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Sample Listing of Desiderata Energy Consultant Projects

Planning and Strategic Advisory Services:

- Oilsands Project Development (multiple clients) – on-going
Assisted clients with developing strategic plans for the development of electric assets for oilsands projects including cogeneration and transmission reliability evaluations and commercial, regulatory and ownership options from financial, operational and risk mitigation perspectives.
- Scotford ISD Administrator (Shell Canada, Shell Products, Shell Chemicals, Air Liquide and ATCO Power) – on-going
Provide advice, management and settlement services for Alberta's largest industrial load. Assisted with regulatory approvals, tariff interventions, new transmission connections and developed an electrical master plan for the site.
- Carbon Capture and Storage (Alberta Department of Energy) - 2009
Developed RFP for the DOE to retain experts to evaluate Carbon Capture and Storage project proposals.
- Mergers & Acquisitions, business development (undisclosed clients) – on-going
Assisted engineering firms with market evaluations and identified potential acquisition targets and business development markets in the electricity sector.
- Isolated Generation Contaminated Soil Remediation – on-going
Member of a committee that oversees \$100 million project to remediate contaminated soil from formerly regulated isolated generation sites.
- Industry Studies and Surveys – on-going
Provide project specific studies and survey on electric energy related topics, including:
 - Alberta Electric System Operator – evaluation of approvals required for generation projects
 - Independent Power Producers Society of Alberta – evaluation of electricity markets in other jurisdictions and emissions intensity
 - Oil Sands Development Group – annual survey of potential cogeneration development and analysis

Electricity Generation Project Development

- Alberta Pacific – on-going
Three phase project to increase net electricity exports, new transmission grid connection and addition of 30 MW of generation. Assisted with market evaluations, regulatory approvals, project management, etc.
- University of Alberta Cogeneration – 2006-2009
Assisted with development of the financial model, grid interconnection, regulatory approvals and public consultations.

Interconnections to the Grid

We have assisted the following companies and projects with grid interconnection studies, AESO and AUC applications and/or project management services:

- Alberta Pacific pulp mill
- BA Energy upgrader
- Provident Energy substation expansion
- Shell Jackpine oilsands mine
- Shell Scotford upgrader expansion
- Suncor Fort Hill oilsands mine
- Suncor Sturgeon upgrader
- Total Canada E&P Joslyn oilsands mine

Regulatory Consulting and Government Advocacy

- Beverage Container Management Board, Data Collection Agent – on-going
Collect financial data from beverage container depot operators to develop a system wide revenue requirement and recommend handling commissions. Also provide strategic advice on matters related to the development of handling commissions and improvements to the beverage container collection industry.
- Dual Use Coalition – on-going
Represent a group of oilsands developers with on-site generation who intervene in AESO tariff (transmission) applications before the Alberta Utilities Commission (AUC). Act as regulatory consultant to manage the process, file and defend expert evidence, oral testimony, prepare and file written arguments, etc.
- D410 Group (Electricity) and Rate 13 Group (Natural Gas) – on-going
Represent a group of Calgary based industrial, large commercial and institutional clients who intervene in ENMAX and ATCO Gas tariff applications before the Alberta Utilities Commission (AUC). Act as regulatory consultant to manage the process, file and defend expert evidence, oral testimony, prepare and file written arguments, etc.

- Canadian Association of Petroleum Producers (CAPP) – on-going

Represent CAPP before the Saskatchewan Rate Review Panel in testing SaskPower rate applications. Act as regulatory consultant to manage the process, file evidence and prepare and file written submissions..

- Alberta Utilities Commission Approvals - on-going

We have prepared and defended a number of applications for approval to the AUC for transmission lines, substations, power plants and industrial systems, including:

- Alberta Health Services – power plants
- Alberta Pacific - transmission line, substations and power plant
- Q9 Networks – power plant
- Shaw Communications – power plant
- Shell Canada - transmission lines, substation, and power plants and industrial systems
- Suncor - transmission line, substations and industrial system

Electricity Procurement

We assist companies with the purchase or sale of electricity. We utilize a time proven approach that evaluates the risk profiles of the buyer and seller to ensure longer term purchase arrangements are in line with corporate goals and requirements. Examples include:

- Alberta green energy producers
- Alberta Health Services – Calgary area hospitals and facilities
- Alberta ski hills
- AutoCanada (car dealer network)
- Oilsands operators