



## Infrastructure Development

### A Market-Leading Global Infrastructure Practice

Bracewell has one of the leading global infrastructure practices in the world. Our team of infrastructure lawyers is consistently ranked in the top tiers in *Chambers* and *Legal 500*, and our public and project finance teams can consistently be found at the top of the North American league tables. In 2020, IJ Global ranked us #15 for North America Infrastructure Legal Advisor by value and #18 for Power Infrastructure Finance Legal Advisor by value. Our public finance team also ranked nationally in the top 15 in Refinitiv's 2020 analysis.

Our infrastructure lawyers offer a comprehensive platform to advise stakeholders on both private and public infrastructure projects. We are experienced in representing sponsors, developers, suppliers, lenders, and government entities in every phase of an infrastructure project, including bidding and contracting, siting and permitting, engineering, procurement and construction, operation and maintenance, financing, and refinancing, and technology.

### Energy Infrastructure Projects

Our lawyers draw on their strengths as one of the largest dedicated energy teams in the world to provide cutting-edge advice on complex energy infrastructure projects, from long-haul oil and gas pipelines in the United States to utility-scale solar power plants in Europe and the Middle East. We have advised **Equinor** on various matters related to its Empire Wind Offshore Wind Farm; **Fotowatio Renewable Ventures** in the development of a utility-scale storage project to be constructed and operated by Tesla in the UK; and **Marubeni** and **Total Solar** in the development and implementation of the first utility-scale renewables IPP in Qatar.

## P3 Projects

We also have extensive experience at every stage of social infrastructure projects, including the creation of public-private partnerships, or P3s, between local governments and the private sector to facilitate the development or redevelopment of arts, hospitality, medical, sports, and other infrastructure developments. For example, we represented **Edgemoor-Star American Judicial Partners** in the development of a modern courthouse in Howard County, Maryland, through an innovative P3 arrangement (Best Social Infrastructure Project and Best Social Infrastructure of the Year, 2019 P3 Awards -->). Our infrastructure lawyers also played a leading role in the development of the **Texas Medical Center**, **Texas Rangers Stadium**, **Museum of Fine Arts Houston**, and the **Toyota Field and STAR Soccer Complex** in San Antonio.

## Energy-as-a-Service

Our energy and infrastructure lawyers work alongside our public finance --> and transactional tax --> teams in the Energy-as-a-Service (EaaS) sector, an emerging solution primarily for not-for-profit institutions, including hospitals and universities, that seek to manage their infrastructure without diverting attention and resources away from their core missions.

We represent not-for-profit institutions in a wide variety of EaaS transactions, including complex concession arrangements, where we analyze the legal and commercial risks of the EaaS structure for our not-for-profit clients, ensure proper integration of the EaaS structure with their existing financing structures and optimize the EaaS structure from the federal, state and local income tax perspective of our clients.

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## Key Contacts



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## Experience

# BRACEWELL

We play a leading role in market-leading infrastructure projects throughout the United States, Latin America, Africa, Europe and the Middle East.

## **Acciona Agua**

- led consortium in its bid for Al Wakra & Wukair 150,000-300,000 integrated sewage treatment plants in Doha

## **Alcazar Energy Partners**

- on construction and implementation matters in respect of the Al Rajef and Shobak wind projects in Jordan
- as bidder, and EBRD, as lender, on the 30 MW/60 MWh energy storage project in Jordan — the first utility-scale, stand-alone, project financed energy storage project in the MENA region
- in the project financing for wind and solar projects with an aggregate capacity of 100 MW being procured pursuant to the Egypt Feed-in-Tariff Program
- in connection with its project financing, including drafting and negotiating EPC and O&M contracts and related contracts, of four 50 MW solar projects in Egypt being procured in Round 2 of the Renewable Energy Feed-in-Tariff Program – 2017 Global Multicultural Deal of the Year, Project Finance International
- on the 1.8 GW Benban Solar Park in Egypt – 2017 Global MLA Deal of the Year, PFI Awards

## **Alcoa Power Generating Inc.**

- in the sale of four hydroelectric power plants with an aggregate capacity of 215 MW located on the Yadkin River in North Carolina to an affiliate of Cube Hydro Partners, LLC

## **Algonquin Power & Utilities Corp.**

- as agent, and certain affiliates serving as its counsel to APUC, as lenders, on a long-term financing to a subsidiary of Abengoa Water that holds a 20 percent interest in the Vista Ridge P3 water project near San Antonio, Texas

## **Amni International Petroleum Development Company Limited**

- on its approximately \$214 million senior secured facility with Guaranty Trust Bank Plc as lender to refinance its existing \$260 million facility with Africa Export-Import Bank

## **Anadarko Mozambique Area 1**

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- on various aspects of the \$20 billion+ LNG export project in Mozambique.

## **Anglo Pacific Group**

- in the acquisition of a NSR Royalty over copper produced at the Mantos Blancos copper mine in Chile

## **AP Energy Holdings Inc and South Field Energy LLC**

- in the \$1.3 billion project financing and equity arrangements for the construction of the South Field Energy project, a 1,182 MW combined-cycle natural gas electric generating facility located near Wellsville, Ohio

## **Apache Corporation**

- in connection with implementation of, and exercise of equity options under, various agreements with third party pipeline developers that will provide vital takeaway capacity for Apache's oil and natural gas liquids production from the Alpine High play in the Permian Basin

## **Apex Compressed Air Energy Storage LLC**

- on the mezzanine and long-term construction project financing of a compressed air energy storage development project

## **ArcLight Capital Partners, LLC**

- in the purchase of the FERC-regulated Trans-Union Pipeline from Entegra Power Group and related acquisition financing

## **Arabia One For Clean Energy Investments**

- a project company formed by Hanwha Engineering & Construction Corporation, Ennera Energy and Arabia Trading and Consulting Company) in the project development and financing of the Arabia One project, one of seven solar photovoltaic projects in Jordan (called the "Seven Sisters") procured in Round 1 of Jordan's renewable energy program — 2014 Middle East Renewable Deal of the Year and 2014 Middle East Overall Project of the Year, IJGlobal Middle East

## **Banobras**

- as New York counsel on the amendment of certain financing documentation for a major highway project in Mexico and its refinancing

## **Basalt Infrastructure Partners II LP**

- in the acquisition of Detroit Renewable Energy LLC, an integrated renewable energy system comprised of Detroit Thermal, Detroit Renewable Power and Hamtramck Energy Services

## **Brookfield Infrastructure Group Corporation**

- in the sale of Cross Sound Cable Company, the owner of a high voltage direct current electric transmission system connecting the New England and New York power grids, to A1A Energy North America LLC, an affiliate of Argo Infrastructure Partners

## **Cities of Dallas and Fort Worth, Texas**

- as disclosure counsel in connection with \$391.755 million Dallas Fort Worth International Airport Joint Revenue Refunding Bonds, Series 2020A (Non-AMT)
- \$459.520 million Dallas Fort Worth International Airport Joint Revenue Refunding Bonds, Series 2020B (Non-AMT)
- \$1.193 billion Dallas Fort Worth International Airport Joint Revenue Refunding Bonds Taxable, Series 2020C

## **City of Arlington, Texas**

- as bond counsel to issuer in connection with \$321.717 million Rangers Ballpark Complex Admissions and Parking Taxes Revenue Bonds Taxable, Series 2020, and counsel in connection with the development of a new retractable-roof stadium for the Texas Rangers

## **City of Houston Airport System**

- as bond counsel to issuer in connection with \$90 million Special Facilities Revenue Bonds (United Airlines, Inc. Technical Operations Center Project), Series 2018 (AMT) and \$46.4 million City of Houston Airport System Special Facilities Revenue Bonds, (United Airlines, Inc. Airport Improvement Projects), Series 2018C (AMT)

## **City of Houston, Texas**

- as bond counsel in connection with the issuance of over \$1 billion Airport System subordinate lien revenue bonds and senior lien commercial paper

## **Competitive Power Ventures**

- in the equity investment by Osaka Gas USA, Axium Infrastructure and Harrison Street in CPV's gas-fired Three Rivers Energy Center project in Illinois — 2020 US Power Deal of the Year, PFI Awards

## **Cosapi**

- a member of the project company, Metro de Lima Línea 2, S.A., in the review of the financing documents to which Cosapi was a party in



connection with the refinancing of the bonds for the construction of Line 2 of the Lima metro in Peru

## **Edgemoor-Star American Judicial Partners**

- in the procurement and financial closing of the Howard County Maryland Courthouse P3 project — 2019 Best Social Infrastructure Project and Best Social Infrastructure of the Year, P3 Awards

## **El Paso Corporation and Ruby Pipeline LLC**

- in the \$1.58 billion construction and term financing of the 675-mile Ruby Pipeline in the northwest United States – Oil and Gas Deal of the Year in the Americas, Project Finance International
- North American Oil and Gas Deal of the Year, Project Finance

## **Eldorado Gold Corporation and its subsidiary Hellas Gold**

- in a host government agreement in respect of the Kassandra gold mines in Greece

## **Eni S.p.A.**

- in its £140 million acquisition of a 20 percent interest in the Dogger Bank (C) 1.2 GW offshore wind farm project from Equinor and SSE
- in its £405 million acquisition of 20 percent interest in the Dogger Bank (A and B) 2.4 GW offshore wind farm project from Equinor and SSE — the world's largest offshore wind project

## **Equinor**

- on the 816 MW Empire Wind Offshore Wind Farm – the first large-scale offshore wind lease in New York State — 2020 Projects Deal of the Year Finalist, IFLR United States Awards

## **First Reserve Corporation**

- in the long-term hedge arrangement to enable the acquisition and financing of the 298 MW Kingfisher Wind Project located in Oklahoma — 2015 Commodities Deal of the Year, Commodity Business Awards
- 2015 Financial Deal of the Year, Platt's Global Energy Awards
- 2016 Deal of the Year, Energy Risk Awards

## **Fort Bend Independent School District**

- as bond counsel to issuer in connection with \$45 million Variable Rate Unlimited Tax Refunding Bonds, Series 2017C (Green Bonds)

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- \$50 million Variable Rate Unlimited Tax Refunding Bonds, Series 2017D (Green Bonds)
- \$91.110 million Unlimited Tax Refunding Bonds, Series 2017E

## **Fotowatio Renewable Ventures**

- in the development of the 99 MW / 198 MWh Clay Tye Project – upon completion, this will be the largest battery energy storage of its kind in the UK
- in the development of a 34 MW/68 MWh utility-scale battery storage project, to be constructed and operated by Tesla in the UK
- as sponsors' counsel in the development of the 55 MW Mets Masrik power plant — the first utility-scale solar plant in Armenia

## **Freeport Power Limited**

- in the \$196 million first-lien financing by its owners GDF Suez Energy North America and Toyota Tsusho Corporation, of an approximately 440 MW rated gas-fired combined cycle power plant located on-site at Dow Chemical's Oyster Creek chemical complex in Freeport, Texas

## **Grand Parkway Transportation Corporation (GPTC)**

- as disclosure counsel in connection with a refinancing of outstanding obligations to achieve present value debt service savings of \$395 million with the issuance of \$2.3 billion in taxable and tax-exempt refunding bonds to refinance a \$944 million TIFIA loan (Transportation Infrastructure Financing and Innovation Act, a borrowing program administered by the US Department of Transportation), as well as other outstanding debt

## **Harmony HB Limited**

- in the first-of-a-kind financing for the Holes Bay Battery Energy Storage Project in Dorset, UK

## **Harris County Cultural Education Facilities Finance Corporation**

- as bond counsel in connection with the issuance of \$52.39 million Revenue Refunding Bonds (Texas Medical Center) Series 2019A and \$39.11 million Taxable Revenue Refunding Bonds (Texas Medical Center) Series 2019B

## **Holly Energy Partners, L.P.**

- in connection with its formation with Plains All American Pipeline of a 50/50 joint venture, Cushing Connect Pipeline & Terminal LLC

## **Housing Authority of the City of El Paso, Texas**



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- as bond counsel to issuer in connection with \$50 million of Alamito Public Facilities Corporation Multifamily Housing Revenue Bonds, Series 2016 (HACEP RAD Conversion Program Phase III-A Project)

## **Houston Independent School District**

- as disclosure counsel in connection with \$848.740 million Limited Tax Schoolhouse and Refunding Bonds, Series 2017

## **HPS Investment Partners, LLC**

- in the \$210 million secured note facility to HMS Kingfisher HoldCo, LLC and ARM Midstream, LLC, as well as an equity investment in the related operating company, to fund the development and construction of a crude oil pipeline and gas gathering and processing facilities

## **La Paloma Generating Company, LLC**

- in the \$412 million first-lien and second-lien term and working capital project finance facilities regarding its 1,022 MW combined-cycle electric generation facility

## **Macquarie Bank Limited**

- on the project financing of a diverse portfolio of roof-top solar installations for Just Energy Group Inc.'s subsidiary, Hudson Solar
- on the project financing of Juniper GTL, LLC's gas-to-liquids plan in Westlake, Louisiana

## **Marubeni Corporation and Aljomaih Energy & Water Company**

- in the financial closing of the Rabigh 300 MW solar photovoltaic IPP in Saudi Arabia — Middle East & Africa ESG Platform Deal of the Year, 2021 PFI Awards
- Project Finance Deal of the Year Finalist, 2021 IFLR Middle East Awards

## **Marubeni and Total Solar**

- in the development and implementation of the 800.15 MW Al Kharsaah solar photovoltaic independent power project, the first utility-scale renewables IPP in Qatar — Project Finance Deal of the Year, 2021 IFLR Middle East Awards

## **Marubeni Corporation and Kyushu Electric consortium**

- regarding its bid for Facility E 2.3 GW and 100 MIGD IWPP in Qatar — arguably the largest utilities project currently under tender in the Middle East, with an estimated capex value just shy of \$3 billion

## **Midtown Redevelopment Authority**

- as counsel in connection with an agreement regarding the development and construction of a single level underground parking garage that will provide approximately 400 public parking spaces on property along Main Street in downtown Houston

## **Mission Economic Development Corporation**

- as bond counsel to issuer in connection with \$336.430 million Senior Lien Revenue Bonds (Natgasoline Project) Series 2018
- \$50 million Mission Economic Development Corporation Senior Lien Revenue Bonds (Natgasoline Project), Series 2016A
- \$202.885 million Mission Economic Development Corporation Senior Lien Revenue Bonds (Natgasoline Project), Series 2016B

## **Navigator CO2 Ventures LLC, a portfolio company of BlackRock**

- in the development of an industrial scale carbon capture pipeline system of more than 1,200 miles of new carbon dioxide gathering and transportation pipelines across five Midwest states (Nebraska, Iowa, South Dakota, Minnesota and Illinois) with the capability of permanently storing up to 5 million metric tons of carbon dioxide per year

## **New Age**

- in its capacity as operator of the Etinde offshore gas field in Cameroon on all aspects of the project, including joint venture arrangements, host government agreements, project documents and financing arrangements

## **North Texas Tollway Authority**

- as bond counsel and disclosure counsel in connection with the issuance of \$192.105 million First Tier Revenue Refunding Bonds, Series 2020A
- \$517.145 million First Tier Revenue Refunding Bonds, Taxable Series 2020B
- \$52.705 million Second Tier Revenue Refunding Bonds, Series 2020C

## **Permian Highway Pipeline, LLC**

- a joint venture between Kinder Morgan Texas Pipeline and EagleClaw Midstream Ventures in the development of a \$2 billion intrastate natural gas pipeline system in Texas

## **Phillips 66 Partners**

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- in the development of the Gray Oak Project, a new crude oil pipeline project to bring crude oil from the Permian Basin in West Texas to market destinations in Corpus Christi and the Houston area
- in the formation of 50/50 joint venture, Bluewater Texas Terminal LLC, with Trafigura Group Pte. Ltd. to develop an offshore deepwater port project in the Port of Corpus Christi

## **Plum Point Energy Associates LLC**

- on the restructuring of the \$819 million secured construction and term financing for its 665 MW coal-fired power generation facility located in Osceola, Arkansas

## **Premier Oil Sea Lion Development and its joint venture partners**

- in connection with the proposed project financing of the Sea Lion offshore oil field development in the North Falkland basin

## **Rockland Capital, LLC**

- on the acquisition of \$263 million term and project financing of the Michigan Power electric generation project, including development of an innovative secured gas hedging and credit support structure for fuel supply for the project

## **Rockland Capital, LLC, Lakeswind Power Partners, Sabine Cogen and Eagle Point Power**

- on multi-project project financing of a wind power project and two gas-fired generation projects

## **Siraj Energy, Marubeni Corporation and Total Solar**

- in the development and implementation of the 800.15 MW AL Kharsaah solar photovoltaic IPP — first utility-scale renewable IPP in Qatar

## **Sol Systems**

- in a joint venture with Microsoft to develop over 500 MW of solar projects in under-resourced US communities

## **Star America Infrastructure Partners, LLC, Edgemoor Infrastructure & Real Estate LLC and Hayat Brown LLC**

- as a consortium, in their bid for a P3 contract for the design, construction and long-term maintenance of six public schools in Prince George's County, Maryland

## **Storegga Geotechnologies**

- on its acquisition of Pale Blue Dot Energy, a lead developer of the Acorn Carbon Capture and Storage Project at the St Fergus Gas Terminal in the UK, as well as on the second round of equity financing

## **Sumitomo Mitsui Banking Corporation**

- as lead arranger and agent, in the project financing of the acquisition of a 121 MW dual fueled combined cycle power plant located in Florida with a short term remaining on its existing tolling arrangement

## **TC Energy Corporation**

- as US counsel in connection with the Government of Alberta's \$1.1 billion equity investment and \$3.54.2 billion loan guarantee to support construction of the Keystone XL crude oil pipeline

## **Texas Medical Center**

- in the development of a 28-acre biomedical innovation and commercialization campus known as TMC3

## **Texas Water Development Board**

- as disclosure counsel to issuer in connection with \$1 billion State Water Implementation Revenue Fund for Texas Revenue Bonds, Series 2017A (Master Trust) and \$18.9 million State Water Implementation Revenue Fund for Texas Revenue Bonds, Taxable Series 2017B

## **Utico**

- Lenders to the Utico-led consortium, the lead bidder on read out, in its bid for the 120 MIGD Hassyan Independent Water Project in Dubai

## **Vestas Wind Systems**

- on the 300 MW Lake Turkana wind projects — the largest single private investment in Kenyan history and one of the largest onshore wind farms in Africa

## **Yuhuang Chemical, Inc.**

- in the project development and financing of a \$1.85 billion greenfield methanol project in Louisiana

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## **Recognition**

We work on cutting-edge transactions, which consistently receive awards from *IJ Global* and *Project Finance International*. We are the only firm to be named Infrastructure and Energy Projects Team of the Year more than once at the annual Middle East Awards (2017, 2018, 2021). Our project development and finance lawyers and practice also receive top recognitions from *Chambers*, *Legal 500* and other leading legal publications.

## **Chambers Global**

- Africa-wide Projects & Energy
- Middle East-wide Projects & Energy
- UK Energy & Natural Resources: Oil & Gas
- UK Energy Sector (International & Cross-Border)
- USA Energy Sector (International & Cross-Border)
- USA Electricity Transactional
- USA Oil & Gas Transactional
- USA Projects

## **Chambers UK**

- UK-wide Energy & Natural Resources: Oil & Gas
- UK-wide Projects

## **Chambers USA**

- Nationwide Electricity Transactional
- Nationwide Oil & Gas Transactional
- Nationwide Projects: Oil & Gas
- Nationwide Projects: Power & Renewables: Transactional
- Nationwide Projects: PPP

## **IFLR1000**

- UK Project Development: Oil & Gas (Tier 1)
- UK Project Development: Power
- UK Project Finance
- US Project Development: Oil & Gas
- US Project Development: Power
- US Project Finance

## **Legal 500 EMEA**

- UAE Infrastructure and Projects

## **Legal 500 UK**

- Emerging Markets
- Oil & Gas
- Power

## **Legal 500 US**

- Project Finance: Advice to Lenders
- Project Finance: Advice to Sponsors
- Energy: Renewable/Alternative Power
- Energy Transactions: Electric Power
- Energy Transactions: Oil & Gas

## **U.S. News – Best Lawyers**

- National Energy Law (Tier 1)
- National Oil & Gas Law (Tier 1)
- National Project Finance Law (Tier 1)
- National Public Finance Law (Tier 1)
- Austin Energy Law (Tier 1)
- Austin Public Finance Law (Tier 1)
- Austin Water Law (Tier 1)
- Dallas/Fort Worth Public Finance Law (Tier 1)
- Houston Energy Law (Tier 1)
- Houston Natural Resources Law (Tier 1)
- Houston Oil & Gas Law (Tier 1)
- Houston Project Finance Law (Tier 1)
- Houston Public Finance Law (Tier 1)
- New York Energy Law (Tier 1)
- Washington, DC Public Finance Law