Tracking System Overview: Volumes and Trends

RPS Collaborative 2017 – Lars Kvale, APX, Inc.

lkvale@apx.com
REGISTRIES PROVIDE FOUNDATION FOR:

Markets
- Compliance (RPS)
- Voluntary (Green-e)
- Disclosure markets
- Energy efficiency mandates

Transactions
- Track energy certificates to support all types of transactions:
  - Onsite generation
  - Power Purchase Agreements
    - With utilities
    - Corporate
  - REC only transactions
TIMELINE

- 2001 - ERCOT
- 2002 - NEPOOL GIS
- 2003
- 2004
- 2005 - PJM GATS
- 2006
- 2007 - MRET, WREGIS
- 2009 - NAR, MIRECS
- 2010 - NC RETS
- 2011
- 2012
- 2013
- 2014
- 2015
- 2016 - NYGATS

- REC Only
- All Generation
REGISTRY MAP

[Map of North America with various regions and states highlighted in different colors, indicating different registry map sections such as ERCOT, MIRECS, M-RETS, NAR, NC-RETS, NEPOOL, NYGATS, PJM-GATS, and WREGIS.]
REGISTRY ISSUANCES

- Millions

- WREGIS, MRETS, PJM GATS, ERCOT, NAR, NEPOOL GIS, MIRECS, NCRETS, NYGATS

- 2014, 2015, 2016

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REGISTRY RETIREMENTS

2014

2015

2016

Millions

WREGIS
MRETS
PJM GATS
ERCOT
NAR
NEPOOL GIS
MIRECS
NCRETS
NYGATS

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NEPOOL GIS: 62,000 Projects
PJM GATS: 160,000 Projects
REGISTRY IMPORT & EXPORT TRANSACTIONS

<table>
<thead>
<tr>
<th>Year</th>
<th>Millions</th>
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<tbody>
<tr>
<td>2014</td>
<td>7.3</td>
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<tr>
<td>2015</td>
<td>6.8</td>
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