

# **Session on FIX and ITCH**

**Week 19**

April 24, 2015  
Ayala Board Room, 4 to 5pm



# Meeting Agenda

- I. Main Achievements in this Period
- II. Main Activities in the Next Period
- III. MR 3 Results
- IV. MR 4-5 Test Plan
- v. Milestone Report

# Main Achievements in this Period

- I. Submission of the 22<sup>nd</sup> FIX Milestone Report.
- II. Market Rehearsals 1 - 3

# Main Activities in the next Period

- I. Submission of the 23rd Milestone Report for FIX
- II. Submission of the Milestone Report for ITCH

# MR 3 Results:



- 7 out of 8 Market Data Vendors Participated
- 31 out of 34 Brokers Participated via their own Order Management System (OMS)
- 127 out of 133 Active Brokers Participated via PSETradex Expert Terminal and their own Order Management System [OMS]
- 165,312 orders were entered
- 48,119 trades were executed

# MR 4 Test Plan:



## Schedule of failover scenario:

Data Center	Activities	Time
Production Site	Market Open	09:00 am
Production Site	System Failure on PSE's Primary Data Center	10:30 am
Production Site	Declaration of Market Halt	10:30 am
<i>(Failover period)</i>	Notify TPs via SMS that PSE will invoke DR	11:00 am
<i>(Failover period)</i>	For TPs connected via leased line or dropwire, to switch IPs and Ports to DR	11:00 am to 01:00pm
<i>(Failover period)</i>	Market Recess	12:00 nn
<i>(Failover period)</i>	Declaration of Lifting of Market Halt	12:00 nn to 01:30 pm
DR Site	Trading Resumes ( <i>Continuous Trading</i> )	01:30 pm
DR Site	Market Close	03:30 pm

# MR 4 Test Plan:

- For TPs using PSEtrader Expert, all orders entered in the Production environment will still be present in the order book when shifted to the DR environment.
- TPs using their own Order Management System (OMS) may request for a cancellation of pending active orders before the market resumes.
- TPs using their own OMS should not reset the sequence number when shifting to the DR environment

# MR 5 Test Plan:

- To be able to simulate a trading day using the PSE Disaster Recovery (DR) Environment
- To be able to simulate Day 2 of trading with the new trading system for validation of non-day orders entered on Day 1 and purging of orders for securities that change its boardlot



# Pre-Go Live Activities:



- PSE will observe the “Change freeze” one (1) week prior to Go Live (infra and systems)
- Infra (Leased lines, Router and FW) changes will be made 2 weeks after Go Live

# Pre-Go Live Activities:

- Deadline of requests for the following shall be on April 30, 2015:
  - a. Additional PROD source IP
  - b. FIX Connection
  - c. CCG/DMA Trader ID

# Milestone Report (FIX):22<sup>nd</sup> Submission



**Criteria 4 (10%)**: Broker infra setup complete as per PSE production connectivity requirement. Broker infra was tested successfully with PSE infra.

Completion Rate	No. of TP
Completed 10%	33
Above 5%	1
<b>Total</b>	<b>34</b>

# Milestone Report (FIX):22<sup>nd</sup> Submission



**Criteria 7 (10%)**: System encountered no error on the last Market Rehearsal and is ready for GO LIVE.

Completion Rate	No. of TP
Completed 10%	0
0 %	34
<b>Total</b>	<b>34</b>

Thank You!