



Subdirección de Operación

Gerencia de Control Regional Baja California
Subgerencia de Planeación y Estrategia Operativa

Oficio No. CENACE/DOPS-SO-GCRBC-SPEO/006/2026

Mexicali, Baja California, Mexico
February 27, 2025.

Subject: Centro Nacional de Control de Energia
2026 Annual Progress Report

Mr. Doug Tucker

WECC Senior Staff Engineer
155 North 400 West, Suite 200
Salt Lake City, Utah 84103-1114

Mrs. Eepsita Priye
Chair, WECC Studies Subcommittee

Dear Mr. Tucker and Mrs. Priye,

In fulfilment of the WECC Progress Report Policies and Procedures, Centro Nacional de Control de Energia (CENACE) is pleased to share with you the 2026 Annual Progress Report:

1. All Generation projects (200 MW or greater).

- a. "PV Solar Plant Puerto Peñasco Sequence III" with a capacity of 300 MW and "PV Solar Plant Puerto Peñasco Sequence IV" with a capacity of 280 MW, both constructed in the Sonora Region, radially interconnected to Cucapah Station in the Baja California Region, projected for June 2028 and June 2029, respectively. This will increase renewable generation in Mexicali Zone.
- b. Battery energy storage systems in PV Solar Plant Puerto Peñasco Sequence III and IV with a capacity of 90 MW and 84 MW respectively, both constructed in the Sonora Region, radially interconnected to Cucapah Station in the Baja California Region, projected for June 2028 and June 2029.
- c. "Combined Cycle Gonzalez Ortega" with a capacity of 768.80 MW, connected in Mexicali Zone, projected for April 2026. This will give voltage support and increase generation capacity in Valley Region.
- d. "Combined Cycle San Luis Rio Colorado" with a capacity of 769.70 MW, connected in San Luis Zone, projected for August 2026. This will give voltage support in the San Luis Zone and increase generation capacity in CENACE system.





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2. New and upgraded transmission facilities with voltage levels over 200 kV.

- a. "PV Solar Plant Puerto Peñasco Sequence III Interconnection Project", projected for June 2028. Consisting of a new 400/230 kV transformer with capacity of 375 MVA at Cucapah Substation, a new STATCOM with capacity of +350/-350 MVar at Golfo de Santa Clara Substation, a new 50 MVar line reactor at Puerto Peñasco Substation, a new transmission line from Puerto Peñasco to Golfo de Santa Clara at 400 kV, a new transmission line from Golfo de Santa Clara to Cucapah at 400 kV and two new transmission lines from La Rosita to Cucapah at 230 kV. Note: the existing transmission lines between La Herradura and La Rosita will be interconnected with the newly constructed transmission lines between La Rosita and Cucapah, thereby forming a continuous transmission corridor from La Herradura to Cucapah.
- b. "PV Solar Plant Puerto Peñasco Sequence IV Interconnection Project", projected for June 2029. Consisting of a new 400/230 kV transformer with capacity of 375 MVA at Cucapah Substation.
- c. "Combined Cycle Gonzalez Ortega Interconnection Project" from May 2024 to April 2026. Consisting of Libramiento Maniobras 161 kV Substation, Libramiento Maniobras 230 kV Substation, two new 230 kV transmission lines between La Rosita to La Herradura, two new 230 kV transmission lines between La Herradura to Tijuana and looping of existing transmission line from Mexicali Oriente to Cerro Prieto IV at 161 kV into existing Gonzalez Ortega Substation at 161 kV. Libramiento Maniobras 161 kV Substation was connected looping transmission line Mexicali II to Gonzalez Ortega into Libramiento Maniobras, relocating transmission lines Ruiz Cortines to Gonzalez Ortega to Ruiz Cortines to Libramiento Maniobras and Central de Combustión Interna Mexicali Oriente to Gonzalez Ortega and Central de Combustión Interna Mexicali Oriente to Libramiento Maniobras. Libramiento Maniobras 230 kV Substation was connected between 230 kV transmission lines Aeropuerto Dos to Cerro Prieto Tres and Sanchez Taboada to Valle de Puebla.
- d. "Combined Cycle San Luis Río Colorado Interconnection Project", from February 2025 to August 2026. Consisting of Central Ciclo Combinado San Luis Río Colorado 230 kV Substation, new 230/161 kV transformer with capacity of 225 MVA at Ruiz Cortines Substation, relocation of transformer PID AT50 (formerly PID T20 230/161 kV 225 MVA) to Ruiz Cortines Substation, new 230/13.8 kV transformer with capacity of 40 MVA at Parque Industrial Substation, new transmission line Sanchez Taboada to Cerro Prieto II at 230 kV, relocating the existing transmission line Ruiz Cortines to Cerro Prieto I at 161 kV to Ruiz Cortines to Cerro Prieto III at 230 kV, transmission line Ruiz Cortines to Parque Industrial at 161 kV change to 230 kV and transmission line Parque Industrial to Hidalgo at 161 kV change to Parque Industrial to Ruiz Cortines at 230 kV and Ruiz Cortines to Hidalgo at 161 kV. Central Ciclo Combinado San Luis Río Colorado 230 kV Substation was connected looping transmission lines San Luis Rey to Parque Industrial into Central Ciclo Combinado San Luis Río Colorado and Combustion Interna Altar to Parque Industrial into Central Ciclo Combinado San Luis Río Colorado.
- e. New 230/115/69 kV transformer "Panamericana Potencia Bank 3" with capacity of 225 MVA at existing Panamericana Potencia Substation, projected for March 2026. This will increase serving capacity from 230 kV to the 69 kV network at the Tijuana Zone.



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- f. New "Libramiento 230 kV Substation" at San Luis Rio Colorado Zone, projected for April 2027. This will be connected as a switchyard between existing transmission line from San Luis Rey to Parque Industrial at 230 kV voltage level.
- g. New 230/115 kV transformer "Lomas Bank 3" with capacity of 100 MVA at existing Lomas Station, projected for May 2027.
- h. New "Victoria 230 kV Substation" radially connected from the actual Chapultepec 230 kV Substation, at San Luis Rio Colorado Zone, projected for June 2027. This will increase distribution serving load services.
- i. "Arrajal Project", projected for February 2028. Consisting of a new Arrajal Substation with a 230/115 kV transformer with capacity of 225 MVA at the Ensenada Zone, with new 230 kV transmission line from Ensenada to Mexicali Zone. This will increase voltage support at the Ensenada Zone, as well as transmission capacity.
- j. Replacement of TJI AT10 transformer for 230/115/69 kV "Tijuana Bank 5" with capacity of 225 MVA at existing Tijuana I Station, projected for March 2028. This will increase serving capacity from 230 kV to the 69 kV network at the Tijuana Zone.
- k. New 230/115/69 kV transformer "Metropoli Potencia Bank 5" with capacity of 225 MVA at existing Metropoli Potencia Station, projected for April 2028. This will increase serving capacity from 230 kV to the 69 kV network at the Tijuana Zone.
- l. Replacement of PAP AT10 transformer for 230/115/69 kV transformer "Panamericana Potencia Bank 4" with capacity of 225 MVA at existing Panamericana Potencia Substation, projected for April 2028. This will increase serving capacity from 230 kV to the 69 kV network at the Tijuana Zone.
- m. New 230/115/69 kV transformer "Rubi Bank 2" with capacity of 225 MVA at existing Rubi Substation, projected for April 2030. This will increase serving capacity from 230 kV to the 69 kV network at the Tijuana Zone.
- n. Looping of existing Cerro Prieto Dos to San Luis Rey transmission line at 230 kV level into Chapultepec 230 kV Substation, projected for December 2029. This will give voltage support to the San Luis Rio Colorado Zone.
- o. New 115/69 kV transformer "Lomas Bank 4" with capacity of 40 MVA at existing Lomas Station, projected for December 2030.

3. Any facilities that may have a significant impact on the reliability of the Western Interconnection.

- a. New "Encantada 69 kV Substation" at Tijuana Zone, projected for April 2026. This will be connected as a switchyard between existing transmission line from Metropoli Potencia to Tijuana I at 69 kV voltage level.
- b. Looping of existing transmission line from Industrial to Universidad at 69 kV level into existing Frontera Substation at 69 kV, projected for February 2027. This will increase voltage support and serving load capacity in Tijuana Zone.
- c. Looping of existing transmission line from Cardenas to Guerrero at 69 kV into existing Rubi 69 kV Substation, projected for March 2027. This will increase load serving capacity in Tijuana Zone.

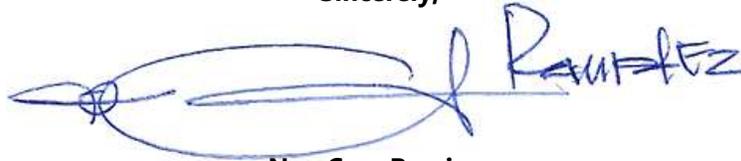


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- d. New STATCOM +30/-30 MVARs at existing San Quintin 115 kV Substation to increase reactive power support in Ensenada Zone, projected for July 2027.
- e. New "Paredones Potencia 161 kV Substation" at San Luis Rio Colorado Zone, projected for April 2028. This will be connected as a switchyard between existing transmission line from Libramiento Maniobras to Ruiz Cortines at 161 kV voltage level.
- f. New "Valle Potencia 230 kV Substation" at San Luis Rio Colorado Zone, projected for April 2028. This will be connected as a switchyard between existing transmission line from Ruiz Cortines to Parque Industrial at 230 kV voltage level.
- g. New "Alamar 69 kV Substation" at Tijuana Zone, projected for April 2028. This will be connected as a switchyard between existing transmission line from Tijuana I to Frontera at 69 kV voltage level.
- h. New "Valle Dorado 115 kV Substation" at Ensenada Zone, projected for April 2028. This will be connected as a switchyard between existing transmission line from Cipres to Cementos California at 115 kV voltage level.
- i. New "Toreo 69 kV Substation" at Tijuana Zone, projected for April 2031. This will be connected as a switchyard between existing transmission line from Guerrero to Rio at 69 kV voltage level.

Should you have any questions or comments, please don't hesitate to ask.

Sincerely,



Noe Cruz Ramirez

Transmission Planning and Operations Assisting Manager
CENTRO NACIONAL DE CONTROL DE ENERGIA (CENACE)