



Q4 and Year End 2020 Financial Results Supplementary Presentation

March 5, 2021



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Disclaimer - Non-GAAP Measures

Project Adjusted EBITDA is not a measure recognized under GAAP and does not have a standardized meaning prescribed by GAAP, and is therefore unlikely to be comparable to similar measures presented by other companies. Investors are cautioned that the Company may calculate this non-GAAP measure in a manner that is different from other companies. The most directly comparable GAAP measure is project income (loss). Project Adjusted EBITDA is defined as project income (loss) plus interest, taxes, depreciation and amortization (including non-cash impairment charges), and changes in the fair value of derivative instruments. Management uses Project Adjusted EBITDA at the project level to provide comparative information about project performance and believes such information is helpful to investors. A reconciliation of Project Adjusted EBITDA to Project income (loss) and to Net income (loss) by segment and on a consolidated basis is provided on pages 33-35.

All amounts in this presentation are in US\$ and approximate unless otherwise stated.



Additional Information About the Arrangement and Where to Find It

This presentation is not intended to and does not constitute an offer to sell or the solicitation of an offer to subscribe for or buy or an invitation to purchase or subscribe for any securities or the solicitation of any vote or approval in any jurisdiction, nor shall there be any sale, issuance or transfer of securities in any jurisdiction in contravention of applicable law. In connection with the transaction with I Squared Capital and its affiliates, Atlantic Power has filed a management information circular and proxy statement relating to a special meeting of its common shareholders with the SEC and Canadian Securities Administrators. Additionally, Atlantic Power will file other relevant materials in connection with the transaction with the SEC. Securityholders of Atlantic Power are urged to read the management information circular and proxy statement regarding the transaction and any other relevant materials carefully in their entirety when they become available before making any voting or investment decision with respect to the transaction with I Squared Capital and its affiliates and the parties to such transaction. Securityholders of Atlantic Power are able to obtain a copy of the management information circular and proxy statement, and the filings with the SEC and Canadian Securities Administrators that will be incorporated by reference into the proxy statement as well as other filings containing information about the transaction with I Squared Capital and its affiliates and the parties to such transaction made by Atlantic Power with the SEC and Canadian Securities Administrators free of charge on EDGAR at www.sec.gov, on SEDAR at www.sedar.com, or on Atlantic Power's website at www.atlanticpower.com. Information contained on, or that may be accessed through, the websites referenced in this communication is not incorporated into and does not constitute a part of this presentation. We have included these website addresses only as inactive textual references and do not intend them to be active links.

Participants in the Solicitation

Atlantic Power and its directors and executive officers may be deemed to be participants in the solicitation of proxies from the holders of Atlantic Power's common shares in respect of the transaction with I Squared Capital and its affiliates. Investors may obtain additional information regarding the interest of such participants by reading the management information circular and proxy statement regarding the transaction when it becomes available.

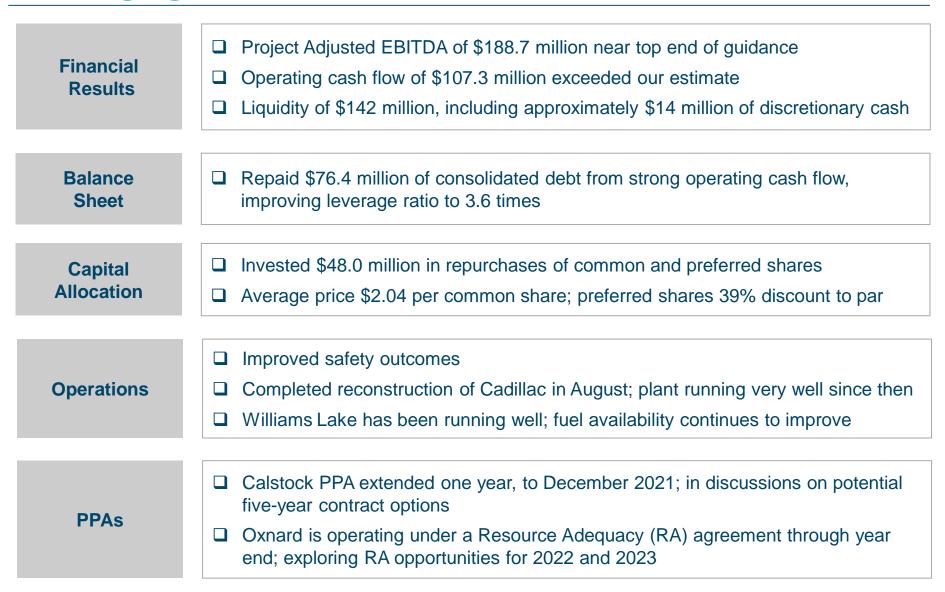


Agenda

- ☐ 2020 Highlights
- □ Acquisition Agreement with I Squared Capital
- □ Financial Results
- ☐ Liquidity and Debt Repayment Profile
- Operations Review
- □ Commercial Update
- Q&A



2020 Highlights





Acquisition by I Squared Capital: Investor Questions

Why sell now?	Forward power curves have continued to decline, adversely affecting ability to re-contract expiring PPAs	
	Microcap stock in out-of-favor sector with declining Project Adjusted EBITDA profile	
Why sell at these	Offer of US\$3.03 per common share gives us value today for Project Adjusted EBITDA potentially at risk due to re-contracting	
prices?	Without the offer, getting to that price would require a recovery in forward power curves	
Impact of new green	Policies are hurting gas plants by adding supply where it is not needed	
energy policies on Atlantic Power?	Hydro plants likely to be re-contracted, but at much lower levels of Project Adjusted EBITD)A
Why is this a good deal structure for all of our securityholders?	All holders have ability to realize liquidity in near term at premiums to recent and historic tranges	ading
	Not a redemption; buyer not required to pay par, but is offering fair value	
Why aren't the preferred shares	Significant premium to recent and historic levels, and a 40% premium to average repurcha price (Cdn\$15.74) under normal course issuer bid	se
being redeemed at par?	Downside risk of Cdn\$6 per share to Cdn\$7 per share equates to approximately five years dividends; permanent lost opportunity cost	of
P 3.1 3	In a "Lower for Longer" scenario in power, our ability to continue paying preferred dividends be challenged over time	s will
Is there any chance	Offer is firm and final	
the prices offered will be raised?	No approaches from potential competing bidders since agreement was announced	



Q4 2020 Financial Highlights

Financial Results

- Project Adjusted EBITDA of \$51.7 million vs. \$42.9 million in Q4 2019
- ☐ Cash provided by operating activities of \$35.2 million vs. \$40.2 million in Q4 2019

Balance Sheet

- Repaid \$18.5 million of term loan and \$0.8 million of project debt
- ☐ Consolidated leverage ratio⁽¹⁾ at December 31 of 3.6 times, or 3.4 times net of cash

Capital Allocation

- No activity in Q4, pending completion of the I Squared Capital transaction
- ☐ Discretionary cash at December 31 of approximately \$14 million

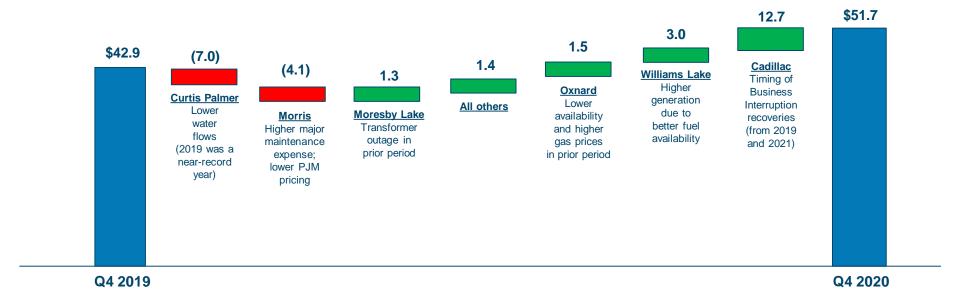
Cadillac Insurance Recovery

☐ Final insurance recoveries received in December 2020 totaling \$10.1 million



Q4 2020 Project Adjusted EBITDA⁽¹⁾ (bridge vs 2019)

(\$ millions)



Q4 was modestly ahead of our expectations, including a portion of Cadillac business interruption recoveries related to 2021 capacity revenue

(1) See Appendix for non-GAAP disclosures



FY 2020 Project Adjusted EBITDA⁽¹⁾ (bridge vs 2019)

(\$ millions)





(1) See Appendix for non-GAAP disclosures



Cash Flow Results

(\$ millions)

	Three months ended December 31,					
Unaudited	2020	2019	Change			
Cash provided by operating activities	\$35.2	\$40.2	\$(5.0)			
Significant uses of cash provided by operating activities:						
Term loan repayments (1)	(18.5)	(20.0)	1.5			
Project debt amortization	(8.0)	-	(8.0)			
Capital expenditures	(1.1)	(1.5)	0.4			
Preferred dividends	(1.8)	(1.9)	0.1			

- (\$11.3) million unfavorable change in working capital
- +\$8.8 million higher Project Adjusted EBITDA

	Twelve months ended December 3		
Unaudited	2020	2019	Change
Cash provided by operating activities	\$107.3	\$144.7	\$(37.4)
Significant uses of cash provided by operat	ing activities:		
Term loan repayments (1)	(72.5)	(70.0)	(2.5)
Project debt amortization	(3.9)	(2.3)	(1.6)
Capital expenditures (2)	(3.7)	(2.3)	(1.4)
Preferred dividends	(6.8)	(7.4)	0.6

- (\$25.6) million unfavorable change in working capital, mostly due to timing of receipts at Cadillac, Williams Lake and Nipigon, and larger cash disbursements for Cadillac repairs and a maintenance outage at Morris
- (\$14.9) million due to unfavorable hydrological conditions at Curtis Palmer
- (\$5.3) million due to lower distributions from unconsolidated affiliates, primarily at Chambers, which began repaying project-level debt in Q4 2019
- +\$16.4 million insurance recoveries for Cadillac (portion included in operating cash flow)



Liquidity

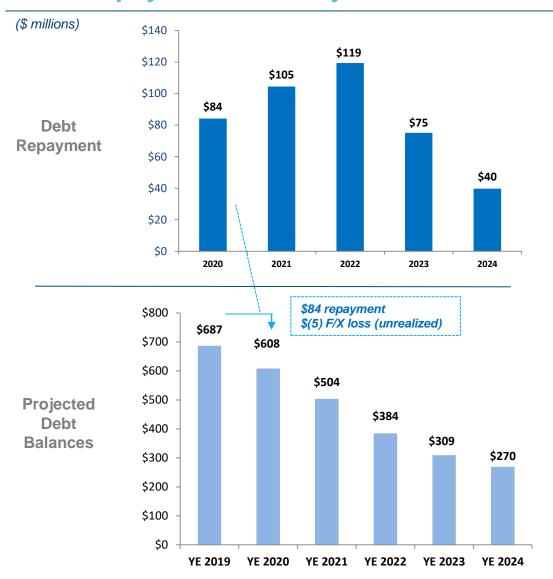
(\$ millions)

	Dec 31, 2020	Sep 30, 2020
Cash and cash equivalents, parent	\$21.5	\$15.9
Cash and cash equivalents, projects	<u>17.3</u>	<u>14.4</u>
Total cash and cash equivalents	38.8	30.3
Revolving credit facility	180.0	180.0
Letters of credit outstanding	<u>(77.1)</u>	<u>(78.0)</u>
Availability under revolving credit facility	102.9	102.0
Total Liquidity	\$141.7	\$132.3
Excludes restricted cash of ⁽¹⁾ :	\$7.1	\$2.6
Consolidated debt (2)	\$577.6	\$585.2
Leverage ratio (3)	3.6	3.9

Discretionary cash of approximately \$14 million at December 31, 2020



Debt Repayment and Projected Debt Balances through 2024 (1)



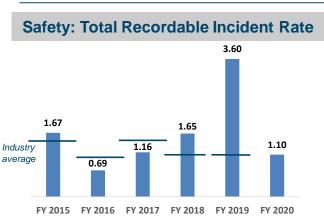
- Repaid \$84.2 million in 2020
- Expect to repay \$339 million from 2021 through 2024
- Majority of the debt repayment expected to be from operating cash flows and proceeds from the sale of Manchief (2)
- Expect to result in lower cash interest payments and lower leverage ratios

- Planned debt repayment would reduce debt approximately 55% by YE 2024
- No bullet maturities prior to January 2025 (Series E convertible debentures)
- Expect to repay \$307.5 million Term Loan by maturity (April 2025)



Q4 2020 Operational Performance:

Higher generation: Williams Lake new PPA, Manchief higher dispatch, Cadillac return to service



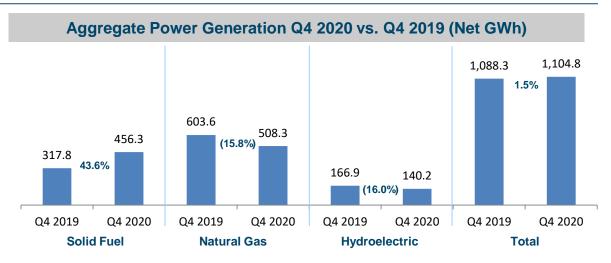
Availability (weighted average)

TRIR, generation companies (Bureau of Labor Statistics): FY'15 1.4, FY'16 1.0, FY'17 1.5, FY'18 1.1, FY'19 1.1

	Q4 2020	Q4 2019
Solid Fuel	87.0%	83.0%
Natural Gas	93.8%	96.0%
Hydro	99.2%	89.8%
Total	91.9%	90.4%

Higher availability factor:

- Cadillac extended outage in prior period
- Moresby Lake forced outage in prior period
- + Kenilworth maintenance outage in prior period
- Grayling extended outage for generator rewind
- Morris maintenance outage
- Allendale extended maintenance outage



Generation modestly higher due to:

- Williams Lake new PPA; rebuilding fuel inventory in prior period
- Manchief higher dispatch
- Cadillac extended outage in prior period
- + Mamquam higher water flows
- Frederickson lower dispatch (favorable wind and hydro conditions)
- Curtis Palmer lower water flows
- Oxnard PPA expired (May '20); now Resource Adequacy (RA) contract

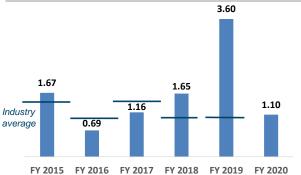
Hydro generation				
Curtis Palmer Mamquam				
(48%) vs Q4 2019	+42% vs Q4 2019			
(33%) vs long-term avg.	+34% vs long-term avg.			



FY 2020 Operational Performance:

Lower generation: Frederickson lower dispatch, Curtis Palmer lower water flows

Safety: Total Recordable Incident Rate



TRIR, generation companies (Bureau of Labor Statistics): FY'15 1.4, FY'16 1.0, FY'17 1.5, FY'18 1.1, FY'19 1.1

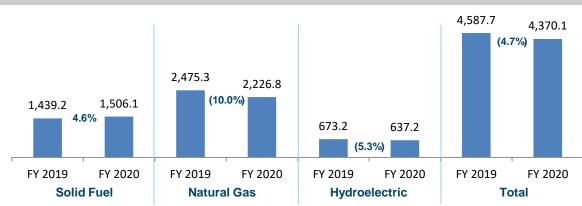
Availability (weighted average)

	FY 2020	FY 2019
Solid Fuel	78.2%	92.5%
Natural Gas	94.4%	95.8%
Hydro	88.8%	92.6%
Total	86.7%	94.0%

Lower availability factor:

- Grayling extended rotor and generator outage
- Cadillac extended outage and reconstruction
- Craven extended rotor outage
- Orlando planned major maintenance outage
- Morris planned major maintenance outage
- + Moresby Lake transformer outage prior period

Aggregate Power Generation FY 2020 vs. FY 2019 (Net GWh)



Generation lower due to:

- Frederickson lower dispatch (favorable wind and hydro conditions)
- Curtis Palmer lower water flows (near-record year in 2019)
- Oxnard PPA expired (May '20); now Resource Adequacy (RA) contract
- Piedmont maintenance outages
- Cadillac extended outage as a result of the fire
- Williams Lake new PPA contractual curtailment (May July)
- Manchief higher dispatch
- Allendale, Dorchester and Craven acquired mid-2019 (benefit of full year)
- Mamquam and Moresby Lake higher water flows

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Curtis Palmer Mamquam (27%) vs FY 2019 +22% vs FY 2019

(8%) vs long-term avg. +21% vs long-term avg.



Operations Update

Safety

The company's continued focus on safety performance resulted in three OSHA recordable incidents during the year, a significant reduction from the nine incidents that occurred in 2019.

Cadillac (Michigan)	Williams Lake (British Columbia)
 Plant running well Has not come offline since return to service on August 20th In the process of scheduling spring outage Fuel availability and pricing continue to be stable 	 Plant ran well during Q4 Improved fuel availability Currently five grinders producing fuel in the field. Expect to continue operation through end of April (November – February required under contract; contractual curtailment May – July) Expect Project Adjusted EBITDA improvement in 2021
Craven (NC) and Grayling (MI)	San Diego (CA) Demolition
 Both plants running well since restart Craven modifications to pollution control equipment allowing for increased poultry litter burn. 	 Expect work to be completed in April and sites to be turned back over to the Navy Final cost of approximately \$3 million (net of salvage value) for all three sites, compares favorably to our original estimates



Commercial Update

Oxnard (California)

- ☐ Resource Adequacy (RA) agreement in place for 2021
- Expect modest Project Adjusted EBITDA contribution in 2021 as compared to \$1.7 million Project Adjusted EBITDA loss in 2020
- Exploring RA opportunities for 2022 and 2023

Calstock (Ontario)

- PPA extended until December 16, 2021
- □ In early February, Ministry instructed IESO to enter discussions with Calstock and report back on potential five-year contract options
- Discussions with IESO commenced mid-February
- ☐ Continue to receive strong support from local communities, the Ontario Forest Industries
 Association, unions and Hearst area mills



Tax Update

Net Operating Losses

- As of December 31, 2020, the Company had U.S. and Canadian NOLs scheduled to expire per the table on the right, that can be utilized to offset future taxable income in their respective tax jurisdictions.
- NOLs represent potential future tax savings of approximately \$94.9 million in the U.S. under the revised U.S. Federal corporate tax rate of 21% plus State jurisdictions, and \$29.1 million in Canada.
- Although these NOLs are expected to be available as a future benefit:
 - > Some of the NOLs are subject to limitations on their use
 - ➤ Pre-Tax Reform NOLs, as detailed in the chart, can be used to offset 100% of taxable income and retain a 2-year carryback and a 20-year carryforward period
 - ➤ Post-Tax Reform NOLs are limited to offset 80% of taxable income, have no carryback feature but have an unlimited carryforward period. The Company has no Post-Tax Reform NOLs.

Valuation Allowance (VA)

- A VA must be established against deferred tax assets (DTAs) when it is more likely than not that the
 asset will not be realized. During 2020, the Company determined there was enough positive evidence
 to show it was more likely than not the federal DTAs would be realized. The result was a release of the
 U.S. federal VA for a reduction of \$39.7 million. A small U.S. state NOL and tax credit VA remains in
 place. In addition, there was a decrease of \$0.5 million to the Company's existing Canadian VAs.
- At December 31, 2020, the Company had VAs in the U.S. and Canada of \$13.5 million and \$91.7 million, respectively, totaling \$105.2 million.

Other Impacts of Recent U.S. Tax Legislation

- Repeal of the Alternative Minimum Tax (AMT) will result in cash tax savings
 - ➤ The CARES act allowed the Company to file for the remaining \$2.7 million of AMT credit refund on the 2019 federal tax return. The Company expects to receive the \$2.7 million in 2021.
- Business Interest Expense Limitation
 - ➤ Net business interest deductions in excess of 30% of EBITDA (EBIT after 2021) are disallowed. However, disallowed deductions will be carried forward indefinitely to be used at a future date.
 - > The Company had disallowed interest expense of \$37.9 million in 2018, but utilized \$36.3 million in 2019 and remainder in 2020.

NOL Expiration by Year (As of 12/31/20 \$ millions)

Pro-Tay Poform

	Pre-Tax	Pre-Tax Reform		
	<u>U.S.</u>	<u>Canada</u>		
2029	\$0.0	\$19.9		
2030	0.0	0.0		
2031	25.4	0.0		
2032	13.4	6.0		
2033	20.6	24.0		
2034	122.3	9.3		
2035	154.1	0.0		
2036	17.0	20.7		
2037	16.7	9.0		
2038	0.0	10.3		
2039	0.0	7.2		
2039	0.0	1.2		
Total	\$369.5	\$107.6		



Appendix

TABLE OF CONTENTS	<u>Page</u>
Power Projects and PPA Expiration Dates	19
Coronavirus Update	20
Debt Repayment Schedules	21-23
Capital Structure Information	24-27
Project Information – Earnings/Cash Flow Diversification and PPA Term	28-29
Supplemental Financial Information	
Project Income by Project	30
Project Adjusted EBITDA by Project	31
Cash Distributions from Projects	32
Non-GAAP Reconciliations	33-35



Power Projects and PPA Expiration Dates

				Economic	Net	Contract
Year	Project	Location	Туре	Interest	MW	Expiry
	Kenilworth	New Jersey	Nat. Gas	100%	29	9/2021
2021	Calstock	Ontario	Biomass	100%	35	12/2021 ⁽¹⁾
	Oxnard	California	Nat. Gas	100%	49	12/2021 ⁽²⁾
	Manchief	Colorado	Nat. Gas	100%	300	4/2022 ⁽³⁾
2022	Moresby Lake	B.C.	Hydro	100%	6	8/2022
2022	Frederickson	Washington	Nat. Gas	50.15%	125	8/2022
	Nipigon	Ontario	Nat. Gas	100%	40	12/2022
2023	Orlando	Florida	Nat. Gas	50%	65	12/2023
2024	Chambers	New Jersey	Coal	40%	105	3/2024
	Mamquam	B.C.	Hydro	100%	50	9/2027 (4)
	Curtis Palmer	New York	Hydro	100%	60	12/2027 (5)
2025 - 2029	Craven	North Carolina	Biomass	50%	24	12/2027
	Grayling	Michigan	Biomass	30%	11	12/2027
	Cadillac	Michigan	Biomass	100%	40	6/2028
	Williams Lake	B.C.	Biomass	100%	66	9/2029
	Piedmont	Georgia	Biomass	100%	55	9/2032
	Tunis	Ontario	Nat. Gas	100%	37	10/2033
0000 0040	Morris	Illinois	Nat. Gas	100%	77 ⁽⁶⁾	12/2034 (7)
2032 - 2043	Koma Kulshan	Washington	Hydro	100%	13	3/2037
	Dorchester	South Carolina	Biomass	100%	20	10/2043
	Allendale	South Carolina	Biomass	100%	20	11/2043



Business Model and Proactive Steps have Limited the Impact of Coronavirus Pandemic

■ No material impact to date on operations or financial results

- Eighteen confirmed cases to date (at various plants) among Atlantic Power employees and plant contractors; followed all recommended guidelines and prevented any further spread of the virus
- Continuing to monitor fuel supply at biomass plants; pricing and availability remain stable at each site
- Overall, we do not currently anticipate a material impact on operations, financial position or results
- Continuing to monitor the evolving situation; ultimate outcome remains uncertain

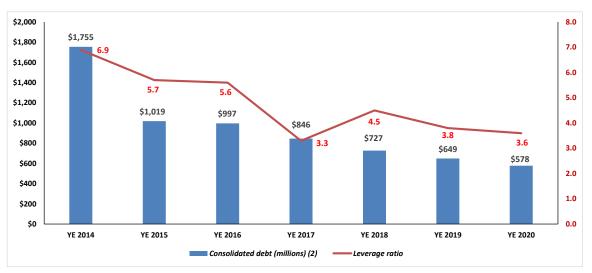
■ Believe we are well positioned overall

- Power generation an essential business in the United States and Canada
- Substantially contracted business model (capacity payment or contracted energy rate)
- Limited financial sensitivity to downturn in demand or spot prices (may hurt re-contracting prospects in near term)
- Nearly all of our customers are investment-grade rated (Chemours/Chambers only exception)
- Not experiencing any delays in payments
- Stable liquidity; no need to access capital markets
- Well positioned to withstand extended economic or power market downturn

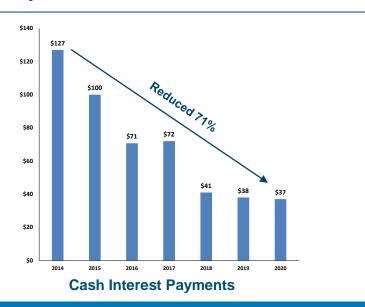


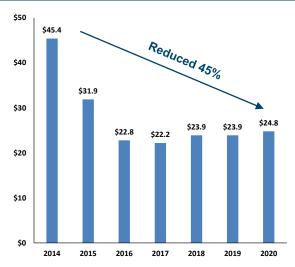
2014 - 2020: Significant Debt and Cost Reductions

(\$ millions)



Nearly \$1.2 billion net reduction in consolidated debt from YE 2014 to estimated YE 2020



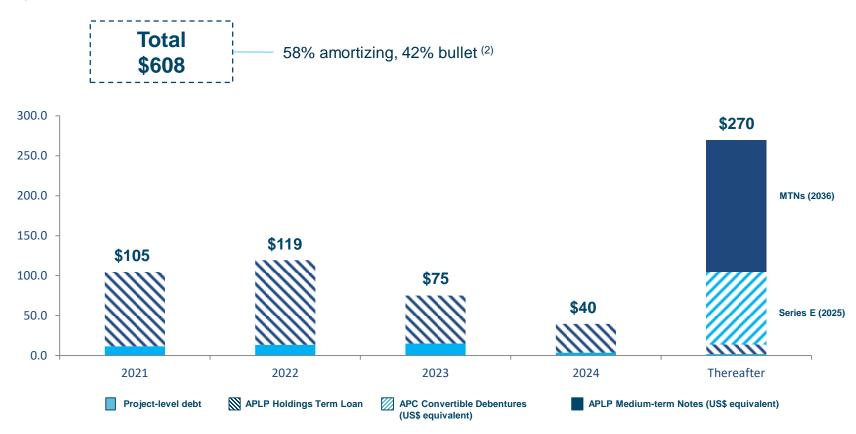


General, Administrative and Development Expense



Debt Repayment Profile at December 31, 2020 (1)

(\$ millions)

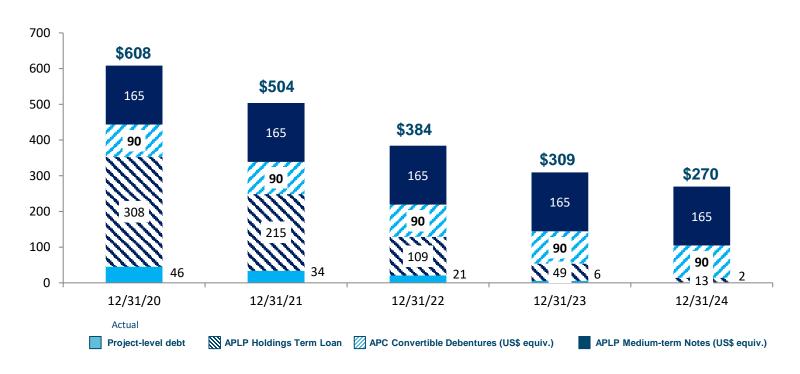


- Project-level non-recourse debt: \$45.5, including \$30.7 at Chambers (equity method); amortizes over the life of the project PPAs (through 2025)
- APLP Holdings Term Loan: \$307.5; 1% annual amortization and mandatory prepayment via the greater of a 50% sweep or such other amount that is required to achieve a specified targeted debt balance (combined average annual repayment of ~ \$74); projected to fully amortize by maturity
- APC Convertible Debentures: \$90.3 (US\$ equivalent) of Series E convertible debentures (maturing Jan. 2025)
- APLP Medium-Term Notes: \$164.9 (US\$ equivalent) due in June 2036



Projected Debt Balances through 2024 (1)

(\$ millions)



Expected Debt Repayment (December 31, 2020 – Year End 2024):

- APLP Holdings Term Loan: Will fully amortize by maturity (April 2025)
- Project Debt: Amortize \$44, ending balance \$2 (Cadillac)
- APC Convertible Debentures: No repayment required prior to 2025 maturity, but callable at par in 2023
- Total Remaining Repayment through 2024: \$339 (56%)



Capitalization

(\$ millions)

	Dec. 31, 2020		Sep. 30,	2020
Long-term debt, incl. current portion (1)				
APLP Medium-Term Notes (2)	\$164.9		\$157.4	
Revolving credit facility	-		-	
Term Loan	307.5		326.0	
Project-level debt (non-recourse)	14.8		15.6	
Convertible debentures (2)	90.3		86.2	
Total long-term debt, incl. current portion	\$577.5	78%	\$585.2	83%
Preferred shares (3)	168.8	23%	168.8	24%
Common equity (4)	(10.3)	(1)%	(49.5)	(7)%
Total shareholders equity	\$158.5	22%	\$119.3	17%
Total capitalization	\$736.0	100%	\$704.5	100%

⁽¹⁾ Debt balances are shown before unamortized discount and unamortized deferred financing costs.

Note: Table is presented on a consolidated basis and excludes equity method projects

⁽²⁾ Period-over-period change due to F/X impacts.

⁽³⁾ Par value of preferred shares was approximately \$135 million and \$129 million at December 31, 2020 and September 30, 2020, respectively.

⁽⁴⁾ Common equity includes other comprehensive income and retained deficit.



Capital Summary at December 31, 2020

(\$ millions)

Atlantic Power Corporation									
	Maturity	Amount Outstanding	Interest Rate						
Convertible Debentures (ATP.DB.E)	1/2025	\$90.3 (C\$115.0)	6.00%						
	APLP Holdings	Limited Partnership							
	Maturity	Amount	Interest Rate						
Revolving Credit Facility	4/2025	\$0	LIBOR + 2.50% ⁽¹⁾						
Term Loan	4/2025	\$307.5	4.70%						
Atlantic Power Limited Partnership									
	Maturity	Amount	Interest Rate						
Medium-term Notes	6/2036	\$164.9 (C\$210)	5.95%						
Preferred shares (AZP.PR.A)	N/A	\$68.0 (C\$86.6)	4.85%						
Preferred shares (AZP.PR.B)	N/A	\$47.9 (C\$61.0)	5.74%						
Preferred shares (AZP.PR.C)	N/A	\$18.8 (C\$23.9)	4.30% (2)						
	Atlantic Power Transmissi	on & Atlantic Power Generation							
	Mate	urity Amo	unt Interest						
Project-level Debt (Cadillac - consolidated)	8/20)25 \$14	.8 6.26%-6.38%						
Project-level Debt (Chambers - equity method)	12/2	023 \$30	.7 5.00%						



APLP Holdings Term Loan Cash Sweep Calculation

APLP Holdings Adjusted EBITDA

(after majority of Atlantic Power G&A expense)

Less: Capital expenditures Cash taxes

= Cash flow available for debt service

Less

APLP Holdings consolidated cash interest (revolver, term loan, MTNs, Cadillac)

= Cash flow available for cash sweep

Through 2022:

Calculate 50% of cash flow available for sweep Compare 50% cash flow sweep to amount required to achieve targeted debt balance

Must repay greater of 50% or the amount required to achieve targeted debt balance for that quarter

If targeted debt balance is > 50% of cash flow sweep:

- Repay amount required to achieve target, up to 100% of cash flow available from sweep
- Remaining amount, if any, to Company

If targeted debt balance is < 50% of cash flow sweep:

- Repay 50% minimum
- Remaining 50% to Company

After 2022: Repay debt using 50% of cash flow available for sweep

Expect loan to be fully repaid by maturity from operating cash flow and Manchief sale proceeds

Notes:

The cash sweep calculation occurs at each quarter-end. Targeted debt balances are specified in the credit agreement for each quarter through 2022.



APLP Holdings Credit Facilities – Financial Covenants

Fiscal Quarter	Leverage Ratio	Interest Coverage Ratio
12/31/2020	4.25:1.00	3.50:1.00
3/31/2021	4.25:1.00	3.50:1.00
6/30/2021	4.25:1.00	3.75:1.00
9/30/2021	4.25:1.00	3.75:1.00
12/31/2021	4.25:1.00	3.75:1.00
3/31/2022	4.25:1.00	3.75:1.00
6/30/2022	4.25:1.00	4.00:1.00
9/30/2022	4.25:1.00	4.00:1.00
12/31/2022	4.25:1.00	4.00:1.00
3/31/2023	4.25:1.00	4.00:1.00

Leverage ratio:

Consolidated debt to Adjusted EBITDA, calculated for the trailing four quarters.

Consolidated debt includes both long-term debt and the current portion of long-term debt at APLP Holdings, specifically the amount outstanding under the term loan and the amount borrowed under the revolver, if any, the Medium Term Notes, and consolidated project debt (Cadillac).

Adjusted EBITDA is calculated as the Consolidated Net Income of APLP Holdings plus the sum of consolidated interest expense, tax expense, depreciation and amortization expense, and other non-cash charges, minus non-cash gains. The Consolidated Net Income includes an allocation of the majority of Atlantic Power G&A expense. It also excludes earnings attributable to equity-owned projects but includes cash distributions received from those projects.

Interest Coverage ratio:

Adjusted EBITDA to consolidated cash interest payments, calculated for the trailing four quarters.

Adjusted EBITDA is defined above.

Consolidated cash interest payments include interest payments on the debt included in the Consolidated debt ratio defined above.

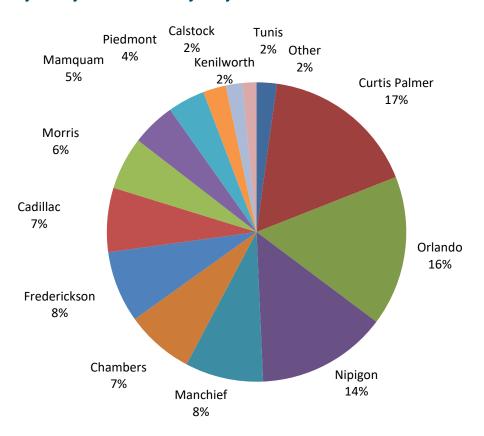
Note, the project debt, Project Adjusted EBITDA and cash interest expense for Piedmont are not included in the calculation of these ratios because the project is not included in the collateral package for the credit facilities.



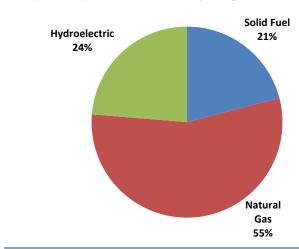
Project Adjusted EBITDA and Cash Flow Diversification by Project

Twelve months ended December 31, 2020

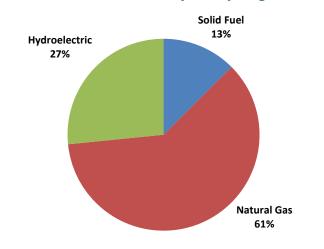
Project Adjusted EBITDA by Project



Project Adjusted EBITDA by Segment (1)



Cash Distributions from Projects by Segment (2)

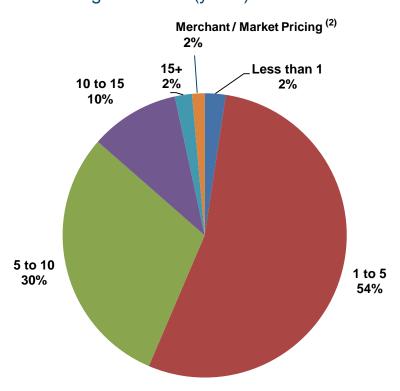




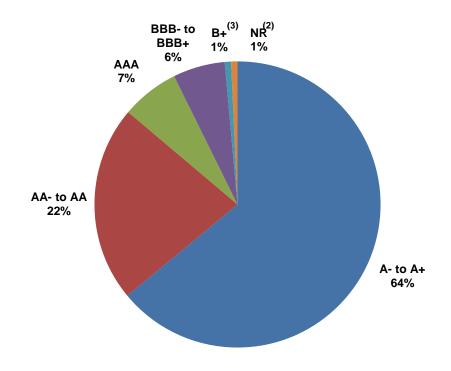
Contracted projects have an average remaining PPA life of 4.6 years⁽¹⁾

Nearly all PPAs are with investment-grade rated customers

Remaining PPA Term (years) (1)



Offtaker Credit Rating (1)





Project Income (Loss) by Project

(\$ millions)		Three montl		Twelve month	
			mber 31,		mber 31,
		2020	2019	2020	2019
	Solid Fuel				
	Allendale	(\$0.3)	\$0.1	\$0.6	\$0.8
	Cadillac	10.3	(2.8)	10.3	(2.3)
	Calstock	1.6	(5.1)	4.4	(2.7)
	Dorchester	(0.5)	(0.3)	(0.2)	0.2
	Piedmont	(2.2)	(2.1)	0.5	2.1
	Williams Lake	1.1	(1.9)	(1.7)	(2.8)
	Chambers ⁽¹⁾	0.1	(48.6)	4.4	(46.0)
	Craven (1)	0.3	(0.0)	(1.8)	0.2
	Grayling ⁽¹⁾	0.3	0.5	(1.1)	0.8
	Total	10.8	(60.2)	15.2	(49.8)
	Natural Gas				
	Kapuskasing	(0.1)	(0.1)	(0.3)	(0.3)
	Kenilworth	0.4	0.1	1.3	(0.1)
	Manchief	1.3	0.9	5.5	4.6
	Morris	(0.8)	3.1	3.4	10.2
	Naval Station	0.9	(0.1)	0.8	(8.0)
	Naval Training Center	0.5	(0.1)	0.4	(8.0)
	Nipigon	7.0	5.7	29.4	22.2
	North Bay	(0.1)	(0.1)	(0.3)	(0.3)
	North Island	0.6	(0.0)	0.5	(0.6)
	Oxnard	0.2	(2.3)	(3.5)	(4.1)
	Tunis	0.5	0.5	2.0	2.1
	Frederickson (1)	2.1	2.6	8.3	9.1
	Orlando ⁽¹⁾	7.0	6.7	34.1	27.5
	Total	19.7	16.9	81.7	68.5
	Hydroelectric				
	Curtis Palmer	2.6	9.6	17.5	32.4
	Koma Kulshan	-	(0.1)	0.7	(0.1)
	Mamquam	1.8	0.9	7.5	5.6
	Moresby Lake	0.3	(0.9)	0.1	(1.9)
	Total	4.7	9.4	25.7	36.0
	Totals		-	-	
	Consolidated projects	25.3	5.0	78.7	63.1
	Equity method projects	9.9	(38.8)	43.9	(8.5)
	Corporate	1.4	0.5	(3.7)	(7.9)
	Total Project Income (loss)	\$36.6	(\$33.4)	\$118.9	\$46.8



Project Adjusted EBITDA by Project

(\$ millions)

(\$ 11mmorro)				
	Three month	Three months ended December 31,		hs ended
	Dece			ember 31,
	2020	2019	2020	2019
Solid Fuel				
Allendale	(\$0.2)	\$0.2	\$0.8	\$0.9
Cadillac	10.8	(1.9)	13.4	3.3
Calstock	1.7	1.2	4.8	5.2
Dorchester	(0.5)	(0.2)	(0.1)	0.2
Piedmont	(0.4)	(0.3)	7.9	9.4
Williams Lake	1.6	(1.4)	0.3	(1.0)
Chambers ⁽¹⁾	2.7	3.0	14.4	13.4
Craven (1)	0.5	0.1	(1.0)	0.4
Grayling (1)	0.4	0.6	(0.6)	0.9
Total	16.6	1.3	39.9	32.7
Natural Gas				
Kapuskasing	(0.1)	(0.1)	(0.3)	(0.3)
Kenilworth	0.6	0.7	3.5	2.6
Manchief	4.1	3.7	16.5	15.6
Morris	0.3	4.4	11.1	16.7
Naval Station	(0.0)	(0.1)	(0.1)	(0.4)
Naval Training Center	(0.0)	(0.0)	(0.1)	(0.2)
Nipigon	8.2	7.5	27.5	23.6
North Bay	(0.1)	(0.1)	(0.3)	(0.3)
North Island	(0.1)	(0.1)	(0.3)	(0.4)
Oxnard	0.2	(1.3)	(1.7)	(0.0)
Tunis	0.8	0.7	3.0	3.1
Frederickson (1)	3.7	4.1	14.4	15.2
Orlando ⁽¹⁾	8.2	8.0	31.7	33.0
Total	25.8	27.6	105.0	108.2
Hydroelectric				
Curtis Palmer	6.4	13.4	32.9	47.8
Koma Kulshan	0.4	0.3	2.2	1.4
Mamquam	2.2	1.3	9.2	7.2
Moresby Lake	0.6	(0.7)	1.0	(1.0)
Total	9.6	14.3	45.3	55.5
Totals				
Consolidated projects	36.5	27.4	131.2	133.5
Equity method projects	15.5	15.8	58.9	62.9
Corporate	(0.3)	(0.3)	(1.5)	(0.3)
Total Project Adjusted EBITDA	\$51.7	\$42.9	\$188.7	\$196.1
• •				

	Three months ended		Twelve mont	hs ended	
		mber 31,	December 31,		
	2020	2019	2020	2019	
Total Project Adjusted EBITDA	\$51.7	\$42.9	\$188.7	\$196.1	
Change in fair value of derivative instruments	(1.2)	0.6	(6.8)	8.9	
Depreciation and amortization	18.5	20.3	76.6	80.7	
Interest, net	0.7	0.4	2.8	2.5	
Impairment	-	55.0		55.0	
Insurance (gain) loss	(0.7)	-	(0.7)	1.0	
Other project (income) expense	(2.2)	_	(2.1)	1.2	
Project income (loss)	\$36.6	(\$33.4)	\$118.9	\$46.8	
Administration	8.0	6.6	24.8	23.9	
Interest expense, net	10.7	11.0	42.4	44.0	
Foreign exchange loss	11.3	4.8	5.1	11.9	
Other expense (income), net	-	0.3	(2.7)	1.0	
Income from operations before income taxes	6.6	(56.1)	49.3	(34.0)	
Income tax (benefit) expense	(29.4)	7.3	(24.2)	9.8	
Net income (loss)	\$36.0	(\$63.4)	\$73.5	(\$43.8)	
Net income (loss) attributable to preferred share					
dividends of a subsidiary company	1.8	1.9	(0.7)	(1.2)	
Net income (loss) attributable to	_		<u> </u>		
Atlantic Power Corporation	\$34.2	(\$65.3)	\$74.2	(\$42.6)	



Cash Distributions from Projects by Quarter, 2019 - 2020

(\$ millions), Unaudited

	Q1 2019	Q2 2019	Q3 2019	Q4 2019	FY 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020	YTD 2020
Solid Fuels										
Allendale	-	-	-	\$0.8	\$0.8	\$0.3	(\$0.3)	\$0.4	(\$0.6)	(\$0.2)
Cadillac	-	\$1.0	\$0.5	-	1.5	-	-	-	4.3	4.3
Calstock	\$1.1	1.1	1.8	1.2	5.2	2.9	1.1	1.0	1.6	6.5
Dorchester	-	-	-	0.7	0.7	-	(0.3)	0.1	(1.2)	(1.4)
Piedmont	1.3	0.5	5.5	2.0	9.3	1.0	0.5	5.0	8.0	7.2
Williams Lake	2.5	(0.2)	(1.0)	(2.6)	(1.4)	(0.4)	0.9	(5.8)	4.4	(8.0)
Chambers ⁽¹⁾	-	6.0	-	3.2	9.2	-	2.3	-	3.1	5.4
Craven (1)	-	-	-	0.3	0.3	-	-	-	-	-
Grayling ⁽¹⁾		-	0.4	0.3	0.6		-	-	-	
Total	4.8	8.4	7.2	5.8	26.2	3.7	4.3	0.7	12.4	21.1
Natural Gas										
Kapuskasing	(0.1)	(0.1)	-	(0.1)	(0.3)	-	(0.1)	(0.1)	(0.1)	(0.2)
Kenilworth	0.9	0.9	1.3	0.5	3.6	0.4	8.0	1.3	0.1	2.6
Manchief	3.4	3.6	2.6	6.0	15.6	3.3	3.2	5.1	4.7	16.3
Morris	5.7	4.0	3.4	4.2	17.3	0.3	7.2	1.7	2.4	11.6
Naval Station	1.2	(0.1)	(0.4)	(0.1)	0.6	-	-	0.2	(0.6)	(0.4)
Naval Training Center	(0.2)	(0.1)	(0.4)	(0.1)	(0.7)	-	(0.1)	(1.0)	(0.1)	(1.3)
Nipigon	9.8	5.4	4.7	6.1	26.0	8.3	6.6	5.5	7.0	27.4
North Bay	(0.1)	(0.1)	-	(0.1)	(0.3)	(0.1)	(0.1)	(0.1)	(0.1)	(0.3)
North Island	(0.3)	(0.1)	(0.2)	(0.2)	(8.0)	(0.1)	(0.1)	(0.4)	(0.6)	(1.2)
Oxnard	(1.1)	(1.9)	4.7	0.3	1.9	(0.6)	(0.8)	(0.1)	0.1	(1.5)
Tunis	1.4	0.8	0.8	0.6	3.6	0.8	0.8	0.8	0.6	3.1
Frederickson (1)	3.8	2.8	4.5	4.3	15.4	3.7	3.8	3.1	4.1	14.7
Orlando ⁽¹⁾	1.9	10.1	10.6	10.3	32.9	1.6	8.8	10.9	10.6	31.8
Total	26.2	25.1	31.7	31.8	114.8	17.6	30.0	27.0	28.1	102.6
Hydroelectric										
Curtis Palmer	14.3	15.2	7.6	10.3	47.4	13.7	13.3	2.6	4.1	33.7
Koma Kulshan	0.3	0.6	0.1	0.4	1.3	0.2	0.7	0.9	0.3	2.1
Mamquam	1.7	2.4	2.1	1.2	7.4	1.4	1.9	3.3	2.1	8.7
Moresby Lake	0.5	(0.3)	(0.3)	(0.3)	(0.4)	(0.5)	0.3	0.3	0.2	0.2
Total	16.8	17.8	9.5	11.7	55.7	14.8	16.2	7.0	6.8	44.8
Total Cash Distributions	\$47.8	\$51.3	\$48.3	\$49.3	\$196.7	\$36.2	\$50.4	\$34.7	\$47.2	\$168.5
Consolidated	42.1	32.4	32.8	31.0	138.3	30.9	35.5	20.6	29.5	116.6
Equity Method	5.7	18.9	15.4	18.3	58.4	5.3	14.9	14.0	17.7	51.9



Non-GAAP Disclosures

Project Adjusted EBITDA is not a measure recognized under GAAP and does not have a standardized meaning prescribed by GAAP, and is therefore unlikely to be comparable to similar measures presented by other companies. The most directly comparable GAAP measure is Project income (loss). Project Adjusted EBITDA is defined as project income (loss) plus interest, taxes, depreciation and amortization (including non-cash impairment charges) and changes in the fair value of derivative instruments. Management uses Project Adjusted EBITDA at the project level to provide comparative information about project performance and believes such information is helpful to investors. A reconciliation of Project Adjusted EBITDA to Project income (loss) and to Net income (loss) by segment and on a consolidated basis is provided on pages 34-35.

Investors are cautioned that the Company may calculate these measures in a manner that is different from other companies.

	Three months ended December 31,		Twelve mon	ths ended ember 31,
	2020	2019	2020	2019
Net income (loss) attributable to Atlantic Power Corporation	\$34.2	(\$65.3)	\$74.2	(\$42.6)
Net income (loss) attributable to preferred share dividends of a subsidiary company	1.8	1.9	(0.7)	(1.2)
Net income (loss)	\$36.0	(\$63.4)	\$73.5	(\$43.8)
Income tax (benefit) expense	(29.4)	7.3	(24.2)	9.8
Income (loss) from operations before income taxes	6.6	(56.1)	49.3	(34.0)
Administration	8.0	6.6	24.8	23.9
Interest expense, net	10.7	11.0	42.4	44.0
Foreign exchange loss	11.3	4.8	5.1	11.9
Other expense (income), net	-	0.3	(2.7)	1.0
Project income	\$36.6	(\$33.4)	\$118.9	\$46.8
Reconciliation to Project Adjusted EBITDA				
Change in the fair value of derivative instruments	(\$1.2)	\$0.6	(\$6.8)	\$8.9
Depreciation and amortization	18.5	20.3	76.6	80.7
Interest, net	0.7	0.4	2.8	2.5
Impairment	-	55.0	-	55.0
Insurance (gain) loss	(0.7)	-	(0.7)	1.0
Other project (income) expense	(2.2)	-	(2.1)	1.2
Project Adjusted EBITDA	\$51.7	\$42.9	\$188.7	\$196.1



Reconciliation of Net Income (Loss) to Project Adjusted EBITDA by Segment

(\$ millions)

Three months ended December 31, 2020					
	Solid Fuel	Natural Gas	Hydroelectric	Corporate	Consolidated
Net income (loss) attributable to Atlantic Power Corporation	\$10.8	\$19.7	\$4.7	(\$1.0)	\$34.2
Net income attributable to preferred share dividends of a subsidiary company	-	-	-	1.8	1.8
Netincome	10.8	19.7	4.7	8.0	36.0
Income tax benefit	-	-	-	(29.4)	(29.4)
Net income (loss) before income taxes	10.8	19.7	4.7	(28.6)	6.6
Administration	-	-	-	8.0	8.0
Interest expense, net	-	-	-	10.7	10.7
Foreign exchange loss	-	-	-	11.3	11.3
Other income, net	-	-	-	-	-
Project income	10.8	19.7	4.7	1.4	36.6
Change in fair value of derivative instruments	-	0.5	-	(1.7)	(1.2)
Depreciation and amortization	5.8	7.8	4.9	-	18.5
Interest, net	0.7	-	-	-	0.7
Insurance gain	(0.7)	-	-	-	(0.7)
Other project income		(2.2)	-	-	(2.2)
Project Adjusted EBITDA	\$16.6	\$25.8	\$9.6	(\$0.3)	\$51.7

Three months ended December 31, 2019

	Solid Fuel	Natural Gas	Hydroelectric	Corporate	Consolidated
Net (loss) income attributable to Atlantic Power Corporation	(\$60.2)	\$16.9	\$9.4	(\$31.4)	(\$65.3)
Net income attributable to preferred share dividends of a subsidiary company	-	-	-	1.9	1.9
Net (loss) income	(60.2)	16.9	9.4	(29.5)	(63.4)
Income tax expense	-	-	-	7.3	7.3
Net (loss) income before income taxes	(60.2)	16.9	9.4	(22.2)	(56.1)
Administration	-	-	-	6.6	6.6
Interest expense, net	-	-	-	11.0	11.0
Foreign exchange loss	-	-	-	4.8	4.8
Other expense, net	-	-	-	0.3	0.3
Project (loss) income	(60.2)	16.9	9.4	0.5	(33.4)
Change in fair value of derivative instruments	-	1.4	-	(0.8)	0.6
Depreciation and amortization	6.1	9.3	4.9	-	20.3
Interest, net	0.4	-	-	-	0.4
Impairment	55.0	-	-	-	55.0
Other project income	-	-	-	-	-
Project Adjusted EBITDA	\$1.3	\$27.6	\$14.3	(\$0.3)	\$42.9



Reconciliation of Net Income (Loss) to Project Adjusted EBITDA by Segment

(\$ millions)

	Solid Fuel	Natural Gas	Hydroelectric	Corporate	Consolidated
Net income (loss) attributable to Atlantic Power Corporation	\$15.2	\$81.7	\$25.7	(\$48.4)	\$74.2
Net loss attributable to preferred share dividends of a subsidiary company	-	-	-	(0.7)	(0.7)
Net income (loss)	15.2	81.7	25.7	(49.1)	73.5
Income tax benefit	-	-	-	(24.2)	(24.2)
Net income (loss) before income taxes	15.2	81.7	25.7	(73.3)	49.3
Administration	-	-	-	24.8	24.8
Interest expense, net	-	-	-	42.4	42.4
Foreign exchange loss	-	-	-	5.1	5.1
Other income, net	-	-	-	(2.7)	(2.7)
Project income (loss)	15.2	81.7	25.7	(3.7)	118.9
Change in fair value of derivative instruments	-	(8.9)	-	2.1	(6.8)
Depreciation and amortization	22.7	34.3	19.6	-	76.6
Interest, net	2.7	-	-	0.1	2.8
Insurance gain	(0.7)	-	-	-	(0.7)
Other project income	-	(2.1)	_	-	(2.1)
Project Adjusted EBITDA	\$39.9	\$105.0	\$45.3	(\$1.5)	\$188.7

Twelve months ended December 31, 2019

	Solid Fuel	Natural Gas	Hydroelectric	Corporate	Consolidated
Net (loss) income attributable to Atlantic Power Corporation	(\$49.8)	\$68.5	\$36.0	(\$97.3)	(\$42.6)
Net loss attributable to preferred share dividends of a subsidiary company	-	=	-	(1.2)	(1.2)
Net (loss) income	(49.8)	68.5	36.0	(98.5)	(43.8)
Income tax expense	-	=	-	9.8	9.8
Net (loss) income before income taxes	(49.8)	68.5	36.0	(88.7)	(34.0)
Administration	-	-	-	23.9	23.9
Interest expense, net	-	-	-	44.0	44.0
Foreign exchange loss	-	-	-	11.9	11.9
Other expense, net	-	-	-	1.0	1.0
Project (loss) income	(49.8)	68.5	36.0	(7.9)	46.8
Change in fair value of derivative instruments	-	1.4	-	7.5	8.9
Depreciation and amortization	23.9	37.2	19.5	0.1	80.7
Interest, net	2.6	(0.1)	-	-	2.5
Impairment	55.0	-	-	-	55.0
Insurance loss	1.0	-	-	-	1.0
Other project expense	-	1.2	-	-	1.2
Project Adjusted EBITDA	\$32.7	\$108.2	\$55.5	(\$0.3)	\$196.1