UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of May 2024

Commission File Number 001-36487

Atlantica Sustainable Infrastructure plc (Exact name of Registrant as specified in its charter)

Not applicable (Translation of Registrant's name into English) Great West House, GW1, 17th floor Great West Road Brentford, TW8 9DF United Kingdom Tel: +44 203 499 0465

Indicate by check mark whether the registrant files or will file annual report	ts under cover of Form 20-F or Form 40-F:
⊠ Form 20-F	☐ Form 40-F
Indicate by check mark if the registrant is submitting the Form 6-K in paper	r as permitted by Regulation S-T Rule 101(b)(1): \Box
Indicate by check mark if the registrant is submitting the Form 6-K in paper	r as permitted by Regulation S-T Rule 101(b)(7): □



DISCLAIMER



Forward Looking Statements

- This presentation contains forward-looking statements. These forward-looking statements include, but are not limited to, all statements other than statements historical facts contained in this presentation, including, without limitation, those regarding our future financial position and results of operations, our strate plans, objectives, goals and targets, future developments in the markets in which we operate or are seeking to operate. In some cases, you can identify forwal looking statements by terminology such as "anticipate", "believe," "could", "estimate", "expect", "guidance", "may", "plan", "should" or "will" or the negative of sterms or other similar expressions or terminology.
- By their nature, forward-looking statements involve risks and uncertainties because they relate to events and depend on circumstances that may or may not or
 in the future. Forward-looking statements speak only as of the date of this presentation and are not guarantees of future performance and are based on numer
 assumptions. Our actual results of operations, financial condition and the development of events may differ materially from (and be more negative than) th
 made in, or suggested by, the forward-looking statements. Except as required by law, we do not undertake any obligation to update any forward-look
 statements to reflect events or circumstances after the date hereof or to reflect anticipated or unanticipated events or circumstances.
- Investors should read the section entitled "Item 3.D.—Risk Factors" and the description of our segments and business sectors in the section entitled "Item Information on the Company—Business Overview", each in our Annual Report on Form 20-F for the fiscal year ended December 31, 2023, filed with the Securi and Exchange Commission ("SEC"), for a more complete discussion of the risks and factors that could affect us.
- Forward-looking statements include, but are not limited to, statements relating to: our anticipated exposure to current market risks, including the potential impure from foreign exchange rates and interest rates on cash available for distribution ("CAFD"); equity investments; CAFD estimates, including per currency, geograph and sector; net corporate leverage based on CAFD estimates; debt refinancing; the performance of our long-term contracts; self-amortizing project debt struct and debt reduction; return from the recently acquired UK wind assets, sale of electricity under PPAs, investments in assets to be built and their respective ready build ("Rtb") and commercial operation dates; proceeds expected from the sale of our equity interest in Monterrey, the use of non-GAAP measures as a useful t for investors including enterprise value to EBITDA multiple; dividends; and various other factors, including those factors discussed under "Item 3.D.—Risk Factor and "Item 5.A.—Operating Results" in our Annual Report on Form 20-F for the fiscal year ended December 31, 2023 filed with the SEC.
- The CAFD guidance used in this presentation was estimated as of May 8, 2024. This estimate is based on assumptions believed to be reasonable as of the d Atlantica Sustainable Infrastructure plc ("Atlantica", the "Company", "we" or "us") published its 2023 Financial Results. We disclaim any current intention to upd such guidance, except as required by law.

Non-GAAP Financial Measures

- This presentation also includes certain non-GAAP financial measures, including Adjusted EBITDA, CAFD, CAFD per share and enterprise value to EBITDA. Non-GA financial measures are not measurements of our performance or liquidity under IFRS as issued by IASB and should not be considered alternatives to operating pr or profit for the period or net cash provided by operating activities or any other performance measures derived in accordance with IFRS as issued by the IASB or other generally accepted accounting principles or as alternatives to cash flow from operating, investing or financing activities. Please refer to the appendix of presentation for a reconciliation of the non-GAAP financial measures included in this presentation to the most directly comparable financial measures prepared accordance with IFRS as well as the reasons why management believes the use of non-GAAP financial measures (including CAFD, CAFD per share, Adjusted EBIT and enterprise value to EBITDA) in this presentation provides useful information to investors.
- In our discussion of operating results, we have included foreign exchange impacts in our revenue and Adjusted EBITDA growth. The constant currency presentat is not a measure recognized under IFRS and excludes the impact of fluctuations in foreign currency exchange rates. We believe that constant currency informat provides valuable supplemental information regarding our results of operations. We calculate constant currency amounts by converting our current period is currency revenue and Adjusted EBITDA using the prior period foreign currency average exchange rates and comparing these adjusted amounts to our prior per reported results. This calculation may differ from similarly titled measures used by others and, accordingly, the constant currency presentation is not meant to be substitute for recorded amounts presented in conformity with IFRS as issued by the IASB nor should such amounts be considered in isolation.



Key Messages



Stable revenue at \$242.9 million in Q1 2024 compared with \$242.5 million in Q1 2023



Adjusted EBITDA 0.9%1 year-over-year decrease excluding the effect of the unscheduled outage at Kaxu



Operating Cash Flow 57.3% year-over-year increase up to \$65.6 million



Signed a 15-year PPA for a 100 MW solar + storage project in California



Closed the acquisition of two wind assets in operation in the UK at 6.6x EV / EBITDA² multiple

⁽¹⁾ Excluding the estimated impact of \$8.5 million in the first quarter of 2024 of the unscheduled outage at Kaxu that started in 2023, and net of insurance income related to this event. The plant restarted operations in mid-February 2024.

(2) EV ("Entreprise Value") is defined as Atlantica's expected investment. EBITDA is calculated as the average Net Income for the for the years 2023 and 2022 after adding back depreciation, amortization and impairment charges, income taxes, and interest expenses. See Reconciliation on page 26.





Operating Results

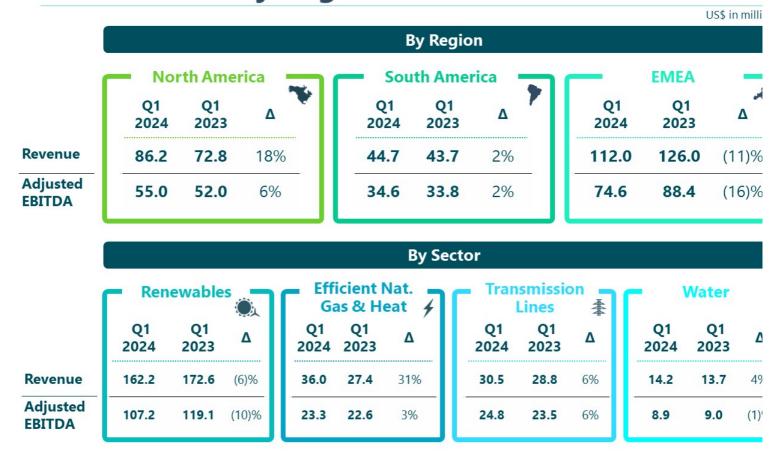
			First 3 Mo	onths	
US\$ in million (except CAFD per share)	2	2024	2023	∆ Reported	Excluding Kaxu impact ² & Q1-2023 CAFD One-off ³
Revenue	2	42.9	242.5	0.2%	
Adjusted EBITDA	1	64.2	174.2	(5.7)%	(0.9)% ²
CAFD	!	50.9	61.0	(17)%	(11)% ³
CAFD per share ¹	(0.44	0.53	(17)%	(11)% ³

CAFD per share is calculated by dividing CAFD for the period by the weighted average number of shares for the period (see reconciliation on page 25).
 Excluding the estimated impact of \$8.5 million in the first quarter of 2024 of the unscheduled outage at Kaxu that started in 2023, and net of insurance income related to this event. The plant re operations in mid-February 2024.
 Excluding \$4.1 million from the sale of part of our equity interest in our development company in Colombia to a partner in Q1 2023.



HIGHLIGHTS

Performance by Region and Sector





KEY OPERATIONAL METRICS

Steady Operational Performance

R	enewables	
GWh produced ¹	Q1 2024 1,063	Q1 2023 1,192
MW in operation ²	2,203	2,161

Trar	nsmission Lin	es
	Q1 2024	Q1 2023
Availability ⁴	100.0%	100.0%
Miles in operation	1,229	1,229

Efficient Natural Gas & Heat					
	Q1 2024	Q1 2023			
GWh produced ³	636	600			
Availability ⁴	102.3%	94.9%			
MW in operation ⁵	398	398			

	Water	
	Q1 2024	Q1 2023
Availability ⁴	102.3%	100.8%
Mft³ in operation²	17.5	17.5

Includes 49% of Vento II production since its acquisition. Includes curtailment in wind assets for which we receive compensation.
 Represents total installed capacity in assets owned or consolidated at the end of the period, regardless of our percentage of ownership in each of the assets, except for Vento II, for which we have included our 49% interest.

⁽³⁾ GWh produced includes 30% share of the production from Monterrey.
(4) Availability refers to the time during which the asset was available to our client totally or partially divided by contracted or budgeted availability, as applicable.
(5) Includes 43 MW corresponding to our 30% share in Monterrey and 55 MWt corresponding to thermal capacity from Calgary District Heating.



CASH FLOW

Operating Cash Flow

	First Q	uarter
US\$ in million	2024	2023
Adjusted EBITDA	164.2	174.2
Share in Adjusted EBITDA of unconsolidated affiliates	(12.5)	(11.8)
Net interest and income tax paid	(26.7)	(30.2)
Changes in working capital	(41.1)	(93.3)
Non-monetary adjustments and other	(18.3)	2.8
OPERATING CASH FLOW	65.6	41.7
Acquisitions of subsidiaries and entities under the equity method and investments in assets under development and construction	(84.4)	(9.5)
Investments in operating concessional assets	(2.4)	(7.6)
Distributions from entities under the equity method & other	16.1	18.0
INVESTING CASH FLOW	(70.7)	0.9
FINANCING CASH FLOW	12.7	(42.1)
Net change in consolidated cash ¹	7.6	0.4

⁽¹⁾ Consolidated cash as of March 31, 2024, increased by \$3.8 million vs December 31, 2023, including FX translation differences of \$(3.8) million.

GROWTH UPDATE



Progress in Development & Construction Complemented by M&A



New PPA in California

- 100 MW PV + storage¹ project, with RTB expected in 2024
- 15-Year PPA with an investment grade offtaker



Acquisition of 2 Wind Assets in the UK

- 32 MW wind representing a \$66 million investment
- Regulated revenue² and no project debt
- 6.6x EV/EBITDA³
- Return expected to be enhanced by use of existing NOLs carryforwards in the UK



Other Projects

- Signed PPA for Chile PV 3 including the battery storage expansion under construction (142 MWh)
- 27.5 MWpc / 22 MWac PV project in Spain
- Closed sale of Monterrey⁴

(1) 100 MW storage for four hours.

- (2) The assets are regulated until 2033 and 2027, under the UKs green attribute regulations ("ROCs"). The assets also receive Renewable Energy Guarantees of Origin ("REGOs") until the end of their useful life (3) EV ("Enterprise Value") is defined as Atlantica's investment in these two assets. EBITIDA is calculated as the average Net Income for the for the years 2023 and 2022 after adding back depreciation, amorticated in the properties of the properties of
- and impairment charges, income taxes, and interest expenses. See Reconciliation on page 26.

 (4) Expected proceeds of approximately \$43 million subject to final transaction costs, taxes and ongoing discussions with our partner. There is an earn-out mechanism that could result in additional procee Atlantica of up to approximately \$7 million between 2026 and 2028.

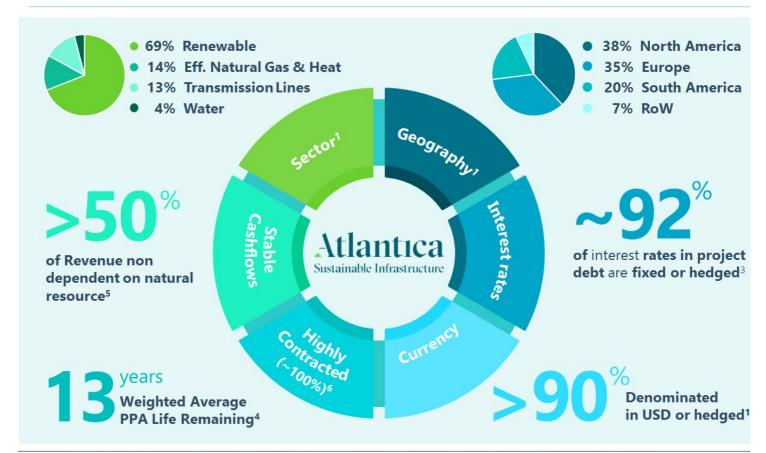
Appendix





SIZEABLE AND DIVERSIFIED ASSET PORTFOLIO

Portfolio Breakdown Based on Estimated CAFD¹



Based on CAFD estimates for the 2024-2027 period as of May 8, 2024, for the assets as of December 31, 2023, including assets that have reached COD before May 8, 2024. See "Disclaimer – Forward Looking Statements".

Euro denominated cash flows from assets in Europe, net of euro-denominated corporate interest payments and general and administrative expenses, are hedged through currency options on a rolling basis 100% for the next 12 months and 75%

cut outstand as a flow from assets in curope, net or euro-denominated corporate interest payments and general and administrative expenses, are neaged through currency options on a rolling basis flows for the flext. 12 following 12 months.

Based on weighted outstanding debt as of March 31, 2024.

Calculated as weighted average years remaining as of March 31, 2024, based on CAFD estimates for the 2024-2027 period, including assets that have reached COD before May 8, 2024. See "Disclaimer – Forward Looking Statements".

Calculated as a % of Revenue from FY 2023. Revenues non-dependent on natural resources includes transmission lines, efficient natural gas and heat, water assets and approximately 76% revenues received by our Spanish assets.



NET DEBT

Net Corporate Debt to CAFD pre corporate interest at 3.8

US\$ in million	-	Mar. 31, 2024	Dec. 31, 2023
	Net Corporate Debt ¹	1,126.8	1,051.7
Corporate	Net Corporate Debt, CAFD pre corporate debt service ²		3.8x
Project	Net Project Debt ³	3,895.9	3,904.0

Net corporate debt is calculated as long-term corporate debt plus short-term corporate debt minus cash and cash equivalents at Atlantica's corporate level.
 Net corporate leverage is calculated as net corporate debt divided by midpoint 2024 CAFD guidance before corporate debt service. CAFD before corporate debt service is calculated as CAFD plus condebt interest paid by Atlantica.

⁽³⁾ Net project debt is calculated as long-term project debt plus short-term project debt minus cash and cash equivalents at the consolidated project level.



Key Financials by Quarter (1/2)

Key Financials US\$ in thousands	1Q22	2Q22	3Q22	4Q22	2022	1Q23	2Q23	3Q23	4Q23	2023
Revenue	247,452	307,832	303,121	243,624	1,102,029	242,509	312,110	303,964	241,311	1,099,894
Adjusted EBITDA	173,626	228,678	228,336	166,459	797,100	174,204	229,624	223,454	167,640	794,922
Atlantica's pro-rata share of EBITDA from unconsolidated affiliates	(14,202)	(15,988)	(7,387)	(8,192)	(45,769)	(11,796)	(7,755)	(5,726)	(9,370)	(34,647)
Non-monetary items	10,413	10,940	10,839	(4,196)	27,996	649	(2,384)	9,973	(11,357)	(3,119)
Accounting provision for electricity market prices in Spain	7,141	10,585	10,507	(2,980)	25,253	(1,153)	(4,460)	9,503	(7,385)	(3,494)
Difference between billings and revenue in assets accounted for as concessional financial assets	18,169	15,050	14,978	13,434	61,630	16,441	16,695	15,099	10,657	58,892
Income from cash grants in the US	(14,897)	(14,695)	(14,645)	(14,650)	(58,888)	(14,639)	(14,619)	(14,629)	(14,629)	(58,516)
Maintenance Capex	(2,844)	(3,614)	(7,283)	(4,847)	(18,588)	(7,630)	(12,041)	(5,067)	(3,191)	(27,929)
Dividends from unconsolidated affiliates	31,870	11,921	12,411	11,493	67,695	12,401	3,063	13,416	5,449	34,329
Net interest and income tax paid	(16,546)	(112,705)	(32,885)	(115,148)	(277,284)	(30,179)	(108,666)	(21,059)	(112,805)	(272,708)
Changes in other assets and liabilities	(5,588)	6,415	52,186	49,885	102,896	(92,980)	(8,295)	(11,516)	20,054	(92,738)
Deposits into/withdrawals from restricted accounts ¹	11,805	8,020	(20,503)	33,696	33,018	9,820	11,418	(8,813)	35,192	47,617
Change in non-restricted cash at project companies ^{1,4}	(103,116)	51,501	(135,718)	125,662	(61,672)	43,114	73,659	(98,297)	107,848	126,325
Dividends paid to non-controlling	(6,221)	(9,800)	(10,421)	(12,767)	(39,209)	(6,011)	(11,180)	(8,568)	(5,674)	(31,433)
Principal amortization of indebtedness net of new indebtedness at projects	(24,789)	(112,427)	(27,912)	(183,183)	(348,311)	(30,543)	(103,918)	(28,208)	(142,211)	(304,880)
Cash Available For Distribution (CAFD)	54,407	62,941	61,662	58,862	237,872	61,049	63,525	59,589	51,577	235,740
Dividends declared ²	50,202	51,332	51,645	51,645	204,824	51,688	51,688	51,691	51,691	206,758
# of shares ³	114,095,845	115,352,085	116,055,126	116,055,126		116,153,273	116,153,273	116,159,054	116,159,054	
DPS (in \$ per share)	0.44	0.445	0.445	0.445	1.775	0.445	0.445	0.445	0.445	1.780

 [&]quot;Deposits into/ withdrawals from restricted accounts" and "Change in non-restricted cash at project level" are calculated on a constant currency basis to reflect actual cash movements isolated from the impact of variations generated by foreign exchange changes during the period. Prior periods have been recalculated to conform to this presentation.
 Dividends are paid to shareholders in the quarter after they are declared.

Number of shares outstanding on the record date corresponding to each dividend, existence shares issued under the ATM program between the dividend declaration date and dividend record date, as applicable.

(4) Excludes decreases in project cash allocated to investments in assets under development construction.

construction.



Key Financials by Quarter (2/2)

US\$ in million											
Debt Details	1Q22	2Q22	3Q22	4Q22	2022	1Q23	2Q23	3Q23	4Q23	2023	•
Project Debt	5,037.0	4,735.5	4,621.9	4,553.1	4,553.1	4,596.6	4,438.2	4,412.1	4,319.3	4,319.3	4
Project Cash	(625.9)	(545.1)	(675.8)	(540.2)	(540.2)	(493.5)	(414.0)	(546.6)	(415.3)	(415.3)	
Net Project Debt	4,411.1	4,190.4	3,946.1	4,012.9	4,012.9	4,103.1	4,024.2	3,865.5	3,904.0	3,904.0	3,
Corporate Debt	1,056.1	1,000.1	955.5	1,017.2	1,017.2	1,077.4	1,051.2	1,046.6	1,084.7	1,084.7	1
Corporate Cash	(113.1)	(123.1)	(105.8)	(60.8)	(60.8)	(109.4)	(72.8)	(48.0)	(33.0)	(33.0)	
Net Corporate Debt	943.0	877.0	849.7	956.4	956.4	968.0	978.4	998.6	1,051.7	1,051.7	1,
Total Net Debt	5,354.1	5,067.4	4,795.8	4,969.3	4,969.3	5,071.1	5,002.6	4,864.1	4,955.7	4,955.7	5,
Net Corporate Debt / CAFD pre corporate interests ¹	3.3x	3.1x	3.0x	3.4x	3.4x	3.3x	3.4x	3.4x	3.8x	3.8x	

⁽¹⁾ Ratios presented are the ratios shown on each earnings presentation relating to such period.



Segment Financials by Quarter

Revenue US \$ in thousands	1Q22	2Q22	3Q22	4Q22	2022	1Q23	2Q23	3Q23	4Q23	2023	102
by Geography											
NORTH AMERICA	74,304	124,968	124,423	81,352	405,047	72,840	129,331	136,574	86,143	424,888	86,
SOUTH AMERICA	38,528	39,804	44,217	43,892	166,441	43,720	47,793	48,756	47,858	188,127	44,
● EMEA	134,620	143,060	134,481	118,380	530,541	125,949	134,986	118,634	107,310	486,879	112,
by Business Sector											
RENEWABLES	182,101	238,234	232,423	168,619	821,377	172,601	238,610	228,907	162,639	802,756	162,
EFFICIENT NAT. GAS & HEAT	25,327	28,091	28,526	31,647	113,591	27,403	27,407	30,164	33,443	118,417	35,
● TRANSMISSION LINES	26,620	28,234	28,425	29,994	113,273	28,831	32,167	30,827	31,651	123,476	30,
● WATER	13,404	13,273	13,747	13,364	53,788	13,674	13,927	14,066	13,579	55,245	14,
Total Revenue	247,452	307,832	303,121	243,624	1,102,029	242,509	312,110	303,964	241,311	1,099,894	242,
Adjusted EBITDA	1Q22	2Q22	3Q22	4Q22	2022	1Q23	2Q23	3Q23	4Q23	2023	1Q2
Adjusted EBITDA by Geography	1Q22	2Q22	3Q22	4Q22	2022	1Q23	2Q23	3Q23	4Q23	2023	1Qi
19 1 3 2 2 3 1 1 1 1 2 2 2 2	1Q22 58,266	2Q22 102,913	3Q22 96,981	4Q22 51,828	309,988	1Q23 51,969	2Q23 102,069	3Q23 106,646	4Q23 58,580	2023 319,264	1Q i
by Geography			_	-			_	_	-		
by Geography NORTH AMERICA	58,266	102,913	96,981	51,828	309,988	51,969	102,069	106,646	58,580	319,264	55
by Geography NORTH AMERICA SOUTH AMERICA	58,266 29,129	102,913 29,715	96,981 36,236	51,828 31,471	309,988 126,551	51,969 33,788	102,069 40,640	106,646 37,621	58,580 34,673	319,264 146,722	55
by Geography NORTH AMERICA SOUTH AMERICA EMEA	58,266 29,129	102,913 29,715	96,981 36,236	51,828 31,471	309,988 126,551	51,969 33,788	102,069 40,640	106,646 37,621	58,580 34,673	319,264 146,722	55
by Geography NORTH AMERICA SOUTH AMERICA EMEA by Business Sector	58,266 29,129 86,231	102,913 29,715 96,051	96,981 36,236 95,118	51,828 31,471 83,161	309,988 126,551 360,561	51,969 33,788 88,447	102,069 40,640 86,915	106,646 37,621 79,186	58,580 34,673 74,388	319,264 146,722 328,936	55 34 74
by Geography NORTH AMERICA SOUTH AMERICA EMEA by Business Sector RENEWABLES FFFICIENT NAT. GAS &	58,266 29,129 86,231	102,913 29,715 96,051 174,606	96,981 36,236 95,118	51,828 31,471 83,161 118,165	309,988 126,551 360,561 588,016	51,969 33,788 88,447 119,122	102,069 40,640 86,915 173,448	106,646 37,621 79,186	58,580 34,673 74,388 115,262	319,264 146,722 328,936 575,704	55 34 74 107
by Geography NORTH AMERICA SOUTH AMERICA EMEA by Business Sector RENEWABLES EFFICIENT NAT. GAS & HEAT	58,266 29,129 86,231 122,223 21,699	102,913 29,715 96,051 174,606 22,315	96,981 36,236 95,118 173,022 22,794	51,828 31,471 83,161 118,165 17,752	309,988 126,551 360,561 588,016 84,560	51,969 33,788 88,447 119,122 22,610	102,069 40,640 86,915 173,448 21,396	106,646 37,621 79,186 167,872 22,520	58,580 34,673 74,388 115,262 20,867	319,264 146,722 328,936 575,704 87,393	55 34 74 107 23



Key Performance Indicators

Capacity in opera (at the end of the period)	ation
RENEWABLES ¹	(MW)
EFFICIENT NAT. GAS & H	EAT ² (MW)
TRANSMISSION LINES	(Miles)
WATER ¹	(Mft³/day)

1Q22	2Q22	3Q22	4Q22	2022
2,044	2,048	2,121	2,121	2,121
398	398	398	398	398
1,229	1,229	1,229	1,229	1,229
17.5	17.5	17.5	17.5	17.5

1Q23	2Q23	3Q23	4Q23	2023	1Q
2,161	2,161	2,161	2,171	2,171	2,2
398	398	398	398	398	39
1,229	1,229	1,229	1,229	1,229	1,2
17.5	17.5	17.5	17.5	17.5	17

Production / Av	ailability
RENEWABLES ³	(GWh)
EFFICIENT NAT.	(GWh)4
GAS & HEAT	(availability %)5
TRANSMISSION LINES	(availability %)5
WATER	(availability %)5

1Q22	2Q22	3Q22	4Q22	2022
1,094	1,554	1,507	1,164	5,319
625	626	647	603	2,501
100.3%	99.9%	101.1%	95.1%	98.9%
99.9%	99.9%	100.0%	100.0%	100.0%
104.5%	99.9%	103.3%	101.4%	102.3%

1Q23 2Q23 3Q23 4Q23 2	2023 10
1,192 1,611 1,580 1,075 5	5,458 1,0
600 630 662 657 2	2,549 63
94.9% 99.2% 102.3% 102.1% 9	99.6% 102
100.0% 100.0% 99.9% 99.9% 1	00.0%
100.8% 100.1% 102.5% 95.2% 9	99.7% 102

⁽¹⁾ Represents total installed capacity in assets owned or consolidated at the end of the period, regardless of our percentage of ownership in each of the assets, except for Vento II, for which we have included our 49% interest.

⁽²⁾ Includes 43 MW corresponding to our 30% share in Monterrey and 55 MWt corresponding to thermal capacity from Calgary District Heating since May 14, 2021.

(3) Includes 49% of Vento II production since its acquisition. Includes curtailment in wind assets for which we receive compensation.

(4) GWh produced includes 30% share of the production from Monterrey.

(5) Availability refers to the time during which the asset was available to our client totally or partially divided by contracted or budgeted availability, as applicable.





Capacity Factors

Historic Capacity	al y Factors ¹	1Q22	2Q22	3Q22	4Q22	2022	1Q23	2Q23	3Q23	4Q23	2023	1Q24
SOLAR											"	
	US	17.2%	39.1%	32.4%	16.6%	26.3%	15.2%	42.4%	36.9%	18.5%	28.3%	17.5%
	Chile ²	25.3%	20.4%	24.6%	28.8%	24.8%	27.6%	21.4%	19.0%	18.5%	21.6%	22.2%
	Spain	7.3%	23.6%	27.9%	5.8%	16.2%	11.7%	26.9%	30.1%	7.2%	19.0%	6.7%
	Italy	12.7%	19.7%	20.0%	9.2%	15.4%	11.8%	16.9%	18.3%	8.3%	13.8%	10.5%
	Kaxu	36.9%	27.2%	28.8%	44.6%	34.4%	45.2%	21.2%	4.9%4	0.0%4	17.7%	12.9% ⁴
	Colombia	27.1%	24.0%	24.7%	23.4%	24.8%	20.6%	22.8%	27.3%	24.0%	21.7%	26.9%
WIND												
	US	38.1%	35.6%	20.3%	34.8%	32.2%	37.7%	26.4%	20.2%	31.9%	29.0%	36.4%
	Uruguay ³	34.5%	27.7%	38.2%	41.8%	35.6%	33.6%	29.4%	42.3%	46.3%	37.9%	35.4%

Capacity factor ratio represents actual electrical energy output over a given period of time divided by the maximum possible electrical energy output assuming continuous operation at full namep capacity over that period. Historical Capacity Factors are calculated from the date of entry into operation or the acquisition of each asset. Some capacity factors are not indicative of a full period of operations.

⁽²⁾ (3)

Includes Chile PV 3 since Q3 2022.

Includes curtailment production in wind assets for which we receive compensation.

Scheduled major overhaul carried out by Siemens, the original equipment manufacturer, which lasted 28 days longer than expected and a subsequent unscheduled outage.



LIQUIDITY

Liquidity Position

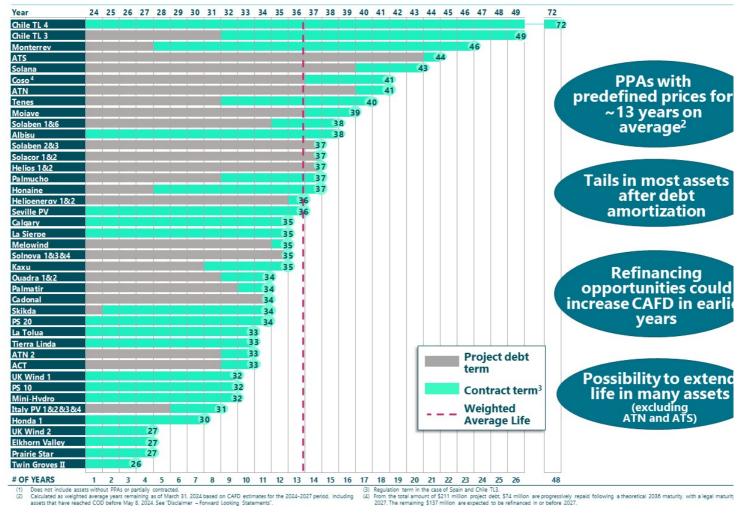
US \$ in million ¹	As of Mar. 31 2024	As of Dec. 31 2023
Corporate cash at Atlantica	46.9	33.0
Existing available revolver capacity	305.0	378.1
Total Corporate Liquidity	351.9	411.1
Total Corporate Liquidity Cash at project companies	351.9 405.2	411.1 415.3

⁽¹⁾ Exchange rates as of March 31, 2024 (EUR/USD = 1.0790) and December 31, 2023 (EUR/USD = 1.1039).
(2) Restricted cash is cash which is restricted generally due to requirements of certain project finance agreements.



LONG TERM STABLE CASH FLOW

Portfolio of Contracted Assets¹





CORPORATE DEBT DETAILS

Corporate Debt as of March 31, 2024¹

US \$ in million ¹		Maturity	Amounts ²
Credit Facilities	(Revolving Credit Facility) ³	2025	145.3
Credit racinties	(Other facilities) ⁴	2024 – 2028	54.6
Green Exchangeable Notes ⁵		2025	111.7
2020 Green Private Placement ⁶ (€ denominated)		2026	311.7
Note Issuance Facility 2020 ⁷ (€ denominated)		2027	149.1
Green Senior Notes ⁸		2028	401.3
Total			1,173.7

Exchange rates as of March 31, 2024 (EUR/USD =1.0790).
 Amounts include principal amounts outstanding, unless stated otherwise.
 As of March 31, 2024, \$305.0 million was available under the Revolving Credit Facility. The latter has a total limit of \$450 million.

Other facilities include the Commercial Paper Program, accrued interest payable and othe

 ⁽⁴⁾ Other facilities include the Commercial Paper Program, accrude interest payable and other (5) Senior unsecured notes dated July 17, 2020, exchangeable into ordinary shares of Atlantic or a combination of both, at Atlantica's election.
 (6) Senior secured notes dated April 1, 2020, of €290 million.
 (7) Senior unsecured note facility dated July 8, 2020, of €140 million.
 (8) Green Senior Unsecured Notes dated May 18, 2021, of \$400 million.



INTEREST RATE RISK COVERAGE

91% of Consolidated Debt Fixed or Hedged²

	Project Debt	
ASSET	INTEREST TYPE	FIXED ^{1,3}
Solana	fixed	100%
Mojave	fixed	100%
Coso	hedged	100%
Solaben 2	hedged	90%
Solaben 3	hedged	90%
Logrosan	hedged	100%
Solacor 1	hedged	90%
Solacor 2	hedged	90%
Helioenergy 1	hedged	99%
Helioenergy 2	hedged	99%
Solnova 1	hedged	90%
Solnova 3	hedged	90%
Solnova 4	hedged	90%
Helios 1/2	fixed	100%
Solaben 1/6	fixed	100%
Palmatir	fixed	94%
Cadonal	hedged	88%
Melowind	hedged	75%
ACT	hedged	75%
ATN	fixed	100%
ATN 2	fixed	100%
ATS	fixed	100%
Quadra 1	hedged	75%
Quadra 2	hedged	75%
Palmucho	hedged	75%
Skikda	fixed	100%
Tenes	fixed	100%
Kaxu	hedged	43%
Chile PV 1&2	hedged	80%
Rioglass	hedged	78%
Montesejo	fixed	100%
	Hedged ⁴	41.5%
	Fixed ⁴	50.0%
	Total Fixed or Hedged	91.5%

Сол	rporate Debt	
INSTRUMENT	INTEREST TYPE	MARCH 31, 202
Revolving Credit Facility (RCF)	Variable	144.5
Green Exchangeable Notes	Fixed	110.8
2020 Green Private Placement	Fixed	311.6
Note Issuance Facility 2020	Hedged (100%) ⁶	149.1
Green Senior Notes	Fixed	396.2
Other facilities ⁵	Fixed	61.5
Total Outstanding Debt		1,173.7
	Hedged ⁴	12.7%
	Fixed ⁴	75.0%
	Total Fixed or Hedged	87.7%

~88% of Corporate Debt & ~92% of Project Debt fixed or hedged¹

Calculated as the weighted average of the % of fixed or hedged corporate debt and the % of fixed or hedged project debt based on outstanding balance as of March 31, 2024.
 See our Annual Report on Form 20-F for the fiscal year ended December 31, 2023 for additional information on the specific interest rates and hedges.

⁽³⁾ Percentage fixed or hedged.
(4) Weighted average based on outstanding balance as of March 31, 2024.
(5) Other facilities include the Commercial Paper Program, accrued interest payable and other d
(6) Hedged at 100% until the end of 2024.



PROJECT DEBT DETAILS

Project Debt Amortization Schedule

No refinancing risk at the project level³

		F	ull Year				
Asset (\$ Millions)	2024	2025	2026	2027	2028	Thereafter	T
Solana	25.4	26.8	29.5	32.4	35.4	418.6	5
Mojave	37.6	38.1	39.4	40.7	36.2	279.2	4
Kaxu	26.3	26.0	29.3	31.9	34.7	85.8	
Helios 1/2	22.2	22.4	21.8	22.2	22.5	168.6	2
Solaben 1/6	14.3	15.2	15.9	16.3	17.0	101.0	1
Solaben 2/3	13.2	19.4	21.5	23.1	115.94	128.1	
Solnova 1/3/4	31.5	31.5	33.1	32.9	31.7	177.4	3
Helioenergy 1/2	19.3	20.5	19.4	20.7	23.0	132.3	3 3 2 2
Solacor 1/2	14.7	15.1	15.5	15.9	16.1	132.3	2
Chile PV 1	2.6	1.0	1.1	1.6	2.2	41.7	
Chile PV 2	1.3	1.4	2.4	2.0	2.2	11.5	
taly PV 1, 3 & 4	0.6	0.6	0.3	12	_		
Total Solar	209.0	218.0	229.2	239.7	336.9	1,676.5	2,90
Palmatir	7.0	6.6	7.0	7.5	8.0	30.2	
Cadonal	3.5	3.1	3.4	3.6	3.9	26.8	
Melowind	4.8	5.0	5.1	4.8	5.7	40.8	
Total Wind	15.3	14.7	15.5	15.9	17.6	97.8	17
ATN	6.1	6.4	6.9	7.3	6.7	48.2	
ATS	12.0	8.3	9.5	10.7	12.1	332.0	3
ATN 2	5.0	5.1	5.4	5.4	5.6	14.2	
Quadra 1/2 & Palmucho	5.5	6.1	6.6	7.3	8.0	20.7	
Total Transmission	28.6	25.9	28.4	30.7	32.4	415.1	56
Skikda	2.6	12	_	(2)	_	_	
lenes lenes	8.6	8.6	8.9	9.3	9.6	28.7	
otal Water	11.2	8.6	8.9	9.3	9.6	28.7	
Coso	14.6	14.2	14.7	145.15	1	2	1
ACT	39.2	42.3	54.6	59.0	68.0	138.4	4
Rioglass CSP	2.4	1.6	1.2	0.3	0.1		
Total Other	56.2	58.1	70.5	204.4	68.1	138.4	59
Total Non-Recourse Project Debt	320.3	325.3	352.5	500.0	464.6	2,356.5	4,3

Project debt amortization schedule as of December 31, 2023.
 Not including unconsolidated affiliates.
 Only 5% of our project debt needs to be refinanced by 2027/2028, which corresponds to the two tranches in (4) and (5).

⁽⁴⁾ Includes \$87.2 million tranche mini-perm structure to be refinanced in (5) Includes \$140 million tranche mini-perm structure to be refinanced in

NON-GAAP FINANCIAL INFORMATION



Reconciliation of Non-GAAP Measures

- Our management believes Adjusted EBITDA, CAFD, CAFD per share and enterprise value to EBITDA are useful to investors and other users of our finance statements in evaluating our operating performance because such measures provide investors with additional tools to compare business performance across periods. Adjusted EBITDA is widely used by investors to measure a company's operating performance without regard to items such interest expense, taxes, depreciation and amortization, which can vary substantially from company to company depending upon accounting methods and be value of assets, capital structure and the method by which assets were acquired. Our management believes CAFD and CAFD per share are relevant supplemen measure of the Company's ability to earn and distribute cash returns to investors and is useful to investors in evaluating our operating performance because curities analysts and other interested parties use such calculations as a measure of our ability to make quarterly distributions. In addition, CAFD and CAFD per share are used by our management team for determining future acquisitions and managing our growth. Our management uses Adjusted EBITDA, CAFD and CAFD per share as measures of operating performance to assist in comparing performance from period to period and aims to use them on a consistent be moving forward. They also readily view operating trends as a measure for planning and forecasting overall expectations, for evaluating actual results again such expectations, and for communicating with our board of directors, shareholders, creditors, analysts and investors concerning our financial performan Adjusted EBITDA, CAFD and CAFD per share are widely used by other companies in the same industry.
- Our management believes enterprise value to EBITDA is a useful valuation tool widely used by investors when evaluating transactions as it compares t investment's value to its earnings before interest, taxes depreciation and amortization.
- We present non-GAAP financial measures because we believe that they and other similar measures are widely used by certain investors, securities analysts a other interested parties as supplemental measures of performance and liquidity. The non-GAAP financial measures may not be comparable to other simila titled measures employed by other companies and they may have limitations as analytical tools. These measures may not be fit for isolated consideration or a substitute for analysis of our operating results as reported under IFRS as issued by the IASB. Non-GAAP financial measures and ratios are not measurements our performance or liquidity under IFRS as issued by the IASB. Thus, they should not be considered as alternatives to operating profit, profit for the period, a other performance measures derived in accordance with IFRS as issued by the IASB, any other generally accepted accounting principles or as alternatives to careflow from operating, investing or financing activities. Some of the limitations of these non-GAAP measures are:
 - · they do not reflect our cash expenditures, future requirements for capital expenditures or contractual commitments;
 - · they do not reflect changes in, or cash requirements for, our working capital needs;
 - they may not reflect the significant interest expense, or the cash requirements necessary, to service interest or principal payments, on our debts;
 - although depreciation and amortization are non-cash charges, the assets being depreciated and amortized will often need to be replaced in the future and Adjusted EBITDA, CAFD, CAFD per share and enterprise value to EBITDA do not reflect any cash requirements that would be required for su replacements;
 - some of the exceptional items that we eliminate in calculating Adjusted EBITDA reflect cash payments that were made, or will be made in the future; ar
 - the fact that other companies in our industry may calculate Adjusted EBITDA, CAFD, CAFD per share and enterprise value to EBITDA differently than do, which limits their usefulness as comparative measures.
- We define Adjusted EBITDA as profit/(loss) for the period attributable to the parent company, after previously adding back loss/(profit) attributable to not controlling interest, income tax expense, financial expense (net), depreciation, amortization and impairment charges of entities included in our consolidate financial statements and depreciation and amortization, financial expense and income tax expense of unconsolidated affiliates (pro-rata of our equipments). CAFD is calculated as cash distributions received by the Company from its subsidiaries minus cash expenses of the Company, including debt serviced and administrative expenses, plus realized dispositions, gains and losses of ownership interest in assets. CAFD per share is calculated by dividitional CAFD for the period by weighted average number of shares for the period.

Atlantic Sustainable Infrastruct

NON-GAAP FINANCIAL INFORMATION

Reconciliation of Non-GAAP Measures

- We define enterprise value to EBITDA as an investment's enterprise value divide by its earnings before interest, taxes, depreciation and amortization.
- Information presented as the pro-rata share of our unconsolidated affiliates reflects our proportionate ownership of each asset in our property portfolio that do not consolidate and has been calculated by multiplying our unconsolidated affiliates' financial statement line items by our percentage ownership there Note 7 to our consolidated financial statements as of and for the period ended March 31, 2024 includes a description of our unconsolidated affiliates and or pro rata share thereof. We do not control the unconsolidated affiliates. Multiplying our unconsolidated affiliates' financial statement line items by our percentage ownership may not accurately represent the legal and economic implications of holding a noncontrolling interest in an unconsolidated affiliate. We include perata share of depreciation and amortization, financial expense and income tax expense of unconsolidated affiliates because we believe it assists investors estimating the effect of such items in the profit/(loss) of entities carried under the equity method (which is included in the calculation of our Adjusted EBITE based on our economic interest in such unconsolidated affiliates. Each unconsolidated affiliate may report a specific line item in its financial statements in different manner. In addition, other companies in our industry may calculate their proportionate interest in unconsolidated affiliates differently than we infiniting the usefulness of such information as a comparative measure. Because of these limitations, the information presented as the pro-rata share of our unconsolidated affiliates should not be considered in isolation or as a substitute for our or such unconsolidated affiliates' financial statements as reported unapplicable accounting principles.



Reconciliation of CAFD and Adjusted EBITDA to Profit for the period attributable to the Company

(in thousands of U.S. dollars)	For the three-month March 3	
	2024	2023
Loss for the period attributable to the Company	(5,392)	(10,99
Profit attributable to non-controlling interest	6	5,0
Income tax	(22,620)	(9,65
Depreciation and amortization, financial expense and income tax expense of unconsolidated affiliates (pro rata of our equity ownership)	5,563	5,6
Financial expense, net	79,626	80,4
Depreciation, amortization, and impairment charges	107,036	103,7
Adjusted EBITDA	164,219	174,2
Atlantica's pro-rata share of EBITDA from unconsolidated affiliates	(12,514)	(11,79
Non-monetary items	(17,984)	6
Accounting provision for electricity market prices in Spain	(13,098)	(1, 1.
Difference between billings and revenue in assets accounted for as concessional financial assets	9,662	16,4
Income from cash grants in the US	(14,548)	(14,6.
Maintenance Capex	(2,391)	(7,63
Dividends from equity method investments	14,922	12,4
Net interest and income tax paid	(26,738)	(30,17
Changes in other assets and liabilities	(39,371)	(92,98
Deposits into/ withdrawals from restricted accounts ¹	(7,424)	9,8
Change in non-restricted cash at project level ^{1,2}	8,639	43,1
Dividends paid to non-controlling interests	(5,558)	(6,01
Debt principal repayments	(24,879)	(30,54
Cash Available For Distribution	50,921	61,0

 [&]quot;Deposits into/ withdrawals from restricted accounts" and "Change in non-restricted cash at project level" are calculated on a constant currency basis to reflect actual cash movements isolated from the impact of variations generated by foreign exchange changes during the period.
 Excludes decreases in project cash allocated to investments in assets under development and construction.



Reconciliation of Adjusted EBITDA to Net Cash Provided by Operating Activities

(in thousands of U.S. dollars)	For the three-month period ended March 31			
	2024	2023		
Net cash provided by operating activities	65,583			
Net interest and income tax paid	26,738	30,17		
Changes in working capital	41,064	93,26		
Non-monetary items & other	18,320	(2,74		
Atlantica's pro-rata share of EBITDA from unconsolidated affiliates	12,514	11,79		
Adjusted EBITDA	164,219	174,20		

Reconciliation of CAFD to CAFD per share

	For the three-month March 3	-
	2024	2023
CAFD (in thousands of U.S. dollars)	50,921	61,04
Weighted average number of shares (basic) for the period (in thousands)	116,159	116,14
CAFD per share (in U.S. dollars)	0.4384	0.52!



Reconciliation of EBITDA to Net Income for Acquisition of **Wind Assets in United Kingdom**

(in thousands of U.S. dollars) ²	Financial	Average		
	2023	2022	2023 – 2022	
Net Income	5,539	6,142	5,841	
Income tax	1,748	1,483	1,615	
Interest payable and other financial expenses	714	682	698	
Depreciation and amortization	1,752	1,779	1,765	
EBITDA	9,753	10,086	9,919	
(in thousands of U.S. dollars) ²				
Total investment (100% ownership)			65,680	
EV/EBITDA Multiple			6.6x	

⁽¹⁾ Based on unaudited financial statements for financial years as historically reported from November to October of every twelve months.
(2) Transaction originally in GBP, assuming FX as of closing date (1.2601 GBP/USD).



AT A GLANCE

Sizeable and Diversified Asset Portfolio

As of May 8, 2024	ASSET	TYPE	STAKE	LOCATION	GROSS CAPACITY	OFFTAKER	RATING ¹	YEARS IN CONTRACT LEFT ⁷	CU
	Solana		100%	USA (Arizona)	280 MW	APS	BBB+/Baa1/BBB+	20	
	Mojave		100%	USA (California)	280 MW	PG&E	BB/Ba1/BB+	16	
	Coso	SI	100%	USA (California)	135 MW	SCPPA & two CCAs ⁴	Investment grade ⁴	18	
	Elkhorn Valley ⁸	_	49%	USA (Oregon)	101 MW	Idaho Power Company	BBB/Baa1/	4	
	Prairie Star ⁸	_	49%	USA (Minnesota)	101 MW	Great River Energy	/A3/A-	4	
	Twin Groves II ⁸	_	49%	USA (Illinois)	198 MW	Exelon Generation Co.	BBB+/Baa1/	2	
	Lone Star II ⁸	_	49%	USA (Texas)	196 MW	n/a	n/a	n/a	
	Chile PV 1		35%	Chile	55 MW	n/a	n/a	n/a	
	Chile PV 2		35%	Chile	40 MW	n/a	Not rated	7	
RENEWABLE	Chile PV 3		35%	Chile	73 MW	n/a	n/a	n/a	
ENERGY	La Sierpe		100%	Colombia	20 MW	Coenersa ⁶	Not rated	12	
	La Tolua	۰	100%	Colombia	20 MW	Coenersa ⁶	Not rated	9	
	Tierra Linda		100%	Colombia	10 MW	Coenersa ⁶	Not rated	9	
	Honda 1		50%	Colombia	10 MW	Enel Colombia	BBB-//BBB	7	
	Albisu		100%	Uruguay	10 MW	Montevideo Refrescos	Not rated	14	
	Palmatir	_	100%	Uruguay	50 MW	UTE	BBB+/Baa1/BBB ²	10	
	Cadonal	_	100%	Uruguay	50 MW	UTE	BBB+/Baa1/BBB ²	11	
	Melowind	人	100%	Uruguay	50 MW	UTE	BBB+/Baa1/BBB ²	12	
	Mini-Hydro	*	100%	Peru	4 MW	Peru	BBB-/Baa1/BBB	9	
	Solaben 2/3		70%	Spain	2x50 MW	Kingdom of Spain	A/Baa1/A-	13/14	
	Solacor 1/2	۰	87%	Spain	2x50 MW	Kingdom of Spain	A/Baa1/A-	13/13	

⁽¹⁾ Reflects the counterparties' issuer credit ratings issued by S&P, Moody's and Fitch, respectively, as of May 8, 2024.
(2) It refers to the credit rating of Uruguay, as UTE is unrated.
(3) USD denominated but payable in local currency.
(4) Refers to the credit rating of two Community Choice Aggregators: Silicon Valley Clean Energy and Monterrey Bay Community Power, both with A rating from S&P; Southern California Public Power Authority, the third off-taker, is not rated.

⁽⁵⁾ Gross cash in euros dollarized through currency hedges.
(6) Largest electricity wholesaler in Colombia.
(7) As of March 31, 2024.
(8) Part of Vento II portfolio.

Atlantic

AT A GLANCE

Sizeable and Diversified Asset Portfolio

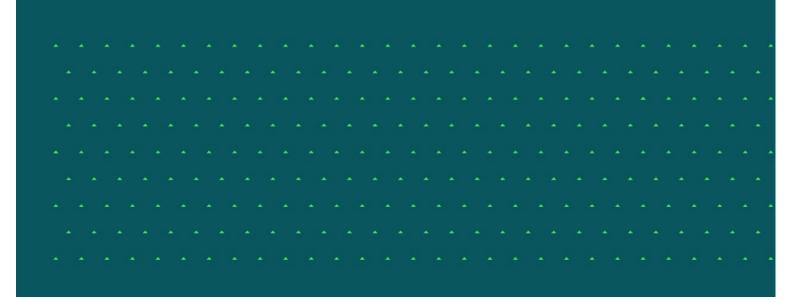
As of May 8, 2024	ASSET	TYPE	STAKE	LOCATION	GROSS CAPACITY	OFFTAKER	RATING ¹	YEARS IN CONTRACT LEFT ⁶
	PS 10/20	۰	100%	Spain	31 MW	Kingdom of Spain	A/Baa1/A-	8/10
	Helioenergy 1/2	۰	100%	Spain	2x50 MW	Kingdom of Spain	A/Baa1/A-	13/13
	Helios 1/2		100%	Spain	2x50 MW	Kingdom of Spain	A/Baa1/A-	13/13
	Solnova 1/3/4	۰	100%	Spain	3x50 MW	Kingdom of Spain	A/Baa1/A-	11/11/11
	Solaben 1/6		100%	Spain	2x50 MW	Kingdom of Spain	A/Baa1/A-	14/14
RENEWABLE	Seville PV	۰	80%	Spain	1 MW	Kingdom of Spain	A/Baa1/A-	12
ENERGY ENERGY	Italy PV 1	۰	100%	Italy	1.6 MW	Italy	BBB/Baa3/BBB	7
	Italy PV 2	۰	100%	Italy	2.1 MW	Italy	BBB/Baa3/BBB	7
	Italy PV 3		100%	Italy	2.5 MW	Italy	BBB/Baa3/BBB	8
	Italy PV 4		100%	Italy	3.6 MW	Italy	BBB/Baa3/BBB	7
	UK Wind 1	_	100%	United Kingdom	25 MW	United Kingdom	AA / Aa3 / AA-	9
	UK Wind 2	_	100%	United Kingdom	8 MW	United Kingdom	AA / Aa3 / AA-	4
	Kaxu	۰	51%	South Africa	100 MW	Eskom	BB-/Ba2/BB-2	11
EFFICIENT NAT.	Calgary	////	100%	Canada	55 MWt	22 High quality clients ³	~60% AA- or higher ³	12
GAS & HEAT	ACT	+	100%	Mexico	300 MW	Pemex	BBB/B3/B+	9
	ATN	#	100%	Peru	379 miles	Peru	BBB-/Baa1/BBB	17
	ATS	#	100%	Peru	569 miles	Peru	BBB-/Baa1/BBB	20
TRANSMISSION	ATN 2	#	100%	Peru	81 miles	Minera Las Bambas	Not rated	9
LINES	Quadra 1/2	#	100%	Chile	49 miles / 32 miles	Sierra Gorda	Not rated	11/11
	Palmucho	#	100%	Chile	6 miles	Enel Generacion Chile	BBB/-/BBB+	14
	Chile TL 3	#	100%	Chile	50 miles	CNE	A/A2/A-	n/a
	Chile TL 4	#	100%	Chile	63 miles	Several Mini-hydro plants	Not rated	48
	Skikda	۵	34%	Algeria	3.5 Mft ³ /day	Sonatrach & ADE	Not rated	10
WATER	Honaine	•	26%	Algeria	7 Mft ³ /day	Sonatrach & ADE	Not rated	13
	Tenes	•	51%	Algeria	7 Mft³/day	Sonatrach & ADE	Not rated	16

Reflects the counterparties' issuer credit ratings issued by S&P, Moody's and Fitch, respectively, as of May 8, 2024.
 It refers to the credit rating of the Republic of South Africa.
 Diversified mix of 22 high credit quality clients (~60% AA- rating or higher, the rest unrated).

⁽⁴⁾ Gross cash in euros dollarized through currency hedges. (5) USD denominated but payable in local currency. (6) As of March 31, 2024.



Great West House, GW1, 17th floor, Great West Road Brentford TW8 9DF London (United Kingdom)



SIGNATURES

By:

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Atlantica Sustainable Infrastructure plc

Date: May 8, 2024

/s/ Santiago Seage

Name: Santiago Seage
Title: Chief Executive Officer