

# Generator Audit performance Summer 2020

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February 18, 2021 Conference Call

# Generator Audit Performance Data

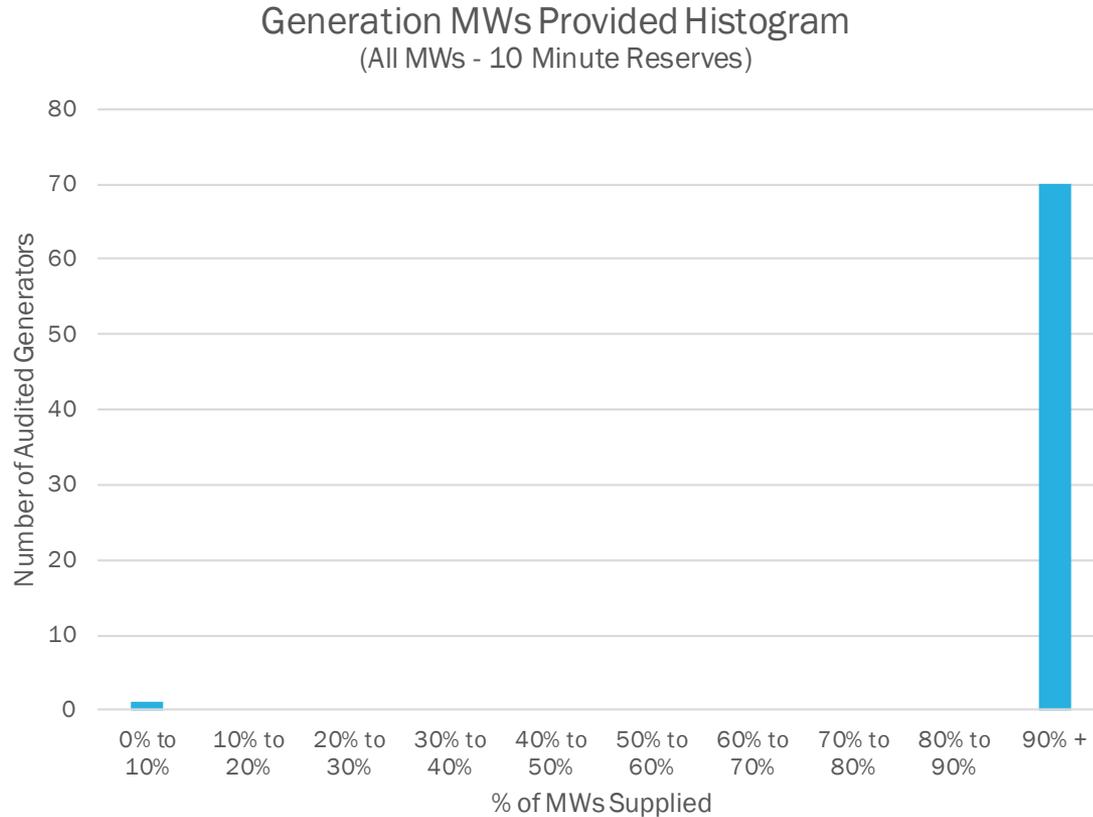
# Generator Audit Performance Results

- The below tables summarize the results of NYISO's analysis
  - Time Period: May 2020 though October 2020

Pass and Fail Rates 10 Minute Reserve Audits				
	Pass	Fail	Total	Pass %
GTs	49	4	53	92%
All Resources	63	8	71	89%

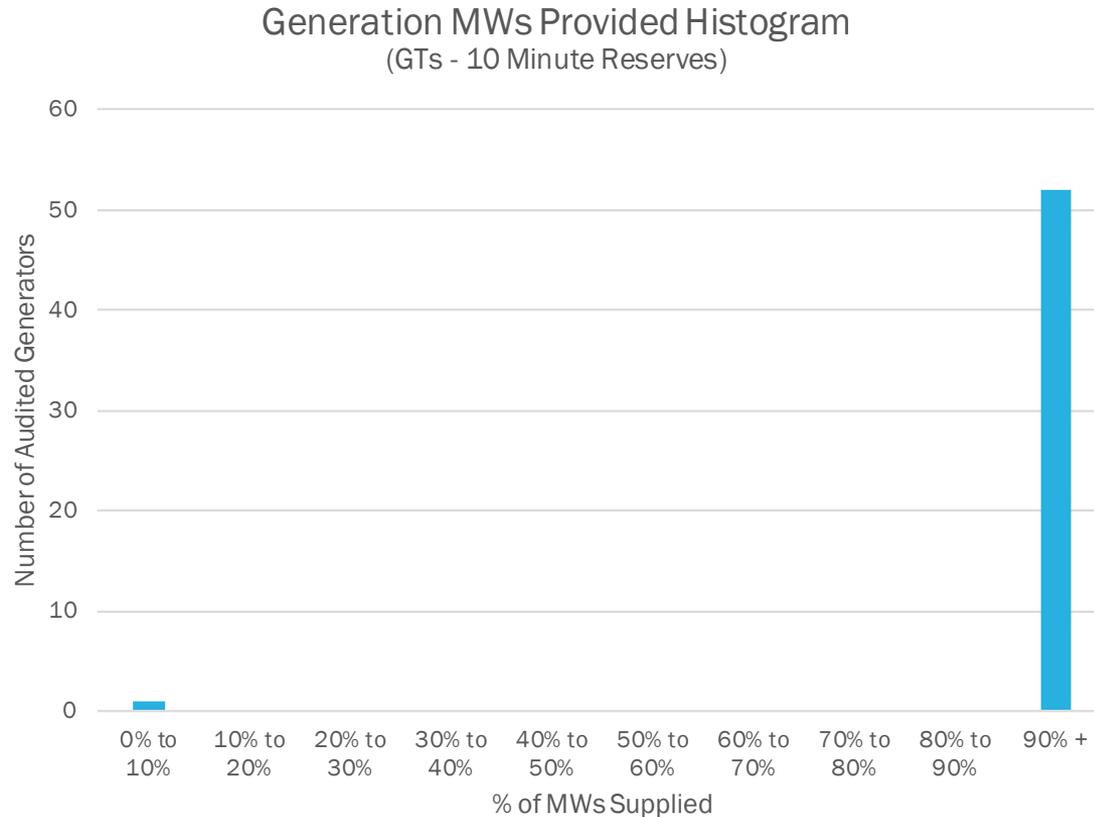
Pass and Fail Rates 30 Minute Reserve Audits				
	Pass	Fail	Total	Pass %
GTs	87	4	91	96%
All Resources	98	5	103	95%

# Percent of Energy Provided (10 minute reserve audits)



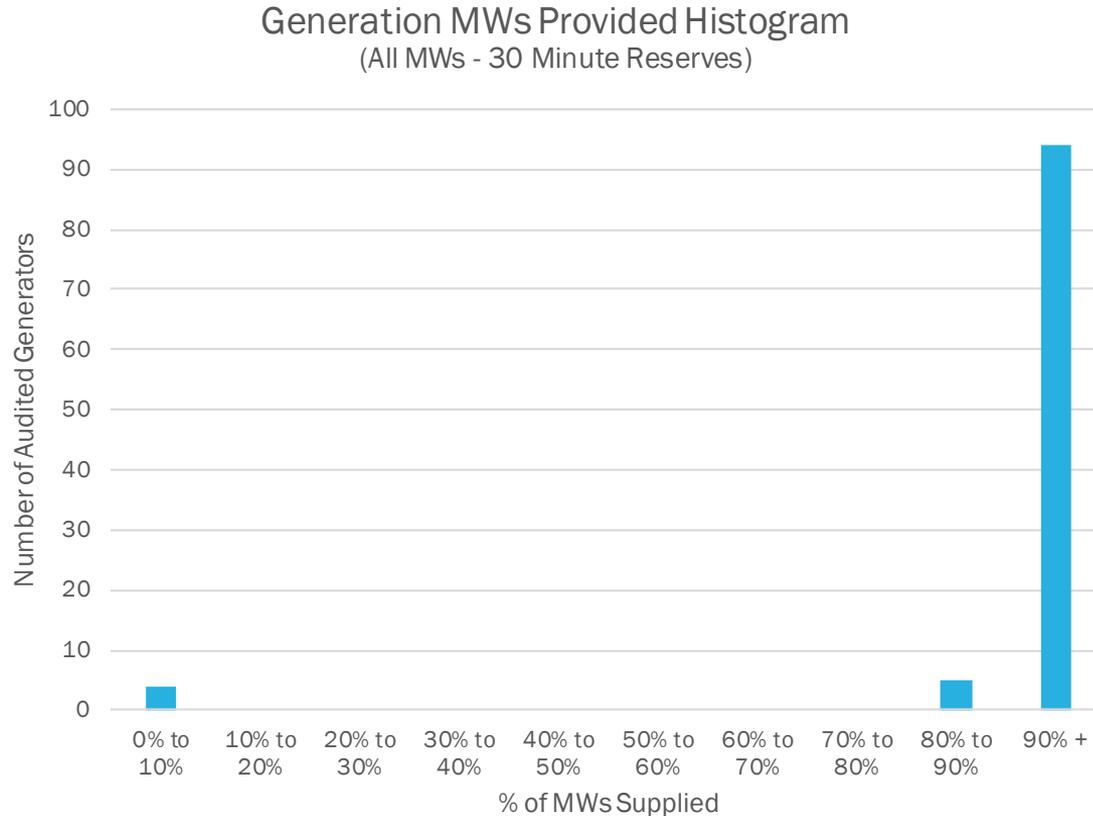
- This graph shows the distribution of the percent of energy (total energy provided/total energy expected) provided by each reserve provider during generator audits
  - 71 generator audits occurred between May 2020 and October 2020
  - Total energy provided was measured at the 11<sup>th</sup> minute after the start of the audit.
- This graph shows that 99% of the time, resources provided more than 90% of total energy expected

# Percent of Energy Provided by GTs (10 minute reserve audits)



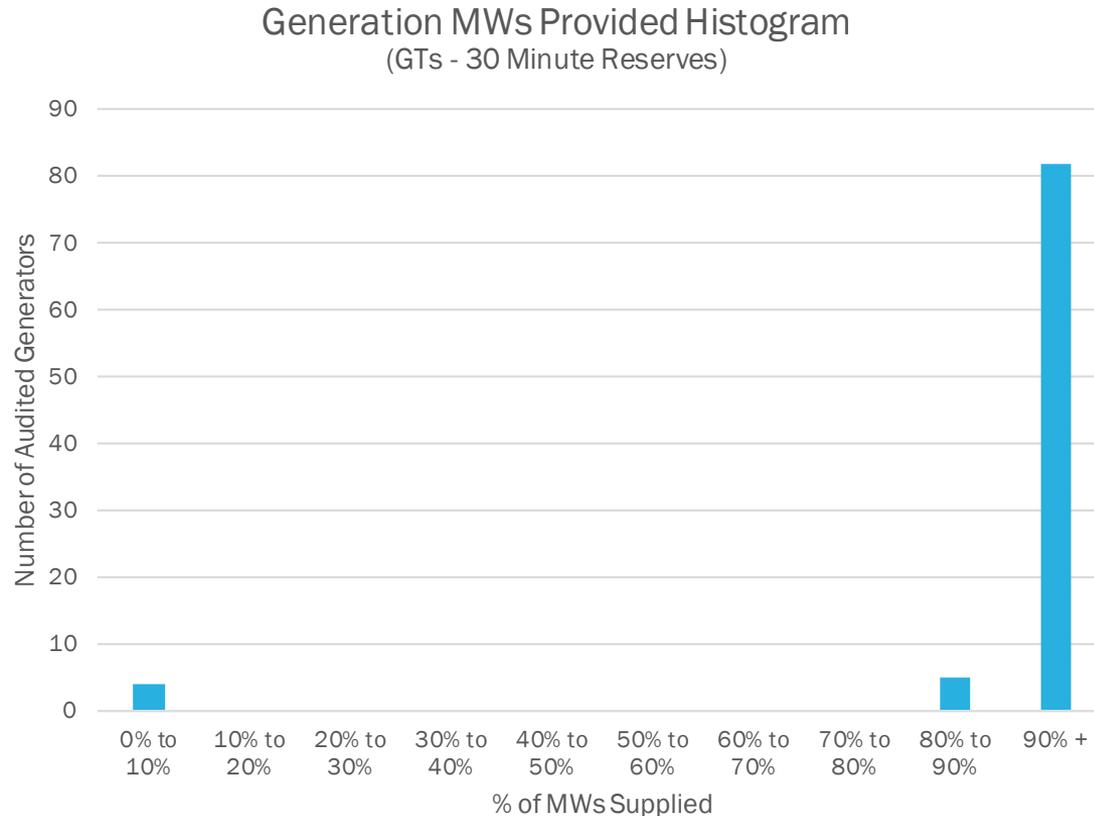
- This graph shows the distribution of the percent of energy (total energy provided/total energy expected) provided by 10-Minute GTs during a generator audit
  - 53 generator audits occurred between May 2020 and October 2020
  - Total energy provided was measured at the 11<sup>th</sup> minute after the start of the audit
- This graph shows that 98% of the time, units provided more than 90% of total energy expected

# Percent of Energy Provided (30 minute reserve audits)



- This graph shows the distribution of the percent of energy (total energy provided/total energy expected) provided by each reserve provider during generator audits
  - 103 generator audits occurred between May 2020 and October 2020
  - Total energy provided was measured at the 33<sup>rd</sup> minute after the start of the audit.
- This graph shows that **91%** of the time, resources provided more than **90%** of total energy expected

# Percent of Energy Provided by GTs (30 minute reserve audits)



- This graph shows the distribution of the percent of energy (total energy provided/total energy expected) provided by 30-Minute GTs during a generator audit
  - 91 generator audits occurred between May 2020 and October 2020
  - Total energy provided was measured at the 33<sup>rd</sup> minute after the start of the audit
- This graph shows that 90% of the time, units provided more than 90% of total energy expected

# Our mission, in collaboration with our stakeholders, is to serve the public interest and provide benefit to consumers by:

- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policymakers, stakeholders and investors in the power system

