OFF-VEHICLE ENERGY STORE SELECTION FOR HIGH RATE EV CHARGING STATION

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ELEVATE (ELEctrochemical Vehicle Advanced TEchnology)
High Rate EV Charging Station

![Diagram of high rate EV charging station]

**Key**
- Power flow when EV is charging
- Power flow when no EV is charging

**Conventional high rate charger**

**Proposed high rate charger with off-vehicle energy store**
High Power Load and Power Supply