



*This is a mock-up of the proposed Intermittent Renewable Generation Integration Report per SCR812. The report will have 3 sections, one each for total Intermittent Renewable Resource (IRR) data, wind data (merged from exiting Wind Integration Report) and solar data (merged from exiting PhotoVoltaic Generation Resource (PVGR) Integration Report).*

## ERCOT Grid Operations

### Intermittent Renewable Generation Integration Report: DD/MM/YYYY

#### Current Daily Values:

Installed IRR Capacity	XX,XXX MW
Peak Load	XX,XXX MW
Peak Load Hour (HE)	HH
IRR Generation at Peak Load Hour	XX,XXX MW

Max IRR Generation	XX,XXX MW
Max IRR Generation Time	HH:MM
Penetration at Max IRR Generation Time	XX.XX %

Max IRR Penetration	XX.XX %
Max IRR Penetration Time	HH:MM
IRR Generation at Max IRR Penetration Time	XX,XXX MW

#### All Time Record Values:

Record IRR Generation	XX,XXX MW
Record IRR Generation Time	DD/MM/YYYY HH:MM
Penetration at Record IRR Generation Time	XX.XX %

Record IRR Penetration	XX.XX %
Record IRR Penetration Time	DD/MM/YYYY HH:MM
IRR Generation at Record IRR Penetration	XX,XXX MW

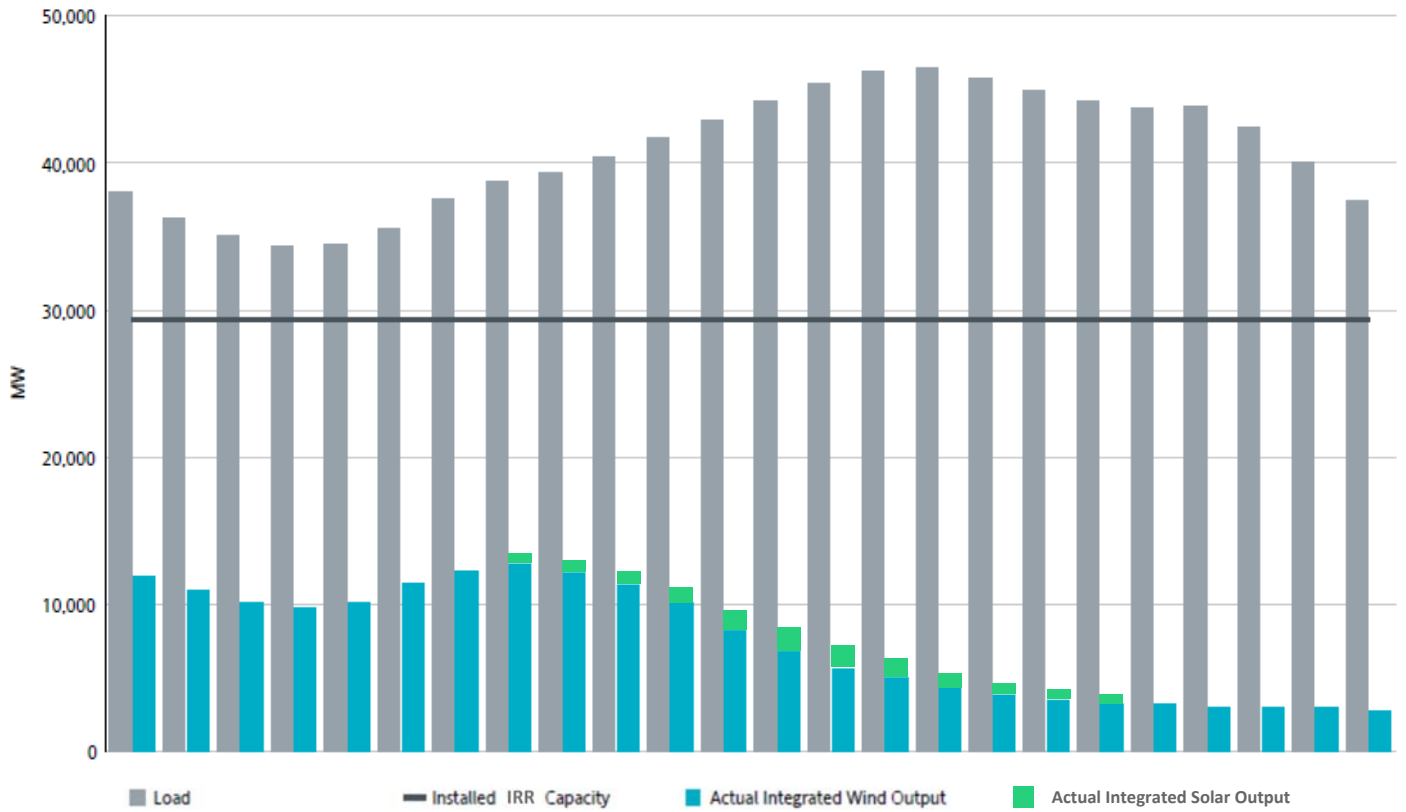
\*Sum of maximum capacity (i.e. seasonal max. reasonability limit in RARF) of all IRRs that are modeled in ERCOT's Network Operations Model and are commercially operable (estimated based on Commercial Operations Date in RARF).

\*\*Sum of maximum capacity (i.e. seasonal max reasonability limit in RARF) of all IRRs that are modeled in ERCOT's Network Operations Model.

Note that actual IRR Generation, IRR Record and IRR Capacity in following pages of this report are based on all IRR units modeled in ERCOT's Network Operations Model.

### Hourly Average Actual Load vs. Actual IRR Output

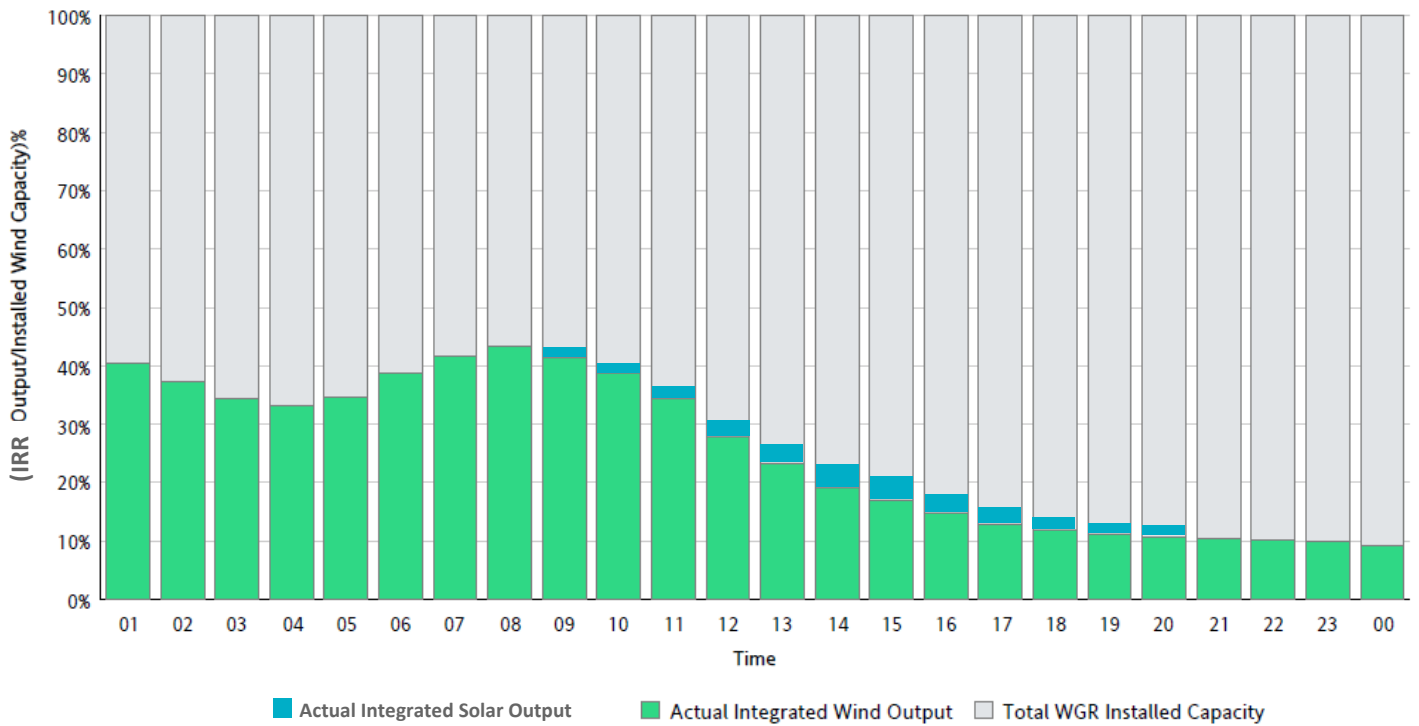
DD/MM/YYYY



*\*Load data are shown using hourly averaged values.  
 Record and maximum IRR data are shown using instantaneous values.  
 Capacity numbers are based on the expected commercial operation date of each generation resource.*

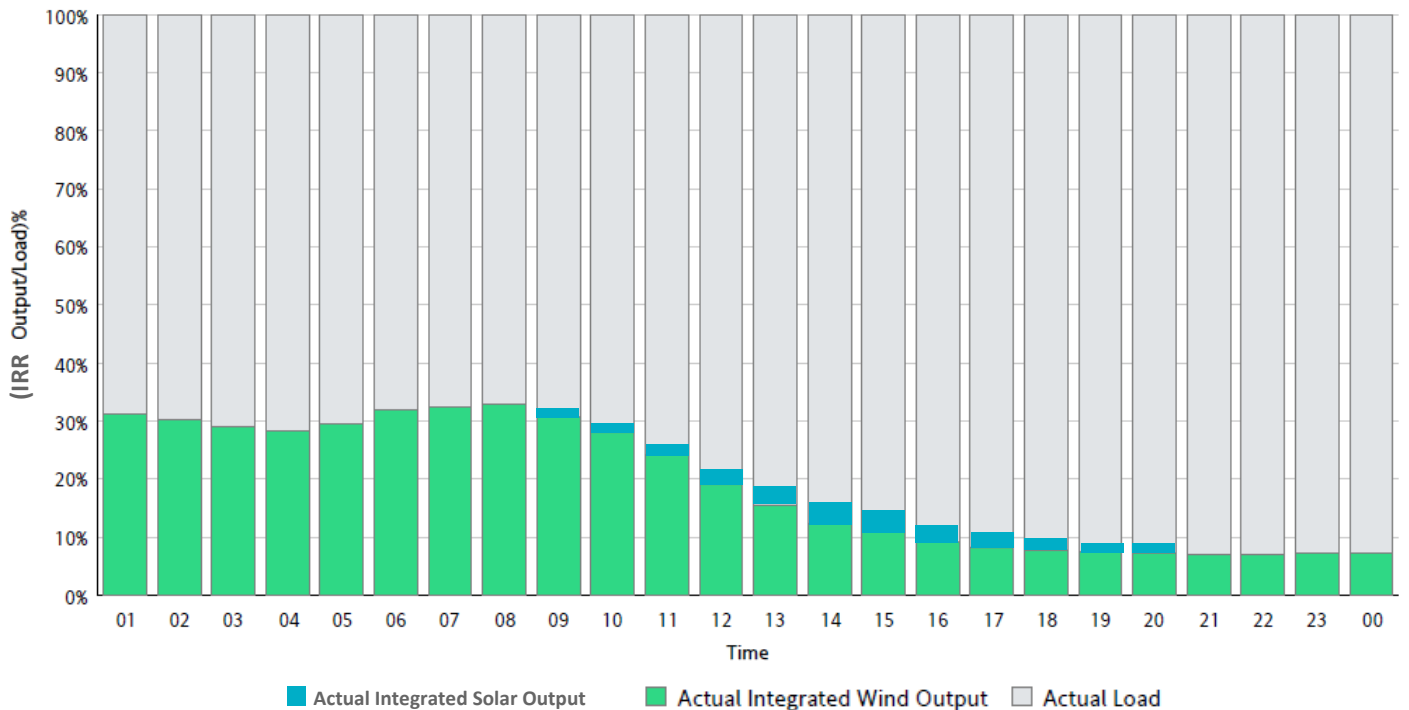
### Actual IRR Output as a Percentage of the Total Installed IRR Capacity

DD/MM/YYYY



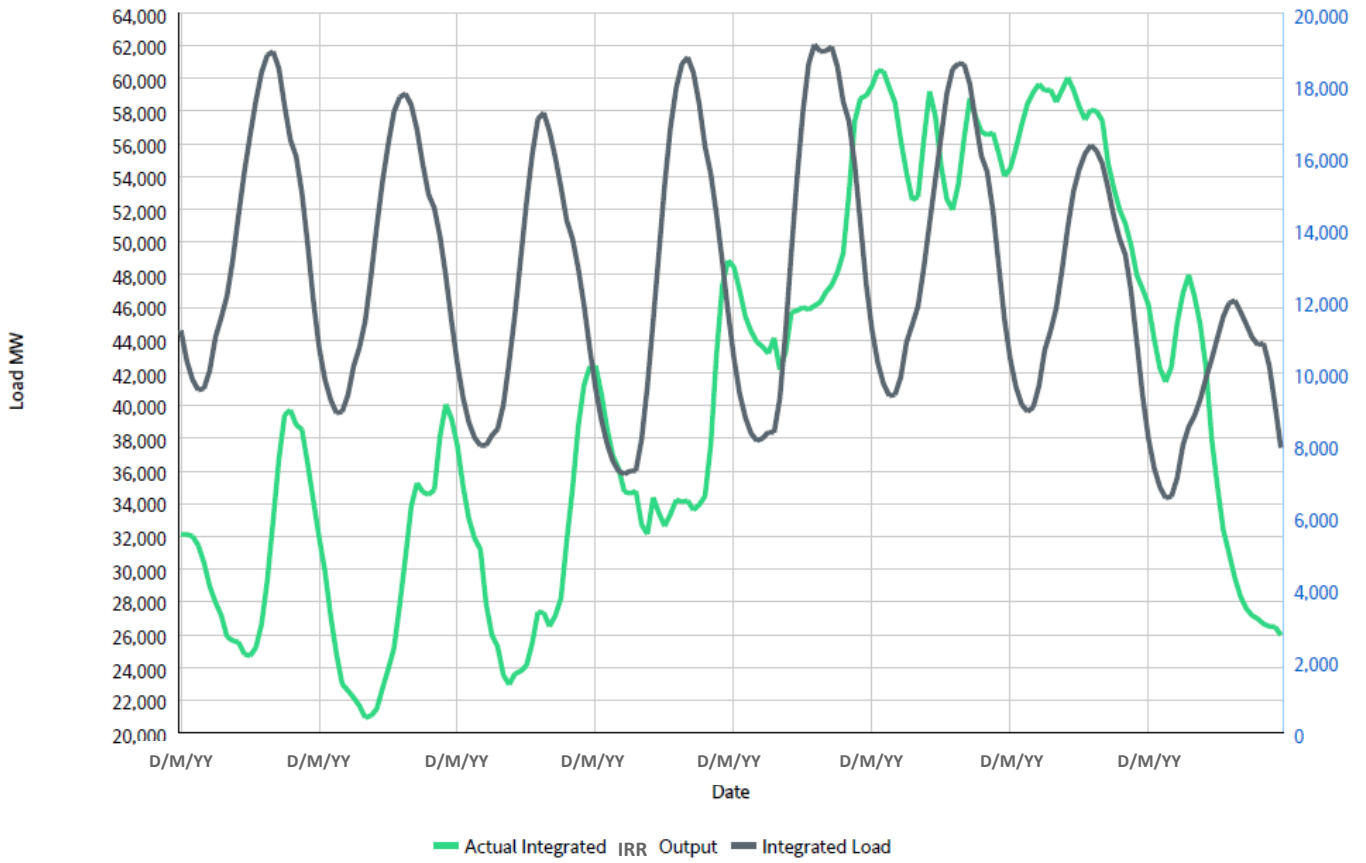
### Actual IRR Output as a Percentage of the ERCOT Load

DD/MM/YYYY



### ERCOT Load vs. Actual IRR Output

DD/MM/YYYY - DD/MM/YYYY





ERCOT Grid Operations  
Wind Integration Report : DD/MM/YYYY

Current Daily Values:

Installed Wind Capacity	XX,XXX MW
Peak Load	XX,XXX MW
Peak Load Hour (HE)	HH
Wind at Peak Load Hour	XX,XXX MW

Max Wind	XX,XXX MW
Max Wind Time	HH:MM
Penetration at Max Wind Time	XX.XX %

Max Wind Penetration	XX.XX %
Max Wind Penetration Time	HH:MM
Wind Generation at Max Wind Penetration Time	XX,XXX MW

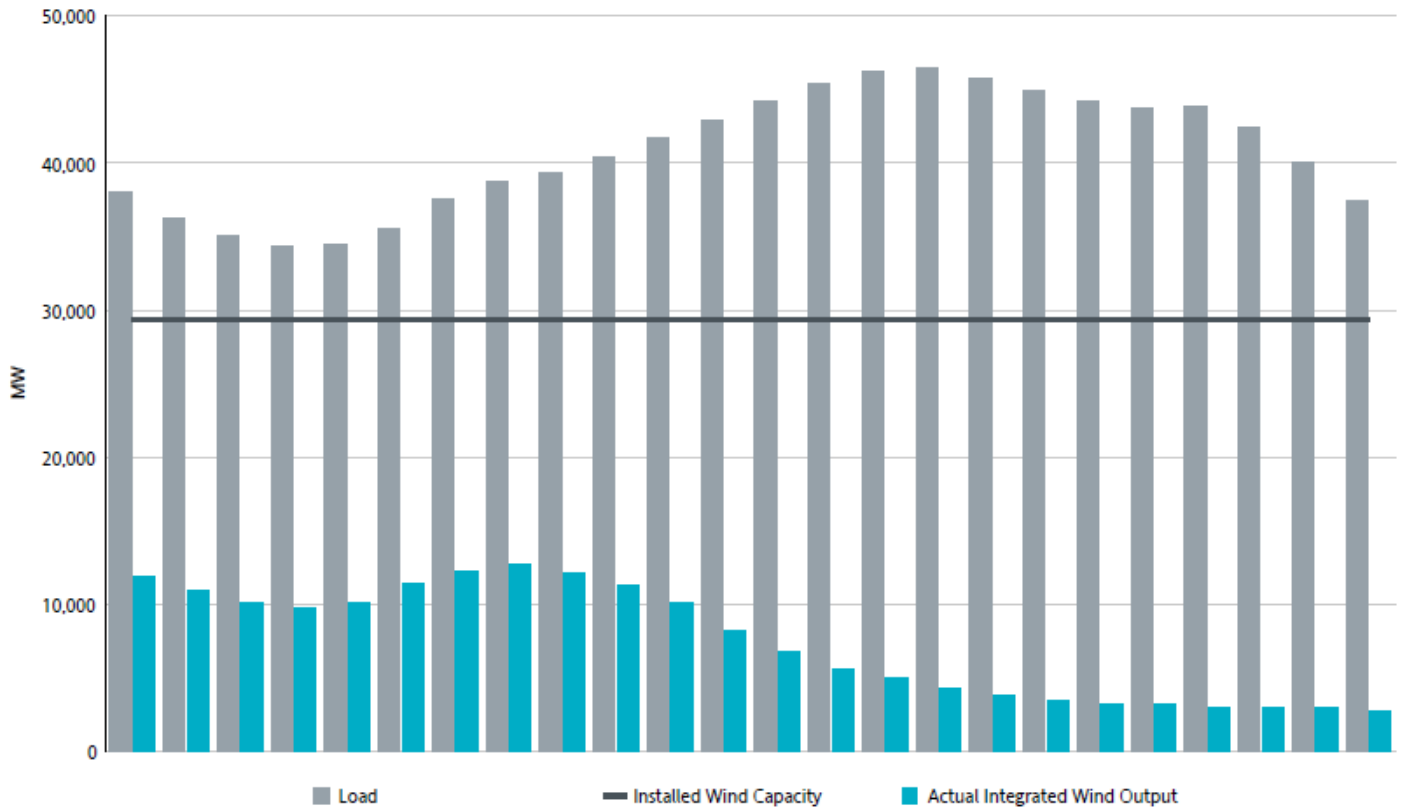
All Time Record Values:

Record Wind Generation	XX,XXX MW
Record Wind Generation Time	DD/MM/YYYY HH:MM
Penetration at Record Wind Generation Time	XX.XX %

Record Wind Penetration	XX.XX %
Record Wind Penetration Time	DD/MM/YYYY HH:MM
Wind Generation at Record Wind Penetration	XX,XXX MW

### Hourly Average Actual Load vs. Actual Wind Output

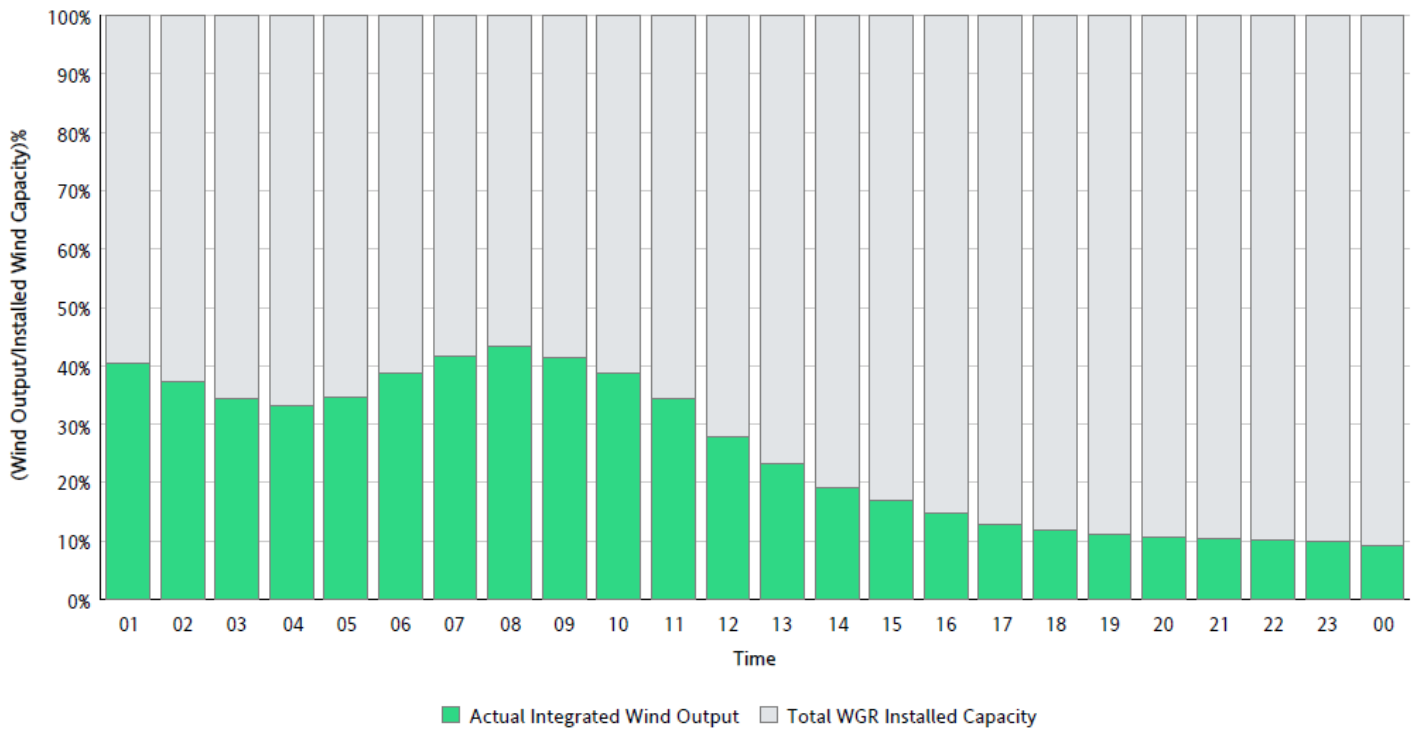
DD/MM/YYYY



*\*Load data are shown using hourly averaged values.  
 Record and maximum IRR data are shown using instantaneous values.  
 Capacity numbers are based on the expected commercial operation date of each generation resource.*

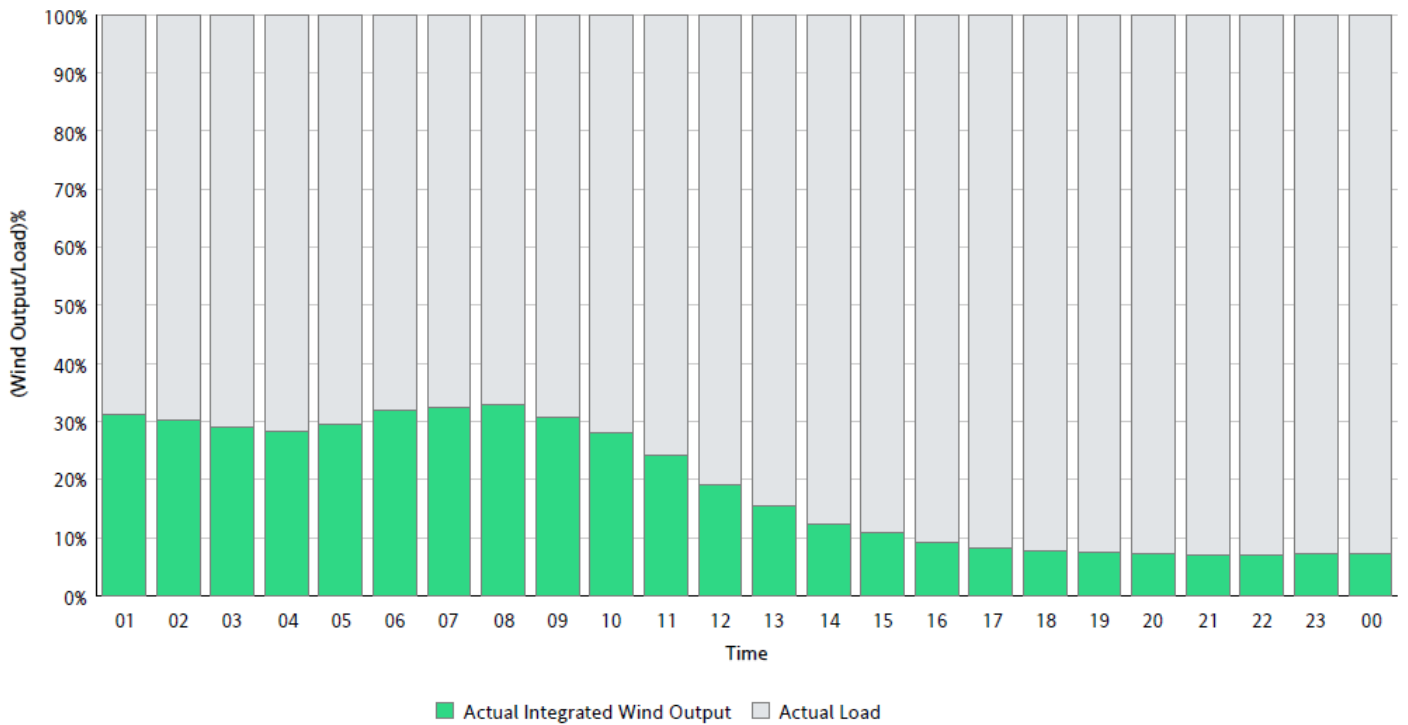
### Actual Wind Output as a Percentage of the Total Installed Wind Capacity

DD/MM/YYYY



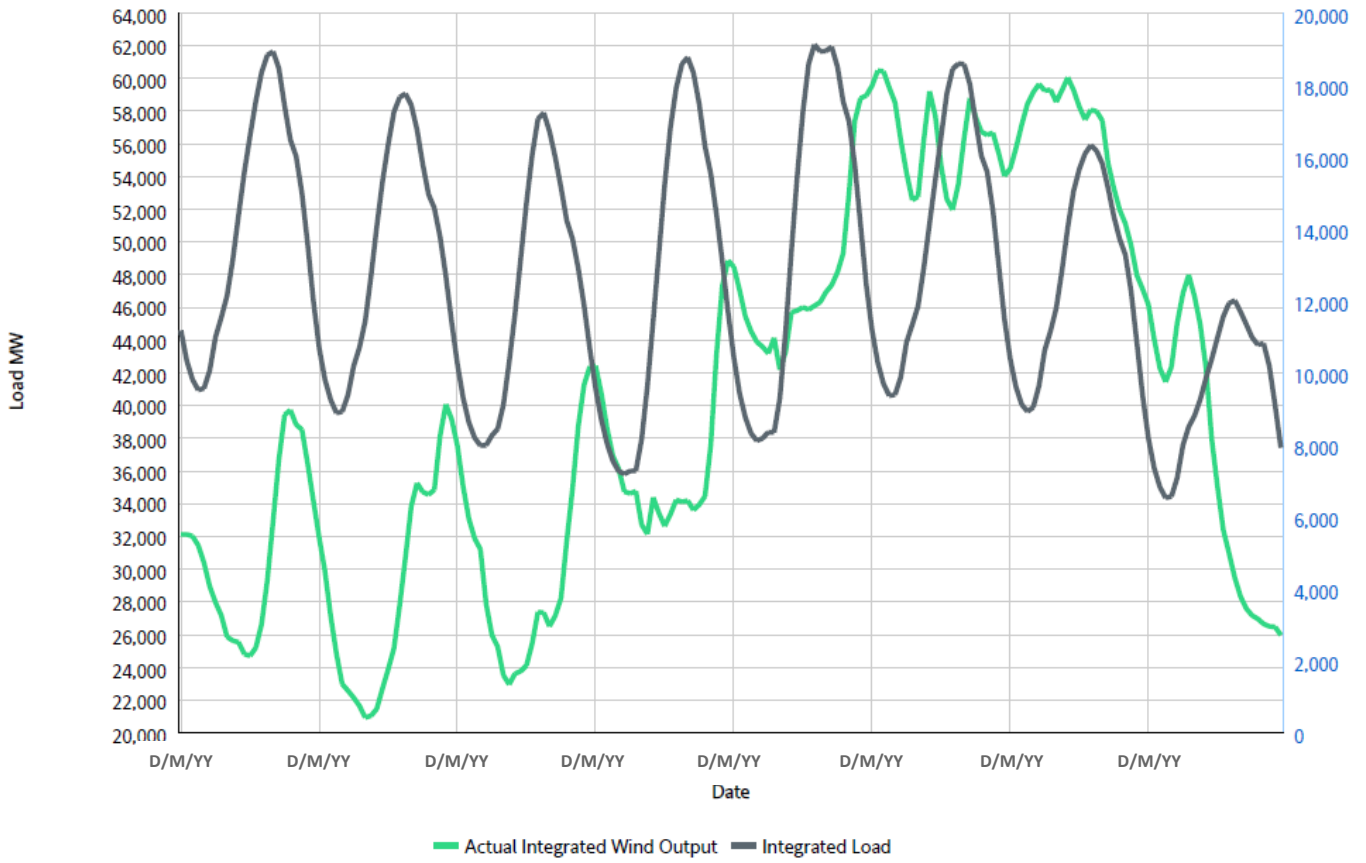
### Actual Wind Output as a Percentage of the ERCOT Load

DD/MM/YYYY



### ERCOT Load vs. Actual Wind Output

DD/MM/YYYY - DD/MM/YYYY







## ERCOT Grid Operations

### PVGR Integration Report : DD/MM/YYYY

#### Current Daily Values:

Installed PVGR Capacity*	XX,XXX MW
Total PVGR Capacity**	XX,XXX MW
Peak Load	XX,XXX MW
Peak Load Hour (HE)	HH
PVGR at Peak Load Hour	XX,XXX MW

Max PVGR	XX,XXX MW
Max PVGR Time	HH:MM
Penetration at Max PVGR Time	XX.XX%

Max PVGR Penetration	XX.XX%
Max PVGR Penetration Time	HH:MM
PVGR Generation at Max PVGR Penetration Time	XX,XXX MW

#### All Time Record Values:

Record PVGR Generation	XX,XXX MW
Record PVGR Generation Time	DD/MM/YYYY HH:MM
Penetration at Record PVGR Generation Time	XX.XX%

Record PVGR Penetration	XX.XX%
Record PVGR Penetration Time	DD/MM/YYYY HH:MM
PVGR Generation at Record PVGR Penetration	XX,XXX MW

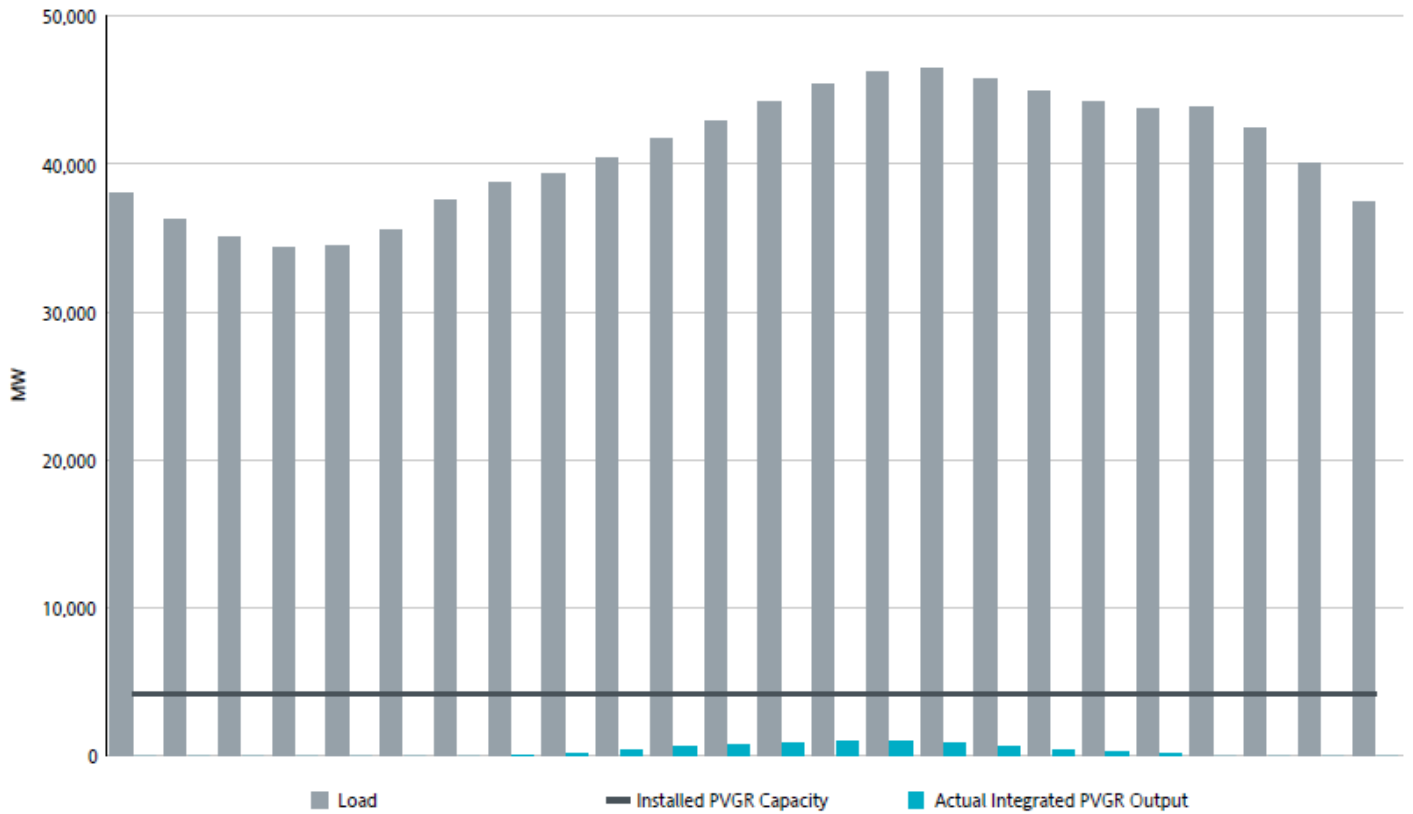
\*Sum of maximum capacity (i.e. seasonal max. reasonability limit in RARF) of all PVGRs that are modeled in ERCOT's Network Operations Model and are commercially operable (estimated based on Commercial Operations Date in RARF).

\*\*Sum of maximum capacity (i.e. seasonal max reasonability limit in RARF) of all PVGRs that are modeled in ERCOT's Network Operations Model.

Note that actual PVGR Generation, PVGR Record and PVGR Capacity in following pages of this report are based on all PVGRs units modeled in ERCOT's Network Operations Model.

### Hourly Average Actual Load vs. Actual PVGR Output

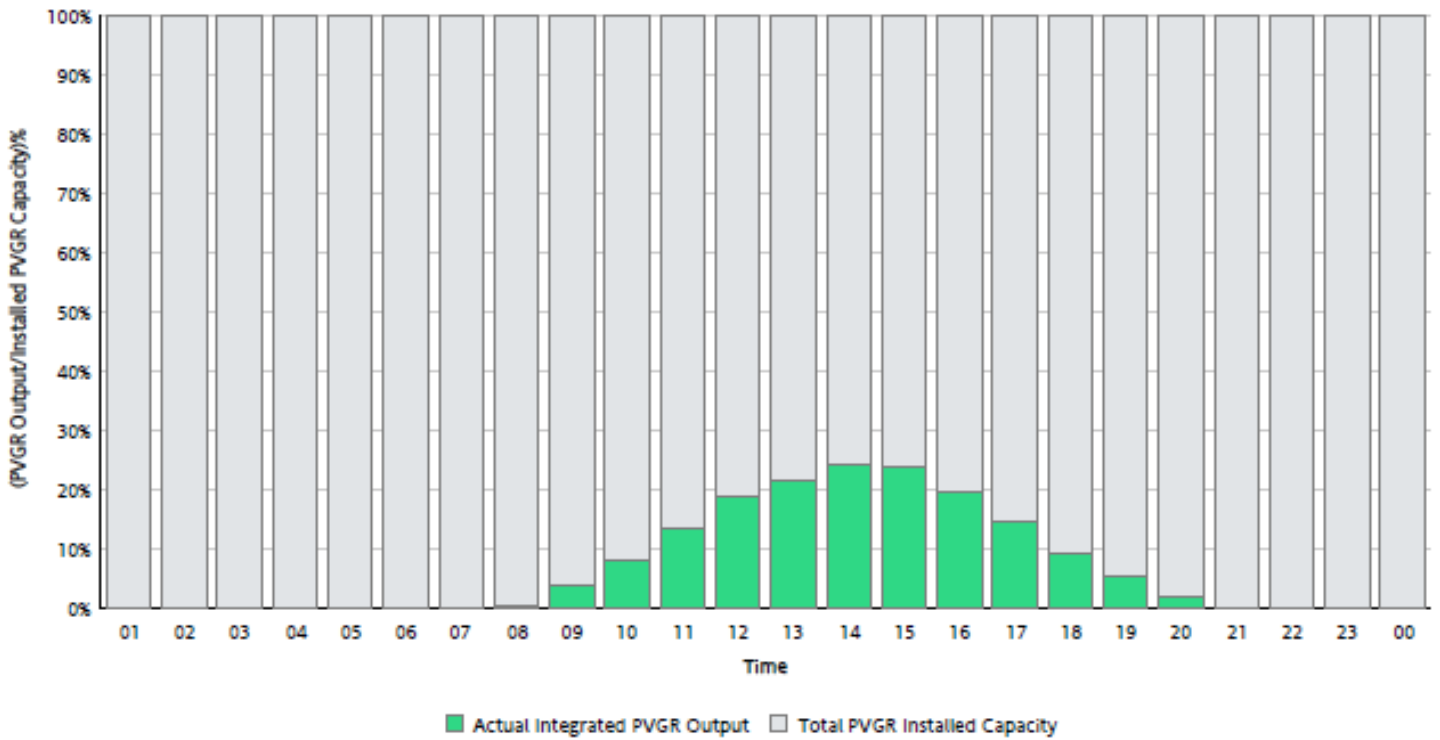
DD/MM/YYYY



*\* PVGR Record and PVGR Max represent instantaneous values and the rest of the values are integrated over the hour. Capacity numbers used in the graphs are based on the expected commercial operation date of each PVGR Generation Resource.*

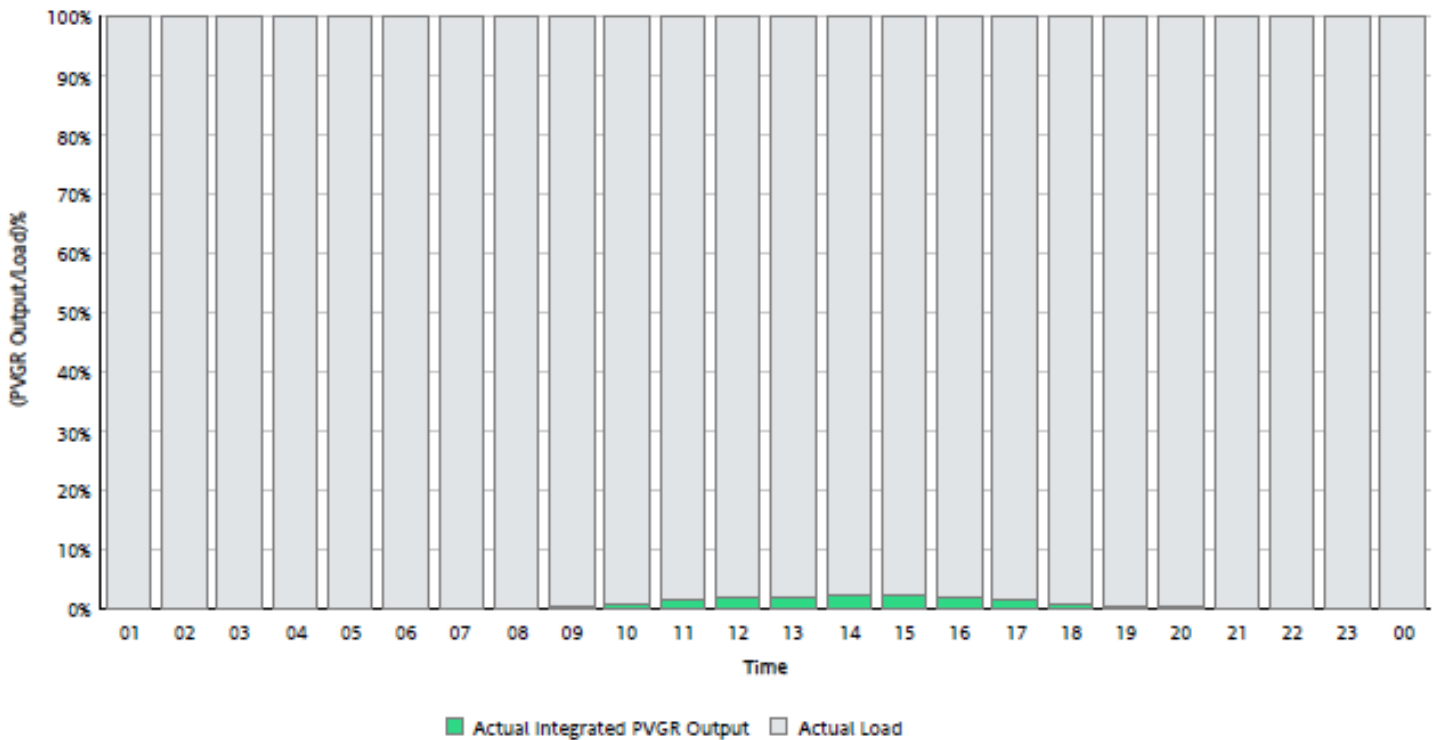
### Actual PVGR Output as a Percentage of the Total Installed PVGR Capacity

DD/MM/YYYY



### Actual PVGR Output as a Percentage of the ERCOT Load

DD/MM/YYYY



### ERCOT Load vs. Actual PVGR Output

DD/MM/YYYY - DD/MM/YYYY

