



Emergency Interruptible Load Service (EILS) Update

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Board of Directors Meeting
April 19, 2011

Contract Periods & Time Periods

- **EILS is procured 3 times annually for 4-month Contract Periods**
 - February thru May
 - June thru September
 - October thru January
- **Participants may offer to provide the service for one or more Time Periods:**
 1. Business Hours 1: 8AM to 1PM Monday-Friday*
 2. Business Hours 2: 1PM to 4PM Monday-Friday*
 3. Business Hours 3: 4PM to 8PM Monday-Friday*

* Except ERCOT Holidays

 4. Non-Business Hours: All other hours
- **Time Periods are designed to allow flexibility in for customers during traditional business hours**

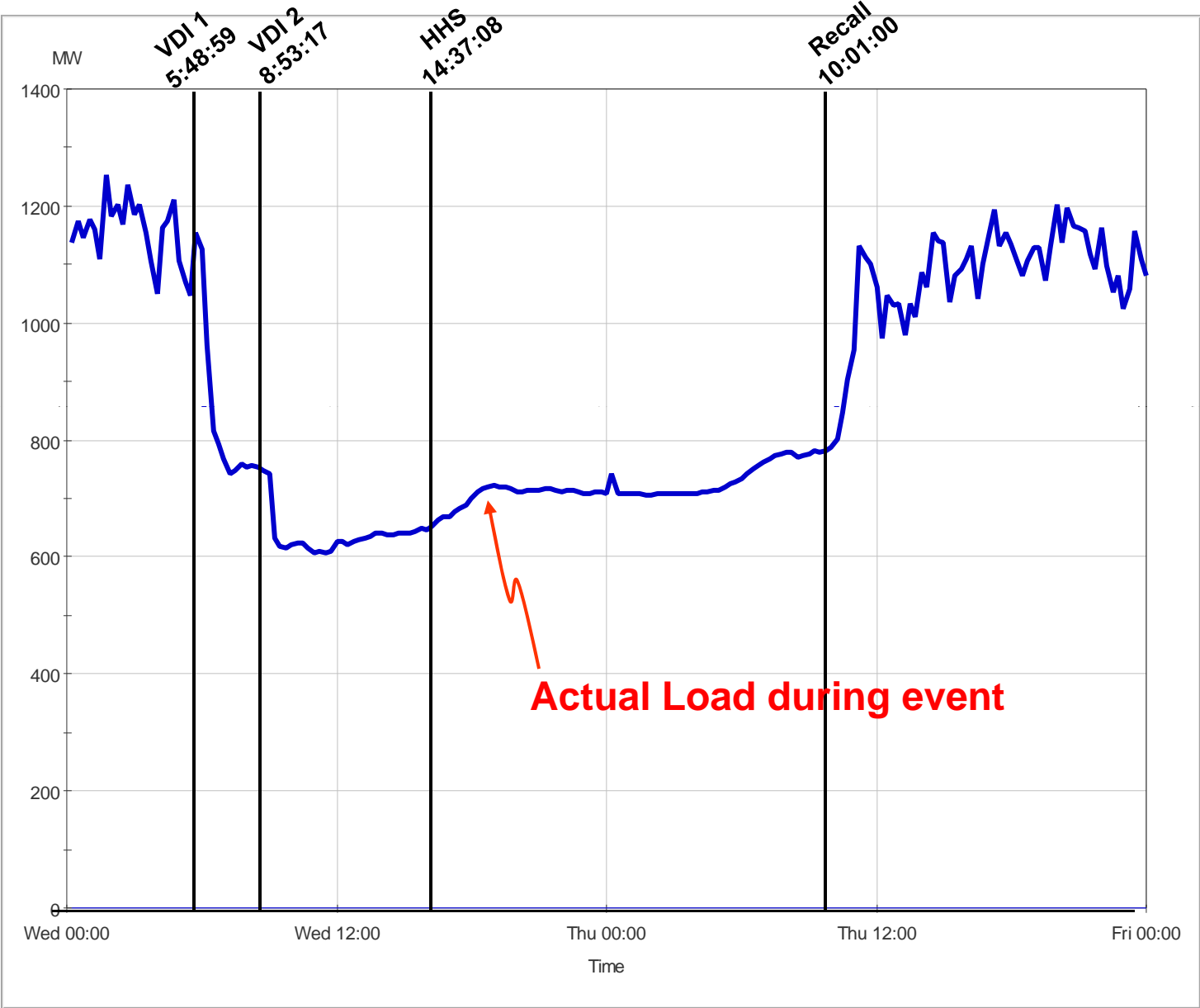
February 2-3 EILS Event Update

- **EILS was dispatched twice on Feb. 2**
 - 05:49 initial dispatch: 384 MW obligated
 - 08:53 second dispatch: 84 additional MW obligated
- **EILS was recalled at 10:01 on Feb. 3**
 - 28-hour deployment included 5 transitions to new Time Periods
- **Event performance analysis has numerous complicating factors:**
 - EILS Loads are required to “remain reduced” until recalled, even if not obligated in all hours
 - Extra scrutiny required to ensure accuracy of baseline estimates for business-as-usual Load over an event of this duration
 - Loads were allowed partial or temporary return to service to avoid risk to health & safety or long-term damage to industrial equipment

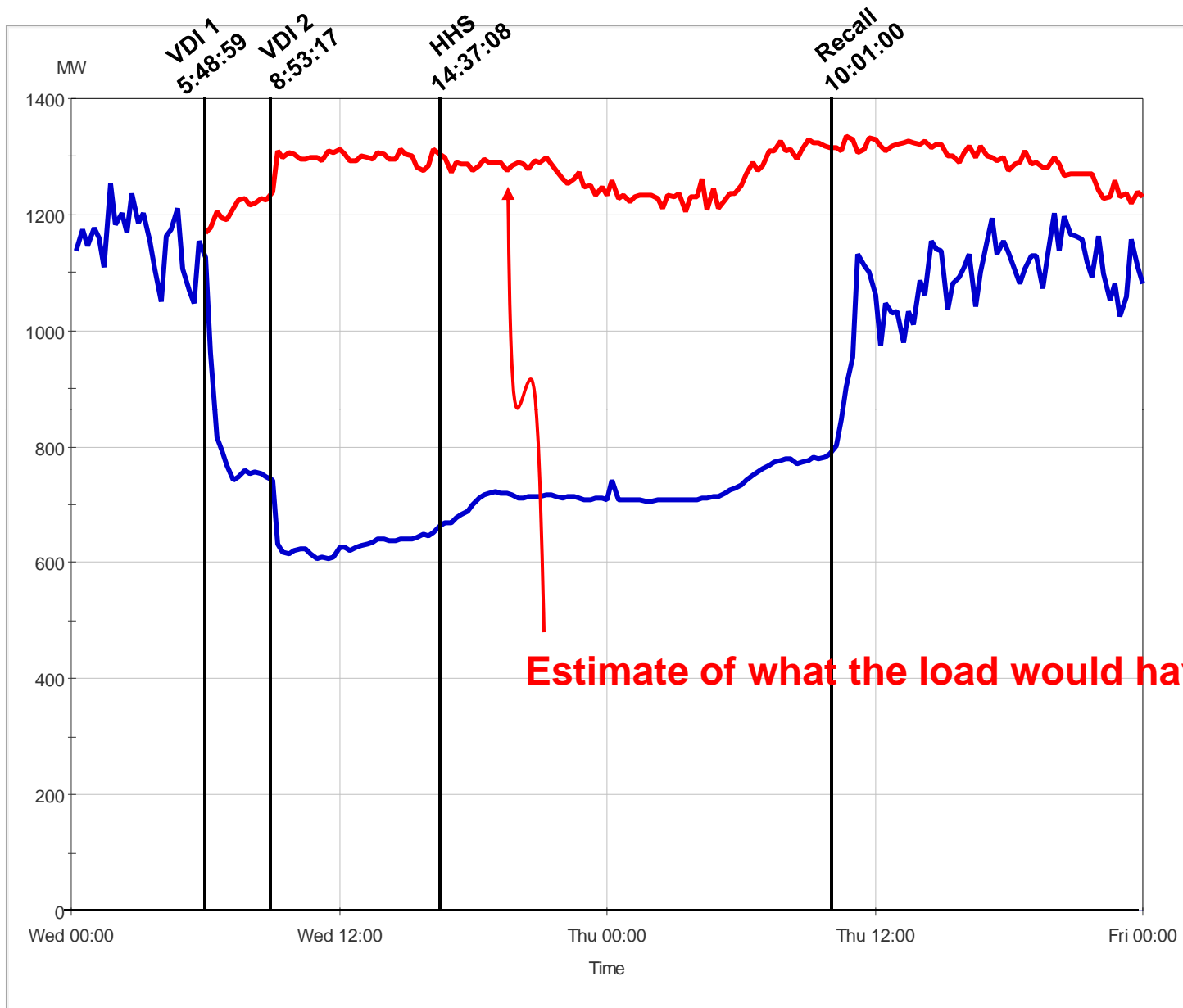
February 2-3 EILS Event Update

- **Performance review being conducted at three levels:**
 - EILS fleet
 - QSE Portfolio
 - Individual EILS Load
- **At March 24 PUC Open Meeting ERCOT reported:**
 - For first three hours of event EILS Loads provided an average of 381 MW of demand response (99% of 384 MW obligation)
 - For next five hours (following 2nd dispatch) EILS Loads provided an average of 588 MW of demand response (126% of 468 MW obligation)
- **This analysis was preliminary and more granular review at the fleet level is now complete**
- **Final report on event performance will be complete first week of May**

February 2 - 3, 2011

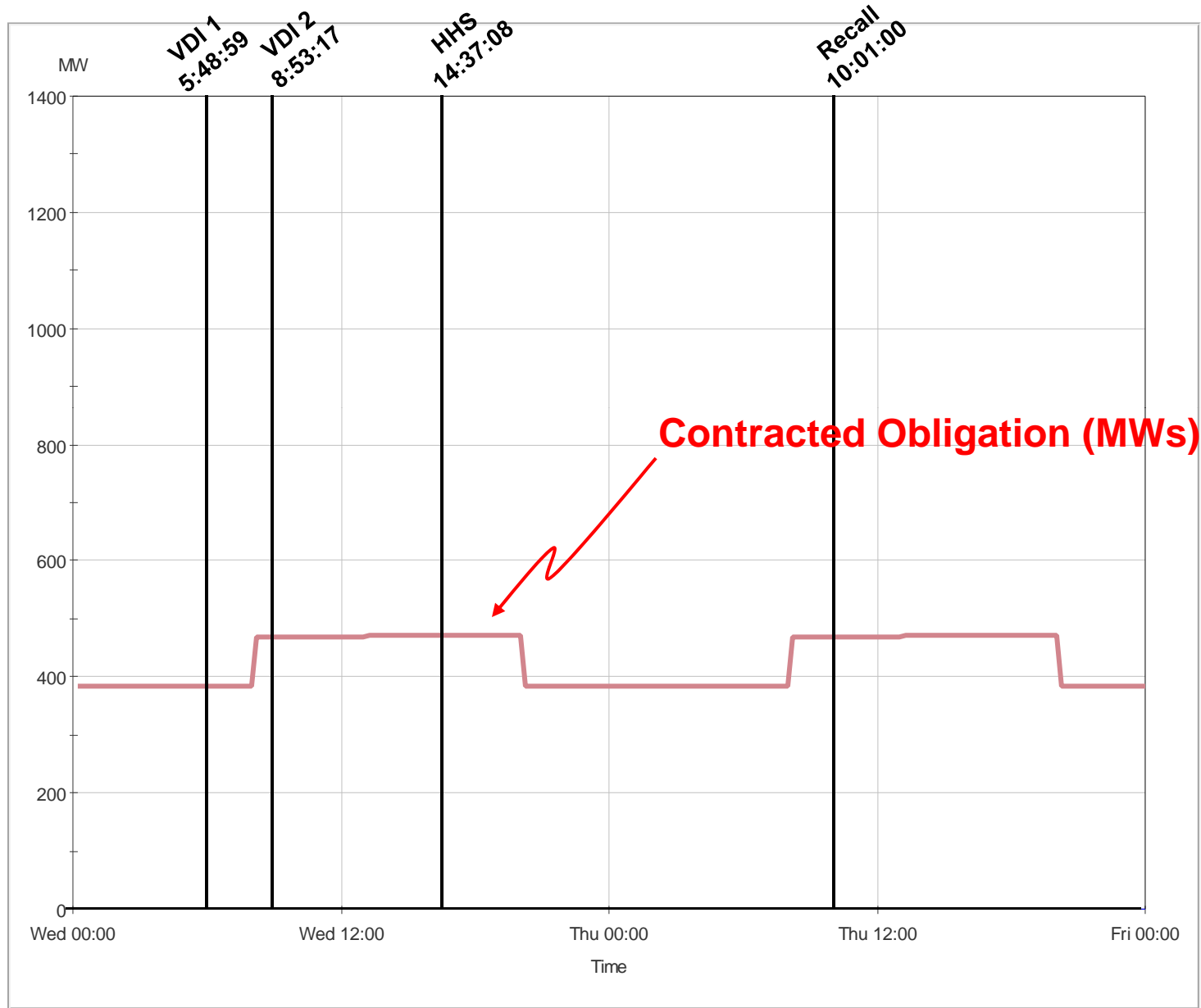


February 2 - 3, 2011

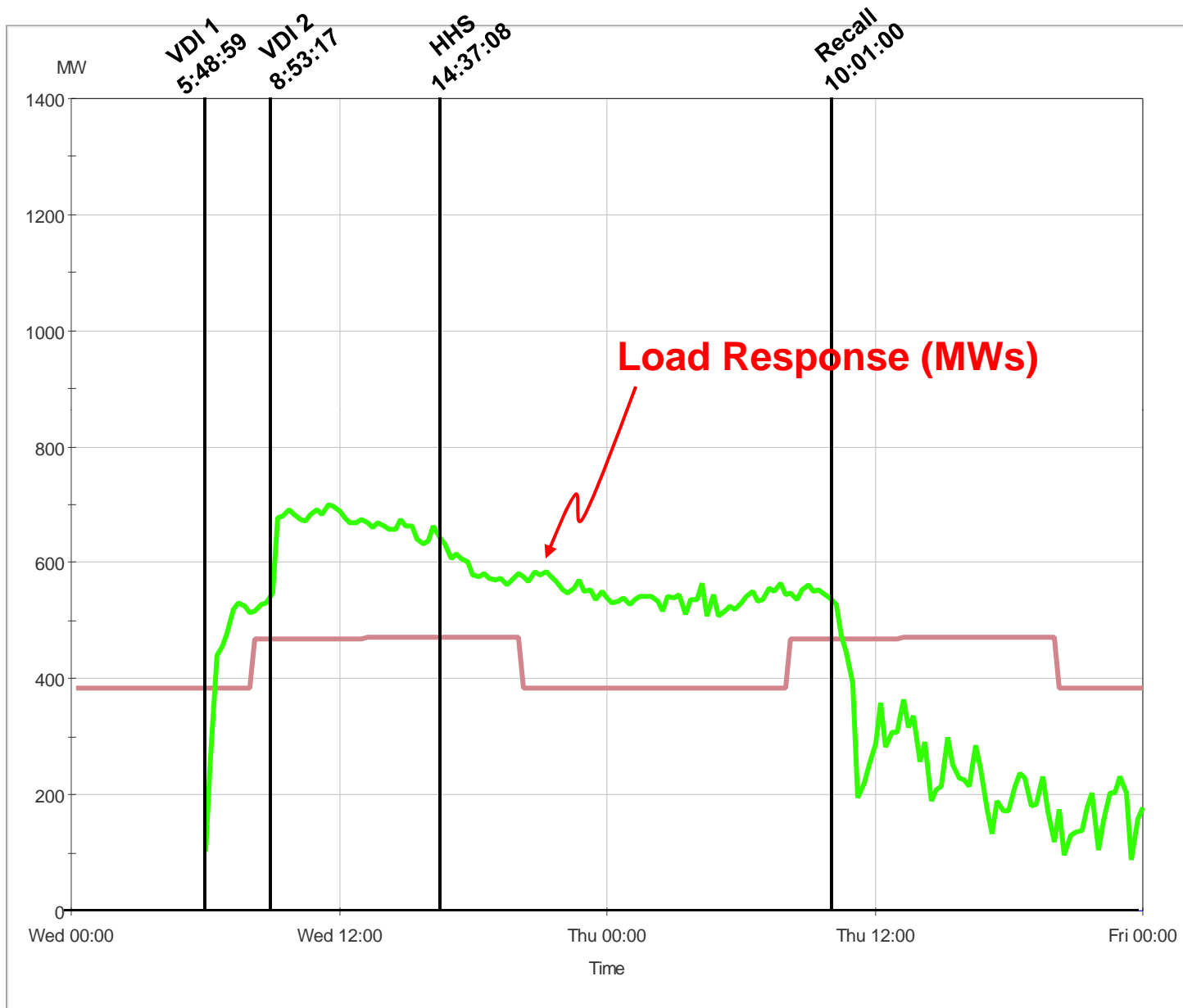


Estimate of what the load would have been

February 2 - 3, 2011



February 2 - 3, 2011



Procurement for April-May 2011 Contract Period

- **PUC unanimously approved Emergency Rulemaking at March 24 Open Meeting (Project 39191)**
- **ERCOT procured only those EILS Loads that ERCOT could conclusively determine performed during the February 2 event**
 - Some loads that were not procured may ultimately be found to have successfully deployed after more thorough evaluation
- **For the 4 time periods ERCOT procured from 117.7 to 130.4 MWs with a maximum average cost from \$6.20 to \$6.80 per MW**
- **Total maximum projected cost for this contract period is \$1,119,879.10**