

EOA

 ENERGY OUTLOOK
ADVISORS

IS DISRUPTIVE TECHNOLOGY CORRUPTING ENERGY DATA QUALITY?

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Lessons from The Shale Revolution

- **Never Say Never**
- **The Only Constant is Change**
- **The Change is Happening Faster and Faster.... and Faster**
- **But Principles Stay the Same**

Is Data Keeping up with Speed? **Demand Side**

- **Old Problem:** Energy industry, investors, and policy makers need timely data
- **New Problem:** Generations Y and Z, future leaders, need the data at their finger tip!
- **New Problem:** Emergence of renewable energy and LNG on a global scale
 - “Re” Emergence of new players and disappearance of others

Are we keeping up with technology and changes to dispense data?

Is Data Keeping up with Speed? **Supply Side**

- **Old Problem:** Getting the data and news with certain deadline: daily, weekly, and monthly
- **New Problem:** Producing content **INSTANTLY** (Time for journalists cut from a day to only minutes)
- Leading to corruption of information in a multilateral world: **Saudi press conference, the attack on Iranian ship**

The Continuously Emerging Data Problems

- **Definitions:**
Shale, the EIA,
and
condensates
- **Conversions”**
yielding different
numbers for the
same number!

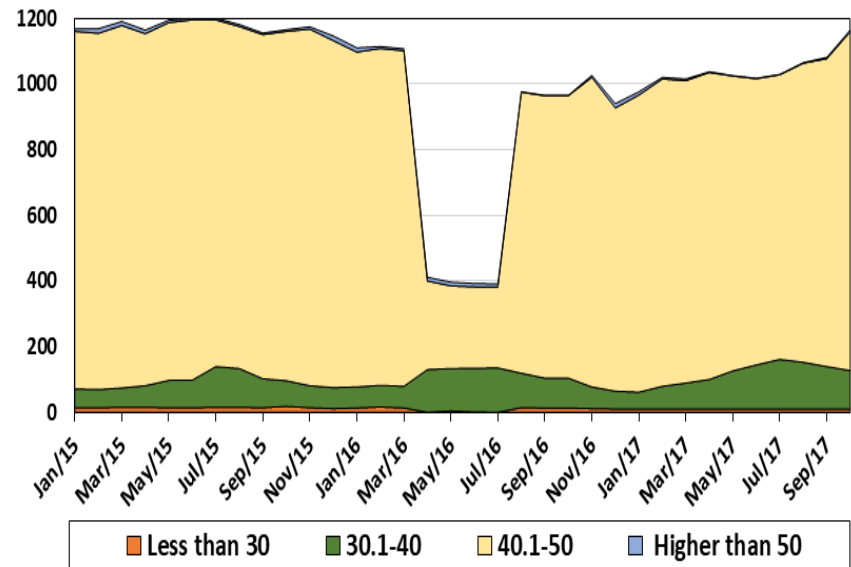
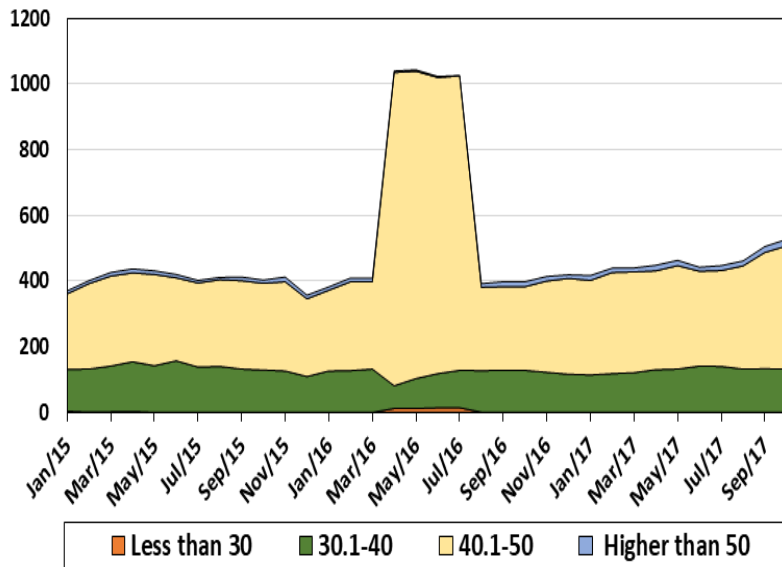


Data Quality is Worsening

Social media, information technology, cost reduction of reports, & deadlines are corrupting the quality of data and information

- **Circular information**
- **Data entry**
- **Use of previous templets**
- **Mandatory data submission**
- **US energy exports** (New govt entities to energy data collection)

TRUE EXAMPLE OF PROBLEMS WITH DATA ENTRY





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