

# AC and Solar/DC Power Supply

Application Sheet #18

## REAL TIME BENEFIT

### SITUATION

- An intermediate oil and gas company in Alberta drills, completes and starts producing oil, prior to grid power being available at location.
- Immediately after well start up chemical is required down hole.
- Traditionally a solar pump was provided for the life of the well even though AC was available once the well stopped free flowing.

### SOLUTION

- Sirius' newest patented Fusion™ controller can operate from both a solar/DC and an AC power supply.
- The customer can now have one pump, motor, controller and tank package which will initially function on solar then AC when available.
- After the AC power is brought in the solar pack can be moved to the next start up location.

Saving capital through reduction of solar equipment in the field. Providing consistency for field staff ... same pump motor and controller for AC and DC power.

### RESULTS

- By reducing the need to have a permanent solar pack for every chemical pump the customer benefited by saving over a thousand dollars per well.
- The consistency of having the exact same package on every site simplifies the operators job and allows for a more standardized well site package at every location.



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