GENERAL SERVICE SMALL / GENERAL SERVICE MEDIUM (GSS-GSM)

Ex. #	GSS-GSM-1	GSS-GSM Intervener Application - November 24, 2022							
Ex. #	GSS-GSM-2	GSS-GSI	имн R	ound I	Information Requests (1-8) - December 20, 2022				
Ex. #	GSS-GSM-2-1	11 11	11	11	International Financial Reporting Standards (IFRS)				
Ex. #	GSS-GSM-2-2	11 11	11	11	IFRS-compliant ASL method				
Ex. #	GSS-GSM-2-3	11 11	11	II	Short and Long term trends				
Ex. #	GSS-GSM-2-4	11 11	11	II	Budgeting				
Ex. #	GSS-GSM-2-5	11 11	11	II	Vacancy				
Ex. #	GSS-GSM-2-6	" "	"	II.	SAP and IT Costs				
Ex. #	GSS-GSM-2-7	" "	"	II.	Vegetation Management				
Ex. #	GSS-GSM-2-8	" "	"	II.	Forecast				
Ex. #	GSS-GSM-2-9	" "	"	II.	PCOSS24 RCC Results				
Ex. #	GSS-GSM-2-10	" "	"	II.	Zone of Reasonableness				
Ex. #	GSS-GSM-2-11	" "	"	II.	General Service Consumption Profiles				
Ex. #	GSS-GSM-2-12	" "	"	II.	Figure 8.12-8.14 working excel file				
Ex. #	GSS-GSM-2-13	" "	"	ıı	Comparison to other jurisdictions				
Ex. #	GSS-GSM-2-14	" "	"	"	Proposed Rates GSS and GSM				
Ex. #	GSS-GSM-3	GSS-GSM letter to MH re: Round I Information Requests - January 13, 2023							
Ex. #	GSS-GSM-4	GSS-GSI	M-MH F	Round I	II Information Requests (1-7) - February 15, 2023				
Ex. #	GSS-GSM-4-1	GSS-GSM-MH I-1i			Attachment - Updated Table				

Ex. #	GSS-GSM-4-2	GSS-GSM-MH I-2	Manitoba Hydro under ELG and ASL						
Ex. #	GSS-GSM-4-3	GSS-GSM-MH I-3d	Updated Table						
Ex. #	GSS-GSM-4-4	GSS-GSM-MH I-4e	Forecast costs						
Ex. #	GSS-GSM-4-5	GSS-GSM-MH I-5b-c	Vacancies						
Ex. #	GSS-GSM-4-6	GSS-GSM-MH I-6a-k	SAP S/4HANA Cloud						
Ex. #	GSS-GSM-4-7	GSS-GSM-MH I-7a-c	Vegetation Management						
Ex. #	GSS-GSM-5	Written Intervener Evidence - Dustin Madsen - Emrydia Consulting Corporation - April 3, 2023							
Ex. #	GSS-GSM-6	GSS-GSM letter re: P. Bo	GSS-GSM letter re: P. Bowman's Recommendation 4 - April 21, 2023						
Ex. #	GSS-GSM-7	Dustin Madsen - Emrydi 2023	Dustin Madsen - Emrydia Consulting Corporation Direct Evidence Presentation - June 2,						
Ex. #	GSS-GSM-8		Dustin Madsen - Emrydia - Depreciation Evidence Presentation - June 5, 2023						
Ex. #	GSS-GSM-9	Undertaking # 47 Respo	Undertaking # 47 Response - AUC Decision 26509-D01-2022 - June 7, 2023						
Ex. #	GSS-GSM-10	Undertaking # 48 Response - BCUC Order Number G-85-23 - June 7, 2023							
Ex. #	GSS-GSM-11	Undertaking # 49 Response -Revised Table 9 - June 7, 2023							
Ex. #	GSS-GSM-12	GSS-GSM Closing Submissions Presentation - June 22, 2023							
Ex. #	GSS-GSM-13	GSS-GSM Closing Writte	en Argument - June 22, 2023						





EXHIBIT LIST FORMANITOBA HYDRO

June 26, 2023

MANITOBA INDUSTRIAL POWER USERS GROUP (MIPUG)

Ex. #	MIPUG-1	MIPUG Intervener Application - November 24, 2022								
Ex. #	MIPUG-2	MIPU	MIPUG Comments on Pre-Hearing Conference #1 - December 5, 2022							
Ex. #	MIPUG-3	MIPU	JG-MH	Round I	Informa	tion Requests (1-94) - December 20, 2022				
Ex. #	MIPUG-3-1	"	11	11	"	Decentralization				
Ex. #	MIPUG-3-2	"	11	11	11	Prosumers and Cost Recovery				
Ex. #	MIPUG-3-3	"	11	11	11	Digitalization				
Ex. #	MIPUG-3-4	"	11	11	11	Government Funding Opportunities				
Ex. #	MIPUG-3-5	"	"	II	II	Business unit reorganization				
Ex. #	MIPUG-3-6	"	"	II	II	ERM and Corporate Risks				
Ex. #	MIPUG-3-7	"	"	II	II	Potential Future Landscapes				
Ex. #	MIPUG-3-8	"	"	II	II	Key Scenario and Inputs				
Ex. #	MIPUG-3-9	"	"	II	II	Our Promise # 3 - Initiatives - Energy Services Advisors				
Ex. #	MIPUG-3-10	"	"	II	II .	Our Promise # 3 - Initiatives - Electric Vehicles				
Ex. #	MIPUG-3-11	"	"	II	II .	Our Promise # 3 - Initiatives - Customer segments				
Ex. #	MIPUG-3-12	II	11	11	11	Our Promise # 4 - Initiatives - Manitoba Economic Development Office				
Ex. #	MIPUG-3-13	"	"	II	"	Our Promise # 5 - Initiatives - Optimizing Investment				
Ex. #	MIPUG-3-14	"	"	II	11	Implications of the 3Ds on Manitoba Hydro				
Ex. #	MIPUG-3-15	"	"	II	"	Strategic Initiative 5.1 - Capital				

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Ex. #	MIPUG-3-16	"	"	II	"	Financial Plan Key highlights
Ex. #	MIPUG-3-17	II .	11	11	"	Investing in Customer Journeys
Ex. #	MIPUG-3-18	11	"	п	II .	Continuous Improvement Initiatives
Ex. #	MIPUG-3-19	11	II	11	11	Enterprise scorecard - Reliability and Safety
Ex. #	MIPUG-3-20	11	II	11	11	Inflationary Rate Path
Ex. #	MIPUG-3-21	11	II	11	11	Extreme Variability Inherent in MH's Operations
Ex. #	MIPUG-3-22	11	II	11	11	Improvement in Financial Health
Ex. #	MIPUG-3-23	11	11	11	11	Projected Cash Flow Surplus/Deficit
Ex. #	MIPUG-3-24	II .	II	11	11	System Investments Funded using Cash from Operations
Ex. #	MIPUG-3-25	II .	II	п	11	Rate Path and Capital Structure
Ex. #	MIPUG-3-26	11	II	11	11	Net Income Commensurate and Asset Base
Ex. #	MIPUG-3-27	11	II	11	11	ROE and BC Hydro and Hydro Quebec
Ex. #	MIPUG-3-28	11	11	11	11	Forced outrage rates for BP 1 through 3
Ex. #	MIPUG-3-29	11	II	11	11	Continuous Evaluation and Process Improvement
Ex. #	MIPUG-3-30	II .	II	11	11	Redeployment of FTEs
Ex. #	MIPUG-3-31	II .	II	11	11	Tree Site Investigations
Ex. #	MIPUG-3-32	"	II	п	11	Trades Trainee Program impact on Customer in-service dates
Ex. #	MIPUG-3-33	11	11	11	п	Customer Engagement Center FTEs
Ex. #	MIPUG-3-34	11	11	"	11	O&A Expense by Cost Category
Ex. #	MIPUG-3-35	II .	11	11	11	Motor vehicle Expenses
Ex. #	MIPUG-3-36	"	11	II .	11	Cloud Computing Services
Ex. #	MIPUG-3-37	11	11	п	11	O&A Costs for New Assets associated with the Major Projects
Ex. #	MIPUG-3-38	"	11	11	11	Vegetation management
	MIPUG-3-39	11	11	11	11	Capitalization Rate
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Ex. #	MIPUG-3-40	11	11	П	11	Maintenance Work
Ex. #	MIPUG-3-41	11	II	11	11	Capitalization Rate
Ex. #	MIPUG-3-42	11	II	11	ш	Incremental Direct COVID-19 costs
Ex. #	MIPUG-3-43	11	11	II	11	Supply Chain costs
Ex. #	MIPUG-3-44	11	II	II	II	Manitoba CPI
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Ex. #	MIPUG-3-46	11	II	II	11	Overtime forecast
Ex. #	MIPUG-3-47	11	11	п	ш	FTE per unity of Generation
Ex. #	MIPUG-3-48	11	11	11	11	System cost profile: Supply Side Enhancements, DSM
EX. #	MIPUG-3-48					investment and Rate Design
Ex. #	MIPUG-3-49	11	11	II	П	Classification of cash flow as operating versus investing activities
Ex. #	MIPUG-3-50	II	11	11	11	Changes to generation, export volumes and load forecast assumptions
Ex. #	MIPUG-3-51	11	11	II	11	Absolute reductions in net debt
Ex. #	MIPUG-3-52	11	II	II	ш	Risk and Uncertainty
Ex. #	MIPUG-3-53	11	II	11	Ш	System cost profile: Supply Side Enhancements, DSM investment and Rate Design
Ex. #	MIPUG-3-54	11	11	II	11	Functionalization
Ex. #	MIPUG-3-55	11	11	II .	11	Asset life parameters including Turbines and Generators and Governors
Ex. #	MIPUG-3-56	11	II	11	11	Depreciation study
Ex. #	MIPUG-3-57	11	II	II	11	2021 Electric Load Scenario
Ex. #	MIPUG-3-58	11	11	11	11	Updates to 2021 Electric Load Scenario Model
Ex. #	MIPUG-3-59	11	11	11	11	Impact of Assumed Rate Trajectory
Ex. #	MIPUG-3-60	11	11	II	II	Disposable Income and Real GDP Assumptions
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Ex. #	MIPUG-3-65	11	11	11	П	GS Top Consumers -PLIL
Ex. #	MIPUG-3-66	II .	11	II	II	Plug-In Electric Vehicle Forecast
Ex. #	MIPUG-3-67	II .	II .	II	II	Solar Behind-the-Meter Generation
Ex. #	MIPUG-3-68	II	11	II	11	COVID Impacts
Ex. #	MIPUG-3-69	11	11	11	II	Electrification and Space and Water Heating
Ex. #	MIPUG-3-70	11	11	11	II	Surplus Energy Program
Ex. #	MIPUG-3-71	11	11	11	II	Generation system performance
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Ex. #	MIPUG-3-74	"	"	II .	11	Bipole Forced outages
Ex. #	MIPUG-3-75	"	"	II .	11	Distribution SAIDI and SAIFI metrics
Ex. #	MIPUG-3-76	"	"	II .	11	Document Asset Class Strategies
Ex. #	MIPUG-3-77	"	"	"	11	WLC model and Economic Life
Ex. #	MIPUG-3-78	11	11	11	II	2032 incremental sustainment capital
Ex. #	MIPUG-3-79	"	"	"	11	Investment decision making
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Ex. #	MIPUG-3-84	11	11	11	II	Capital Expenditures - Programs
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Ex. #	MIPUG-3-87	11	11	11	11	Capital Coverage Ratio

Ex. #	MIPUG-3-88	II	11	II	II	Turbine Replacement
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Ex. #	MIPUG-3-90	11	11	11	11	Supply Side enhancements
Ex. #	MIPUG-3-91	11	11	11	11	IFRS Compliant Depreciation
Ex. #	MIPUG-3-92	11	11	11	Ш	IFRS Compliant Depreciation Study
Ex. #	MIPUG-3-93	11	II .	11	11	Concentric Depreciation Study Data
Ex. #	MIPUG-3-94	11	"	11	11	Gains and Losses
Ex. #	MIPUG-3-95	11	II.	11	11	Curtailable Rate Program
Ex. #	MIPUG-3-96	11	II.	11	11	Curtailable Rate Annual Reports
Ex. #	MIPUG-3-97	11	II.	11	11	CRP Curtailment History
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Ex. #	MIPUG-3-107	11	11	11	11	Capital Expenditure deferral
Ex. #	MIPUG-3-108	11	11	11	11	General Service Large RCCs
Ex. #	MIPUG-3-109	11	II	11	11	Demand and Energy Rate Rebalancing
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Ex. #	MIPUG-3-120	11 11	п	II .	Bill Impacts - Proposed Changes to Definition of Demand
Ex. #	MIPUG-4	MIPUG lette	r to MH	re: Round	d I Information Requests Objections - January 13, 2023
Ex. #	MIPUG-5	MIPUG-MH	Round I	I Informat	tion Requests (1-33) - February 15, 2023
Ex. #	MIPUG-5-1	MIPUG-MH	l-119b		Capacity and Energy Re-Balancing
Ex. #	MIPUG-5-2	MIPUG-MH	I-62a-c		Mass Market Segment Breakdown
Ex. #	MIPUG-5-3	MIPUG-MH	I-66d		Plug-In Electric Vehicle Charging
Ex. #	MIPUG-5-4	MIPUG-MH	I-70a-c		SEP Participation
Ex. #	MIPUG-5-5	MIPUG-MH	I-99a-d		Review of SEP Program
Ex. #	MIPUG-5-6	MIPUG-MH	I-100i		SEP Revenue Neutrality
Ex. #	MIPUG-5-7	MIPUG-MH	l-101e		Treatment of SEP Customers
Ex. #	MIPUG-5-8	MIPUG-MH	l-105a		SEP Peak Demands
Ex. #	MIPUG-5-9	PUB-MH I-39	Эа		Forecast Load Growth - Changes in Future Rate Projections
Ex. #	MIPUG-5-10	MIPUG-MH	I-60a		Forecast Load Growth - Growth in Disposable Income and GDP
Ex. #	MIPUG-5-11	MIPUG-MH	l-61d		DSM Savings - Load Displacement Savings
Ex. #	MIPUG-5-12	MIPUG-MH	l-112d		Load Duration Curves
Ex. #	MIPUG-5-13	MIPUG-MH	l-112a-b	, 54a-d	Substation Cost Allocations

Ex. #	MIPUG-5-14	MIPUG-MH I-109	Energy, Demand and Supply Assumptions
Ex. #	MIPUG-5-15	MIPUG-MH I-16	Hedging Strategies
Ex. #	MIPUG-5-16	MIPUG-MH I-18	Improvement initiatives
Ex. #	MIPUG-5-17	MIPUG-MH I-19	SAIFI
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Ex. #	MIPUG-5-19	MIPUG-MH I-21	Extreme Variability Inherent in MH's Operations
Ex. #	MIPUG-5-20	MIPUG-MH I-29	Improvement Initiatives
Ex. #	MIPUG-5-21	MIPUG-MH I-31a-b	Costs for implementation
Ex. #	MIPUG-5-22	MIPUG-MH I-34a-b	Cost forecasts
Ex. #	MIPUG-5-23	MIPUG-MH I-84a-b	Rolling average forecast method
Ex. #	MIPUG-5-24	MIPUG-MH I-1b, 13	Rate Design and Price Signals - Demand Charges
Ex. #	MIPUG-5-25	MIPUG-MH I-90, 55	AMI Capital Investment and Rate Design
Ex. #	MIPUG-5-26	MIPUG-MH I-48	Marginal Values
Ex. #	MIPUG-5-27	MIPUG-MH I-94a-d, PUB-MH I- 130 Attachment	Gains and Losses
Ex. #	MIPUG-5-28	MIPUG-MH I-91r	Depreciation - Whole Life v. Remaining Life Comparisons
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Ex. #	MIPUG-5-32	MIPUG-MH I-50a, 115d	PCOSS methods, Transmission Losses
Ex. #	MIPUG-5-33	MIPUG-MH I-52a-d	Risk Scenarios
Ex. #	MIPUG-6	InterGroup Intervener Evidence	- April 3, 2023
Ex. #	MIPUG-6-1	Errata	MIPUG Evidence - May 12, 2023
Ex. #	MIPUG-7	MIPUG letter to PUB re: Pre Hea	aring Conference #2 - April 5, 2023
Ex. #	MIPUG-8	MIPUG-CC Intervener Evidence	Information Requests (1-7) - April 14, 2023

Ex. #	MIPUG-8-1	11 11	II	11	Cost of Service
Ex. #	MIPUG-8-2	11 11	II	11	Midgard - Customer Opinions
Ex. #	MIPUG-8-3	11 11	II	11	Midgard - Operations and Maintenance Spending
Ex. #	MIPUG-8-4	11 11	11	П	Midgard - Reliability - Impacts from Events outside of MH control
Ex. #	MIPUG-8-5	" "	11	11	Midgard - Reliability - Transmission and sub-transmission served customers
Ex. #	MIPUG-8-6	11 11	II	п	Midgard - Reliability - Vegetation Management
Ex. #	MIPUG-8-7	11 11	II	п	Midgard - Reliability performance of generation
Ex. #	MIPUG-9	MIPUG Sub	mission	in respect	of P. Bowman Recommendation # 4 - April 21, 2023
Ex. #	MIPUG-10	MIPUG Rep	ly in res	pect of P.	Bowman Recommendation #4 - April 26, 2023
Ex. #	MIPUG-11	MIPUG Ope	ning Sta	tement - I	May 15, 2023
Ex. #	MIPUG-12	PUB/MH-II-	57 (Revi	sed) from	the 2017/18 and 2018/19 GRA - May 17, 2023
Ex. #	MIPUG-13	Book of Do	cuments	- May 24,	2023
Ex. #	MIPUG-14	MNP Nover	mber 9, 2	2018 - Auc	lit of Management Staff Reduction - May 31, 2023
Ex. #	MIPUG-15	Patrick Bow	man De	preciation	Presentation - June 5, 2023
Ex. #	MIPUG-16	SCP Certific	ation ma	ain page -	June 5, 2023
Ex. #	MIPUG-17	Aid to Cross	s - BC Hy	dro May 2	.9, 2023 letter - June 6, 2023
Ex. #	MIPUG-18	Board Orde	r 51/96	- June 6, 2	023
Ex. #	MIPUG-19	Chemtrade	Underta	ıking Resp	onses - June 6, 2023
Ex. #	MIPUG-20	MIPUG Aids	to Cros	s Examina	tion of Rates and Cost of Service Panel - June 7, 2023
Ex. #	MIPUG-21	Patrick Bow	man Dir	ect Evider	nce Presentation - June 8, 2023
Ex. #	MIPUG-22	Gerdau Und	dertaking	g Respons	e - June 12, 2023
Ex. #	MIPUG-23	MIPUG Fina	l Writte	n Submiss	ion - June 22, 2023





EXHIBIT LIST FOR MANITOBA HYDRO

June 26, 2023

MANITOBA KEEWATINOWI OKIMAKANAK (MKO)

Ex. #	MKO-1	MK) Inter	vener Ap	plication	- November 24, 2022
Ex. #	MKO-2	МК	О-МН Б	Round I I	nformati	on Requests (1-12) - December 20, 2022
Ex. #	MKO-2-1	"	"	11	II	Number of customers per group
Ex. #	MKO-2-2	"	11	11	II	Aggregated amount billed by group
Ex. #	MKO-2-3	"	11	11	11	Aggregated amount billed by group / total number of customers
Ex. #	MKO-2-4	"	11	11	II	Aggregated amount of unpaid arrears by group
Ex. #	MKO-2-5	"	11	II	11	Aggregated amount of unpaid arrears by group / total number of customers
Ex. #	MKO-2-6	"	II	11	11	Accumulated aggregate amount of unpaid arrears by group
Ex. #	MKO-2-7	"	11	II	11	Accumulated aggregate amount of unpaid arrears by group / total number of customers
Ex. #	MKO-2-8	"	II.	11	II	Unpaid Arrears
Ex. #	MKO-2-9	"	11	11	11	meaningful solutions
Ex. #	MKO-2-10	"	11	11	11	Settlement Agreement - Diesel Zone
Ex. #	MKO-2-11	"	II	п	11	Rate Increase for Residential Customers 2023/24
Ex. #	MKO-2-12	"	II	II	11	Rate Increase for Residential Customers 2024/25
Ex. #	MKO-2-13	"	ıı	ıı	11	Diesel Zone forecast 2023/2024
Ex. #	MKO-2-14	"	II .	II .	11	Diesel Zone forecast 2024/2025
Ex. #	MKO-3	МК	О-МН Г	Round II	Informat	ion Requests (1-2) - February 15, 2023
Ex. #	MKO-3-1	МК	D-MH I	-10a-b		Settlement Agreement - Diesel Zone
Ex. #	MKO-3-2	AM	C-MH I-	-30а-е		Disconnected Accounts - Electricity cost effects on First Nation Northern residential customers

Ex. #	MKO-4	MKO Opening Comments - May 15, 2023
Ex. #	MKO-5	MKO Final Argument - June 22, 2023