



IURC Summer 2009 Capacity Assessment

Larry Brown
Vice President, Resource Planning
IMPA

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Presentation Topics

- IMPA Background
- Historic/Forecasted Requirements
- 2009 Load/Resource Balance
- DSM and EE Activities
- Emergency Preparedness

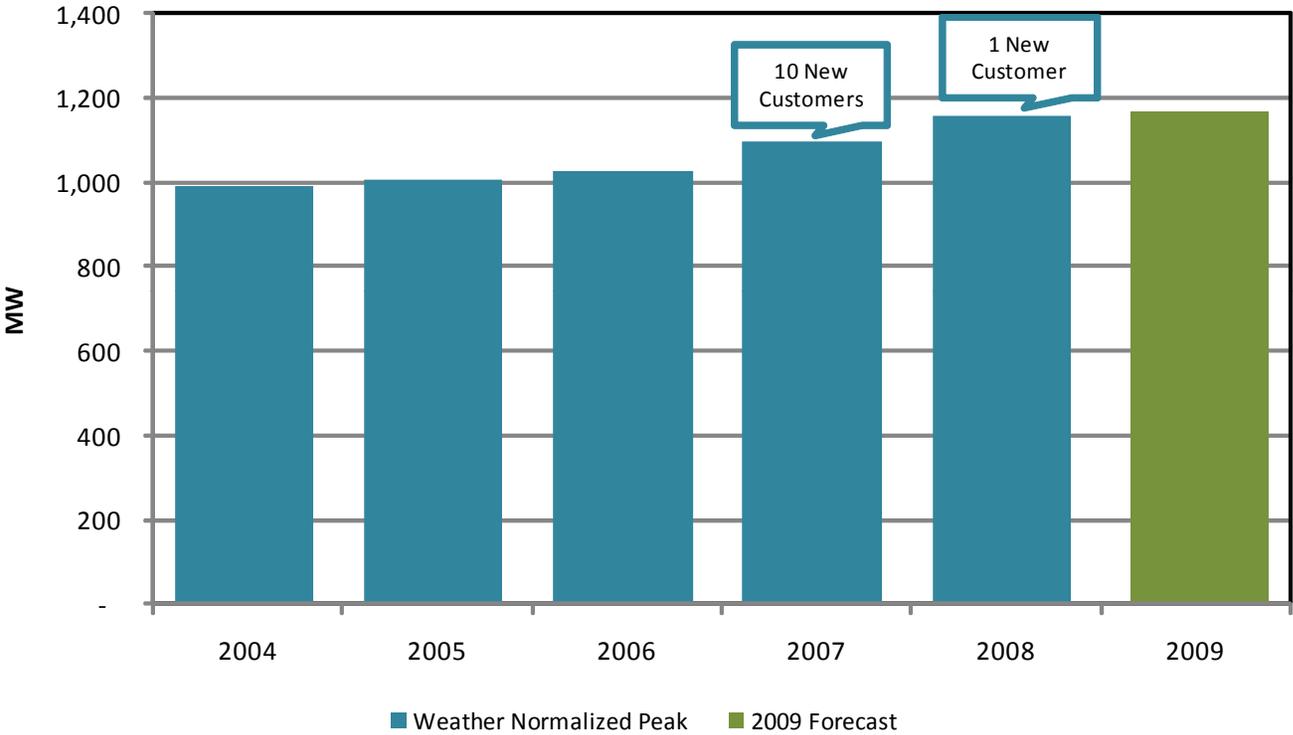


IMPA

- No retail customers
- Full requirements provider to 53 municipally owned distribution systems
- Member communities represent a population of more than 320,000.
- Owned and governed by member utilities
- Not for profit
- Diverse portfolio of agency, joint and member-owned resources and purchased power contracts



Peak Demand



Balance of Loads and Resources

| | <u>Jun</u> | <u>Jul</u> | <u>Aug</u> | <u>Sep</u> |
|-------------------------------------|------------|------------|------------|------------|
| <u>Load Requirements</u> | | | | |
| IMPA Peak Demand Requirements | 1,145 | 1,188 | 1,176 | 1,092 |
| <u>Resources</u> | | | | |
| IMPA and Member Owned Generation | 742 | 742 | 742 | 742 |
| Purchased Power Resources | 478 | 478 | 478 | 481 |
| Net Contract Capacity (Purch-Sales) | <u>91</u> | <u>115</u> | <u>115</u> | <u>150</u> |
| Total Resources | 1,311 | 1,335 | 1,335 | 1,373 |
| Capacity Surplus/(Deficit) | 165 | 147 | 159 | 281 |
| Reserve Margin % | 14.4% | 12.4% | 13.5% | 25.8% |



Demand Response and Energy Efficiency

- Legacy DLC system ~5000 AC/WH switches
 - Old program
 - Being reviewed as part of overall revitalization of DR-EE programs
- IMPA Interruptible Tariff
 - In place since mid 1990s
 - No active customers
 - Being revised by IMPA DREE committee to fit within MISO and PJM DR framework
- Compact Fluorescent Lighting
 - Coupon program
 - CFL educational equipment and materials



Demand Response and Energy Efficiency (cont'd)

- Customer Notifications
 - Customer notification of pending peak periods
 - For members with CP billing options for large customers
- Net metering resolution
 - Allows net metering of small renewable systems
 - Broader than current state rules
- Information to members and member customers
 - Online energy audits through Apogee Home Energy Suite
 - Various online energy calculators
 - Quarterly news and information on energy matters
 - Municipal Power News – quarterly newsletter sent to retail customers
 - An assortment of educational materials prepared for members



Emergency Preparedness

- IMPA serves wholesale load in both MISO and PJM
- 24 Hour Control Center
- All power system coordination desk staff are PJM Certified Generation System Operators
- Dispatches Agency-owned CTs from its Carmel control center
- Does not directly operate transmission
- In constant contact with balancing authorities to take appropriate action in case of system emergency declarations



Conclusion

- IMPA is in compliance with MISO and PJM resource adequacy constructs for the summer of 2009
- IMPA has adequate resources to meet its member needs during the summer of 2009
- IMPA is taking a proactive role in offering its members assistance in promoting demand response and energy efficiency programs

