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*Brad Williams - Executive Advisor Energy Infrastructure*

*Natural Gas, Power, LNG, Low Carbon Fuels, CCS*

## **Power Project Development and Experience**

**Brad brings over thirty-five years of hands-on commercial and project experience to the development of business plans, strategic initiatives, and the successful execution of complex transactions.** He leads commercial business development efforts and innovative deal structuring, primarily in energy infrastructure, gas supply planning, LNG, power generation, and low-carbon projects with CCS. Brad creates value through teamwork, exceptional creativity, and disciplined execution. His work always has a sharp attention to environmental stewardship and a commitment to excellence.



Throughout his career, Brad has led a diverse range of projects, including power generation assets, LNG developments (both large and small), hydrogen and ammonia initiatives, renewable projects, alternative energy ventures, energy trading teams, and the organization of long-term natural gas supplies. He has consistently integrated EPC contracts and financing solutions into innovative project structures.

Brad's experience extends to mergers and acquisitions (M&A), due diligence and the creation and structuring of joint ventures across a wide variety of sectors. He spent over a decade working internationally—successfully delivering energy infrastructure projects in Venezuela, India, China, Russia, Uzbekistan, the UK, and Germany. A graduate of Texas A&M University with a degree in Civil Engineering, Brad has led numerous transaction teams from development and financing through construction and into operations.

His work with clients involves crafting and advancing business strategies, leading full-scale project development, and managing contract negotiations both in the U.S. and abroad. He places a strong emphasis on adhering to budgets and schedules, and is particularly adept at building project understanding, gaining regulatory approval, and securing stakeholder and lender alignment. Brad takes a team-oriented approach to deliver timely, bottom-line-focused results.

Brad has repeatedly demonstrated success in leading activities across the energy value chain including E&P, fuel supply planning, pipeline transportation, greenfield infrastructure development, joint ventures, contract negotiations, ownership and partnering structures, M&A, and financing.

### **Specific Power and Project Development Experience**

Asset creation from a blank sheet of paper through siting, full development, financing, construction and into commercial operations. Creating project strategies and execution plans with hands-on participation and leadership. Strategic planning and project development with budgets and timelines and leadership in direct commercial negotiations and transaction structuring.

Directly led Project Planning and Development for these projects

(including managing internal support teams, directing tens of outside advisors, gas supply power interconnections as well as with management updates and approvals along the way)

1. Desoto Power Generation - 320 MW  
installed, permitted for 480 MW  
Arcadia, Florida south of Tampa  
Two 501F turbines in simple cycle with  
water supply and permit to convert to CC  
with fuel oil backup  
Developed, Permitted, EPC - Led Sale of  
Project Company to Progress Energy



2. Freestone Energy Center - 1,038 MW,  
4 X 2 Combined Cycle  
Fairfield, Texas 75 miles south of  
Dallas, ERCOT  
Permitted, Financed, Started  
Construction, Negotiated sale to  
Calpine



3. Riverside Power Generation - 1,150 MW  
Five simple cycle 501F turbines with permit  
to convert to Combined Cycle, ECAR  
In Louisa, Kentucky on border with West  
Virginia, Big Sandy River  
Greenfield Site Selection, Development,  
Permitting, Financing, Construction



4. Bluegrass Power Generation - 624 MW,  
outside Louisville, Kentucky  
Greenfield site selection, Development,  
Permitting, Financing, Tax Abatement  
Package, EPC and Construction to  
Operations  
Three Siemens 501F turbines in simple cycle  
into LG&E 345kv line, in ECAR



5. Crete Energy Center - 320 MW  
Crete, Illinois south of Chicago  
Four 7EA turbines in simple cycle  
Joint Venture with Detroit Edison,  
Development, EPC, Board Approval,  
Financed, Constructed



6. Rockwood Energy Center - 1,068 MW  
2x1 Combined Cycle plant with 345kv transmission on site and gas supply in 7 miles  
Columbus, Texas west of Houston.  
Greenfield Site Selection, Development, Permitting, Gas & Power Transmission





7. Top of Iowa Wind Park -  
80 MW - 89 turbines  
Joice, Iowa in Worth County on  
5,500 acres  
Joint Venture with Zilka Contracted  
JV, Renewables, Board Approval,  
Financed, Constructed



8. Floridian Natural Gas Storage & LNG  
Sales Concept, Development, Permitting,  
EPC: Fully permitted with FERC 7c for  
8 BCF of LNG storage peaking services,  
100k MMBtu/d liquefaction and 800k/d  
send out with truck loading racks (30,000  
MMBtu/d) Connected to FGT, Gulfstream,  
and FGT Phase 8 for natural gas LNG  
peaking Hub Services



9. Was representative for ARAMCO at the negotiating table with Bechtel and Sempra on creation and execution of full EPC contract for the Port Arthur LNG project design and construction.
10. Bahamas LNG Terminal & Supply Contract Blue Marlin LNG (FP&L)  
LNG Terminal, Identified Supplier, Negotiated Full Agreements  
S, Secured Board Approval for 20 yr SPA. FPL Group Resources, RasGas and ExxonMobil announce Heads of Agreement to supply LNG to Florida via proposed Bahamas LNG terminal. Under terms of the HOA, FPL Group Resources and RasGas (II) have entered into an exclusive relationship and expect to complete an LNG sale and purchase agreement for 800,000 MMBtu/d or 6 MTPA over a 25 year period.
11. Commercial development leader for Pathfinder Wind Co. for its planned 2,500 MW wind generation project and the Power Transmission DC Line from Wyoming to California, a 950 mile line costing \$3.5 Billion which included Project Planning, Development, Marketing in California, Precedent Agreements.. Also originated the relationship and sale of Pathfinder Power Transmission (Zephyr) to Duke-ATC in Dec. 2011.

Brad Williams contributes a high level of expertise with hands on leadership as-needed when-needed, providing customized advice and commercial business solutions tailored to each project.

1. Executive management and team leadership
2. Strategic planning and infrastructure development with budgets and timelines
3. Scoping studies to define a business opportunity value chain to achieve business goals
4. Leadership of transactions: structuring, negotiations, EPC and financing alternatives
5. Project development, siting, permitting of infrastructure and contract negotiations
6. Strong project management skills, creative deal structuring and Joint Venture formations
7. Hands on execution of business plans with your team's input and participation
8. M&A leadership and full due diligence investigations and evaluations
9. Large Scale LNG – terminal agreements, supply & demand, contract negotiations, marketing and shipping
10. Small scale LNG production, storage, distribution and marketing to displace oil-based fuels for road use, marine bunkering, locomotive fueling and high horsepower users
11. Advising clients on FERC-regulated natural gas transportation capacity, including contracting for capacity, the open-season process, asset management arrangements, capacity release, and negotiation of rate agreements
12. Negotiation of Master Sale and Purchase Agreements with Special Provisions for specific transactions
13. Providing inputs to make informed decisions and defining a business direction
14. Power plant infrastructure including PPA's for fossil and renewable energy and transmission
15. EPC contract structures and negotiation
16. Deep regulatory knowledge with creation of legislation and successful lobbying
17. Expert witness testimony