

The management of Architectural & Community Planning Inc. (ACPI) is the driving force behind the product development, design and technology implementation.

The products developed by ACPI are assembled through outsourcing agreements and either marketed directly through the "Power, Water, Heat, Anywhere™" website or marketed through the associated leasing companies "Waste Treatment Solutions Inc." based in Alberta or "Ptarmigan Lane" based in Colorado.

- Before the development of the utility appliance technology, ACPI has managed numerous remote location residential housing projects across Canada.
- At the same time, ACPI has developed several feasibility studies and subsequent small-scale economic development projects across the country - mostly in northern locations.

In 1999 Architectural & Community Planning Inc. launched the development of an alternative, eco-appropriate solution: the utility appliance ----a systems approach building on existing, proven technologies to combine all conventional utilities (usually found separately) into a single appliance.

- The utilities appliance is factory-built and plugged into any building to provide:
 - off-grid power
 - opportunistic use of renewable energies (RE)
 - heating/cooling by micro-co-generation
 - hot water generation (domestic hot water and partial space heating)
 - potable water treatment and
 - environmentally friendly wastewater management.

This technology enjoys the advantages of: increased energy efficiency, decreased environmental impact, and significantly reduced water usage.

Currently, in cooperation with the associated leasing companies, Architectural & Community Planning Inc. has about 100 units in the Canadian market --- most units are leased to the western Canadian oil and gas exploration companies and related "oil patch" clients.

The following utility / infrastructure combinations are available:

- Power, Heat, RE, Potable Water & Wastewater
- Power & Wastewater
- Potable Water & Wastewater
- Wastewater only
 - 3 person units to 200 person units
 - Single family residential units
- Potable Water only
 - 3 person units to 150 person units
- Structural integration:
 - Containerized building & Wastewater
 - Containerized building & Power , RE & Potable Water or Wastewater

In order to further advance the current technologies, ACPI is interested in the following:

- Cooperation with educational institutions to further develop the technologies and to create new technologies based on the existing established market opportunities. ACPI has developed considerable experience to rapidly move new concepts from prototype testing to market readiness.
- Licensing agreements with third party manufacturing and sales operations to open up new markets for the existing product lines.
- Licensing agreements to make use of the Canadian and US patents issued and proprietary technologies available to the management of ACPI.