



Load Management Registration Process Review for 2019/2020

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Demand Response Subcommittee
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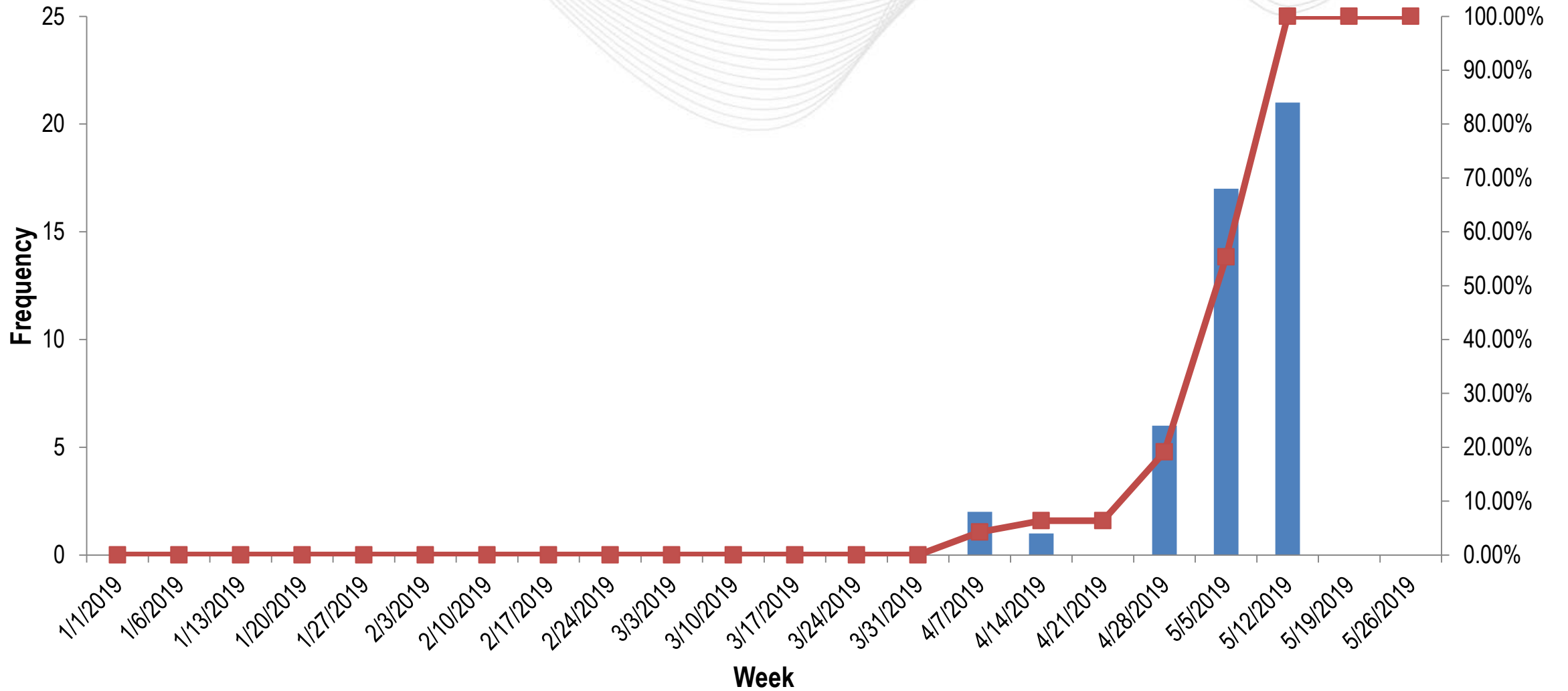
- Load Management registration for 2019/2020 ended May 31, 2019
- Review and discuss the registration process – solicit input on enhancements for next year:
 - Duplicate registrations
 - Winter Peak Load for CP and Base registrations – uploads, timing, calculations
 - Seasonal Aggregation
 - Known DR Hub enhancements/bug fixes for next Delivery Year

- 47 (93 in 2018/2019) unique customers involved in duplicate process
- Number of times a customer went through duplicate process:

Number of times in Duplicate Review	Number of Customers 2019/2020 (2018/2019)
1	47 (75)
2	0 (11)
3	0 (6)
4	0 (1)

- Registrations confirmed for year: 13,806 (13,433). with 0.34% (0.69%) involved in duplicate review process
- PJM involved in duplicate process – 0 (11) customers which is 0.0% (11.8%) of duplicates

Number of Duplicates Submitted by Week – 2019/2020



Trends

- Number of duplicates much less than last year, no resubmissions
 - No CSPs contacted PJM for help with duplicates
- No duplicates submitted after new registration deadline

What's different??

- More education on duplicates at DRS and at Load Management registration training
- New processes in place – Terminated-Duplicate status, manual process in place for “Completed” registrations (not triggered this year)

- DR Hub calculated Winter Peak Load this year from load data submitted by the CSP

	Number of 2019/2020 LM Registrations having a WPL	Registered MW	% of hours submitted used in WPL determinations <small>(Registered MW with any WPL excluded hours)</small>	% of registrations using DY-2 (2017/2018) as WPL base year <small>(Registered MW using DY-1)</small>
Overall	4,244	3,026	99.43 <small>(107)</small>	99.6 <small>(18)</small>
CP	794	822	99.62 <small>(18)</small>	97.7 <small>(18)</small>
Base	3,450	2,204	99.39 <small>(89)</small>	100.0 <small>(0)</small>

Note: Registered MW = Winter Nominated ICAP for CP and Summer Nominated ICAP for Base

Amount of load data needed to calculate WPL up from ~800 to 4,200 location this DY.
Volume will go up from 4,200 location to ~12,000 locations next DY (20/21)

- First year for Seasonal Aggregation for Capacity Performance registrations
 - No Annual ICAP on registration
 - RPM Auction Resource nomination calculated by taking the lesser of Summer and Winter ICAP for all registrations attached to the Resource, not for each registration
 - Capacity Performance registrations are now one location per registration

- Allow locations to be registered with summer only or winter only load reductions
 - Summer ICAP and/or Winter ICAP may have zero value
- Require CSP to link RPM Auction Resource to registration before it is marked “Completed”
- On "Resources Linked to Registrations" Report, change the Committed MW and Nominated Summer and Winter ICAPs decimal places from 2 to 1 so they match Capacity Exchange
- Bug fix: when RPM Auction Resource is selected and “Completed” checkbox is checked and then click Save button, the RPM Auction Resource is changed to blank

