GATS Subscriber Group Meeting

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Environmental
Information Services

- Welcome and Introductions

- GATS Status Update

- Recent Enhancements
  - Standing Order Auto Create
  - System Transfers With Standing Orders

- Upcoming Enhancements

- State RPS Updates/State Specific Program Updates

- Blockchain Proof of Concept With the Energy Web

- Subscriber Feedback

GATS Status Update

GATS Status Then and Now
(as of October 19, 2021)

Year	No. of GATS Subscribers	No. of Renewable Generators Registered
2016	12,220	103,388
2019	17,221	204,765
2021	**27,652**	**297,983**

Generators Registered by State

	AL	AR	DC	DE	GA	IA	IL	IN	KY	LA	MD	MI
2016	1	3	2,356	3,091	6	28	753	549	275	1	32,972	110
2019	2	1	4,370	5,246	47	41	3,579	926	303	2	62,705	141
2021	**1**	**0**	**9,315**	**6,070**	**45**	**22**	**31,868**	**1,214**	**290**	**0**	**78,261**	**159**

	MN	MO	NC	ND	NJ	NY	OH	PA	SC	TN	VA	WI	WV
2016	0	7	206	2	49,451	40	2,116	9,242	0	6	1,764	33	375
2019	0	24	288	2	101,860	27	2,535	19,855	16	6	2,333	24	431
2021	**2**	**23**	**322**	**2**	**135,444**	**27**	**2,658**	**29,404**	**16**	**7**	**2,640**	**12**	**428**

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3,136 Generator Approvals
Monthly average – September 2020 through September 2021

Generator Approvals by State Certification	
DC	12,791
DE	5,982
IL	32,185
MD	80,420
NJ	140,421
OH	10,388
PA	38,208
VA	278,231

Generator Updates *Monthly Average*	Submitted	1,553
	Approved	1,169

Solar Facilities Registered in GATS

- 308,795 solar PV facilities in 23 states & DC
- Total solar PV nameplate capability: 12,540.19 MW
- Largest solar PV project registered: 265 MW
- Mostly residential registrations
- 1,549 solar thermal facilities in 11 states & DC
- Total solar thermal nameplate capability: 13.22 MW

GATS Recent Enhancements

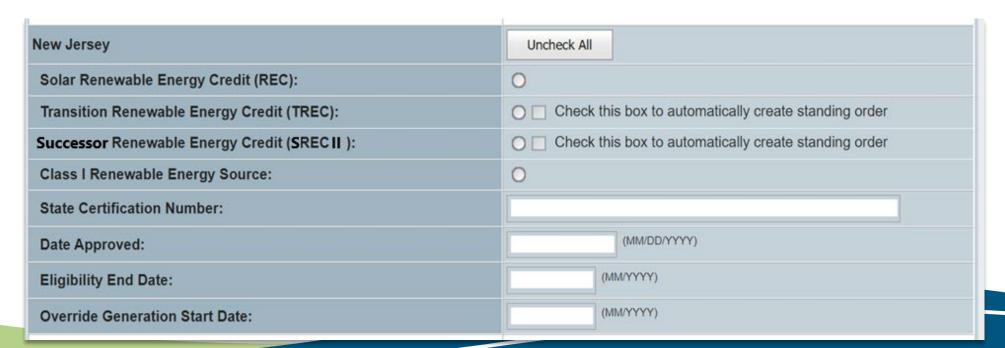|	
State Program Changes	• *New Jersey*: Implemented new Solar Transition Program • *Illinois*: Implemented State Data API for enhanced solar data validations • *Ohio*: Tracking Credits for the Solar Generation Fund (SGF) • *Virginia*: Auto-Certification change due to Virginia's Clean Economy Act (April 2020)
Generation Entry	• Low Generation Release • Assets >> Generation >> Held Generation − Click on the Low Tab; Check the Checkbox for those system you wish to release; Click Submit at the bottom of the report

Generator Updates	• Pending and Processed Generator Updates Report
	   − Assets >> Assets >> Generator Update History • Auto Approval of Generator Updates
	   − IMR Updates when no generation has been entered

Standing Orders	• Edit Standing Orders • Certificate Folder Selection • Standing Order Auto Create • System Transfers With Standing Orders

Standing Order Auto Create Enhancement

- **Program Specific**

  NJ Transition Program & SREC II Programs

- **All parties involved will continue to receive an email notification**

- **Standing Order will appear in the Program Administrators inbox for confirmation**

- **Standing Orders will not be processed until they are confirmed by Program Administrator**

New Jersey	Uncheck All	
Solar Renewable Energy Credit (REC):	○	
Transition Renewable Energy Credit (TREC):	○ ☐	Check this box to automatically create standing order
Successor Renewable Energy Credit (SREC II):	○ ☐	Check this box to automatically create standing order
Class I Renewable Energy Source:	○	
State Certification Number:		
Date Approved:		(MM/DD/YYYY)
Eligibility End Date:		(MM/YYYY)
Override Generation Start Date:		(MM/YYYY)

Irrevocable Standing Orders

- Upon transfer of the system, a new Standing Order will be created with the same information on the current Standing Order
  Initiator of the Standing Order will be updated to the new subscriber

- If the counterparty is the TREC/SREC II Admin, the Standing Order appears in the inbox pending approval

- If the counterparty is NOT the TREC/CREC Admin, then the Standing Order is automatically approved with the updated subscriber information

- All parties are notified via email

Non-Irrevocable Standing Orders

- The Standing Order is terminated

- All parties are notified via email

GATS Upcoming Enhancements

State Program Updates

- *NJ's SREC II (SuSI) Program*
  - New Certification Number formats validated

- *VA Distributed Energy Resource Program*
  - AC Rating field available if DC rating is less then 1.5MW

System Size (kW) : *		(KW – DC Rating)		(KW – AC Rating)

  - New Program available if the system is location in VA AND the fuel type is Solar (SUN), Wind (WND) or Other Biogas (OBG)
  - Virginia DER Attestation for Self-Certification

- *All screens and report that will reference the new programs will be updated*

System Performance

- Continued system improvements and monitoring

State Program Updates

PJM EIS Blockchain Proof of Concept

- Demonstrate value for GATS subscribers members

- Demonstrate value for EIS

- Educate and engage employees in new technology

- Network with peers within and outside the energy industry

2019 — Requirements gathering and design integration into GATS system

2020 — Develop Origin Integration with GATS

2021 —
- Solicit feedback from industry peers on Origin/GATS Integration (March/April)
- Internal discussions regarding next steps

Subscriber Feedback

www.pjm-eis.com

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