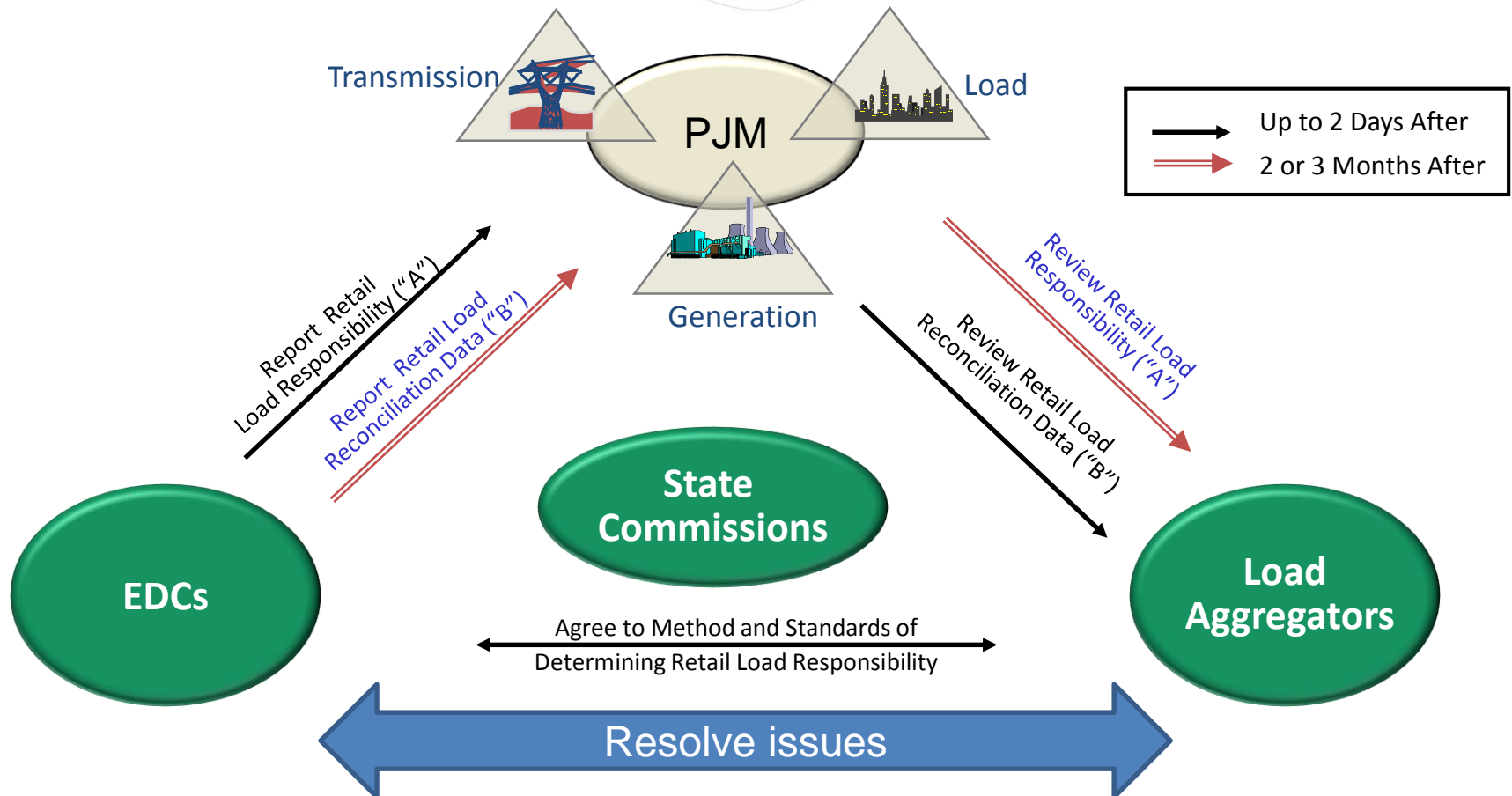
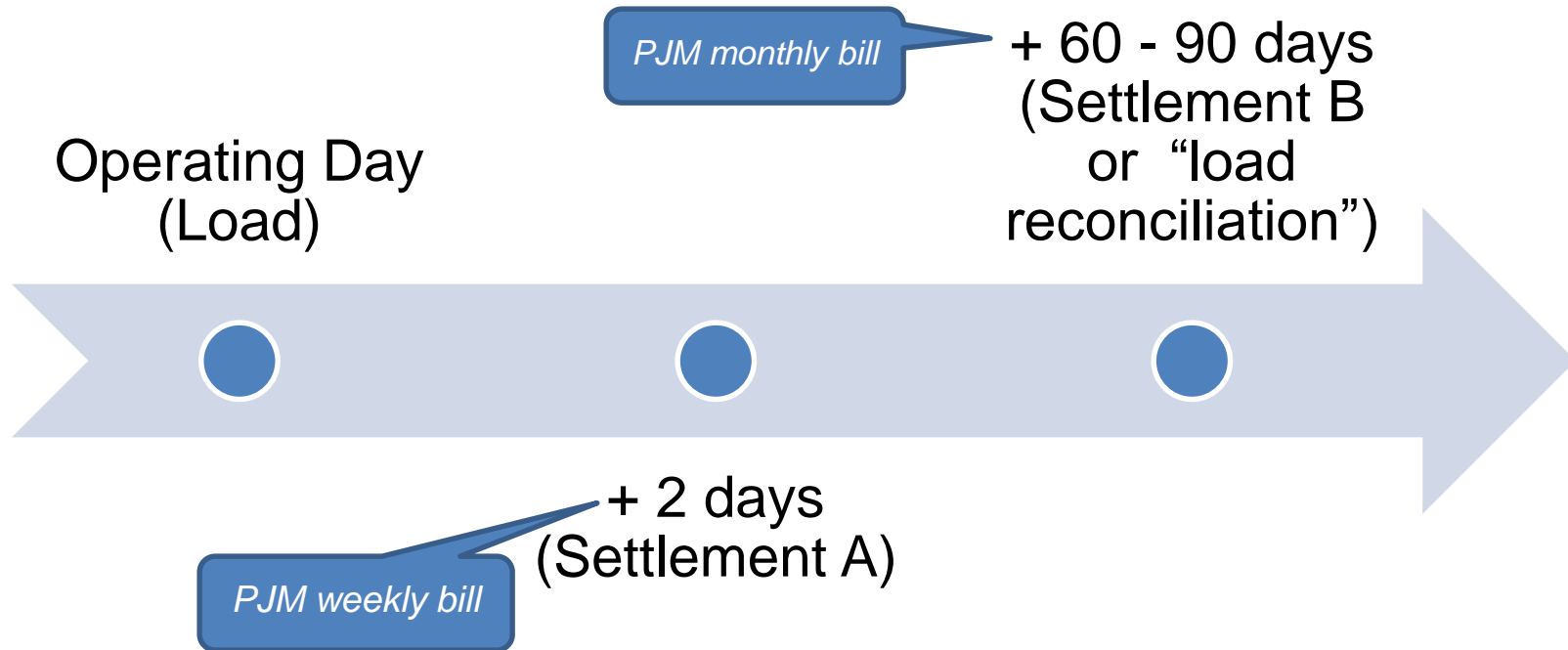


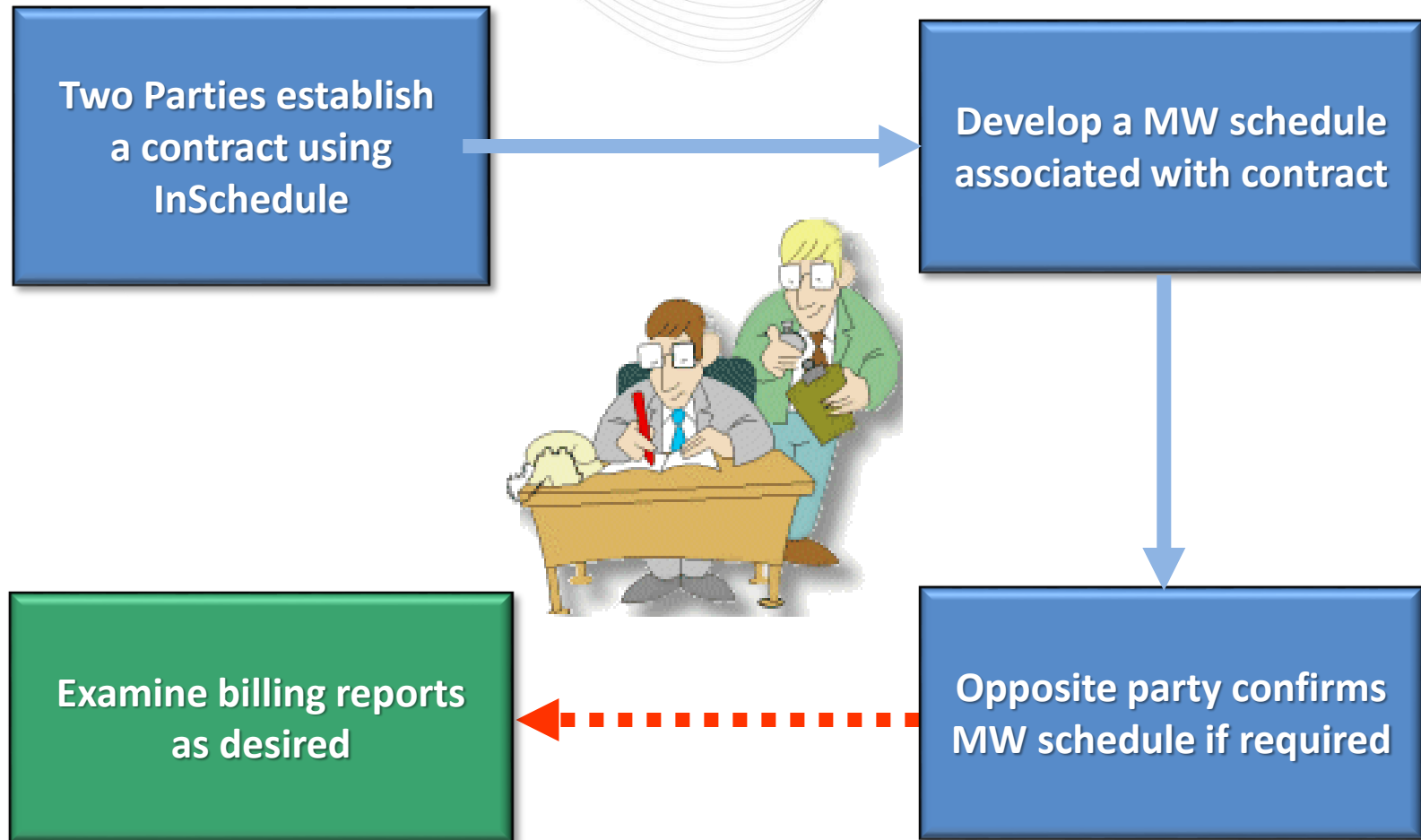
# PJM LSE settlement process

MADRI meeting  
December 13, 2016  
Trenton, NJ





There is no Settlement "C" process but PJM will process manual bill adjustments based on member agreement for up to 2 years.



Acme LSE has 100 customers on 12/6/16

- 1) 12/6/16 - EDC submits 50 MW as retail load responsibility (up to 2 days after 12/6) for 1200 – 1300 for Acme LSE
  - 1) This reflects **estimate** of customers' load
  - 2) This will appear on LSE's weekly PJM bill.
- 2) EDC determines **actual** load for LSE's 100 customers on 12/16/16 for 1200 – 1300 is 55 MW
- 3) ~2/6/17 – EDC submit -5 MW (estimate minus actual) as retail load reconciliation data
  - 1) This will appear on LSE's monthly bill.

Aggregate hourly LSE load is settled in wholesale energy market

- Weekly billing
- Monthly billing
- Retail Load Reconciliation – potential charges and credit list

- Weekly billing statements will be issued each **Tuesday** and will include month-to-date settlement results through the previous **Wednesday** for the specified PJM billing line items
- Amounts due to PJM shall be payable no later than noon of the third business day following the issuance of the weekly bill **Friday**
- Amounts paid by PJM shall be disbursed no later than the fourth business day following the issuance of the weekly bill **Monday**
- Weekly Billing Statements will contain the current month-to-date settlement results and will also reflect any revised settlement results for all previous days in the month
- The remainder of the PJM billing line items, and all prior month billing adjustments, will only be included in the monthly billing statements



- **Monthly billing statements** will include the entire month of settlement results for all PJM billing line items, including previous month billing adjustments, with the amount due to PJM  
(or due to the customer) being offset by the most recent month-to-date weekly billing amount
- **Monthly billing statement** (issued on the 5th business day of the following month) is financially settled together with the following month's first weekly billing statement's financial settlement





- Network Integration Transmission Service
- Spot Market Energy
- Congestion
- Losses
- Day-ahead Operating Reserve (If schedule Day-ahead)
- Balancing Operating Reserve (If deviation from Day-ahead, Reliability)
- Day-ahead Scheduling Reserve
- Synchronous Condensing
- Reactive Supply (Schedule 2)
- Reactive Service
- Regulation (Schedule 3)
- Black Start (Schedule 6A)
- Synchronized Reserve (Schedule 5)
- Inadvertent Interchange
- Meter Error Correction

- Control Area Administration (Schedule 9-1)
- Market Support (Schedule 9-3)
- Regulation and Frequency Response Administration (Schedule 9-4)
- Capacity Resource and Obligation Management (Schedule 9-5)
- FERC Annual Charge Recovery (Schedule 9-FERC)
- Organization of PJM States, Inc. Funding (Schedule 9-OSP1)
- MMU Funding (Schedule 9-MMU)
- Advanced Second Control Center AC<sup>2</sup> (Schedule 9- AC<sup>2</sup>)
- North American Electric Reliability Corp. Charge (Schedule 10-NERC) (excludes Dominion and Duquesne zones)
- Transmission Owner Scheduling, System Control and Dispatch Service (Schedule 1A)
- PJM Settlement Inc. (Schedule 9-PJM Settlement)
- Market Support Offset



- RPM Auction (Resource make-whole payments allocated to LSE in applicable LDA)
- Locational Reliability Charge
- RTO Start-up Cost Recovery (ComEd and AEP Zones)
- Generation Deactivation (Affected Transmission Zones)
- Transmission Enhancement
- Load Response

