



Smart Energy Campus

**P3 Higher Education Summit
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781-683-0711

anbaric.com

About Anbaric



- Anbaric has developed \$1.5 billion in complex energy infrastructure projects, \$4.5 billion project pipeline
- “Anbaric Development Partners, LLC” created through joint venture with Ontario Teachers’ Pension Plan (OTPP)
 - Mandate to create minimum of \$2 billion in constructed energy assets
 - No intermediaries between OTPP and Anbaric
- Universities’ energy infrastructure modernization needs and sustainability goals fit squarely within Anbaric’s *Smart Energy Campus (SEC)* line of business – transform campus energy infrastructure to be sustainable; both environmentally and financially

The Challenge

Capital constraint-driven challenges for higher ed:

- Meeting sustainability goals
- Aging infrastructure
- Deferred maintenance liability
- Incremental approach to operations
- Silos
- Growth



Financing Models

- Self Funding
 - Works with standard, commodity-like projects
 - Complex projects may lead to delays and budget overruns raise costs
 - Vendor guarantees/risk premiums raise costs
 - Large projects tie up debt capacity
- Supply Contracts
 - Works for standard supply projects – PPA, etc.
 - Misaligned with University objectives on sustainability or overall cost reduction

Financing Models

- Public Private Partnership
 - Established approach addressing risks related to:
 - Project execution
 - Technology selection
 - Equipment performance
 - Holistic and aligns objectives of the Private Party with the University
- Availability Payments
 - Good to control capital expenditure
 - Little alignment with the University

Smart Energy Campus



- Campus Criteria
 - Transformation to a much lower (or even zero) carbon footprint campus
 - No compromise in reliability
 - Financing that makes sense: no middle man, no financing windfalls, complete transparency
- Smart Energy Campus Design Considerations
 - Transformation includes electric, heating and cooling loads
 - Renewed investment in managing energy demand
 - Utility may participate
 - Where possible, electrical, heating and cooling system extended to nearby hospitals and critical loads
 - Campus rewired to enable clean tech to “plug and play”

Soam Goel
*Lead Partner,
Special Situations*



Soam Goel pursues investments in transmission and microgrid infrastructure projects that are under development, campus energy infrastructure, and existing energy infrastructure that can be transformed through significant capital investments.

Mr. Goel has been the Chief Commercial Officer of Power Network New Mexico, a wholly owned subsidiary of Goldman Sachs Global Infrastructure Fund (GSIP). He originated the \$400M project for GSIP. Mr. Goel founded Enersights in 2004 to provide strategic advice to senior executives of utility companies and financial participants. Prior to that, he spent 10 years with PA Consulting and its predecessor firms where he co-headed the energy M&A practice. Under his leadership the firm conducted assignments such as company, generation, and transmission transactions – \$40M to \$8B in size – for utilities, industry vendors, investment banks, and private equity. Prior experience includes working for Unilever Group of Companies as part of their fast track management development program.