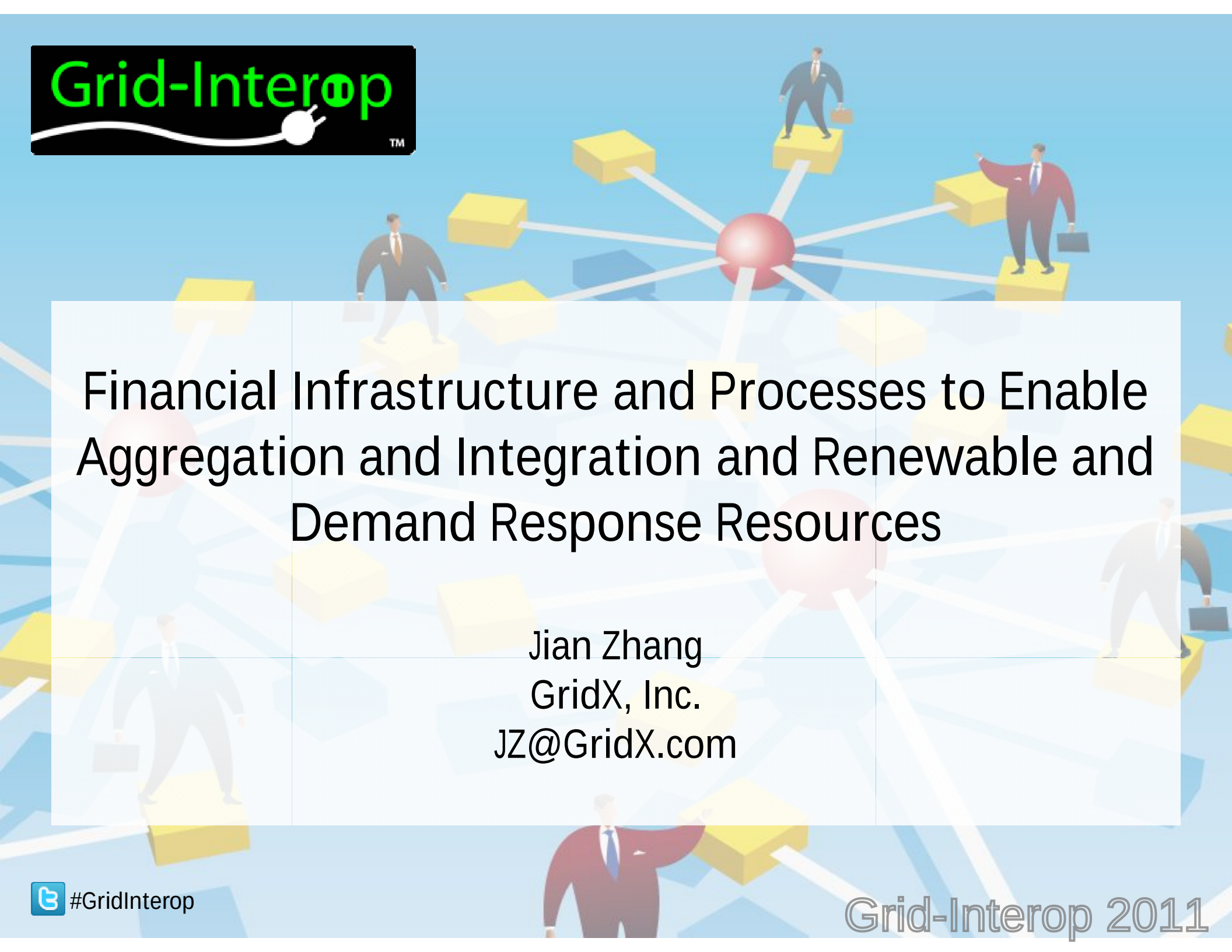

Financial Infrastructure and Processes to Enable Aggregation and Integration and Renewable and Demand Response Resources

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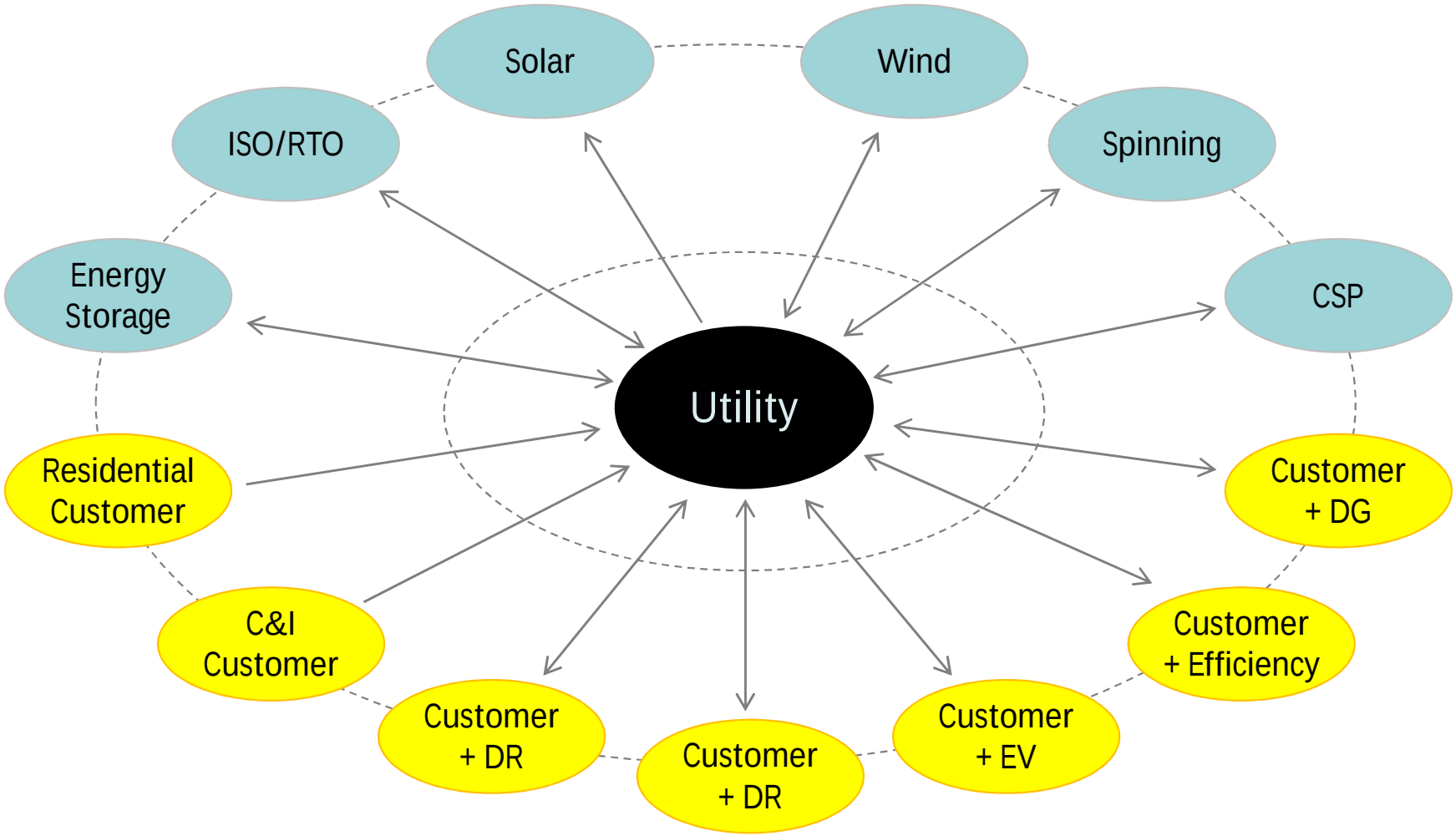
Smart Grid Enabled Marketplace



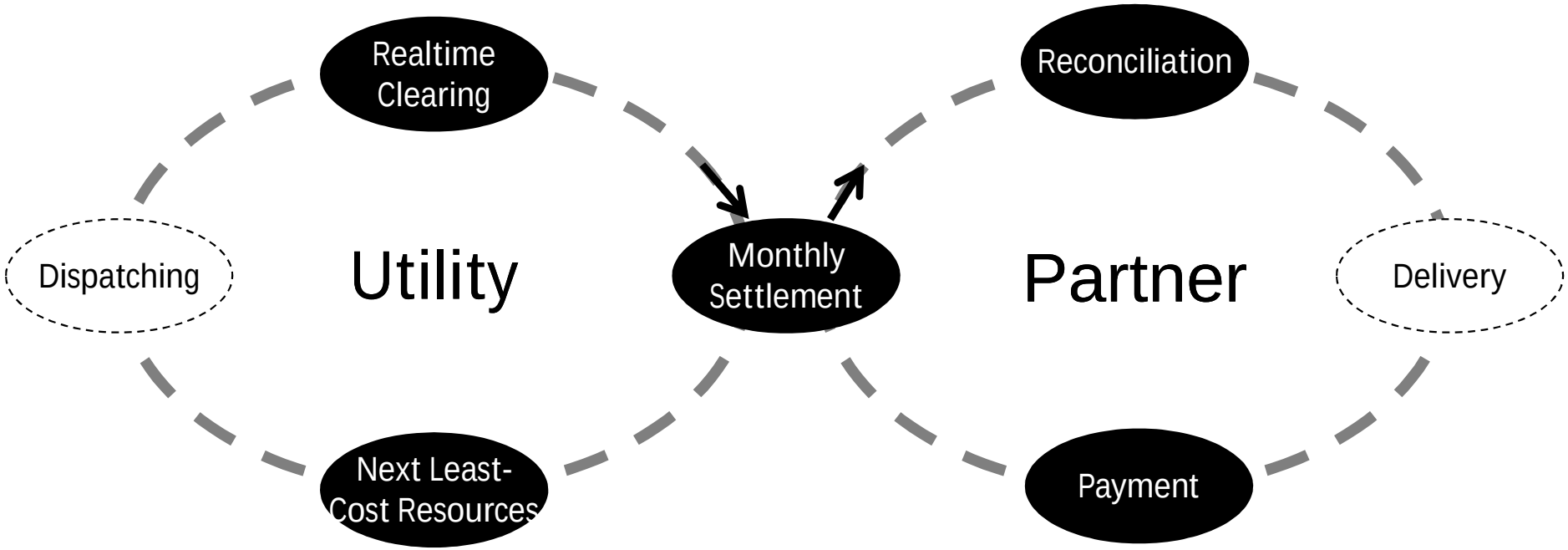
Relevant Financial Issues

- How much would it cost to dispatch certain resources?
- How to keep track of financials and pay renewable and DR suppliers correctly?
- How much inventories do we have (given current programs/contracts)?
- How to design rates and contracts to optimize financials?
- How to dispatch resource portfolio to optimize financials?

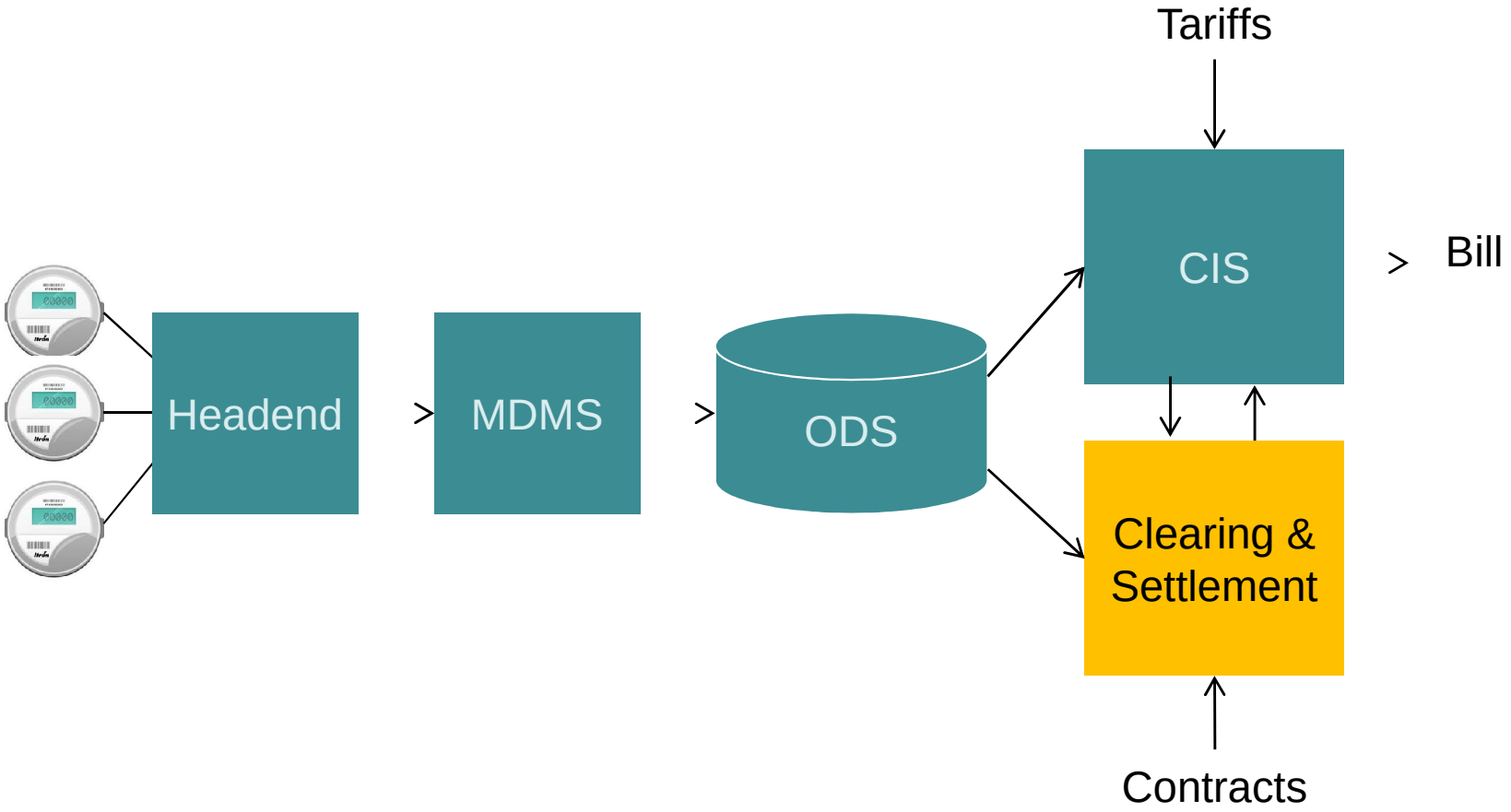
Challenges of Financial Integration

- Complex contracts (e.g., PPA, DR contracts).
- Bi-directional transactions.
- Large volume of meter data.
- Overlap of customer programs.
- Complex business models.

Required Financial Processes



Financial Infrastructure



Q&A

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