



Item 5: Market Participant Training Update

Art Deller

Manager, Market Training

Human Resources and Governance Committee
Meeting

ERCOT Public

April 8, 2019

Developments since last update – Apr 2018

Instructor Led Training

New

Wholesale 101

Texas SET

Web Based Training

New

Emergency Operations

Market Participant Relationships

LMP Fundamentals

Market Training Courses - 2019

Instructor Led Training

- Wholesale 101
- Retail 101
- Inadvertent Gain / Loss
- MarkeTrak Training
- Texas SET
- Load Serving Entities 201
- Congestion Revenue Rights
- Credit Management
- Market Settlements 301
- Wholesale Markets 201
- Resources 301
- ORDC
- Intermittent Renewable Resources

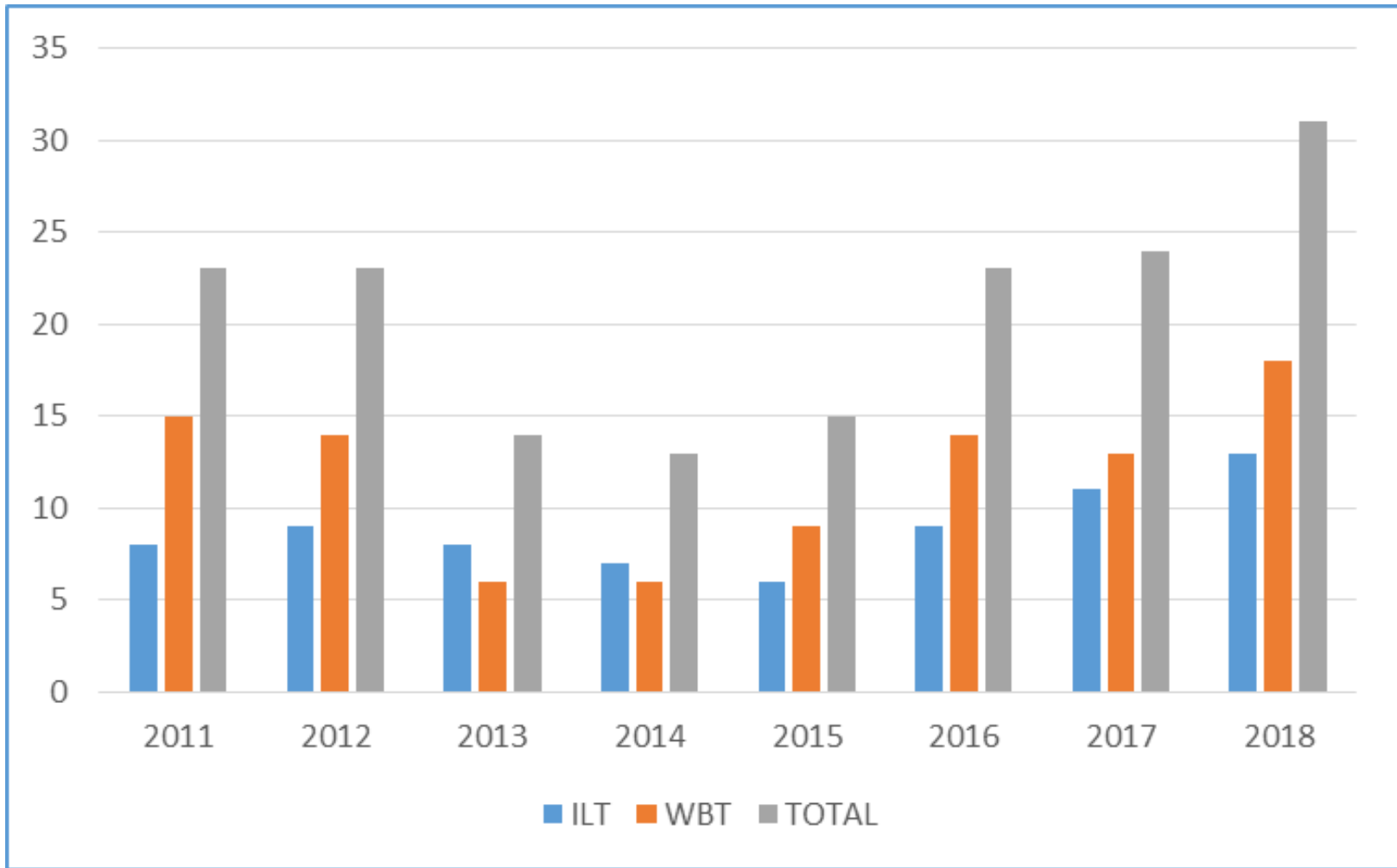
Web Based Training

- ERCOT Foundations
- Nodal 101
- Market Participant relationships
- LMP Fundamentals
- Retail 101
- Load Serving Entities 201
- Wholesale Markets 201
- Resource 301
- Intermittent Renewable Resources
- Credit Management
- Congestion Revenue Rights
- Emergency Operations and Communications
- Intro to Data Extracts
- ORDC
- Outage Scheduler
- Market Manager
- MarkeTrak
- CRR Market User Interface
- Market Info. System (MIS)

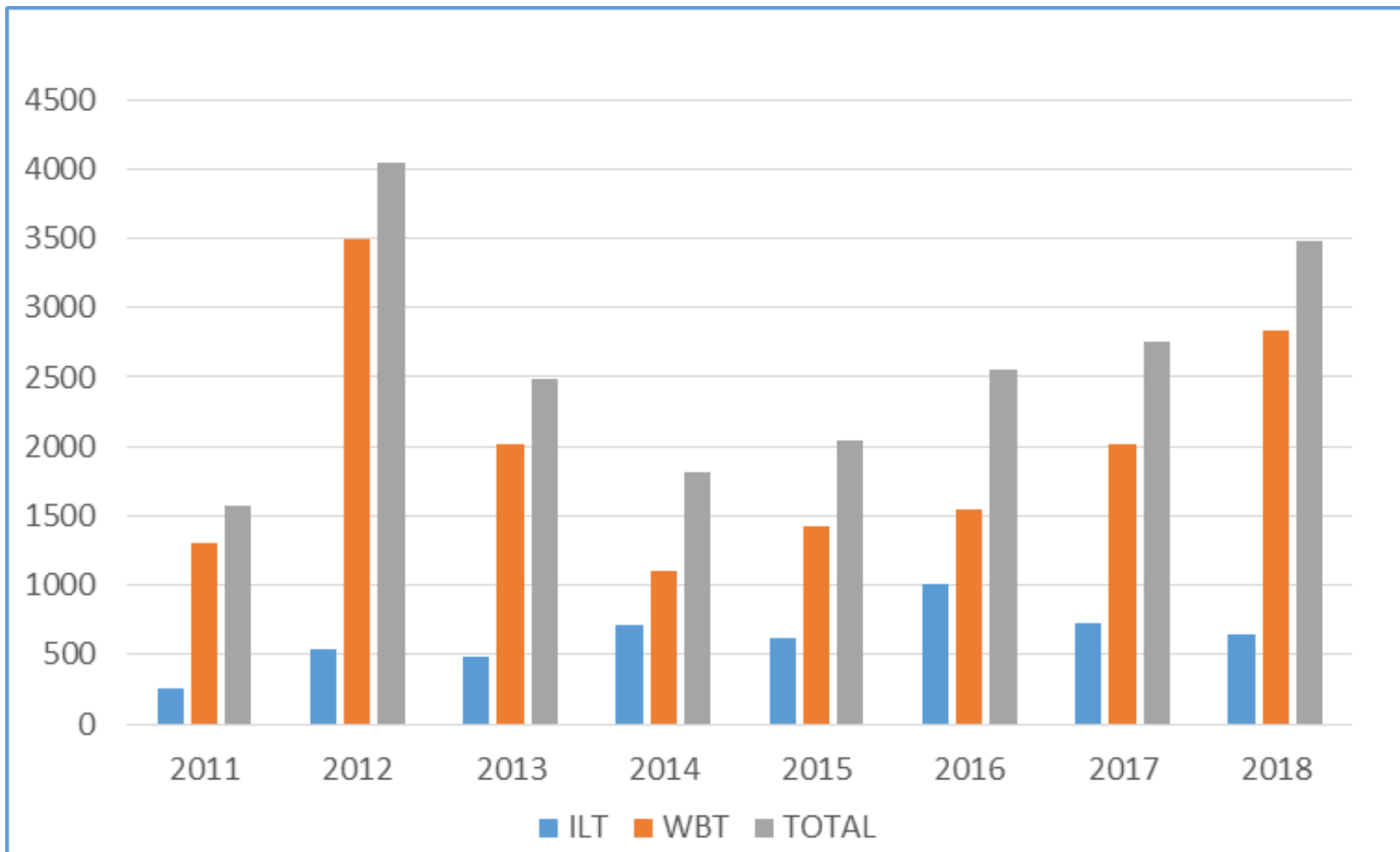
Accomplishments - 2018

- Curriculum at opening of Nodal Market restored
- New Emergency Ops and Communication WBT – new format, new technology
- Texas SET class
- Implementation of maintenance schedule

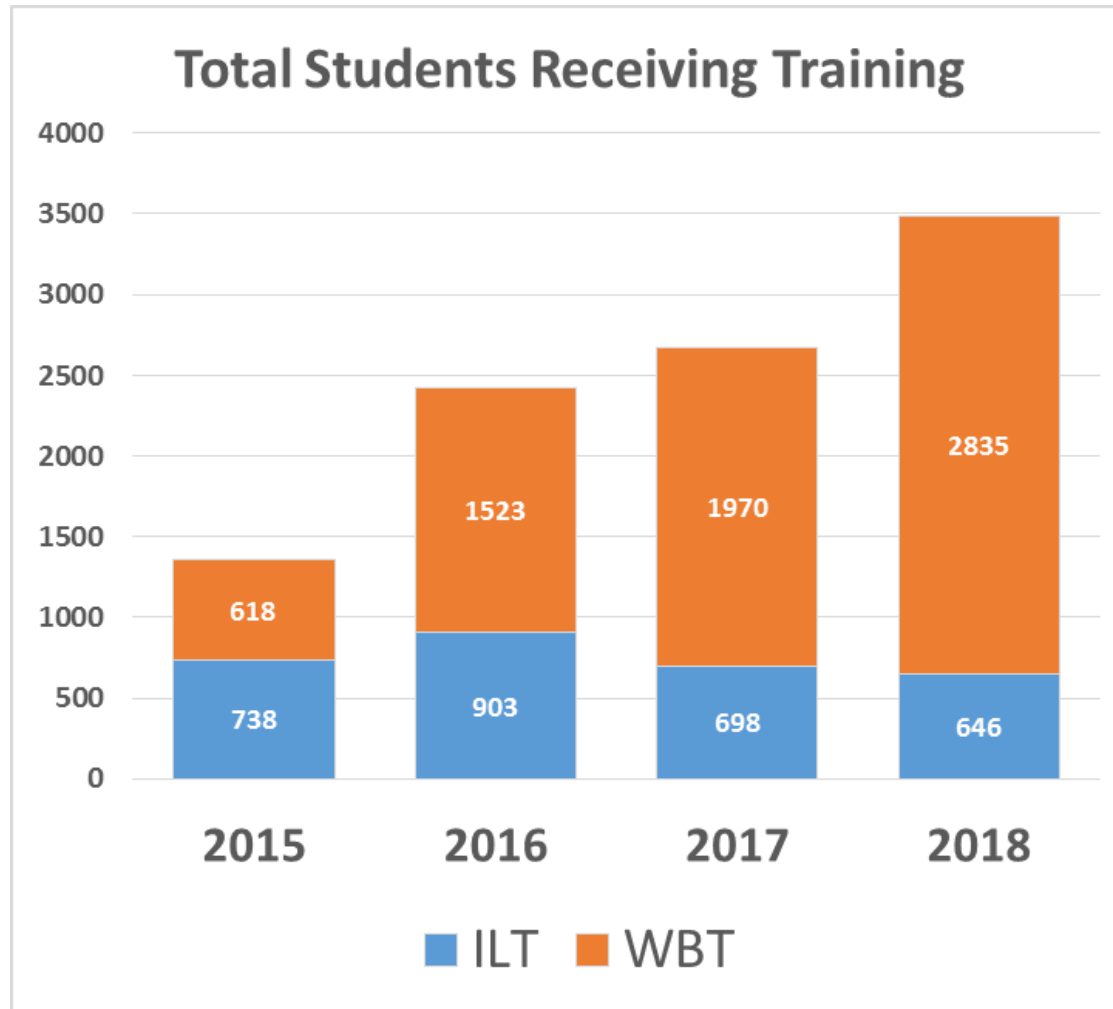
Courses Offered



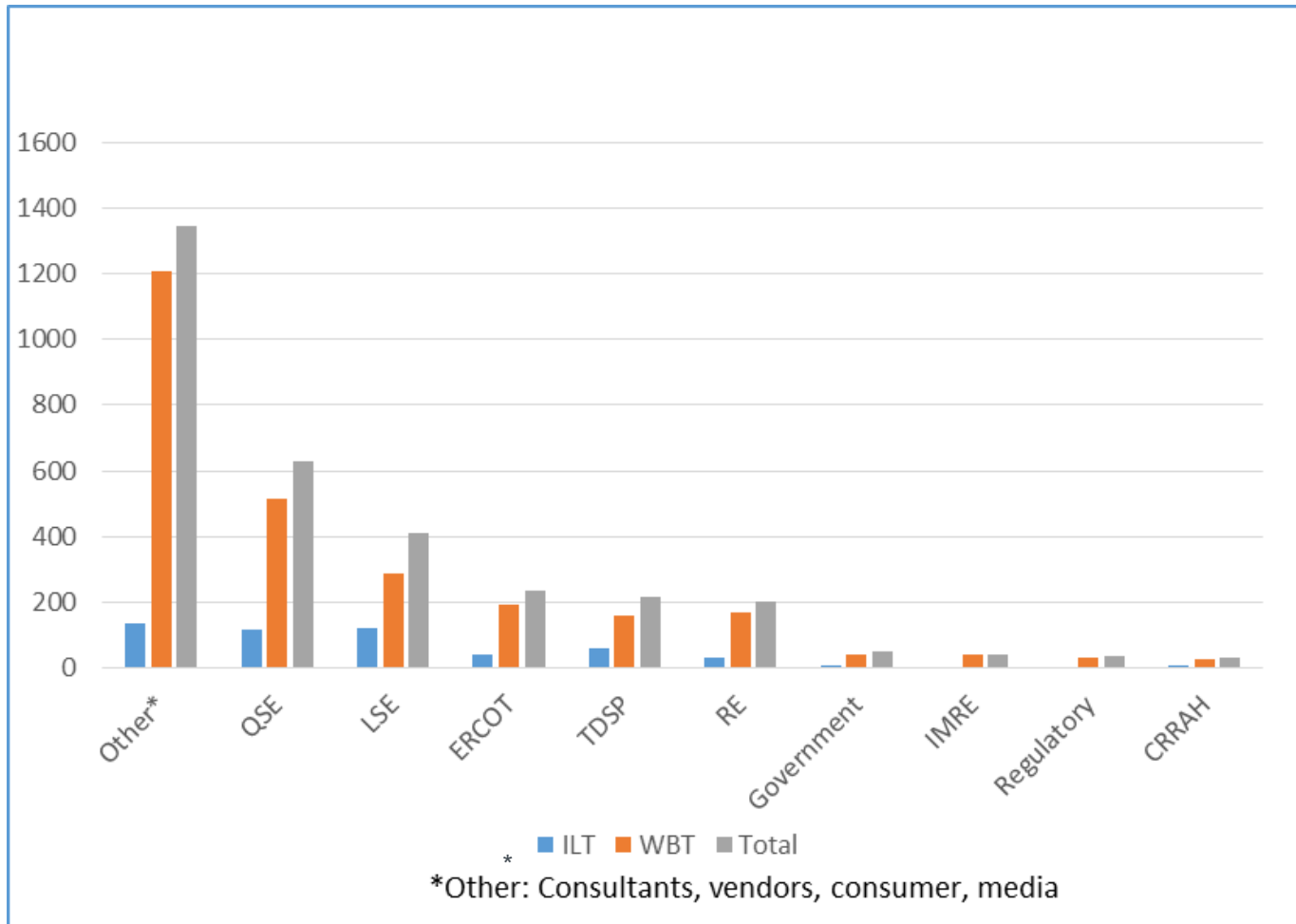
2018 Training Attendance



2018 Training Attendance



2018 Attendance by Market Participant Type



Upcoming Development for 2019

- Updates to existing courses
 - ORDC
 - All courses for addition of Panhandle Hub
- Development of RTC training material
- Focused Settlement Topic Modules
- Revise classes to new format

What's next?

- Continue work with Market groups on new material
- Develop new WBT content that is shorter and more focused
- Track feedback from new class format, apply lessons to new development
- Prototype and test new video content

New Curriculum

F101
ERCOT Foundations
CBT

F102
Market Participant Relationships
CBT

F103
LMP Foundations
CBT

F104
Price Formation
CBT

F105
Settlement Timeline
CBT

F106
Resource Limits
CBT

F107
Security Constrained Economic dispatch
CBT

F101, F102, F103

W101
Wholesale Basics
ILT CBT

W102
Outage Scheduler
CBT

M101
Market Information System
CBT

M102
Intro to Extracts
CBT

W101, F104

W201
Wholesale Markets
ILT CBT

M201
Emergency Operations & Communications
CBT

W201, F105

W301
Settlements
ILT

W102, W201, F106, F107

W302
Resource
ILT CBT

<Prerequisites>

<Class Number>
<Class Name>

ILT -Instructor Lead Training

CBT -Computer Based Training



Market Training team

Art Deller – Manager Market Training

Bill Kettlewell – Market Training Lead

Lloyd Prichard – Market Training Instructor Sr

Matt Tschetter – Instructional Systems Developer

Kim Parish – Instructional Systems Administrator