

## Service Failure



# 10

MAY  
8:30 UTC

**Americas Tactical: Heatwaves, drought prompt operational emergency in power supply regionwide, as of May 10; allot for disruptions**

## Current Situation

- Inclement weather conditions, including heatwaves and lack in rainfall, have resulted in deteriorated levels at national reservoirs regionwide, destabilizing electrical power generation across multiple countries in the Americas, as of May 10. Authorities across the region have additionally cited deficits in energy supply, with increased temperatures influencing an increase in average power consumption.
- In **Belize**, power cuts between 21:30-00:00 (local time) have been ongoing nationwide since May 6, amid temporary generation shortages and curtailment in energy imports from Comision Federal de Electricidad (CFE), Mexico's state-owned electric company, resulting in insufficient energy supply. Updates regarding power cuts in Belize can be found [here](#).

- In **Costa Rica**, the Instituto Costarricense de Electricidad (ICE) has stated that the severe lack in rainfall that has enabled drought conditions has resulted in critical shortages at main reservoirs. This has impacted power generation at several hydroelectric generation plants nationwide, which reportedly provide 70 percent of the national demand.
  - Given this, rationing of electricity supply is slated nationwide, including in San Jose, with power cuts lasting approximately 1-3 hours between 05:00-22:00 on May 13-17. Critical infrastructure, including hospitals, will not be subject to rationing.
- 
- In **Ecuador**, power cuts remain suspended until May 19 following an improvement in national energy deficits. Despite this, temporary power cuts lasting three hours are slated for May 10 in neighborhoods across the cities of Duran, Cascales, Esmeraldas, and Quininde.
- 
- In **El Salvador**, on May 9, Director General de Energia, Hidrocarburos y Minas Daniel Alvarez announced the government's decision to limit energy exports to the region to ensure optimal levels to maintain the country's water reservoirs and avoid critical shortages amid the dry season. Per data from the Ente Operador Regional (EOR), El Salvador supplied 14,791 MWh between May 1-8, while having supplied 83,756 MWh on average per month between January 1-March 31, through the Sistema de Interconexion Electrica para Paises de America Central (SIEPAC) electrical grids interconnection system.
- 
- In **Guatemala**, Empresa Electrica de Guatemala (EEGSA) has announced power cuts slated to impact services nationwide at varying timings between May 11-14. On May 11, power cuts are slated in Guatemala City across several neighborhoods, between 08:00-19:00. Details regarding power cuts can be found [here](#) (in Spanish).
- 
- In **Honduras**, the Centro Nacional de Despacho (CND) on May 9 declared a state of emergency for 48-hours due to the impact of the ongoing heatwave and prolonged drought conditions impacting electrical power generation. Officials cited the overheating and overloading of nodes on the national power grid, including transformers, as well as the impact on photovoltaic generation through solar energy due to the current presence of dense smoke and air pollution nationwide.
  - Given this, the Empresa Nacional de Energia Electrica (ENEE) has announced power cuts slated for May 10, between 08:30-17:00, affecting electricity supply in neighborhoods across the cities of Colon, San Pedro Sula, and Tegucigalpa. Official information regarding power cuts can be

found [here](#) (in Spanish).

- In **Mexico**, the Centro Nacional de Control de Energia (CENACE) on May 9 announced a persisting state of operational emergency amid deficits in power supply in the national power grid, in effect since May 7. President Andres Manuel Lopez Obrador on May 8 cited an exponential increase in the demand for electricity due to high temperatures, causing an imbalance in power supply and demand in the national power grid.
  - Sporadic power cuts have been witnessed in cities across the states of Aguascalientes, Campeche, Chiapas, Chihuahua, Hidalgo, Guanajuato, Jalisco, Mexico City, Nuevo Leon, Oaxaca, Puebla, Queretaro, Quintana Roo, State of Mexico (Edomex), Tamaulipas, Veracruz, Yucatan, and Zacatecas.
  - Official information regarding power supply can be found [here](#) (in Spanish).
- 
- In **Nicaragua**, Distribuidora Electrica del Norte and Distribuidora Electrica del Sur ( DISNORTE-DISSUR), have announced power cuts slated to take place at varying timings between 08:00-16:00 on May 10, in areas including Managua. Details regarding affected areas and timings can be found [here](#) (in Spanish).
- 
- In the **USA**, at least 69,689 users in Mississippi and 71,057 users in Alabama have reported power outages as of writing, following severe storms that passed through the region during overnight hours on May 9-10. Strong winds have resulted in downed trees and power lines in affected areas.

## Recommendations

Those operating or residing in the aforementioned areas in the Americas on May 10 and over the coming days are advised to allot for disruptions to power supply due to deficits in energy generation caused by inclement weather conditions, including heatwaves and droughts.