

Global Renewable Energy & Sustainability

WE KNOW ENERGY®



BRACEWELL

Global Renewable Energy & Sustainability

Bracewell is committed to providing an outstanding level of service. In 2023, *Chambers USA* shortlisted Bracewell LLP for Energy & Projects Law Firm of the Year and Environment Law Firm of the Year for its annual *Chambers USA* Awards.

Chambers Global

- Middle East-wide in Projects & Energy
- United Arab Emirates in Corporate/Commercial & Commercial Contracts
- United States in Energy: Electricity (Regulatory & Litigation), Energy: Electricity (Transactional), and Projects: Power & Renewables: Transactional
- United Kingdom in Energy Sector (International & Cross-Border)
- Africa-wide in Projects & Energy

Chambers UK

- UK-wide in Projects

Chambers USA

- Nationwide in Energy: Electricity (Regulatory & Litigation), Energy: Electricity (Transactional), Energy: Electricity (Finance) and Projects: Power & Renewables: Transactional: Offshore Wind Energy: Energy Transition

The Legal 500 EMEA

- Construction, and Infrastructure and Projects

The Legal 500 United Kingdom

- Power (including Electricity, Nuclear and Renewables), Emerging Markets, Energy and Infrastructure, Construction: Non-Contentious, Commercial Litigation: Premium, and International Arbitration, Bank Lending: Investment Grade Debt and Syndicated Loans

The Legal 500 United States (Legalease)

- Energy Transactions: Electric Power, Energy: Regulatory: Electric Power, Energy: Renewable/Alternative, Energy: Litigation, Project Finance and M&A: Large Deals (\$1-plus Billion)

International Financial Law Review 1000

- United Arab Emirates in Project Finance
- United States in M&A and Project Finance
- United Kingdom in Project Development: Power and Project Finance

"Exceptional lawyers with great experience and a pragmatic approach to bidding and closing projects."

- *Chambers Global 2021*

"They are enjoyable to work with, commercial and very familiar with what is going on in the market. The team is well balanced in terms of the talents they bring to a negotiation."

- *Chambers USA 2021*

"Bracewell is a strong team with breadth and depth of experience. They are capable of mobilizing at a moment's notice and following through no matter what it takes."

- *Chambers USA 2021*

"The team has an encyclopaedic understanding of the terms of deals combined with a real-world, pragmatic and commercial approach."

- *Chambers UK 2022*

"A diversified team with broad experience and best-class service delivery."

- *The Legal 500 UK 2022*

"The team is proactive in dealing with the needs of clients, both in terms of ongoing advice but also new opportunities. They understand our needs and challenges."

- *The Legal 500 UK 2022*

"A core focus on energy means that they are very knowledgeable and well connected in this area."

- *The Legal 500 UK 2022*

We Know Energy®



Bracewell is a leading international law firm with an award-winning power practice. A cornerstone of that practice is the execution of renewable energy projects as well as emerging technology projects such as battery storage and hydrogen.

We Know Energy® is not just our tagline, it is our central tenet. Bracewell is a recognised global leader in the renewable energy sector and we are particularly proud of our renewable energy team, which frequently works on "first-of-a-kind" transactions for high-profile clients and is setting the standard in the market for legal excellence and transaction execution.

Our power team is a global leader on projects across the full spectrum of the renewable energy sector and applies their in-depth local and regional knowledge to deliver commercially orientated legal excellence on every transaction. Our extensive experience results in a pragmatic, constructive and commercially orientated approach that will assist our clients to identify issues, find practical solutions, analyse risk allocation, prepare competitive bids, thoroughly diligence potential acquisitions and successfully develop or acquire projects.

Our renewable energy practice includes experienced tax attorneys who regularly advise on federal tax credits available for renewable energy projects and tax-efficient structuring for energy project development and financing including the monetization of tax credits.

We have experience acting for the full spectrum of participants in the renewable energy sector, including sponsors and developers, independent power producers, utilities, lenders (including DFIs, multilaterals, ECAs, commercial banks and Islamic lenders), governments, private equity and infrastructure funds, service companies and contractors.

Bracewell's industry focus enables our lawyers to maintain state-of-the-art knowledge of the commercial and legal challenges faced by our clients, as well as utilise their extensive "on-the-ground" expertise, to provide innovative solutions that are considerate of local requirements and precedents.

2021

The Middle East Legal Awards
Winner – Infrastructure and Energy
Projects Team of the Year

Solar



- **Actis** — establishment of Aela Energia, a \$1.4 billion renewable energy platform in Chile and the acquisition by the platform of the Negrete, Aurora and Sarco projects*
- **Actis** — establishment of Lekela Power, a \$1.9 billion renewable energy platform in Africa and the acquisition by the platform of three projects from Round 3 of the South African Renewable Energy Independent Power Producers Procurement Programme, Taiba N'Diaye project in Senegal, the Ayitepa project in Ghana and a Gulf of Suez project in Egypt, as well as the participation of the platform in a bid for projects in Zambia and Senegal*
- **Al Abdaliyah Integrated Solar Combined Cycle Project** — RWE with respect to its bid in respect of the Al Abdaliyah Integrated Solar Combined Cycle Project in Kuwait
- **Algonquin Power** — structured long-term hedges for the purchase and sale of capacity, renewable energy credits and financial power in connection with the construction of a 113 MW solar plant in Virginia
- **Al Kharsaah IPP** — Marubeni Corporation and Total Solar in the development, implementation and financing of the 800.15 MW Al Kharsaah Solar PV Independent Power Project in Qatar
- **Arabia One (Seven Sisters) Solar PV Project** — Hanwha Engineering & Construction Company and Arabia Trading & Consulting Company consortium on the development, construction and project financing of the project
- **Aviva** — acquisition of a roof mounted solar portfolio, United Kingdom*
- **Benban Solar Projects** — Alcazar Energy Partners on the project financing, drafting and negotiating EPC and O&M contracts and related contracts of four solar 50 MW projects in Egypt (AEES1, Delta, Horus and Aten) procured in Round 2 of the Renewable Energy Feed-in-Tariff (FiT) program
- **Cairo Solar 50 MW Solar PV Project** — Globeleq in respect of a 50 MW Solar PV project procured pursuant to Round 1 of the Egypt FiT program
- **Capital Dynamics** — acquisition of multiple portfolios of solar development assets with an aggregate generation capacity in excess of 120 MW
- **Cerro Dominador** — EIG in connection with the \$800 million project financing of a 100 MW PV solar plant and 110 MW concentrated solar power (CSP) solar plant in Chile, the first project financing of a CSP solar plant in Latin America
- **Cubico Sustainable Investments (owned by Ontario Teachers' Pension Plan and PSP Investments)** — sale of a 49 percent stake in its 250 MW UK portfolio of renewable energy assets to GLIL Infrastructure LLP*
- **ENGIE Development, LLC** — negotiation of asset purchase agreement for the bid-contingent acquisition of three solar development projects from Urban Grid Solar Projects, LLC
- **Financial sponsors** — bids for the World Bank's Scaling Solar projects in sub-Saharan Africa*
- **Globeleq** — development and financing of its Round 1 REIPPP projects, South Africa*
- **Integrus Energy Group, Inc.** — sale of a portfolio of over 50 distributed solar projects to TerraForm Power
- **Invenergy LLC** — build transfer sale, subject to state regulatory approvals, of the Fairbanks solar project, a 250 MW solar energy generating facility to be developed and constructed by Invenergy in Sullivan County, Indiana, to a subsidiary of Northern Indiana Public Service Company, LLC
- **Investor owned utility** — structured 12 year supply arrangement for the purchase and sale of renewable energy credits and physical power generated from a solar facility and sold to a data mining facility
- **Issuing bank** — letter of credit program for the project financing of a utility scale solar project where PG & E is the offtaker

- **Ma'an Solar PV Project** — Alcazar Energy Partners on its acquisition of the project from SunEdison
- **Macquarie Bank Limited** — project financing of a diverse portfolio of roof-top solar installations for Just Energy Group Inc.'s subsidiary, Hudson Solar
- **Masrik-1 Solar Project** — Fotowatio Renewables Venture on the project finance aspects of a 55 MW solar project in Armenia
- **MUFG** — approximately \$70 million construction financing for the Shoreham Solar Commons generating facility developed by Invenergy Clean Power on Long Island under contract with LIPA
- **NRG Energy, Inc.** — sale to a subsidiary of Clearway Energy Inc. of its remaining 35 percent ownership interest in the Agua Caliente solar project in Dateland, Arizona
- **NRG Energy, Inc.** — acquisition from SunPower Corporation, Systems of the 250 MW California Valley Solar Ranch PV solar project, which closed in connection with a \$1.3 billion loan from the US Department of Energy's federal loan guaranty program
- **Octopus Investments** — partnership with Korea Investment & Securities with respect to the ownership and management of 15 UK solar power assets*
- **OMA IPP** — sponsors on the gas fired OMA IPP, and the purchase and development of a solar IPP Nigeria*
- **Private equity sponsor** — structured 12 year supply arrangement for the purchase and sale of renewable energy credits and physical power generated from a solar facility and sold to a crypto mining facility
- **Recurrent Energy** — project development matters for multiple solar projects in California and Texas
- **REPDO 2 Category B 1.4 GW solar PV IPPs** — Marubeni Corporation and Al Jomaih Energy and Water Company consortium as the winning bidder for the Rabigh 300 MW solar PV IPP, tendered under the second round of the Saudi Arabian National Renewable Energy Program
- **REPDO Round 3 Saad Solar PV IPP** — lenders to Jinko Solar in relation to the development and financing of a 300 MW solar PV project in Saudi Arabia
- **Safawi Solar PV Project** — Fotowatio Renewable Ventures led consortium on the development, construction and project financing of the Safawi Solar PV Project in Jordan
- **Sakaka Solar PV Project** — lenders to a consortium led by ENGIE in respect of its bid for the Sakaka Solar PV Project in Saudi Arabia
- **Samarkand and Jizzakh Scaling Solar IPPs (tendered by IFC)** — major Chinese conglomerate with respect to its bid for the 180-220 MW solar PV IPP in Samarkand and 200-220 MW solar PV IPP in Jizzakh
- **Scaling Solar Project** — bidder on an IFC Scaling Solar project, Senegal*
- **Skylar Energy** — acquisition of a 180 MW solar project development in Nevada
- **Sol Systems, LLC** — minority investment from KKR to scale Sol Systems' Impact + Infrastructure approach and the formation of a strategic partnership with a commitment from KKR of up to \$1 billion to acquire shovel-ready solar development projects
- **Sol Systems, LLC** — initiative with Microsoft to develop over 500 MW of solar projects in under-resourced communities in the United States and to create a first-of-its-kind community investment fund
- **Sol Systems, LLC** — joint venture with Capital Dynamics for the formation of Sol Customer Solutions, which will provide large pools of institutional capital direct exposure to the US distributed generation market
- **Sol Systems, LLC** — joint venture with Nationwide Mutual Insurance Co. for the formation of the Helios Infrastructure Fund, which will acquire and own over 330 MW of utility and commercial solar assets
- **South Rabigh Renewable Energy Company** — project company to the Rabigh 300 MW IPP as an ongoing mandate
- **Starbucks Corporation** — equity investment into a development stage solar project in Robeson, North Carolina
- **Tozzi Renewable Energy and Ergon Peru (SAC)** — bridge loan and term loan facilities to finance the development, construction, installation, operation and maintenance of certain autonomous PV panels in areas not connected to the interconnected network of Peru under three "Investment Agreements" entered into with the Government of Peru, acting through the Ministry of Energy Mines, under a new structure for solar in Peru
- **Wadi Al Dawaser 120 MW solar PV IPP** — Total Energies and Tamasuk consortium in relation to the development and financing of a solar PV project in Saudi Arabia

* Work completed prior to Bracewell

Wind



- **84 MW Al Rajef Wind Project** — Alcazar Energy Partners in relation to the acquisition, development and project financing pursuant to Jordan's renewable energy program
- **151 MW Ustka Wind Farm** — UniCredit Bank AG in relation to the financing of construction of the 151 MW Ustka Wind Farm which will be the largest in Poland, including advice on the turbine supply and service and availability agreements and electrical and civil contracts
- **Actis** — acquisition of BioTherm Energy, a pan African renewable energy business, from Denham Capital and the acquisition of the Kipeto wind farm in Kenya*
- **Actis** — establishment of Lekela Power, a \$1.9 billion renewable energy platform in Africa and the acquisition by the platform of three projects form Round 3 of the South African Renewable Energy Independent Power Producers Procurement Programme, Taiba N'Diaye project in Senegal, the Ayitepa project in Ghana and a Gulf of Suez project in Egypt, as well as the participation of the platform in a bid for projects in Zambia and Senegal*
- **Algonquin Power** — structured 12 year virtual power purchase agreement for the purchase and sale of renewable energy credits and financial power produced from a wind farm in Blair County, Pennsylvania
- **Commodity trading arm of major financial institution** — 12-year hedge transaction in connection with a 160 MW repowering project in Tom Greene County, Texas
- **Corriegarth** — Invenergy on the financing of the Corriegarth 80 MW onshore wind farm, United Kingdom*
- **Corriegarth** — Invenergy LLC on the sale of Corriegarth, its onshore renewable wind project in Scotland, to Greencoat UK Wind PLC*
- **Cubico Sustainable Investments (owned by Ontario Teachers' Pension Plan and PSP Investments)** — sale of a 49 percent stake in its 250 MW UK portfolio of renewable energy assets to GLIL Infrastructure LLP*
- **DIF Infra and Idaho Wind Partners** — project financing of a 183 MW portfolio of wind generation projects under contract with Idaho Power, and refinancing of the portfolio in connection with the acquisition by DIF Infra of the balance of equity in the projects from Macquarie in July, 2019
- **Dudgeon** — Statkraft in relation to certain financing and project development aspects in relation to its investment in the 402 MW Dudgeon Offshore Wind Farm in the UK
- **Dumat Al Jandal** — lenders to a consortium led by ENGIE in respect of its bid for the Dumat Al Jandal Wind Project in Saudi Arabia
- **Eni S.p.A.** — £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
- **Eni S.p.A.** — £140 million acquisition of a 20 percent interest in the Dogger Bank (C) 1.2 GW offshore wind farm project from Equinor and SSE
- **Equinor** — \$1.1 billion sale of a 50 percent interest in two US offshore wind development projects to BP, including formation of a partnership to develop and operate the Empire Wind project offshore New York and Beacon Wind project offshore Massachusetts, which together could generate up to 4.4 GW
- **Equinor Wind US/Empire Wind** — federal leasing and permitting for major wind development projects offshore New York, from initial lease auction forward to date
- **EWO Wind II, LLC and Entergy Power Gas Operations, LLC** — sale of Top Deer Wind Ventures, LLC, owner of two 80 MW wind facilities located in Texas and Iowa, respectively, to Blue Marlin Energy Holdings, LLC

- **Fujeij Wind IPP** — KEPCO on its successful bid to develop a 90 MW wind IPP in Fujeiej (this project was aborted and resurrected under the Direct Proposal regime)
- **Gamesa Wind LLC** — financing of two wind projects in Honduras and Costa Rica
- **Hornsea 1** — Global Infrastructure Partners in relation to their acquisition and acquisition/project financing of a 50 percent interest in the £4.46 billion 1.2 GW Hornsea 1 offshore wind project, with Orsted, the largest single renewable asset project financing ever (PFI Institutional Project of the Year 2018)*
- **Iberdrola S.A.** — partnership with Svea Vind offshore AB which will enable Iberdrola to take up a majority stake in up to 9 GW of offshore wind projects in Sweden*
- **Invernergy LLC** — build-transfer sale of a wind energy generating facility in Atchison County, Missouri, with a total capacity of up to 300 MW to Ameren Missouri
- **Invernergy and energyRe** — as project sponsors, in forming a consortium of investors that secured one of six leases in the New York Bight offshore wind auction
- **JPM Asset Management, Infrastructure Investments Fund** — £680 million debt platform financing of a portfolio of onshore wind and mixed renewable assets acquired by its portfolio company Ventient Energy, creating one of the largest onshore wind platforms in the UK*
- **Lamsa 50 MW wind project** — Inframed Infrastructure-led consortium in Round 3 of the wind IPP in Jordan
- **Large financial investor** — negotiation of potential equity investment with the sponsor of the Cape Wind project
- **Lekela Power** — acting for Mauritius Commercial Bank and ABSA Bank as arrangers, bookrunners and structuring banks for the multi-currency, structurally subordinated holdco financings to a consortium led by Infinity Power and AFC for the acquisition of Lekela Power and its \$2 billion pan-African portfolio of renewable energy projects from Actis, a leading emerging markets private equity firm
- **Lekela Power** — development and financing of a wind farm in Egypt*
- **Private equity sponsor** — acquisition from Lincoln Clean Energy of a portfolio of two 230 MW wind farm projects located in Haskell and Wilbarger counties in Texas, each with 100 GE 2.3-116 wind turbines, 13-year offtake agreements with Bank of America Merrill Lynch, and long-term fixed-price service agreements from GE
- **Private equity sponsor** — development of a 100 MW wind farm located in Paulding County, Ohio equipped with GE 2.5-116 wind turbines, and negotiation of a PPA to sell 100 percent of its output to General Motors
- **PROPARCO, FMO and DEG** — financing of the construction and operation of a wind farm in Uruguay
- **Rabobank, National Australia Bank and Siemens Financial Services** — construction and letter of credit facility for an approximately 200 MW wind farm being constructed by Macquarie Capital (USA) outside Amarillo, Texas (ERCOT) with both an energy and a basis hedge
- **Rockland Capital** — acquisition of four wind development projects in Texas and Montana with approximately 700 MW of generation capacity
- **Shoubak Wind Project** — Alcazar Energy Partners in relation to the acquisition, development and project financing in Jordan procured pursuant to Jordan's renewable energy program
- **Tafila Wind IPP** — KOSPO in connection with its bid for the 59 MW Tafila/Wind IPP as part of the "direct proposal" regime
- **Tarfaya 300 MW onshore wind project** — group of lenders in relation to contracts for the supply, delivery and installation of wind turbines and the associated maintenance contracts in connection with the financing of the 300 MW Tarfaya Wind Farm project in Morocco
- **Taza IPP wind project** — lenders including BTMU, JBIC, NEXI and SMBC in relation to contracts for the supply, delivery and installation of wind turbines and the associated maintenance contracts in connection with the financing of the 150 MW Taza Wind Farm
- **Unregulated subsidiary of a public utility** — acquisition of four wind farm developments located in the Southern United States totaling \$1.5 billion in acquisition cost and approximately 832 MW of generation capacity
- **Vestas Wind Systems A/S** — EPC contract, long-term service contract and associated documents for the 300 MW Lake Turkana wind project, one of the largest onshore wind farm developments in Africa and the largest single-private investment in Kenya's history

* Work completed prior to Bracewell

Energy Storage



- **Fotowatio Renewable Ventures** — limited recourse project financing of the 34 MW Contego and 99 MW Clay Tye battery energy storage projects in the United Kingdom
- **8minutenergy Renewables and multiple renewable developers** — wide range of physical and financial offtake arrangements and energy storage agreements
- **Actis** — joint development arrangements for the development of a wind and battery storage facility, Kenya*
- **Clay Tye Battery Storage Projects** — Fotowatio Renewable Ventures on its acquisition of interests in the two Clay Tye 49.5 MW utility battery storage projects located in the UK, to be constructed and operated by Tesla
- **Contego Battery Storage Project** — Fotowatio Renewable Ventures and Harmony Energy in connection with the development of a 34 MW/68 MWh utility scale battery storage project, to be constructed and operated by Tesla in the UK
- **Developer** — agreement for the supply and installation of battery storage system for a municipality in California
- **Fotowatio Renewable Ventures** — joint venture agreement and related arrangements with a developer in respect of acquiring and developing further UK battery storage projects to add to its growing portfolio
- **Helios Energy Investments** — acquisition of interests in two 25 MW UK battery storage projects and on its shareholder arrangements with the developer including in respect of acquiring and developing further UK battery storage projects
- **Holes Bay Battery Storage** — Fotowatio Renewable Ventures and Harmony Energy in connection with the project financing of their 15 MWh utility scale battery storage project in the UK
- **Independent investment manager** — joint venture with a designer, installer and operator of battery storage systems
- **Independent investment manager** — working capital loan to a designer, installer and operator of battery storage systems
- **Invenenergy LLC** — 50 MW battery project to be connected to APS' solar power plant in Arizona
- **Jordan MW/60 MWh Energy Storage Project** — European Bank for Reconstruction and Development in respect of the assessment of various bids for 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)
- **Jordan MW/60 MWh Energy Storage Project** — Alcazar Energy Partners on their bid for 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)
- **Matrix Renewables S.L.U.** — arrangements with a developer in respect of acquiring and developing a portfolio of UK battery storage projects
- **Private equity fund** — procurement and construction of a battery storage system located in California
- **Rockland Capital** — sale of two 20 MW flywheel energy storage projects to Convergent Energy and Power
- **Selcoms DWC LLC** — numerous governmental and private power storage solutions programmes, including the likes of Dubai Electricity and Water Authority in the UAE
- **Xtreme Power Solutions** — variety of transactional, litigation, real estate and intellectual property matters and disputes in Texas, US

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Hydrogen



Projects

- **Major midstream company** — advise on regulatory and commercial issues for a midstream company seeking to construct a new interstate, cross-border hydrogen pipeline
- **Major national pipeline company** — serve as project counsel on the development of multiple hydrogen production facilities utilizing natural gas and employing carbon capture equipment to reduce net carbon emissions as well as pipeline systems to transport the produced hydrogen. Investors include three major US oil and gas companies providing cash capital as well as natural gas to the facilities
- **Powertech Labs, Inc.**— advise a subsidiary of Canadian Crown Corporation with respect to the proposed sale of mobile hydrogen refueling stations for third party installation and use in the United States, and advise on related contractual and regulatory issues
- **Major midstream company** — advise on regulatory and commercial issues related to pipeline company's plans to convert its existing interstate natural gas pipeline to hydrogen service
- **Major midstream company** — advise on regulatory and commercial issues relating to an existing interstate natural gas pipeline seeking to commingle hydrogen with its gas stream and establish new hydrogen transportation service and rates
- **Major midstream company** — advise on regulatory and commercial issues for a midstream company seeking to construct and operate a new interstate pipeline delivering a mixed stream of natural gas and hydrogen

- **Major midstream company** — preparation of a comprehensive memorandum summarizing economic, environmental, siting, construction and operational requirements applicable to hydrogen pipelines and pipelines transporting a commingled stream of natural gas and hydrogen

Environmental

- **Internationally-recognized hydrogen producer** — serve as outside environmental general counsel providing advice on environmental permitting, compliance, auditing and enforcement defense for hydrogen facilities located across the United States
- **Major global industrial gas manufacturer** — advise on siting, environmental permitting, and development issues associated with a new steam methane reformer facility constructed in Nevada to provide hydrogen fuel for the California market
- **Major global industrial gas manufacturer** — advise and perform the due diligence on the real estate, regulatory, environmental, and permitting aspects of several recent acquisitions of air gas pipelines and of natural gas pipeline for conversion to air gas service
- **Major global industrial gas manufacturer** — advise on the environmental aspects of the \$10 billion acquisition of a leading U.S. distributor of industrial, medical, and specialty gases and successfully guided the company through a "new owner audit" of environmental compliance of the acquired facilities under Major Global Industrial Gas Manufacturer agreement with the US EPA, resolving numerous disclosed findings without penalty

- **Industrial complex** — advise in connection with air permitting and other environmental regulatory aspects of modifications and expansion to large Texas industrial complex including steam methane reforming, air separation, and cogeneration facilities
- **Major global industrial gas manufacturer** — defend company in Risk Management Program/Process Safety Management enforcement and compliance actions at multiple steam methane reforming and other industrial gases facilities including successful negotiation of Consent Decree with US EPA and implementation of enhanced RMP auditing program
- **Major global industrial gas manufacturer** — defend company to a favorable resolution against a hazardous waste enforcement action brought by US EPA in connection with catalyst waste management at company's South Texas steam methane reforming facility
- **Major global industrial gas manufacturer** — defend company in Risk Management Program/Process Safety Management enforcement and compliance actions at multiple steam methane reforming and other industrial gases facilities including successful negotiation of Consent Decree with US EPA and implementation of enhanced RMP auditing program

Intellectual Property

- **National and international energy companies and manufacturers** — advise on hydrogen technologies and patent prosecutions for development, production and use of hydrogen throughout the energy supply chain

Policy

- **Air Liquide USA LLC** — engagement with federal policymakers to create opportunities and demand for hydrogen; efforts have resulted in several pieces of legislation promoting the use of hydrogen in production, energy storage, and transportation as well as recognition by senior leadership in the Administration.
- **Fuel Cell and Hydrogen Energy Association** — lead engagement with Congress and the Administration on federal tax policy, including the development of a hydrogen production tax credit that has received broad support from Congressional leadership; engage with Congress and the Administration on hydrogen energy policy through the Congressional appropriations process.
- **Plug Power** — advise on federal tax policy affecting hydrogen production and use; lead engagement with Congress and the Administration on hydrogen infrastructure issues; lead engagement with international governments and partners to promote use of hydrogen globally; efforts have led to the advancement of multiple hydrogen energy projects across the globe.
- **The Coalition for Renewable Natural Gas** — advise on hydrogen and biogas tax policy
- **EnergyForward** — advise on hydrogen and tax policy affecting the power sector, including engagement with the Administration on infrastructure funding.
- **Power Generation Development Company** — advise on engagement with federal government to develop support for the use of hydrogen to decarbonize existing power generation assets
- **Retail Electricity and Power Generation Company** — lead engagement with the U.S. Department of Energy to help shape hydrogen programs included in the Bipartisan Infrastructure Law

Hydro & Tidal



- **Alcoa Power Generating Inc.** — sale of four hydroelectric power plants totaling 215 MW to Cube Hydro Partners
- **Alcoa Power Generating Inc.** — \$600 million sale of Alcoa's 378 MW Tapoco hydroelectric project to Brookfield Renewable Energy Partners
- **Alternative Investment Managers** — establishment of a pan-African hydro power joint venture platform known as Hydronéo*
- **Bumbuna II** — Joule Africa on the development and financing of the 143 MW Bumbuna II hydro power project, Sierra Leone*
- **Bujagali HPP** — lenders (including IFC, AFDB, Proparco, CDC, DEG FMO, ABSA and NedBank) on the financing of the Bujagali II hydro power project, Uganda*
- **ENGIE/GDF SUEZ S.A./International Power** — sale of its stake in MeyGen Limited, a tidal power project in the United Kingdom*
- **Iberdrola S.A.** — sale of Scottish Power Generation with its portfolio of pumped storage, hydro and gas-fired power generation assets to UK-listed Drax Group plc for £702 million*

* Work completed prior to Bracewell

Biomass



- **Affiliate of Abengoa Bioenergy** — financing of the Hugoton (Kansas) combined cellulosic ethanol production facility and related biomass-fired power plant under a project financing by the Federal Financing Bank guaranteed by the US Department of Energy under the Section 1705 DOE Loan Guaranty program
- **Biomass project developer** — development of biomass-fired projects in California
- **Investec** — commercial lender under an EKF guaranteed project finance facility to Evermore Renewable Energy, a portfolio company backed by Gravis and Foresight Group private equity on the construction and development of an 18 MW biomass power plant in Northern Ireland UK*
- **Lenders** — EPC and operation and maintenance aspects of a proposed 50 MW biomass power plant project in Wales to be project financed
- **Lenders** — construction and O&M aspects of proposed biomass facilities in the UK
- **Sacyr Industrial USA LLC** — negotiation of EPC contracts for the remodeling of two biomass power plants in North Carolina
- **Sponsors** — EPC contract and O&M aspects of proposed 300 MW biomass facility in the UK including all of its tendering documentation as well the documentation for the two stage contracting from FEED to EPC stage and the EPC contract and ancillary documentation

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Carbon Capture



- **Navigator CO₂ Ventures LLC** — 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 and a CO₂ storage facility
- **Talos Low Carbon Solutions LLC** — development of the Gulf Coast carbon capture and storage projects along the US Gulf Coast and Texas state waters in the Gulf of Mexico, including the project offshore Jefferson County, Texas with a lease from the Texas General Land Office as well as Freeport and the Port of Corpus projects
- **Talos Low Carbon Solutions LLC** — lease of a Jefferson County, Texas carbon storage site located near Beaumont and Port Arthur, Texas and development of over 40,000 gross acres located offshore in Texas state waters in the Gulf of Mexico for carbon sequestration. Bracewell's engagement includes advice with respect to lease negotiations, land rights, Code section 45Q credits, environmental credits and corporate advice with respect to its joint venture with a carbon capture and storage project development and finance company.
- **Gulf Coast Sequestration** — development of a carbon capture and storage facility capable of storing up to four million metric tons of carbon dioxide per year for at least 30 years with what is expected to be the first Class VI UIC permit granted for purposes of qualification for credits under Code section 45Q following the expansion of Code section 45Q under the Bipartisan Budget Act of 2018. Bracewell's engagement includes strategic and regulatory advice regarding the Class VI UIC permit application submitted to EPA in fall of 2020 and over three years of regulatory advocacy with respect to the project with EPA.
- **Storegga Geotechnologies** — acquisition of Pale Blue Dot Energy, the lead developer of the Acorn Carbon Capture and Storage Project at the St Fergus Gas Terminal in the UK
- **Storegga Geotechnologies Ltd** — foundation equity financing with Macquarie and subsequent equity financings with GIC, Mitsui, Macquarie, M&G and SNAM
- **Harvest Midstream** — \$1.125 billion acquisition from Williams Partners of assets in the Four Corners area, including a CO₂ treating facility
- **Hilcorp Energy** — hybrid upstream and midstream joint venture to utilize CO₂ captured at the Petra Nova coal power facility owned by NRG
- **Sysco Corporation** — \$1 billion offering of sustainability bonds to fund renewable energy, energy efficiency, clean transportation and waste reduction projects
- **International chemical company** — government policy representation in connection with CCUS development
- **International chemicals and industrial gas company** — policy advice in conjunction with a major initiative to develop carbon capture assets and tax and corporate advice on an option to purchase a carbon capture and storage facility
- **International LNG company** — policy advice in conjunction with a major initiative to develop carbon capture assets as well as tax and environmental advice with respect to public emissions reporting
- **Interstate pipeline company** — development of a facility to capture and store carbon dioxide from gas processing facilities in west Texas. Bracewell's engagement includes environmental, real estate and corporate advice with respect to the project.

- **Interstate pipeline company** — early stage development of a carbon capture and sequestration project in Louisiana utilizing existing pipeline infrastructure
- **Major national pipeline company** — development of multiple hydrogen production facilities utilizing natural gas and employing carbon capture equipment to reduce net carbon emissions as well as pipeline systems to transport the produced hydrogen. Investors include three major US oil and gas companies providing cash as well as natural gas to the facilities.
- **Private equity midstream company** — development of assets for the capture and storage of carbon dioxide from gas processing facilities. Bracewell's engagement includes tax, environmental and corporate advice regarding eligibility for Code section 45Q credits for the with particular focus on the ability to use a Class II UIC permit, instead of a Class VI UIC permit, and the impact of state environmental regulation.
- **Private equity-backed decarbonization project developer** — development of a secure geological storage facility in the western United States. Bracewell's engagement includes Code section 45Q guidance, environmental and corporate advice regarding the structure of the venture in the early development phase.
- **Upstream oil and gas company** — as special real estate and environmental counsel for the joint venture with an ethanol producer for the capture of CO₂ from two production facilities and the transport of the CO₂ by multiple pipelines for reinjection in the enhanced oil recovery operations of the upstream oil and gas company
- **Upstream oil and gas company** — development of facilities to capture carbon dioxide from gas processing facilities and store such carbon dioxide in secure geological storage. Bracewell's engagement includes tax and environmental advice regarding eligibility for Code section 45Q credits with particular focus on the ability to use a Class II UIC permit, instead of a Class VI UIC permit, and the impact of state environmental regulation.
- **Sysco Corporation** — \$1 billion offering of sustainability bonds to fund renewable energy, energy efficiency, clean transportation and waste reduction projects
- **Energy infrastructure investment firm** — investment in the development of a large-scale carbon capture facility to be operated in conjunction with a natural gas power plant
- **White Rose CCS** — lenders on the White Rose carbon capture project, United Kingdom*
- **National and international energy companies and chemical manufacturers** — carbon capture and storage, membrane separation and concentration, and absorption technologies advice and patent prosecutions
- **Leading producer of LNG** — carbon dioxide sequestration project in Texas
- **NRG Energy, Inc.** — lead M&A and financing counsel for its Petra Nova carbon capture and enhanced oil recovery project located southwest of Houston, Texas in which JX Nippon acquired a 50 percent equity interest in the Petra Nova project
- **Developer** — development of an 800 MW "carbon capture ready" clean coal power facility and associated carbon dioxide transportation and storage system in the UK
- **Developer** — construction of a major salt cavern gas storage facility in the UK

* Work completed prior to Bracewell

Dispute Resolution



- **Developer of renewables projects** — numerous force majeure issues arising under PPAs and EPC Contracts in relation to wind and solar projects in Jordan and Egypt
- **Developer of solar project** — disputes relating to delays and liquidated damages for the construction of four solar projects in the Middle East
- **Developer of solar project** — ICC arbitration against an EPC Contractor relating to delays in the construction of a solar project in Latin America
- **Developers of a waste to energy project** — English High Court litigation arising from a dispute following the sale of the project in which breaches of warranty were alleged concerning the construction, commissioning and operation of the project and impacts on the offtake agreement
- **Direct Energy** — suit against entities owning four large-scale wind farms regarding complex claims focusing on the real-time Texas electricity trading market and the use of tax credits during forced curtailments of production of electricity at the wind farms
- **GDF Suez (now ENGIE)** — obtained complete dismissal of claims against GDF Suez alleging that it used its bidding strategy in the Texas retail and commercial energy markets to manipulate the United States electricity futures market
- **Investor in renewable energy** — English High Court proceedings concerning a payment dispute arising from the share sale of a company that owns and operates a biomass plant
- **Investors in solar installations and onshore wind farms** — application of and challenges to the changes to the subsidies available in the UK to solar PV installations and onshore wind farms
- **Manufacturer of photovoltaic wafers** — advising on a dispute arising out of a failure to supply silicon under supply contracts
- **Multi-national renewable energy developer** — litigation concerning initial authorization from US Government to develop off-shore wind farm
- **PPL Montana** — Arbitration relating to sales price of the Kerr hydroelectric dam in Montana in sale to Confederated Salish and Kootenai Tribes (CSKT). The dam was constructed in the 1930s on tribal land; the CSKT obtained an eventual option to purchase the dam. The two-week arbitration resolved unprecedented questions of valuation involving the impact of historic investments and environmental remediation efforts to the purchase price.
- **Renewables developer** — challenges through litigation in the national courts and potential investment treaty claims arising from the refusal to grant permission for a proposed offshore wind farm to be constructed after a licence had been granted by the host government
- **Renewables developer on challenges through litigation** — national courts and potential investment treaty claims arising from the refusal to grant permission for a proposed offshore wind farm to be constructed after a licence had been granted by the host government

Energy Regulations



- **Alcoa Power Generating Inc.** — regulatory approvals for sale of four hydroelectric power plants totaling 215 MW to Cube Hydro Partners
- **Alcoa Power Generating Inc.** — regulatory approvals for sale of Alcoa's 378 MW Tapoco hydroelectric project to Brookfield Renewable Energy Partners for approximately \$600 million
- **Avangrid, Inc.** — federal energy regulatory advice to Iberdrola affiliate UIL Distributed Resources, LLC on federal energy regulatory matters associated with its 3.4 MW fuel cell project in ISO-NE
- **Avangrid Renewables LLC** — proceedings concerning all aspects of FERC regulation, including market-based rates, QF, EWG and reactive power issues; dispute relating to rights to transmission capacity necessary to support development of a wind project in New Mexico
- **Central Maine Power Company** — FERC transmission matters, including transmission rate submittal for the New England Clean Energy Connect project
- **Convergent Energy and Power** — providing regulatory and commercial support to a leading developer of energy storage facilities, including negotiating offtake agreements and representing Convergent in proceedings before the Federal Energy Regulatory Commission
- **ENGIE North America Inc.** — federal energy regulatory advice and related submittal for largest tax equity deal of its kind in the United States — 2 GW of renewables, including 1.5 GW of wind and 500 MWs of solar, financed with \$1.6 billion in tax equity commitments from Bank of America and HSBC
- **ENGIE North America Inc.** — federal regulatory approvals and related assignments regarding its sale of 1.2 GW of pumped storage hydro assets and 0.2 GW of conventional hydro assets located in Massachusetts and Connecticut to PSP Investments for \$1.2 billion
- **ENGIE North America Inc.** — FERC ongoing regulatory support for ENGIE's fleet of generation; recent work includes providing regulatory support for over eight wind generation projects totaling over 1.5 GW currently under development (i.e., advising on interconnection issues, obtaining FERC market-based rates and EWG status, advising on issues related to co-location of solar and wind generation facilities and communicating with lenders' counsel)
- **Engie Storage** — federal energy regulatory advice to developer providing turnkey energy storage facilities to provide service on both sides of the meter with 170 storage projects in the US (both commercial and grid scale)
- **Equinor** — regulatory advice as lead outside legal advisor for major offshore wind project offshore New York State
- **Integrus Energy Group, Inc.** — regulatory support for sale of a portfolio of over 50 distributed solar projects to TerraForm Power, LLC
- **La Caisse de dépôt et placement du Québec** — regulatory diligence and approvals for passive investments in Invenergy Renewables LLC, ultimately resulting in a 52.4 percent economic ownership interest
- **Madison Gas and Electric Company** — regulatory approvals for acquisition of undivided interest in Invenergy's 99 MW Forward Energy wind project
- **Tenaska Inc.** — regulatory advice related to the development and interconnection of two wind projects in the Midwest with a combined installed capacity of 500 MW

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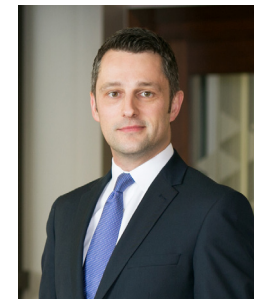
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