Subzonal Communications for LM Dispatch

DRS

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- **The following four slides depict how PJM will communicate Subzonal Load Management events using the PPL_East subzone as an example**
  - **All Call Scripts**
  - **Emergency Procedure Message**
  - **eLRS Event**
  - **eLRS Email**
- **The fifth slide shows the website location where subzone definitions will be posted**

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All Call Scripts – Long and Short Lead Times
(Generic script and PPL_East example)

- **Emergency Mandatory Load Management Reduction, Long-Lead Time:**
  - "This is (name) with an emergency procedures message. As of (state time) PJM is implementing Emergency Mandatory Load Management Reduction, Long-Lead Time for (Entire PJM RTO or specific region). This load management reduction is expected to be fully implemented within 2 hours of this announcement and should remain off for 6 hours, unless released earlier by PJM. This is (name) that is all."

  - "This is **John Doe** with an emergency procedures message. As of **12:00** PJM is implementing Emergency Mandatory Load Management Reduction, Long-Lead Time for **PPL_East**. This load management reduction is expected to be fully implemented within 2 hours of this announcement and should remain off for 6 hours, unless released earlier by PJM. This is **John Doe** that is all."

- **Emergency Mandatory Load Management Reduction, Short-Lead Time:**
  - "This is (name) with an emergency procedures message. As of (state time) PJM is implementing Emergency Mandatory Load Management Reduction, Short-Lead Time for (Entire PJM RTO or specific region). This load management reduction is expected to be fully implemented within 1 hour of this announcement and should remain off for 6 hours, unless released earlier by PJM. This is (name) that is all."

  - "This is **John Doe** with an emergency procedures message. As of **12:00** PJM is implementing Emergency Mandatory Load Management Reduction, Short-Lead Time for **PPL_East**. This load management reduction is expected to be fully implemented within 1 hour of this announcement and should remain off for 6 hours, unless released earlier by PJM. This is **John Doe** that is all."

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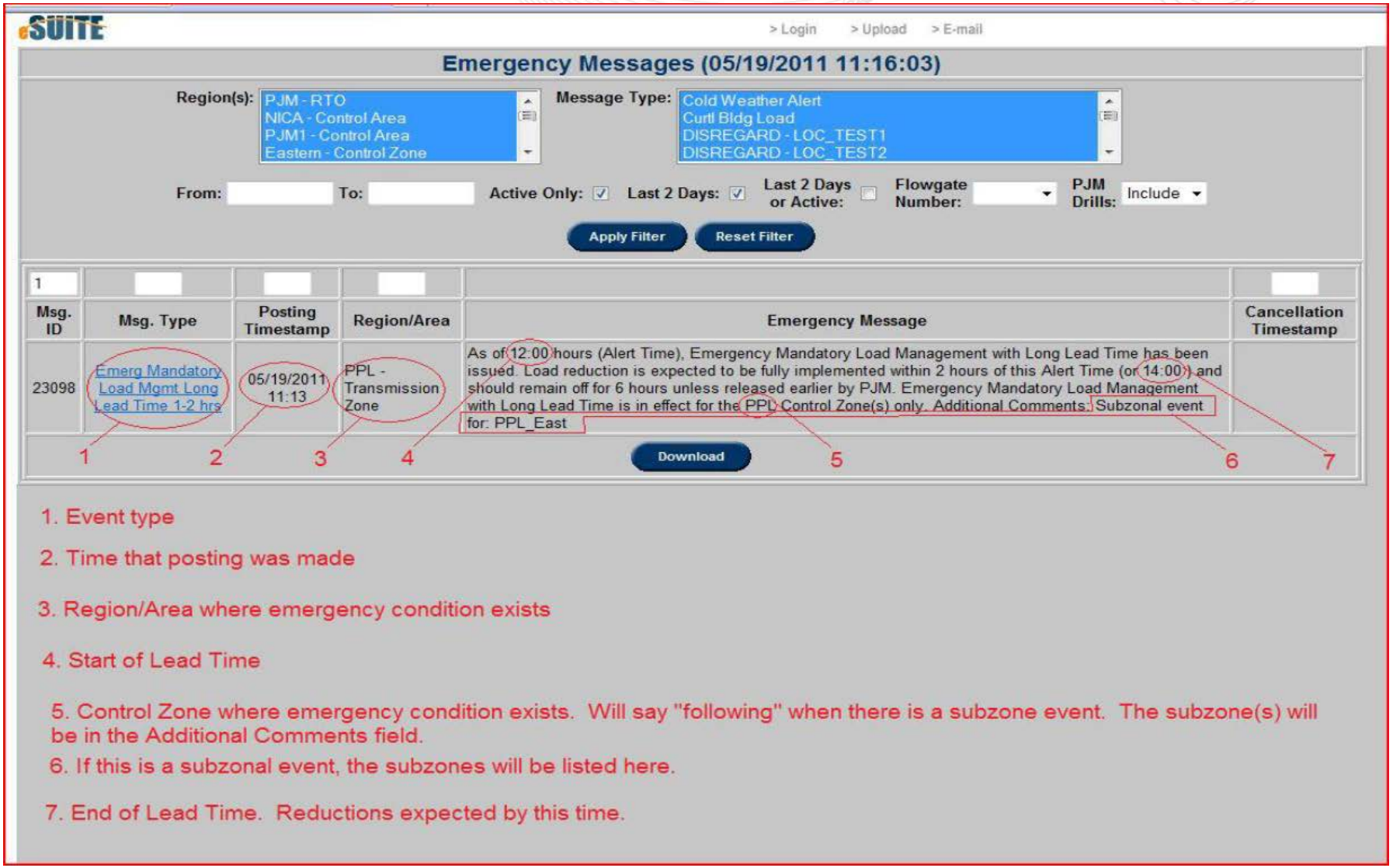
Example Emergency Procedures Message



1. Event type
2. Time that posting was made
3. Region/Area where emergency condition exists
4. Start of Lead Time
5. Control Zone where emergency condition exists. Will say "following" when there is a subzone event. The subzone(s) will be in the Additional Comments field.
6. If this is a subzonal event, the subzones will be listed here.
7. End of Lead Time. Reductions expected by this time.

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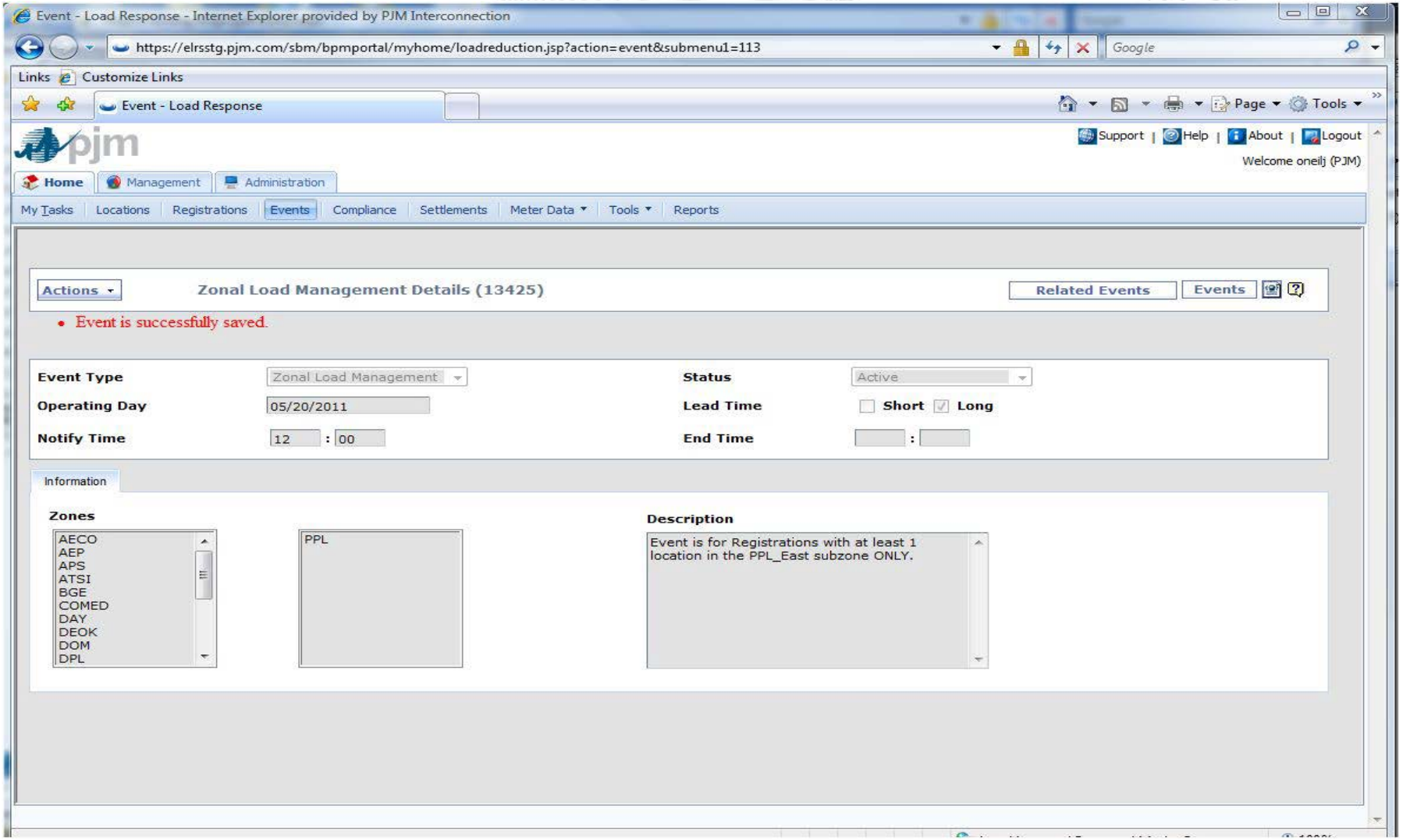
Load Management Event as Seen in eLRS Events



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Alert Email from eLRS

- At 05/20/2011 12:00, PJM declared a Zonal Load Management event for long lead resources in zone(s): PPL,. Event is for Registrations with at least 1 location the PPL_East subzone ONLY.

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Website Location for Subzone Definitions

- PJM will post subzone definitions on the PJM website at this URL (direct link to page):
  - http://www.pjm.com/markets-and-operations/demand-response/dr-capacity-market.aspx
- Here is the path from PJM's homepage:
  - Home > Markets & Operations > Demand Response > Demand Response Capacity Market

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