



# Unlocking South America's Grid Potential: A Look at FACTS Deployments from 2017-2021

The infographic summarizes the major deployments in the South American FACTS market from 2017 to 2021. It also discusses the important application verticals where the FACTS have been deployed.

## Key Driving Factors

The Brazilian National Energy Plan 2050 requires electric utilities to deploy FACTS technology to cater to the increasing electric load and expansion of mining industry to keep grid reliability intact.

Power grid reinforcements to keep voltage and reactive power stable are the main drivers of the FACTS deployments in Peru and Uruguay.

In Argentina, to keep the critical grid parameters under allowable limits is one of the key drivers fostering the FACTS (SVC) deployments.



**Brazil**  
4,605 MVar Installed  
3 x STATCOM  
6 x SVC



**Peru**  
1,050 MVar Installed  
2 x SVC



**Chile**  
500 MVar Installed  
1 x STATCOM



**Paraguay**  
460 MVar Installed  
1 x STATCOM

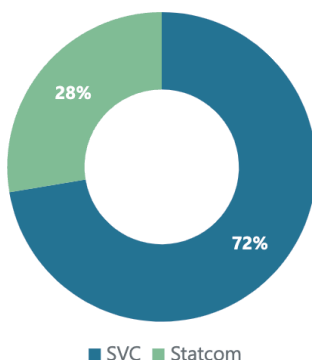


**Ecuador**  
174 MVar Installed  
1 x STATCOM  
1 x SVC



**Uruguay**  
140 MVar Installed  
1 x SVC

TECHNOLOGY SPLIT (2017 - 2021)



## 6,929 MVar

From 2017 to 2021, around 6,929 MVar SVCs & STATCOMs were commissioned in South America.

## Technology Preference

In terms of the technology split, SVC holds the major share of deployments to support the grid operations as compared to STATCOM.

In recent years, STATCOMs have also been deployed to meet grid code requirements and their share is expected to increase in the future.