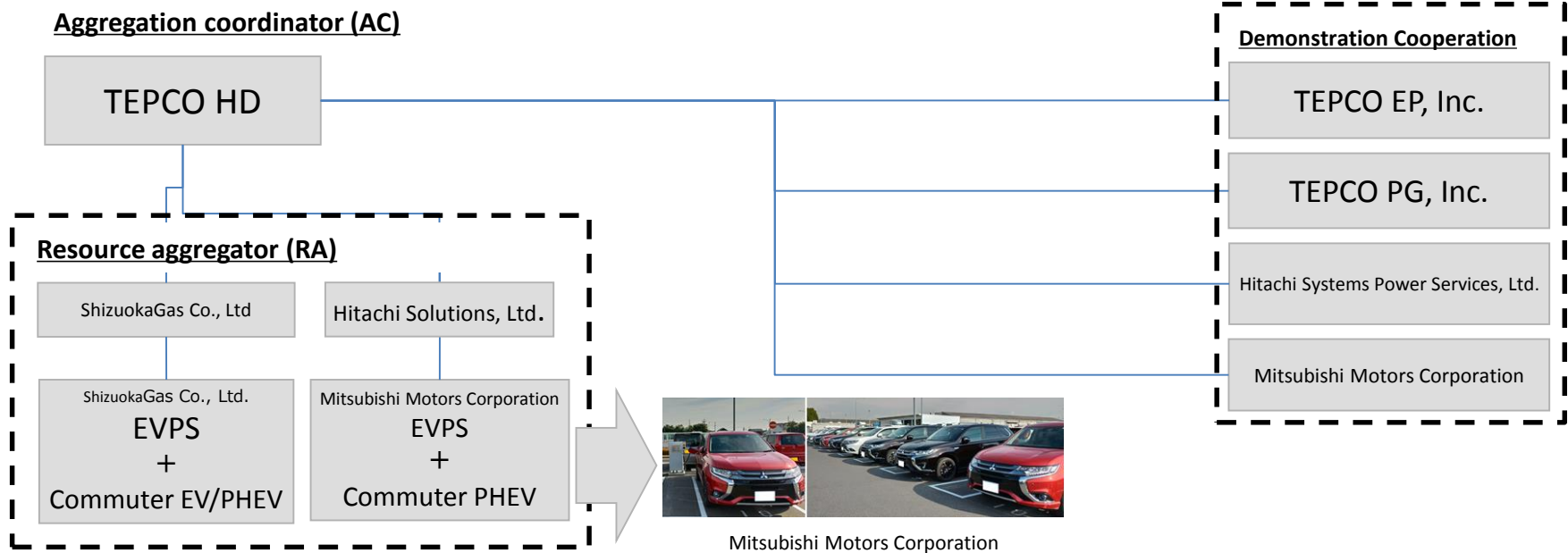


Overview of V2G Aggregator Project Demonstration

[Objective] To demonstrate the feasibility of leveraging EV/PHEV for resource aggregation

- To establish technology for power exchange between EV/PHEV and a power grid
- To compose a business model that balances usage as the grid stabilization control with usage as mobility.

<Demonstration roles and participating companies>



<Demonstration/control details>

- To examine the feasibility of leveraging V2G for RA service that provides the grid stabilization function.
- To clarify what requirements are necessary to supply a service that balances usage as the grid stabilization control with usage as mobility.

Grid stabilization function	Details
Grid congestion management (current control)	Control to absorb reverse power from DER to manage the capacity of distribution network.
Voltage control	Control to avoid voltage fluctuation caused by reverse power flow from DER in distribution network using reactive power control.

