



April 5, 2023

MARIO PEREIRA
ENTIDADE REGULADORA DOS SERVICOS ENERGETICO (ERSE)
EDIFICIO RESTELO
R D.CRISTOVAO DA GAMA N1 3 ANDAR
LISBOA, 1400-113
Portugal

Re: Bloomberg Datalicense

Dear Customer:

Please be advised that CUSIP, CINS and CGS ISIN securities identification data ("CGS Data") are proprietary to CUSIP Global Services ("CGS") and the American Bankers Association. We are obligated to report to CGS those of our customers that receive such data for CUSIP, CINS, or CGS ISINs for more than 500 securities in any one month. These reports include basic corporate entity information, including the customer entity name, address, and the number of distinct data requests at the entity level. Additionally, we have been asked to remind our customers that we may be required to discontinue your access to CGS Data if CGS advises us that you require a direct agreement with CGS and it has not been executed.

Please contact your Bloomberg Sales Representative for further information.

Thank you in advance for your cooperation in this matter. Please contact us if you should have any additional questions.

Sincerely,

Jacqueline Messina
Bloomberg L.P.

The BLOOMBERG TERMINAL service and Bloomberg data products (the "Services") are owned and distributed by Bloomberg Finance L.P. ("BFLP") except (i) in Argentina, Australia and certain jurisdictions in the Pacific islands, Bermuda, China, India, Japan, Korea and New Zealand, where Bloomberg L.P. and its subsidiaries ("BLP") distribute these products, and (ii) in Singapore and the jurisdictions serviced by Bloomberg's Singapore office, where a subsidiary of BFLP distributes these products. BLP provides BFLP and its subsidiaries with global marketing and operational support and service. The following are trademarks and service marks of BFLP, a Delaware limited partnership, or its subsidiaries: BLOOMBERG, BLOOMBERG ANYWHERE, BLOOMBERG MARKETS, BLOOMBERG NEWS, BLOOMBERG PROFESSIONAL, BLOOMBERG TERMINAL and BLOOMBERG.COM. Absence of any trademark or service mark from this list does not waive Bloomberg's intellectual property rights in that name, mark or logo. All rights reserved.

PER SECURITY SCHEDULE OF SERVICES TO BLOOMBERG DATALICENSE AGREEMENT

LICENSOR:	BLOOMBERG FINANCE L.P.	ACCOUNT No:	30573670
LICENSEE:	ENTIDADE REGULADORA DOS SERVICOS ENERGETICO (ERSE)	ORDER No:	26770062
DIVISION:	Buyside	ORDER DATE:	21-Mar-2023
DELIVERY ADDRESS:	BILLING ADDRESS:		
ENTIDADE REGULADORA DOS SERVICOS ENERGETICO (ERSE)	ENTIDADE REGULADORA DOS SERVICOS ENERGETICO (ERSE)		
EDIFICIO RESTELO	EDIFICIO RESTELO		
R D.CRISTOVAO DA GAMA N1 3 ANDAR	R D.CRISTOVAO DA GAMA N1 3 ANDAR		
LISBOA	LISBOA		
(City)	(City)	1400-113	1400-113
(State/Province)	(State/Province)	(Postal Code)	(Postal Code)
PORTUGAL	PORTUGAL		
USER CONTACT:	BILLING CONTACT:		
MARIO PEREIRA	MARIO PEREIRA	351-91-113-9239	351-91-113-9239

Licensor and Licensee are parties to a **BLOOMBERG BULK DATALICENSE AGREEMENT, BLOOMBERG PER SECURITY DATALICENSE AGREEMENT** or **BLOOMBERG DATALICENSE AGREEMENT** Number **3168334** (the "Agreement"), which sets forth the terms and conditions under which Licensor provides to Licensee the Services described therein. Capitalized terms which are not defined herein shall have the meanings stated in the Agreement. In case of any conflict between this Schedule and the Agreement, the terms of this Schedule shall govern.

The Per Security Schedule of Services was formerly called the "Master Data Schedule of Services" or "Master Data Schedule" and may be referred to as such in other agreements entered into by the parties.

TERMS AND CONDITIONS

1. DEFINED TERMS

- "Fee Appendix" means the fee appendix attached hereto as setting forth the prices charged by Licensor for the provision of Data to Licensee (as such appendix may be amended and updated by Licensor from time to time as set forth in this Schedule).
- "Licensee Affiliate", for the purpose of this Schedule, means an entity that is and continues to be Controlled (as defined below) by Licensee. "Control" means direct or indirect ownership of a majority of the voting securities and/or economic interests of an entity and the power to appoint, directly or indirectly, the majority of the management of such entity.
- "Licensee Enterprise", for the purpose of this Schedule, means Licensee and Licensee Affiliates.
- "Related Persons" means all employees, temporary workers and individual contractors of the Licensee Enterprise.
- "Request Services" means the delivery modes for Data made available by Licensor from time to time. As of the date hereof, the Request Services consist of Scheduled, Ad Hoc and Bulk, each as described in the Fee Appendix.

2. TERM

- This Schedule shall be effective from the date accepted by Licensor (the "Effective Date") and shall remain in full force and effect until the date that is two years from the date any Services under this Schedule are first provided to Licensee (the "Schedule Term") unless earlier terminated in accordance with its terms.
- This Schedule shall automatically renew for successive two-year periods unless Licensor or Licensee elects not to renew this Schedule by giving the other party not less than 60 days' written notice prior to the end of the Schedule Term or any renewal thereof. If this Schedule is renewed for any additional period beyond the initial Schedule Term, the charges payable under this Schedule for such renewal period (including, but not limited to, charges payable pursuant to the Fee Appendix and/or paragraph 3 hereof) shall be calculated at the prevailing rates then offered by Licensor, and this Schedule and the Fee Appendix shall be considered to be amended accordingly. Notwithstanding the foregoing, if Licensee breaches any of the provisions of this Schedule, any other Schedule or the Agreement, Licensor may terminate this Schedule immediately upon written notice to Licensee. Licensee may terminate this Schedule at any time upon not less than 60 days' prior written notice to Licensor and upon payment of the charges set forth in paragraph 3 hereof.
- Licensee shall delete and purge Data (or ensure that Data is deleted and purged, as applicable) pursuant to paragraph 9 of the Agreement (as if the Agreement itself had been terminated) in the following circumstances: (i) if this Schedule is

Account: 30573670 Agreement: 3168334 Order: 26770062 DT: 5274 CI: BFLP Pg 1 of 20 PerSecSchG+ 01/01/23



terminated for any reason, Licensee shall delete or purge any and all Data received under this Schedule; (ii) if a subscription to a Bulk file is terminated for any reason, Licensee shall delete or purge any and all Data received pursuant to such Bulk subscription; and (iii) if at any time an entity no longer satisfies the definition of Licensee Affiliate, Licensee shall ensure that such entity deletes or purges any and all Data received under this Schedule (and, for the avoidance of doubt, this Schedule shall be deemed terminated with respect to such entity). Notwithstanding anything to the contrary in the Agreement, Licensee may not use any Data that Licensee is permitted to retain pursuant to paragraph 9 of the Agreement to comply with or fulfill any ongoing regulatory requirements or obligations other than those related to Licensee's or a Licensee Affiliate's use of the Data during the Schedule Term or any renewal thereof. Scheduled, Ad Hoc and Bulk are each as described in the Fee Appendix.

(c) The following paragraphs shall survive the termination of this Schedule: 2(c), 2(d), 3(a), 3(c), 3(d), 4(b), 4(c), 4(e) and 6.

3. CHARGES

- (a) Upon presentation of an invoice, Licensee shall pay Licensor the amounts indicated thereon, which shall be based on the amount and type of Data provided to Licensee during the applicable billing period and calculated in accordance with the Fee Appendix (the "Data Fees"). The Data Fees shall commence on the earlier of the date that (i) any Services under this Schedule are first provided to Licensee or (ii) is three (3) months from the Effective Date. All amounts displayed on this Schedule are in U.S. dollars.
- (b) Notwithstanding anything to the contrary in the Agreement or this Schedule, Licensor or an affiliate of Licensor may introduce or remove available types of Data, other Services and/or Request Services. Licensee shall be deemed to agree to Licensor's and/or its affiliates' then-current prices for a new type of Data, other Service and/or Request Service upon a request for the new type of Data, other Service and/or Data pursuant to the new Request Service, as applicable.
- (c) If this Schedule is terminated pursuant to paragraph 2 hereof, without limiting Licensor's other rights, Licensee shall be liable for all amounts payable pursuant to this Schedule through the date of termination and any termination charges set forth in the Fee Appendix.
- (d) Licensor's charges payable hereunder do not include fees for Additional Data (as defined below) or applicable taxes. All applicable taxes, including, without limitation, sales tax, VAT, GST and similar taxes, shall be in addition to the charges for the Services and shall be the responsibility of Licensee. If tax-exempt, a copy of the State/Foreign Tax Exempt Certificate must be submitted upon signing this Schedule.

4. GENERAL PROVISIONS

- (a) Licensee shall be responsible for determining the applicable Request Service for all Data that Licensee requests and acknowledges that certain Data may not be available through all Request Services. Further, certain Data and/or Services may not be made available under this Schedule as of the Effective Date of this Schedule. Delivery of the Services shall be made to Licensee at the address set forth herein. If Licensee wishes to access Data from multiple locations, Licensee shall enter into a separate Schedule for each such location. In addition, Licensee shall enter into a separate Schedule for each division (buy-side, sell-side, custody, or other business unit) of the Licensee Enterprise (each, a "Division") that Licensee wishes to access or use any Data provided under this Schedule; provided that Licensor may (i) elect not to permit access or use of the Data by another Division or (ii) require Licensee to enter into additional documentation for access or use of the Data by another Division. Notwithstanding anything to the contrary in the Agreement or this Schedule, the Data provided under this Schedule may be accessed and used only by the Division specified above.
- (b) Subject to the terms of this Schedule (including paragraph 4(a)) and the Agreement, Licensee may permit Licensee Affiliates to use the Data provided under this Schedule. Licensee shall comply with this Schedule and the Agreement and shall cause each Licensee Affiliate and Related Person that has access to or uses the Data or Services as permitted by this Schedule and the Agreement to comply with this Schedule and the Agreement as though such Licensee Affiliate or Related Person were "Licensee" hereunder. A Licensee Affiliate's or Related Person's failure to comply with this Schedule or the Agreement shall constitute a breach of this Schedule or the Agreement by Licensee.
- (c) If Licensee or any Licensee Affiliate uploads or otherwise provides to Licensor and/or its affiliates data for use in connection with any Service provided under this Schedule (any such data, "Custom Data"), Licensee shall be deemed to represent, warrant and covenant to Licensor and its affiliates that Licensee (and each such Licensee Affiliate) has all requisite legal and contractual authority to upload or otherwise provide to Licensor and its affiliates the Custom Data for such use. Notwithstanding anything to the contrary in the Agreement and without limiting Licensee's other indemnification obligations under the Agreement, Licensee shall indemnify and hold harmless Licensor and its affiliates against any loss, claim or expense (including reasonable attorneys' fees) suffered by Licensor and/or its affiliates as a result of (i) Licensee's or any Licensee Affiliate's provision of Custom Data to Licensor or an affiliate of Licensor or (ii) Licensor's or its affiliates' use of Custom Data as permitted by this Schedule. Notwithstanding anything to the contrary in the Agreement, Licensor's indemnification obligation in the Agreement shall not apply to Custom Data.
- (d) Licensee acknowledges that it shall be required to have a separate Schedule under the same Account as this Schedule licensing BVAL Data (as defined in such Schedule) (the "BVAL Schedule") in order for certain BVAL Data to be used as an input for derived fields, and agrees its receipt and use of any such derived fields shall be subject to Licensee's obligations (including all representations and warranties) with respect to such BVAL Data set forth in the BVAL Schedule. If Licensee has

Account: 30573670 Agreement: 3168334 Order: 26770062 DT: 5274 Cl: BFLP Pg 2 of 20 PerSecSchG+ 01/01/23



the BVAL Schedule, notwithstanding anything to the contrary herein, all BVAL prices shall be governed by and billed in accordance with the BVAL Schedule. BVAL Data is not available in all jurisdictions.

- (e) **Nothing in the Services shall constitute or be construed as an offering of financial instruments or as investment advice or investment recommendations (i.e., recommendations as to whether or not to “buy”, “sell”, “hold”, or to enter or not to enter into any other transaction involving any specific interest or interests) by Licensor or its affiliates or a recommendation as to an investment or other strategy by Licensor or its affiliates. No aspect of the Services is based on the consideration of Licensee's individual circumstances, and data and other information available via the Services should not be considered as information sufficient upon which to base an investment decision. Licensor and its affiliates do not express an opinion on the future or expected value of any security or other interest and do not explicitly or implicitly recommend or suggest an investment strategy of any kind. The Services are not and shall not be construed as tax, accounting, legal or regulatory advice or opinions, or sufficient to satisfy any tax, accounting, legal or regulatory requirements. Licensee is solely responsible for the selection and use of appropriate parameters, inputs, models, formulas and data for meeting its tax, accounting, legal or regulatory requirements. Without limiting the foregoing, Licensee acknowledges and agrees that the Services may include indices, rates or other values (collectively, “Values”) that could be considered ‘benchmarks’ under the EU benchmark regulation and/or similar regulation (collectively, “BMR”) if used in a regulated manner. Licensee shall not use such Values in any manner that could be construed as regulated ‘use’ as a benchmark under the BMR (including to determine the value of financial instruments, to measure the performance of an investment fund for the purpose of tracking the return of such Value, to define the asset allocation of a portfolio, or to compute performance fees) unless such use is in accordance with applicable law, rules and regulations, including that the provider of such Values is an authorized or registered administrator of such Values under the BMR. Licensee acknowledges and agrees that (1) of Licensor and its affiliates, only Bloomberg Index Services Limited (BISL) is an authorized or registered administrator of such Values under the BMR and (2) BISL and Additional Data providers of such Values may require direct licensing with Licensee depending on Licensee's use.**
- (f) Licensee shall comply with all restrictions and requirements regarding use, display, distribution or otherwise imposed by Additional Data providers (as such restrictions and requirements may change from time to time) with respect to data and information Licensee receives from such Additional Data providers under this Schedule. For the avoidance of doubt, all provisions in the Agreement regarding data and information sourced from Additional Data providers shall apply to all such data and information received under this Schedule. “Additional Data” shall have the meaning set forth in the Agreement or if not defined therein, then shall mean data and information sourced from exchanges and other third-party information providers (other than Licensor and/or its affiliates), in each case that is included in Data.

5. TESTING SERVICES

- (a) Licensor or an affiliate of Licensor may, in its sole discretion, provide certain Data to Licensee for testing purposes (“Beta Data”). All Data shall be considered to be production data (i.e., not Beta Data) unless otherwise identified by Licensor as “beta” data (e.g., data identified as “beta” in the applicable billing class field of an invoice).
- (b) Licensee shall use Beta Data only for internal testing and/or internal development purposes, and shall not use Beta Data in a production environment. For the avoidance of doubt, Licensee shall not use Beta Data to calculate risk or “mark-to-market” in a production environment and Licensee shall not redistribute any Beta Data. Beta Data shall be a part of the Services and, without limiting the effect of paragraphs 3(b) and 10(b) of the Agreement, Licensor shall not impose any additional fees for Beta Data (if used only as provided in this paragraph 5(b)).

6. MISCELLANEOUS

This Schedule, including any attachments thereto, and any modifications, waivers or notifications relating thereto, may be executed and delivered by electronic mail, or other electronic means, including via a website designated by Licensor by completing the procedures specified on that website, and any such execution shall constitute the final agreement of the parties and conclusive proof of such agreement, and shall be deemed to be in writing and to have the same effect as if signed manually. Licensee agrees that it has the ability to store the information delivered to Licensee electronically such that it remains accessible to Licensee in an unchanged form.

Contract Manager

For the purposes of article 290-A of the Public Contracts Code, the first party (ERSE) appoints as contract managers the collaborators _____ and _____.



Agreed to by:
ENTIDADE REGULADORA DOS SERVICOS ENERGETICO (ERSE)

Company Name

Pedro
Verdelho

Digitally signed by Pedro Verdelho
DN: c=PT, title=Presidente do Conselho de
Administração, ou=Ministério do Ambiente e
da Ação Climática, o=Entidade Reguladora
dos Serviços Energéticos, sn=Verdelho,
givenName=Pedro, cn=Pedro Verdelho
Date: 2023.05.27 22:30:06 +01'00'

Signature (Duly authorized signatory, officer, partner or proprietor)

Ricardo
Loureiro

Digitally signed by Ricardo Loureiro
DN: c=PT, title=Vogal do Conselho de
Administração, ou=Conselho de
Administração, o=Entidade Reguladora
dos Serviços Energéticos, sn=Loureiro,
givenName=Ricardo, cn=Ricardo Loureiro
Date: 2023.06.01 15:26:50 +01'00'

Name (Please type or print)

Title (Please type or print)

Date

The following are trademarks and service marks of Bloomberg Finance L.P., a Delaware limited partnership, or its subsidiaries: BLOOMBERG, BLOOMBERG ANYWHERE, BLOOMBERG MARKETS, BLOOMBERG NEWS, BLOOMBERG PROFESSIONAL, BLOOMBERG TERMINAL and BLOOMBERG.COM. Absence of any trademark or service mark from this list does not waive Bloomberg's intellectual property rights in that name, mark or logo. All rights reserved. 600159172.56

Agreed to by:
BLOOMBERG FINANCE L.P.
By: BLOOMBERG (GP) FINANCE LLC,
General Partner

Signature of Authorized Signatory

Date



PER SECURITY SCHEDULE OF SERVICES TO BLOOMBERG DATA LICENSE AGREEMENT
FEE APPENDIX

General Terms and Fees

- 1) The minimum monthly fee under this Schedule (the "Monthly Minimum") shall be \$1,000.
- 2) Licensors may give Licensee the benefit of reducing and/or re-allocating certain fees payable under this Schedule if Licensee and/or any affiliate of Licensee in the same Licensors firm number request the same Data for use in the Division specified in this Schedule ("Optimization"). Licensee acknowledges that any Optimization shall be subject to and in accordance with Licensors standard practices, and that Optimization may not apply to all types of Data or Data Categories (as defined below) and/or across different Request Services. Licensee shall notify Licensors in writing if it does not wish to participate in Optimization for this Schedule, in which event Licensee may thereafter participate in Optimization only on renewal of this Schedule with no less than sixty (60) days' prior written notice to Licensors.
- 3) The Data Fees shall be billed monthly in arrears. All amounts displayed on this Fee Appendix are in U.S. dollars.
- 4) If this Schedule is terminated for any reason prior to completion of a Schedule Term, without limiting Licensors other rights, Licensee shall be liable for all amounts payable pursuant to this Schedule for Data requested on an Ad Hoc and/or Scheduled basis through the date of termination and an early termination charge equal to the number of months remaining in the then-current Schedule Term multiplied by 50% of the average monthly Data Fees owed to Licensors either (a) during the three-month period immediately preceding the date of termination or (b) if this Schedule was billable for fewer than three months, then during such shorter period.
- 5) For Data requested on an Ad Hoc or Scheduled basis (excluding any Data requested from the BVAL (Direct Observations) Data Category), if Licensee makes (or, if applicable under Optimization, Licensee and its affiliates together make) more than one request per security per day for a given Data Category and Asset Type(if applicable) in a calendar month, each additional request will be charged the applicable Access Fee set forth in the Ad Hoc Fee Tables or the Scheduled Fee Tables. The Access Fee for Data requested hereunder from the BVAL (Direct Observations) Data Category shall be calculated as described in the BVAL (Direct Observations) Fee Tables.
- 6) For purposes of this Fee Appendix, "Asset Type" and "Data Category" mean the asset types and data categories identified in the Ad Hoc Fee Tables, Scheduled Fee Tables and the BVAL (Direct Observations) Fee Tables below or as may be added by Licensors from time to time.

Ad Hoc Terms

- 1) The Data Fees for Data requested on an Ad Hoc basis shall be determined each month in accordance with the Ad Hoc Fee Tables and the BVAL (Direct Observations) Fee Tables set forth below.
- 2) If Licensee requests Data from an Applicable Data Category (defined below) for a security on an Ad Hoc basis and does not request such Data on an Ad Hoc basis in three separate months during the following eleven-month period, Licensee shall be responsible to pay the Monthly Unique Security Charge for such Data as if Licensee had requested such Data in three separate months (the "Refresh Charges"). Licensors may give Licensee the benefit of reducing the Refresh Charges to account for natural turnover in Licensee's portfolios pursuant to its standard practices. "Applicable Data Category" means Basic Tax, Benchmark Regulation, CBE, Collateral Tagging, Credit Risk-Corporate Structure, Credit Risk-Capital Structure, Credit Risk-Regulatory & Compliance, Default Risk, ECL, ESG Climate, ESG Fund Analytics, ESG Reg Derived, ESG Reported, ESG Scores, FRTB RFET, FRTB SA Bucketing, Fund Analytics, Fundamentals Industry Specific, Fundamentals Segmentation, HQLA, IFRS 9 SPPI, Investor Analytics, Investor Protection, LQA, Market Implied Probability of Default, MiFIR Transparency, Portfolio Holdings, Regulatory & Risk Group 2 Miscellaneous, Regulatory & Risk Group 3 Miscellaneous, Regulatory & Risk Group 4 Miscellaneous, Sanctions, Securities Financing Transactions Regulation, Security Master, Security Ownership, SSFA, Supply Chain, UK MiFIR and US Withholding Tax and any new Data Category as may be added by Licensors from time to time.
- 3) In addition to any other termination charge(s) set forth in this Schedule, if this Schedule is terminated or not renewed for any reason, Licensee shall be responsible for 50% of the Refresh Charges that would have otherwise become payable after the termination date.
- 4) Data Fees for the following Data Categories will be charged at the rates set forth in the Ad Hoc Fee Tables, regardless of whether Licensee requests such Data on an Ad Hoc or Scheduled basis: Portfolio Holdings (Entity Data – Group 7), Sanctions (Regulatory and Risk Data – Group 3) and any new Data Category as may be added by Licensors from time to time.

Account: 30573670 Agreement: 3168334 Order: 26770062 DT: 5274 Cl: BFLP Pg 5 of 20 PerSecSchG+ 01/01/23



Scheduled Terms

The Data Fees for Data requested on a Scheduled basis shall be determined each month in accordance with the Scheduled Fee Tables and the BVAL (Direct Observations) Fee Tables below. For purposes of determining the Data Fees for Data requested on a Scheduled basis in accordance with the Scheduled Fee Tables, such Data Fees shall be based on the cumulative number of unique securities for which Licensee requested Data in each Data Category and Asset Type (if applicable) under this Schedule during the immediately preceding four calendar months or, if Licensee has requested Data on a Scheduled basis for fewer than four calendar months, such shorter period, subject to the following:

- 1) If Licensee participates in Optimization, (a) the applicable band in the Scheduled Fee Tables below shall be determined each calendar month based on the number of unique securities for which Licensee and its affiliates in the same Licensor firm number requested Data in each Data Category and Asset Type (if applicable) for use in the Division specified in this Schedule and (b) the Data Fees in the applicable band and the Access Fees shall be divided proportionately among Licensee and such affiliates' accounts; and
- 2) If Licensee's requests (or, if applicable under Optimization, Licensee's and its affiliates' requests together) exceed the highest security band shown in the Scheduled Fee Tables below in a month for a given Data Category and Asset Type (if applicable) in a month, Licensee shall be deemed to agree to Licensor's then-prevailing rates for such additional number of securities.

For the avoidance of doubt, no pro rata adjustment shall be applied if Licensee has accrued fewer than four calendar months' use of the Services.

Bulk Terms

- 1) Subject to availability, the Data Fees for Data requested on a Bulk basis shall be determined in accordance with (a) the applicable Bulk Amendment to this Schedule if Licensee and Licensor execute a Bulk Amendment or (b) the fees set forth on a portal through which Licensee has subscribed to such Data.
- 2) If this Schedule or a subscription to a Bulk file is terminated for any reason prior to completion of a Schedule Term, without limiting Licensor's other rights, Licensee shall pay an early termination charge in an amount equal to 50% of the charges calculated in accordance with this Schedule for all terminated Bulk subscriptions for the balance of the then-current term.
- 3) If Licensee requests Data for a unique security in a Data Category in which each such request is designated as a Bulk subscription, Licensee must make periodic ongoing requests for the Data for the same security in the same Data Category under the Schedule. If Licensee does not make periodic ongoing requests in a Data Category for a given unique security, Licensor may deem Licensee's Bulk subscription for any such security terminated and require Licensee to delete and purge all Data for that security in that Data Category, pursuant to paragraph 2(c) of the Schedule; provided that Licensor may elect to account for natural turnover in Licensee's portfolios pursuant to its standard practices.



Ad Hoc Fee Tables

Monthly Unique Security Charges

Reference Data

Asset Type	Security Master and Packaged	Intraday Derived ¹	End of Day Derived ¹	Intraday Pricing	End of Day Pricing
Corporate, Preferred, Money Market	\$1.99	\$0.91	\$0.78	\$0.91	\$0.78
US Government	\$1.17	\$0.91	\$0.78	\$0.91	\$0.78
Sovereign / Supranational / Agency	\$1.99	\$0.91	\$0.78	\$0.91	\$0.78
Syndicated Loans	\$2.34	\$0.91	\$0.78	\$0.91	\$0.78
US Municipals	\$1.57	\$0.91	\$0.78	\$0.84	\$0.73
ABS / CMO / CMBS / Whole Loan	\$2.63	\$2.88	\$2.76	\$1.34	\$1.22
Agency Pools and TBAs	\$0.58	\$0.84	\$0.73	\$0.29	\$0.18
Equity and Equity Indices	\$1.52	\$0.69	\$0.58	\$0.33	\$0.23
Options / Futures / FX / Warrants	\$1.52	\$0.69	\$0.58	\$0.33	\$0.23
Funds	\$1.75	\$0.69	\$0.58	\$0.33	\$0.23
Economic Statistics	\$0.23	\$0.33	\$0.23	\$0.33	\$0.23
Curve Tenor	\$0.23	\$2.69	\$2.69	\$2.92	\$2.92

Entity Data

Data Category	Monthly Unique Security Charge
Corporate Actions ¹ , Credit Risk-Capital Structure ² , Credit Risk-Regulatory Compliance ²	\$0.58
Fundamentals Segmentation ³	\$1.00
Fundamentals Industry Specific ³	\$1.34
Security Ownership	\$1.67
Fundamentals	\$1.75
Estimates, Credit Risk-Corporate Structure, Supply Chain	\$2.92
Portfolio Holdings	\$5.00

Environmental, Social & Governance

Data Category	Monthly Unique Security Charge
ESG Reported	\$1.67
ESG Reg Derived, ESG Climate	\$1.80
ESG Scores	\$2.25
ESG Fund Analytics	\$5.37

Account: 30573670 Agreement: 3168334 Order: 26770062 DT: 5274 CI: BFLP Pg 7 of 20 PerSecSchG+ 01/01/23



Regulatory & Risk Data

Data Category	Monthly Unique Security Charge
Investor Protection ¹ , Basic Tax ¹ , MiFIR Transparency ¹ , UK MiFIR ¹ , Securities Financing Transactions Regulation ¹	\$1.37
Regulatory & Risk Group ² Miscellaneous ¹ , CBE ¹ , US Withholding Tax ¹ , SSFA ¹	\$2.75
Benchmark Regulation ¹ , Default Risk ¹ , HQLA ¹ , IFRS 9 SPPI ¹ , Collateral Tagging ¹ , FRTB SA Bucketing ¹ , Regulatory & Risk Group 3 Miscellaneous ¹ , Sanctions	\$3.44
ECL ⁴ , LQA ¹ , Regulatory & Risk Group 4 Miscellaneous ¹ , Market Implied Probability of Default ¹	\$4.30
FRTB RFET ¹ , Investor Analytics ¹ , Fund Analytics	\$5.37

Historical Data

Data Type	Monthly Unique Security Charge	Monthly Maintenance Security Charge	Access Fee
Historical Time Series Fields or End of Day Historical Requests	\$29.36 per curve tenor \$3.51 for fixed income or equities	\$4.69 per curve tenor \$0.58 for fixed income or equities	\$0.033 for fixed income and each curve tenor \$0.011 for equities
Intraday Trades and Quotes	\$29.36 per curve tenor	\$4.69 per curve tenor	\$0.033 for each curve tenor

Tick History⁵

Number of hits per month	Fee per hit per month - Equities, Futures, Options, Indices, FX and Swaps	Fee per hit per month - GSAC
1-100	\$5.37	\$8.05
101-500	\$3.35	\$5.03
501-1000	\$2.95	\$4.43
1001-2500	\$1.34	\$2.01
2501-5000	\$1.21	\$1.81
5001-10,000	\$0.96	\$1.45
10,001-15,000	\$0.71	\$1.06
15,001-20,000	\$0.60	\$0.91
20,001-50,000	\$0.54	\$0.82
50,001-250,000	\$0.49	\$0.73
250,001-2,500,000	\$0.20	\$0.30
2,500,001-1,000,000,000	\$0.05	\$0.08
1,000,000,000+	Licensor's prevailing rates	Licensor's prevailing rates

Packaged fields for a unique security are not charged when received together with any other billable fields for the security.

¹The Monthly Unique Security Charges shown in the tables above for Basic Tax, Benchmark Regulation, CBE, Collateral Tagging, Corporate Actions, Default Risk, End of Day Derived, FRTB RFET, FRTB SA Bucketing, Fund Analytics, HQLA, IFRS 9 SPPI, Intraday Derived, Investor Analytics, Investor Protection, LQA, Market Implied Probability of Default, MiFIR Transparency, Portfolio Holdings, Regulatory & Risk Group 2 Miscellaneous, Regulatory & Risk Group 3 Miscellaneous, Regulatory & Risk Group 4 Miscellaneous, Securities Financing Transactions Regulation, Security Ownership, SSFA, UK MiFIR and US Withholding Tax fields reflect only the incremental differences above the price to be paid for the underlying Security Master fields.

²The Monthly Unique Security Charges shown in the tables above for Credit Risk-Capital Structure and Credit Risk-Regulatory & Compliance fields reflect only the incremental differences above the price to be paid for the underlying Credit Risk-Corporate Structure fields.

³The Monthly Unique Security Charges shown in the tables above for Fundamentals Industry Specific and Fundamentals Segmentation fields reflect only the incremental differences above the price paid for the underlying Fundamentals fields.

⁴The Monthly Unique Security Charge shown in the tables above for ECL fields reflect only the incremental differences above the price to be paid for the underlying Default Risk fields.

⁵Tick History is available for the following Asset Types and Asset Classes: Equities, Futures, Options, Indices, FX and Swaps; GSAC - US Government, Government Agency Bonds, Sovereign - Developed, Sovereign - Emerging, Corporate Investment Grade, Corporate High Yield, Convertible Bonds, Emerging Market Debt - Investment Grade and Emerging Market Debt - High Yield, and any new Asset Type or Asset Class as may be added by Licensor from time to time. Fees for the Tick History Data Category are based on the number of hits returned to Licensee in a given billing period, with each hit representing one calendar month of data for a unique

Account: 30573670 Agreement: 3168334 Order: 26770062 DT: 5274 Cl: BFLP Pg 8 of 20 PerSecSchG+ 01/01/23



security. For example, if Licensee receives 2 months of Tick History data for each of 600 equity securities in one billing period, that would be billed as 1200 hits, which would be charged in a graduated manner. Each unique security request in the Tick History Data Category shall be considered a Bulk subscription, and Licensee acknowledges that if Licensee does not make periodic ongoing requests for Tick History Data for a given unique security, Licensors may deem Licensee's Bulk subscription for any such security terminated and require Licensee to delete and purge all Tick History Data for that security, pursuant to paragraph 2(c) of the Schedule. Notwithstanding any rights Licensors or any affiliate of Licensors has granted to Licensee or any affiliate of Licensee to use Data for the benefit of any third party or to distribute Data to any third party, whether such rights are granted before or after the date of this Schedule, Licensee and its affiliates shall not have any rights to use or redistribute Tick History Data on behalf of or to any third party beyond the right to use and distribute a limited amount of Tick History Data pursuant to paragraph 4(a) of the Agreement.

The Access Fee is \$0.011 for all Data Categories and Asset Types, except the Access Fee is \$0.033 for the following:

- All Regulatory & Risk Data
- All Environmental Social & Governance Data
- All Tick History Requests
- Historical Time Series Fields or End of Day Historical Requests for fixed income and each curve tenor
- Intraday Trades and Quotes for each curve tenor

Curve Tenor history is available for prior twelve (12) months only; additional history is available subject to additional fees. Please contact Licensors for a fee quote.



Scheduled Fee Tables

(Annual Fees (in US\$))

SECURITY MASTER AND PACKAGED FIELDS

Number of Unique Securities	Asset Type						
	ABS/CMO/CMBS/ Whole Loan	Equity	Fixed Income	Listed Derivatives	Mortgage Pools	Municipals	Curve Tenors
1 - 25	\$405	\$290	\$585	\$230	\$87	\$260	\$43
26 - 50	\$815	\$585	\$1,170	\$465	\$175	\$525	\$125
51 - 100	\$1,635	\$1,170	\$2,050	\$935	\$350	\$1,050	\$250
101 - 250	\$4,105	\$2,930	\$4,105	\$2,345	\$875	\$2,640	\$585
251 - 500	\$8,215	\$5,870	\$8,215	\$4,690	\$1,460	\$5,285	\$1,260
501 - 1000	\$16,440	\$11,740	\$16,440	\$9,390	\$2,930	\$10,570	\$2,525
1,001 - 2,500	\$41,100	\$29,355	\$41,100	\$17,615	\$7,335	\$26,425	\$5,305
2,501 - 5,000	\$82,205	\$58,720	\$82,205	\$35,230	\$14,675	\$52,850	\$11,375
5,001 - 7,500	\$123,315	\$88,080	\$123,315	\$52,850	\$22,015	\$79,275	\$18,960
7,501 - 10,000	\$164,425	\$117,445	\$164,425	\$70,465	\$29,355	\$105,700	\$26,550
10,001 - 15,000	\$246,640	\$146,810	\$246,640	\$105,700	\$44,040	\$158,550	\$34,130
15,001 - 20,000	\$328,850	\$176,165	\$328,850	\$140,935	\$58,720	\$211,405	\$47,790
20,001 - 25,000	\$411,065	\$205,530	\$411,065	\$176,165	\$73,405	\$264,255	\$61,445
25,001 - 30,000	\$493,280	\$234,890	\$493,280	\$211,405	\$88,080	\$317,105	\$75,100
30,001 - 40,000	\$657,705	\$293,620	\$657,705	\$281,875	\$117,445	\$352,340	\$95,585
40,001 - 50,000	\$822,135	\$352,340	\$822,135	\$317,105	\$146,810	\$381,705	\$122,895
50,001 - 100,000	\$880,860	\$440,430	\$1,057,035	\$352,340	\$234,890	\$411,065	\$204,830
Access Fee: \$0.011 for all Asset Types							

Packaged fields for a unique security are not charged when received together with any other billable fields for the security.

Account: 30573670 Agreement: 3168334 Order: 26770062 DT: 5274 CI: BFLP Pg 10 of 20 PerSecSchG+ 01/01/23



ID 0

PRICING FIELDS

Number of Unique Securities	Asset Type						
Band	ABS/CMO/CMBS/Whole Loan	Equity	Fixed Income	Listed Derivatives	Mortgage Pools	Municipals	Curve Tenors
1 – 25	\$200	\$58	\$145	\$58	\$46	\$28	\$385
26 - 50	\$405	\$115	\$290	\$115	\$93	\$58	\$1,150
51 - 100	\$815	\$230	\$585	\$230	\$185	\$115	\$2,275
101 - 250	\$2,050	\$585	\$1,460	\$585	\$465	\$290	\$5,305
251 - 500	\$4,105	\$1,170	\$2,930	\$1,170	\$935	\$585	\$11,375
501 - 1000	\$8,215	\$2,345	\$5,870	\$2,345	\$1,875	\$1,170	\$22,755
1,001 - 2,500	\$20,545	\$5,870	\$14,675	\$5,870	\$4,690	\$2,930	\$47,200
2,501 - 5,000	\$41,100	\$11,740	\$29,355	\$11,740	\$9,390	\$5,870	\$101,150
5,001 - 7,500	\$61,655	\$17,615	\$44,040	\$17,615	\$14,085	\$8,800	\$168,585
7,501 – 10,000	\$82,205	\$23,485	\$58,720	\$23,485	\$18,785	\$11,740	\$236,020
10,001 - 15,000	\$123,315	\$35,230	\$88,080	\$35,230	\$28,185	\$14,675	\$311,880
15,001 - 20,000	\$164,425	\$46,970	\$117,445	\$46,970	\$37,580	\$17,615	\$436,635
20,001 - 25,000	\$205,530	\$52,850	\$146,810	\$52,850	\$46,970	\$20,545	\$561,390
25,001 - 30,000	\$246,640	\$58,720	\$176,165	\$58,720	\$56,370	\$23,485	\$686,145
30,001 - 40,000	\$299,490	\$64,590	\$234,890	\$64,590	\$75,165	\$29,355	\$873,280
40,001 - 50,000	\$352,340	\$70,465	\$264,255	\$70,465	\$93,950	\$35,230	\$1,122,785
50,001 - 100,000	\$411,065	\$76,335	\$293,620	\$76,335	\$123,315	\$41,100	\$1,871,310
Access Fee: \$0.011 for all Asset Types							

Account: 30573670 Agreement: 3168334 Order: 26770062 DT: 5274 CI: BFLP Pg 11 of 20 PerSecSchG+ 01/01/23



SNAPSHOT PRICING

Number of Unique Securities	Asset Type					
Band	ABS/CMO/CMBS/Whole Loan	Equity	Fixed Income	Listed Derivatives	Mortgage Pools	Municipals
1 – 25	\$435	\$101	\$315	\$101	\$101	\$43
26 - 50	\$625	\$200	\$640	\$200	\$200	\$87
51 - 100	\$1,225	\$405	\$1,275	\$405	\$400	\$165
101 - 250	\$3,035	\$1,010	\$2,935	\$1,010	\$895	\$420
251 - 500	\$5,985	\$2,010	\$5,810	\$2,010	\$1,800	\$830
501 - 1000	\$11,795	\$4,065	\$11,495	\$4,065	\$3,610	\$1,655
1,001 - 2,500	\$29,065	\$10,165	\$26,800	\$10,165	\$9,040	\$4,050
2,501 - 5,000	\$57,250	\$20,345	\$52,315	\$20,345	\$18,085	\$7,925
5,001 - 7,500	\$84,560	\$30,520	\$77,510	\$30,520	\$27,125	\$11,890
7,501 – 10,000	\$110,985	\$40,690	\$100,765	\$40,690	\$36,170	\$15,670
10,001 - 15,000	\$163,835	\$61,040	\$143,400	\$61,040	\$54,260	\$19,815
15,001 - 20,000	\$211,405	\$80,565	\$186,035	\$80,565	\$72,345	\$23,600
20,001 - 25,000	\$255,445	\$91,455	\$226,085	\$91,455	\$90,430	\$27,300
25,001 - 30,000	\$306,535	\$101,735	\$263,550	\$101,735	\$108,520	\$30,650
30,001 - 40,000	\$366,435	\$111,810	\$330,730	\$111,810	\$144,690	\$38,045
40,001 - 50,000	\$422,815	\$121,260	\$355,280	\$121,260	\$180,865	\$45,800
50,001 - 100,000	\$493,280	\$131,540	\$387,575	\$131,540	\$238,415	\$52,850
Access Fee: \$0.033 for all Asset Types						

Account: 30573670 Agreement: 3168334 Order: 26770062 DT: 5274 CI: BFLP Pg 12 of 20 PerSecSchG+ 01/01/23



DERIVED FIELDS¹

Number of Unique Securities	Asset Type						
	ABS/CMO/CMBS/Whole Loan	Equity	Fixed Income	Listed Derivatives	Mortgage Pools	Municipals	Curve Tenors
1 - 25	\$140	\$87	\$140	\$115	\$140	\$140	\$385
26 - 50	\$275	\$175	\$275	\$230	\$275	\$275	\$1,150
51 - 100	\$555	\$350	\$555	\$465	\$555	\$555	\$2,275
101 - 250	\$1,405	\$875	\$1,405	\$1,170	\$1,405	\$1,405	\$5,305
251 - 500	\$2,815	\$1,755	\$2,815	\$2,345	\$2,815	\$2,815	\$11,375
501 - 1000	\$5,635	\$3,515	\$5,635	\$4,690	\$5,635	\$5,635	\$22,755
1,001 - 2,500	\$14,085	\$8,800	\$14,085	\$11,740	\$14,085	\$14,085	\$47,200
2,501 - 5,000	\$28,185	\$17,615	\$28,185	\$23,485	\$28,185	\$28,185	\$101,150
5,001 - 7,500	\$42,280	\$26,425	\$42,280	\$35,230	\$42,280	\$42,280	\$168,585
7,501 - 10,000	\$56,370	\$35,230	\$56,370	\$46,970	\$56,370	\$56,370	\$236,020
10,001 - 15,000	\$84,560	\$52,850	\$84,560	\$70,465	\$84,560	\$84,560	\$311,880
15,001 - 20,000	\$112,745	\$70,465	\$112,745	\$93,950	\$112,745	\$112,745	\$436,635
20,001 - 25,000	\$140,935	\$88,080	\$140,935	\$117,445	\$140,935	\$140,935	\$561,390
25,001 - 30,000	\$169,120	\$105,700	\$169,120	\$140,935	\$169,120	\$169,120	\$686,145
30,001 - 40,000	\$225,500	\$123,315	\$225,500	\$146,810	\$225,500	\$225,500	\$873,280
40,001 - 50,000	\$281,875	\$140,935	\$281,875	\$164,425	\$281,875	\$281,875	\$1,122,785
50,001 - 100,000	\$352,340	\$158,550	\$352,340	\$187,910	\$352,340	\$352,340	\$1,871,310
Access Fee: \$0.033 for all Asset Types							

¹The amounts shown in the tables above for Derived Data reflect only the incremental differences above the price to be paid for the underlying Security Master Fields.

Account: 30573670 Agreement: 3168334 Order: 26770062 DT: 5274 CI: BFLP Pg 13 of 20 PerSecSchG+ 01/01/23



HISTORICAL TIME SERIES OR END OF DAY HISTORICAL REQUESTS

Number of Unique Securities	Asset Type	
Band	All Assets (excluding Curve Tenor)	Curve Tenor
1 – 25	\$175	\$1,005
26 - 50	\$350	\$2,920
51 - 100	\$700	\$5,835
101 - 250	\$1,755	\$13,485
251 - 500	\$3,515	\$29,220
501 - 1000	\$7,040	\$58,435
1,001 - 2,500	\$17,615	\$121,940
2,501 - 5,000	\$35,230	\$261,305
5,001 - 7,500	\$52,850	\$435,510
7,501 – 10,000	\$70,465	\$609,715
10,001 - 15,000	\$105,700	\$786,730
15,001 - 20,000	\$140,935	\$1,101,430
20,001 - 25,000	\$176,165	\$1,416,125
25,001 - 30,000	\$211,405	\$1,730,815
30,001 - 40,000	\$281,875	\$2,202,860
40,001 - 50,000	\$352,340	\$2,832,255
50,001 - 100,000	\$411,065	\$4,720,430
Access Fee: \$0.011 for all Asset Types		

Data Type	Monthly Unique Security Charge	Monthly Maintenance Security Charge	Access Fee
Intraday Trades and Quotes	\$29.36 per curve tenor	\$4.69 per curve tenor	\$0.033 for each curve tenor

Account: 30573670 Agreement: 3168334 Order: 26770062 DT: 5274 CI: BFLP Pg 14 of 20 PerSecSchG+ 01/01/23



REFERENCE DATA

Number of Unique Securities ⁴	Group							
	1	2	3	4	5	6	7	8
1 – 25	\$93	\$230	\$295	\$390	\$490	\$585	\$585	\$730
26 - 50	\$185	\$420	\$590	\$785	\$985	\$1,170	\$1,665	\$2,080
51 - 100	\$370	\$840	\$1,035	\$1,385	\$1,730	\$2,345	\$3,270	\$4,085
101 - 250	\$935	\$2,110	\$2,075	\$2,770	\$3,470	\$5,870	\$7,470	\$9,340
251 - 500	\$1,875	\$4,225	\$4,160	\$5,545	\$6,940	\$11,740	\$14,075	\$17,595
501 - 1000	\$3,755	\$8,450	\$8,325	\$11,100	\$13,880	\$23,485	\$24,635	\$30,800
1,001 - 2,500	\$9,390	\$17,615	\$20,820	\$27,760	\$34,700	\$54,805	\$49,275	\$61,595
2,501 - 5,000	\$18,785	\$35,230	\$41,650	\$55,530	\$69,410	\$70,465	\$87,995	\$110,000
5,001 - 7,500	\$28,185	\$52,850	\$62,470	\$83,300	\$104,120	\$82,205	\$132,000	\$165,000
7,501 – 10,000	\$37,580	\$70,465	\$83,300	\$111,060	\$138,830	\$93,950	\$143,730	\$179,665
10,001 - 15,000	\$56,370	\$88,080	\$124,950	\$166,600	\$208,250	\$105,700	\$164,265	\$205,335
15,001 - 20,000	\$75,165	\$93,950	\$166,600	\$222,130	\$277,670	\$117,445	\$229,970	\$287,465
20,001 - 25,000	\$93,950	\$99,830	\$208,250	\$277,670	\$347,085	\$129,185	\$264,000	\$330,005
25,001 - 30,000	\$112,745	\$105,700	\$249,900	\$333,200	\$416,505	\$155,025	\$322,670	\$403,340
30,001 - 40,000	\$131,555	\$111,570	\$333,200	\$444,270	\$555,340	\$197,305	\$410,675	\$513,345
40,001 - 50,000	\$146,590	\$117,445	\$416,505	\$555,340	\$694,175	\$253,685	\$528,010	\$660,015
50,001 - 100,000	\$244,320	\$169,120	\$535,505	\$714,010	\$892,515	\$422,815	\$880,020	\$1,100,030
Access Fee: \$0.011 for each Data Category in Groups 1-8 ⁴								
Group 1	Corporate Actions ¹ , Credit Risk-Capital Structure ² , Credit Risk-Regulatory Compliance ²							
Group 2	Fundamentals							
Group 3	Fundamentals Segmentation ³							
Group 4	Fundamentals Industry Specific ³							
Group 5	Security Ownership ¹							
Group 6	Estimates							
Group 7	Credit Risk-Corporate Structure							
Group 8	Supply Chain							

Account: 30573670 Agreement: 3168334 Order: 26770062 DT: 5274 Cl: BFLP Pg 15 of 20 PerSecSchG+ 01/01/23



ENVIRONMENTAL SOCIAL & GOVERNANCE

Number of Unique Securities ⁵	Data Category			
Band	1	2	3	4
1 – 25	\$230	\$270	\$340	\$1,200
26 - 50	\$690	\$810	\$1,015	\$3,600
51 - 100	\$1,380	\$1,620	\$2,025	\$7,200
101 - 250	\$3,215	\$3,780	\$4,725	\$16,800
251 - 500	\$6,885	\$8,100	\$10,125	\$36,000
501 - 1000	\$13,770	\$16,200	\$20,250	\$72,000
1,001 - 2,500	\$31,330	\$36,855	\$46,070	\$126,000
2,501 - 5,000	\$65,410	\$76,950	\$96,190	\$162,000
5,001 - 7,500	\$103,275	\$121,500	\$151,875	\$180,000
7,501 – 10,000	\$128,520	\$151,200	\$189,000	\$210,000
10,001 - 15,000	\$172,125	\$202,500	\$253,125	\$300,000
15,001 - 20,000	\$224,910	\$264,600	\$330,750	\$336,000
20,001 - 25,000	\$247,860	\$291,600	\$364,500	\$396,000
25,001 - 30,000	\$252,450	\$297,000	\$371,250	\$432,000
30,001 - 40,000	\$308,450	\$362,880	\$453,600	\$504,000
40,001 - 50,000	\$355,265	\$417,960	\$522,450	\$648,000
50,001 - 100,000	\$454,410	\$534,600	\$668,250	\$1,080,000
Access Fee: \$0.033 for all Data Categories.				
Group 1	ESG Reported			
Group 2	ESG Climate, ESG Reg Derived			
Group 3	ESG Scores			
Group 4	ESG Fund Analytics			

¹The amounts shown in the tables above for Corporate Actions and Security Ownership reflect only the incremental differences above the price to be paid for the underlying Security Master Fields.

²The amounts shown in the table above for Credit Risk-Capital Structure and Credit Risk-Regulatory Compliance fields reflect only the incremental differences above the price to be paid for the underlying Credit Risk-Corporate Structure fields.

³The amounts shown in the table above for Fundamentals Segmentation and Fundamentals Industry Specific reflect only the incremental difference above the price to be paid for the underlying Fundamentals fields.

⁴The number of unique securities and applicable fees (including the Access Fee) shall be calculated separately for each Data Category in Groups 1-8 and each of the following Asset Types: ABS/CMO/CMBS/Whole Loan, Equity, Fixed Income, Listed Derivatives, Mortgage Pools, Municipals, Curve Tenors, and Entity. Any calculations with respect to the Entity Asset Type shall be determined in accordance with Licensors standard practices and then-prevailing rates.

⁵The number of unique securities and applicable fees (including the Access Fee) shall be calculated separately for each Data Category in Groups 1-4 and each of the following Asset Types: ABS/CMO/CMBS/Whole Loan, Equity, Fixed Income, Listed Derivatives, Mortgage Pools, Municipals, Curve Tenors, and Entity. Any calculations with respect to the Entity Asset Type shall be determined in accordance with Licensors standard practices and then-prevailing rates.

Account: 30573670 Agreement: 3168334 Order: 26770062 DT: 5274 Cl: BFLP Pg 16 of 20 PerSecSchG+ 01/01/23



REGULATORY AND RISK DATA CATEGORIES

Number of Unique Securities ³	Group				
Band	1	2	3	4	5
1 - 150	\$1,115	\$2,805	\$4,720	\$11,230	\$14,980
151 - 500	\$3,370	\$8,425	\$14,160	\$33,715	\$44,950
501 - 1,000	\$6,605	\$16,090	\$23,600	\$53,405	\$79,115
1,001 - 1,500	\$10,495	\$25,660	\$37,640	\$74,340	\$110,135
1,501 - 2,500	\$16,425	\$37,335	\$54,755	\$108,025	\$152,115
2,501 - 5,000	\$29,800	\$65,640	\$96,270	\$117,245	\$173,700
5,001 - 7,500	\$42,615	\$72,935	\$106,970	\$125,930	\$186,560
7,501 - 10,000	\$53,670	\$91,900	\$134,790	\$141,610	\$205,745
10,001 - 15,000	\$75,345	\$110,870	\$163,805	\$172,965	\$259,345
15,001 - 20,000	\$92,875	\$122,540	\$173,075	\$196,070	\$278,370
20,001 - 25,000	\$105,735	\$136,545	\$184,865	\$210,075	\$311,220
25,001 - 30,000	\$113,465	\$141,215	\$188,290	\$256,760	\$380,390
30,001 - 40,000	\$132,075	\$147,055	\$191,715	\$326,785	\$484,135
40,001 - 50,000	\$139,405	\$168,065	\$215,680	\$420,160	\$622,465
50,001 - 75,000	\$182,070	\$233,420	\$299,555	\$583,560	\$864,540
75,001 - 100,000	\$202,300	\$326,795	\$419,385	\$816,990	\$1,210,355
Access Fee: \$0.033 for each Data Category in Groups 1-5 ³					
Group 1	Investor Protection ¹ , Basic Tax ¹ , MiFIR Transparency ¹ , UK MiFIR ¹ , Securities Financing Transactions Regulation ¹				
Group 2	CBE ¹ , SSFA ¹ , US Withholding Tax ¹ , Regulatory & Risk Group 2 Miscellaneous ¹				
Group 3	HQLA ¹ , IFRS 9 SPPI ¹ , Collateral Tagging ¹ , Benchmark Regulation ¹ , Default Risk ¹ , FRTB SA Bucketing ¹ , Regulatory & Risk Group 3 Miscellaneous ¹				
Group 4	ECL ⁴ , LQA ^{1,2} , Regulatory & Risk Group 4 Miscellaneous ¹ , Market Implied Probability of Default ¹				
Group 5	FRTB RFET ¹ , Investor Analytics ¹ , Fund Analytics ¹				

¹The amounts shown in the tables above for CBE, LQA, HQLA, IFRS 9 SPPI, Collateral Tagging, SSFA, US Withholding Tax, Regulatory & Risk Group 2 Miscellaneous, Regulatory & Risk Group 3 Miscellaneous, Regulatory & Risk Group 4 Miscellaneous, Investor Protection, Basic Tax, MiFIR Transparency, UK MiFIR, Securities Financing Transactions Regulation, Benchmark Regulation, Default Risk, Investor Analytics, FRTB RFET, FRTB SA Bucketing Fund Analytics and Market Implied Probability of Default fields reflect only the incremental differences above the price to be paid for the underlying Security Master fields.

²The Access Fee for LQA Data Category requests shall be waived in respect of up to five (5) such requests per security per day in the LQA Data Category.

³The number of unique securities and applicable fees (including the Access Fee) shall be calculated separately for each Data Category in Groups 1-5 and each of the following Asset Types: ABS/CMO/CMBS/Whole Loan, Equity, Fixed Income, Listed Derivatives, Mortgage Pools, Municipals, and Curve Tenors.

⁴ The amounts shown in the tables above for ECL fields reflect only the incremental differences above the price to be paid for the underlying Default Risk fields.

Account: 30573670 Agreement: 3168334 Order: 26770062 DT: 5274 CI: BFLP Pg 17 of 20 PerSecSchG+ 01/01/23



BVAL (Direct Observations) Fee Tables¹

DATA CATEGORY: BVAL (DIRECT OBSERVATIONS)

(Limited to BVAL prices wholly derived from directly observed market prices; may be requested on a Scheduled or Ad Hoc Basis)

Asset Type: GSAC				
Monthly Fees (in US\$) ²				
ASSET CLASS	Unique Security Count per month (volume bracket) ³	Frequency of 6 or more hits per month	Frequency of 3 - 5 hits per month	Frequency of 1 - 2 hits per month
		Tier 2 ⁴	Tier 2 ⁴	Tier 2 ⁴
US Government	All	0.789	0.405	0.186
Government Agency Bonds	1-1,000	1.403	0.734	0.339
	1,001-5,000	0.953	0.504	0.230
	> 5,000	0.504	0.285	0.109
Sovereign - Developed (plus US Govt for Bulk)	1-1,000	0.789	0.394	0.186
	1,001-1,500	0.559	0.285	0.120
	>1,500	0.285	0.230	0.065
Sovereign - Emerging	1-500	1.907	1.008	0.449
	501-1,500	1.458	0.734	0.339
	>1,500	0.953	0.504	0.230
Corporate Investment Grade	1-1,000	1.403	0.734	0.339
	1,001-5,000	1.129	0.559	0.285
	>5,000	0.789	0.394	0.175
Corporate High Yield	1-1,000	2.807	1.458	0.679
	1,001-2,500	2.357	1.239	0.559
	>2,500	2.083	1.063	0.504
Convertible Bonds	1-1,000	4.495	2.313	1.063
	1,001-2,000	3.596	1.853	0.855
	>2,000	2.697	1.403	0.635
Emerging Market Debt - Investment Grade	1-500	2.807	1.458	0.679
	501-1,000	2.357	1.206	0.559
	>1,000	1.907	0.964	0.449
Emerging Market Debt - High Yield	1-250	4.495	2.313	1.063
	251-500	4.046	2.083	0.964
	>500	3.146	1.633	0.756
Syndicated Loans	1-250	6.743	3.486	1.611
	251-500	4.495	2.313	1.063
	>500	2.247	1.162	0.559
Structured Notes	1-1,000	4.495	2.313	1.063
	1,001-2,000	3.596	1.853	0.855
	>2,000	2.697	1.403	0.635
Money Markets	1-1,000	0.953	0.493	0.230
	1,001-5,000	0.734	0.372	0.164
	>5,000	0.504	0.252	0.109
Private Placements	1-250	9.440	4.879	2.247
	251-500	6.293	3.706	1.710
	>500	4.495	2.313	1.129

Account: 30573670 Agreement: 3168334 Order: 26770062 DT: 5274 Cl: BFLP Pg 18 of 20 PerSecSchG+ 01/01/23



Asset Type: Municipals				
Monthly Fees (in US\$) ²				
ASSET CLASS	Unique Security Count per month (volume bracket) ³	Frequency of 6 or more hits per month	Frequency of 3 - 5 hits per month	Frequency of 1 - 2 hits per month
		Tier 2 ⁴	Tier 2 ⁴	Tier 2 ⁴
Municipal Investment Grade	1-1,000	2.828	1.458	0.679
	1,001-5,000	2.083	1.074	0.493
	>5,000	1.414	0.734	0.339
Municipal High Yield	1-500	4.495	2.313	1.063
	501-2,500	3.596	1.853	0.855
	>2,500	2.697	1.403	0.635
Asset Type: Mortgages				
Monthly Fees (in US\$) ²				
ASSET CLASS	Unique Security Count per month (volume bracket) ³	Frequency of 6 or more hits per month	Frequency of 3 - 5 hits per month	Frequency of 1 - 2 hits per month
		Tier 2 ⁴	Tier 2 ⁴	Tier 2 ⁴
TBA Mortgage Pools	All	0.789	0.405	0.186
MBS Fixed Rate Pools	1-1,000	1.129	0.581	0.274
	1,001-10,000	0.899	0.471	0.208
	>10,000	0.537	0.285	0.131
Adjustable Rate Mortgages & SBA Pools	1-500	1.798	0.932	0.427
	501-5,000	0.899	0.471	0.208
	>5,000	0.449	0.241	0.109
CMBS - Non-Credit Sensitive (including DUS & Project Bonds)	1-500	3.936	2.028	0.932
	501-1,000	3.432	1.776	0.822
	>1,000	2.445	1.271	0.581
CMBS - Credit Sensitive	1-500	7.872	4.068	1.875
	501-1,000	6.304	3.256	1.502
	>1,000	4.736	2.434	1.129
Agency CMO (including floating rate issues)	1-1,000	3.936	2.028	0.932
	1,001-3,000	2.949	1.513	0.712
	>3,000	1.962	1.008	0.471
Non-Agency CMOs	1-1,000	7.872	4.068	1.875
	1,001-2,000	6.304	3.256	1.502
	>2,000	4.736	2.434	1.129
Agency CMO Derivatives & Strips	1-500	6.743	3.486	1.611
	501-1,000	5.394	2.774	1.282
	>1,000	4.046	2.083	0.964
Non-Agency Derivatives & Strips	1-500	8.991	4.630	2.135
	501-1,000	6.743	3.472	1.607
	>1,000	4.495	2.315	1.067
Consumer ABS - Non-Credit Sensitive	1-1,000	3.399	1.754	0.811
	1,001-2,500	1.743	0.899	0.416
	>2,500	0.964	0.504	0.241
Consumer ABS - Credit Sensitive	1-1,000	6.776	3.508	1.622
	1,001-2,500	3.881	1.995	0.921
	>2,500	1.940	0.997	0.460
International ABS - Non-Credit Sensitive	1-500	4.495	2.313	1.063
	501-2,000	2.247	1.162	0.537
	>2,000	0.899	0.460	0.208
International ABS - Credit Sensitive	1-500	8.991	4.627	2.138
	501-1,500	4.495	2.313	1.063
	>1,500	2.697	1.403	0.635
Complex Structured Products (including SME CLOs)	1-25	44.956	39.342	33.717
	26-50	42.149	36.524	30.910
	>50	39.342	33.717	28.103
Mortgage Pool Generic	1-250	11.239	5.833	2.664
	251-500	9.550	5.011	2.269
	>500	8.432	4.429	2.105



¹If Licensee has a BVAL Schedule under the same Account as this Schedule, all BVAL prices shall be governed by and billed in accordance with such BVAL Schedule.

²Monthly Fees are per unique security per Snapshot Time. The Monthly Fees shall include no more than one request each day for a unique security at a particular snapshot time and location (e.g., London 4:15 pm, New York 4 pm, etc.) (each, a "Snapshot Time"). If Licensee makes more than one request in the same day for a unique security at a Snapshot Time, Licensee shall be charged \$0.011 for each such additional request for such unique security.

³For each Asset Class with multiple volume brackets, the fees shall be determined in a graduated manner within each frequency (i.e., for each Snapshot Time, the number of unique securities is determined separately within each frequency to determine the appropriate volume bracket(s)).

⁴**Tier 2** – Expected delivery time of a Snapshot price is 3 hours after the applicable Snapshot Time (as defined below).



BLOOMBERG SCHEDULE OF SERVICES

SERVICE PROVIDER ("SP"):	BLOOMBERG FINANCE L.P.	ACCOUNT No:	30573376
SERVICE RECIPIENT ("SR"):	ENTIDADE REGULADORA DOS SERVICOS ENERGETICO (ERSE)	ORDER No:	26766076
DEPARTMENT:		ORDER DATE:	17-Mar-2023
EQUIPMENT ADDRESS:		BILLING ADDRESS:	
ENTIDADE REGULADORA DOS SERVICOS ENERGETICO (ERSE)		ENTIDADE REGULADORA DOS SERVICOS ENERGETICO (ERSE)	
EDIFICIO RESTELO		EDIFICIO RESTELO	
R D.CRISTOVAO DA GAMA N1 3 ANDAR		R D.CRISTOVAO DA GAMA N1 3 ANDAR	
LISBOA	1400-113	LISBOA	1400-113
(City)	(State/Province)	(City)	(State/Province)
Portugal		Portugal	
USER CONTACT:		BILLING CONTACT:	
MARIO PEREIRA		MARIO PEREIRA	
351-91-113-9239		351-91-113-9239	

SP and SR are parties to a BLOOMBERG AGREEMENT, Number **3168200** (the "Agreement") which sets forth the terms and conditions under which SP provides to SR the Services described therein. Capitalized terms used but not defined in this Schedule have the meanings assigned to such terms in the Agreement. SR hereby subscribes for the Services listed below and SR agrees that the equipment address noted above shall be SR's primary location for using the Services.

QUANTITY	TYPE OF SERVICES/EQUIPMENT ORDERED	MONTHLY UNIT PRICE
4	Bloomberg Terminal	\$ 2,215.00
Total		\$ 8,860.00
PO#		

TERMS AND CONDITIONS

1. Terms & Charges. (a) The Schedule Term begins on the first day Services are provided hereunder and shall end two years thereafter. Each Schedule Term automatically renews for successive two-year periods unless SR or SP elects not to renew by giving not less than 60 days' prior written notice to the other, and, in the case of non-renewal of Network Access and/or routers by SR, SR executing SP's then-current termination form(s). Charges payable during renewal periods will be at SP's prevailing rates as notified by SP to SR in advance, and this Schedule shall be deemed amended accordingly. This Bloomberg Schedule of Services (this "Schedule") shall automatically terminate upon termination of the Agreement. The fees set forth above commence the day of actual installation and shall be invoiced quarterly in advance. All amounts displayed on this Schedule are in U.S. dollars. All installations, upgrades, removals, relocations, conversions, equipment modifications and other changes related to the Services will automatically be charged at SP's prevailing rates, and SR will be invoiced accordingly.

(b) As part of the Services, SR may request the provision of (i) Network Access and/or (ii) routers. If Network Access and/or routers are provided to SR, the charges for such Network Access and/or routers are not guaranteed for the Schedule Term. Increases and/or discounts to such charges may be made on 90 days' prior written notice, and customer relocations may result in immediate price adjustments for such Network Access and/or routers. SR may terminate circuits or routers upon 90 days prior written notice to SP following SR's execution of SP's then-current termination form(s), provided that, for circuits, SR has maintained the circuit for at least 12 months after the installation of the circuit and has installed a replacement approved by SP. SR may use Network Access and/or routers only in connection with use of the Services and/or Additional Services described in the applicable Agreement or, at Bloomberg's sole discretion, in connection with any other services provided by SP or its affiliates to SR pursuant to any other agreement between SR and SP or its affiliates. SR may relocate routers upon 90 days' prior written notice to SP to a location approved by SP in advance. SP or any person designated by SP has authorization to disconnect SR's old circuits and facilities. Any extraneous wiring charges are not covered by SP.

(c) Upon termination of this Schedule or any portion of the Services provided under this Schedule at any time for any reason, SR shall pay any waived installation fees, early termination charges and any other fees imposed on SP by the provider of any Network Access. Circuit installation or upgrades do not affect the term of the Agreement.

2. Shared Network; Multiple Services. If this Schedule provides, or may from time to time provide, for a fee for Services calculated on the basis of a shared local network at the same physical location or multiple Services, then at such time as the network is no longer

Account: **30573376** Agreement: **3168200** Order: **26766076** DT: **1109** Cl: **BFLP** Pg 1 of 2 SchSup+ 06/17/21



shared, or multiple Services are no longer accessed, the fee for Services shall be increased to the prevailing rate for Services provided on an unshared or single Service basis.

3. Miscellaneous. For inquiries, please contact Bloomberg L.P., operating agent of Bloomberg Finance L.P., at 731 Lexington Avenue, New York, NY 10022, via Telephone: (212) 318-2000 or via the Customer Service Center: <https://service.bloomberg.com>; or any successor operating agent or other party as specified by Bloomberg Finance L.P. from time to time. This Schedule, including any amendments, modifications, waivers or notifications relating thereto, may be executed and delivered by electronic mail or other electronic means, including via a website designated by SP by completing the procedures specified on that website. Any such electronic mail transmission or communication via such electronic means shall constitute the final agreement of the parties and conclusive proof of such agreement, and shall be deemed to be in writing and to have the same effect as if signed manually. SR agrees that it has the ability to store the information delivered to SR electronically such that it remains accessible to SR in an unchanged form.

Contract Manager

For the purposes of article 290-A of the Public Contracts Code, the first party (ERSE) appoints as contract managers the collaborators _____ and _____.

Agreed to by:

ENTIDADE REGULADORA DOS SERVICOS ENERGETICO (ERSE)

Company Name

Pedro
Verdelho

Digitally signed by Pedro Verdelho
DN: c=PT, title=Presidente do Conselho de
Administração, ou=Ministério do Ambiente e da
Acção Climática, o=Entidade Reguladora dos
Serviços Energéticos, sn=Verdelho,
givenName=Pedro, cn=Pedro Verdelho
Date: 2023.06.17 21:43:30 +01'00'

Signature (Duly authorized signatory, officer, partner or proprietor)

Name (Please type or print)

Ricardo
Loureiro

Digitally signed by Ricardo Loureiro
DN: dc=pt, dc=erse, ou=Erse,
ou=Estrutura Organizacional,
ou=CA, cn=Ricardo Loureiro,
email=RLoureiro@erse.pt
Date: 2023.06.19 13:19:52 +01'00'

Title (Please type or print)

Date

The following are trademarks and service marks of Bloomberg Finance L.P., a Delaware limited partnership, or its subsidiaries: BLOOMBERG, BLOOMBERG ANYWHERE, BLOOMBERG MARKETS, BLOOMBERG NEWS, BLOOMBERG PROFESSIONAL, BLOOMBERG TERMINAL and BLOOMBERG.COM. Absence of any trademark or service mark from this list does not waive Bloomberg's intellectual property rights in that name, mark or logo. All rights reserved. 600611847.6

Agreed to by:

BLOOMBERG FINANCE L.P.

By: BLOOMBERG (GP) FINANCE LLC,
General Partner

Signature of Authorized Signatory

Date

Account: 30573376 Agreement: 3168200 Order: 26766076 DT: 1109 Cl: BFLP Pg 2 of 2 SchSup+ 06/17/21

