Pairing Bloom’s Energy Server (ES) with PowerSecure’s Auxiliary Battery System (ABS) enables total optimization of behind-the-meter energy generation through three key value streams:

- **Load Shifting**: Maximize delivery of fuel cell generation to the facility during peak energy periods.
- **Peak Shaving**: Maximize demand charge reduction by intelligently combining fuel cell and battery output.
- **Business Continuity**: Ensure seamless operation during grid interruptions without investment in idle backup equipment.

During peak hours, Bloom’s Energy Server may deliver power up to the combined nameplate ratings of the Energy Server and ABS. The figure below illustrates a typical solution with max 300 kW AC capacity, but Energy Server and ABS outputs can be customized to meet a variety of customer requirements.