



Shreyas Ravi

Associate Director

Current Position

Mr. Ravi is an Associate Director with Secretariat Economists.

Professional Experience

Shreyas Ravi has nearly nine years of experience as a strategic consultant and expert in network industries. With this expertise he has assisted firms worldwide in executing crucial business and investment decisions.

Mr. Ravi has focused his efforts on assisting firms engaged in high-stakes auction markets. He has provided strategic advice, including as lead or co-lead, in over a dozen high stakes auctions to participating firms. Major recent auctions include the US C-band auction, US Rural Digital Opportunity Fund broadband subsidy auction, and Canada's 600 MHz auction. In addition, Mr. Ravi has developed software to assist in the simulation of mock auction exercises and to develop and implement auction strategies. In this capacity, Mr. Ravi has assisted some of the largest telecommunication firms worldwide in preparing for and bidding in major LTE and 5G spectrum auctions. He has also led tutorials for regulators and investors interested in either conducting or fine-tuning their own high-stakes auctions.

Outside of his auction work, Mr. Ravi has designed custom tools to handle his clients' specific needs with complex datasets and data management. He has developed simulation tools that allow firms to simulate optimal bilateral agreements based on underlying cost inputs. Furthermore, he has developed network optimization routines that allow firms to structure investment spending on infrastructure to maximize the return on that investment. Mr. Ravi has also supported cases in SE's other areas of expertise, including merger analysis, antitrust, and damage analysis.

Mr. Ravi received his B.A. from Swarthmore College with a major in mathematics and a minor in French.

Contact Details

Direct: +1 202.833.5274

Email: sravi@secretariat-intl.com

Professional History

- Secretariat Economists
- Economists Incorporated

Education

- B.A., Mathematics, Swarthmore College

Selected Consulting

- Third party verification of auction software for a major telecommunications authority. 2022 – ongoing
- Maxis Communications v Republic of India, International Arbitration. January 2023
- Advice to AT&T, Mexico, in preparation for Mexico's upcoming 5G auction. 2022 - ongoing
- Advice to AT&T, USA, in preparation for the U.S. 2.6 GHz auction (108). 2021 – 2022
- Advice to Zain, KSA, in preparation for the KSA's 2022 auction of combined LTE and 5G spectrum. 2021 - ongoing
- Advice to AT&T, USA, in preparation for the U.S. 3.45 – 3.55 GHz auction (110). 2021 – 2022
- Advice to AT&T, Mexico, in preparation for and during Mexico's 2021 low and mid-band auction. 2021
- Advice to Ufone, Pakistan, in preparation for and during Pakistan's 1800/2100 MHz auction. 2021
- Advice to AT&T, USA, in preparation for and during the U.S. C-band auction (107) 2019 – 2021
- Northstar Vermont Yankee, LLC. Vs. The United States of America (Fed. CL., No. 18-1209C) – For the U.S. Department of Energy, developed bilateral trade model cited in the expert report to assess reliability of claimant's expert's predictions regarding a market for exchanges of spent nuclear fuel acceptance rights and schedule of removal of spent nuclear fuel from the Vermont Yankee Power Station. Expert report submitted, February 2021
- Dominion Energy Kewaunee Inc. Vs. The United States of America (Fed. CL., No. 18-808C) – For the U.S. Department of Energy, developed bilateral trade model cited in the expert report to assess reliability of claimant's expert's predictions regarding a market for exchanges of spent nuclear fuel acceptance rights and schedule of removal of spent nuclear fuel from the Kewaunee Power Station. Expert report submitted, January 2021
- Exelon Generation Company LLC. et al. v. The United States of America – For the U.S. Department of Energy, developed bilateral trade model cited in the expert report to assess reliability of claimant's expert's predictions regarding a market for exchanges of spent nuclear fuel acceptance rights and removal from Oyster Creek Nuclear Generating Station and Three Mile Island Nuclear Generating Stations. Related to cost recovery claim pursuant to settlement agreement, Exelon Generation Company LLC. et al. vs. The United States of America, Fed. CL., Nos. 98-521C, 04-102C, 04-103C and 04-104C, August 5, 2004. Expert report submitted, November 2020.
- NextEra v. The United States of America – For the U.S. Department of Energy, developed bilateral trade model cited in the expert report to assess reliability of claimant's expert's predictions regarding a market for exchanges of spent nuclear fuel acceptance rights and removal from NextEra nuclear plants (Duane Arnold, Point Beach, St. Lucie, Seabrook, and Turkey Point). Related to cost recovery claim pursuant to settlement agreement for, Florida Power & Light Company v. United

States, Fed. CL., No. 98-483C, Interstate Power and Light Company v. United States, Fed. CL., No. 04-0067C and FPL Energy Seabrook, LLC v. United States, Fed. CL., No. 04-0088C, March 30, 2009. Expert reports submitted, August 2020 and December 2020.

- Omaha Public Power District v. The United States of America – For the U.S. Department of Energy, developed bilateral trade model cited in the expert report to assess reliability of claimant’s expert’s predictions regarding a market for exchanges of spent nuclear fuel acceptance rights and removal from Fort Calhoun Nuclear Plant. Related to cost recovery claim pursuant to settlement agreement, Omaha Public Power District v. The United States of America, Fed. CL., No. 01-115C, June 5, 2006. Expert report submitted, August 2020
- Advice to Shaw, Canada, in preparation for Canada’s 3.5 GHz auction. 2019 – 2021
- Advice to Shaw, Canada, in preparation for Canada’s C-band auction. 2020 – 2021
- Advice to Starry, USA, in preparation for and during the U.S. Rural Digital Opportunity Fund Auction (904) 2020
- Advice to AT&T, USA, in preparation for the U.S. 3.5 GHz auction (105). 2020
- Advice to AT&T, USA, in preparation for and during the U.S. 37/39, 47 GHz auction (103) 2019 – 2020
- Advice to FarEasTone, Taiwan, in preparation for the 1800 MHz, 3500 MHz, 28 GHz auction. 2019 - 2020
- Advice to U.S. Telecom Association, USA, in analyzing the Connect America Fund Phase II auction. 2019
- Advice to Shaw, Canada, in preparation for and during the 600 MHz auction. 2018 - 2019
- Advice to AT&T, USA, in preparation for the U.S. 24 GHz auction. 2018 - 2019
- Advice to AT&T, USA, in preparation for the U.S. 28 GHz auction. 2018 - 2019
- Advice to AT&T, Mexico, in preparation for and during the 2.5 GHz 2018 auction. 2017 – 2018
- Advice to AT&T, USA, in preparation for and during the Connect America Fund Phase II auction. 2017-2018
- Advice to EE, UK, in preparation for the 2.3 and 3.4 GHz auction. 2017 – 2018
- Built custom software for telecom firms to track spectrum licenses, leases, and applications using the FCC’s Universal Licensing System (ULS). 2016 - ongoing
- Advice to AT&T, USA, in preparation for and during the U.S. 600 MHz Incentive auction. 2015 – 2017

- Advice to StarHub, Singapore, in preparation for the 700/900 MHz and 2.3/2.5 GHz auction. 2016 - 2017.
- Advice to AT&T, Mexico, in preparation for and during the AWS-3 2016 auction. 2015 - 2016
- Advice to AT&T, USA, in preparation for the U.S. AWS-3 Auction, July 2014 – November 2014
- Advice to AT&T, USA, in preparation for and in analyzing the U.S. AWS-3 Auction, January 2015 – April 2015
- Advice to WIND Mobile, Canada, in preparation for and during the Canada 2600 MHz auction. January – April 2015

Commissioned Research

- Comments on the Design of the Rural Digital Opportunities Fund, Phase I Auction, (with James Bono, Allan Ingraham, and Christopher Sojourner, 2019).
- An Analysis of Allocation Phase Pricing and Clock Round Price Increases in the Canadian 600 MHz Auction, (with James Bono, Allan Ingraham, Christopher Sojourner, and William Schwartz, 2019).

Spoken Languages

- English (Native)
- French (Fluent)
- Spanish (Proficient)
- Tamil (Limited)

Technical Experience

- Python
- Pandas
- HTML
- Django
- GAMS
- Stata
- Visual Basic
- Excel