

## ARGENTINA'S PATH TO CLEAN ENERGY

*In spite of the financial restrictions imposed by the IMF on Argentina, the country through provincial programs continues to develop at high speed various alternative energy projects. This is the case of provinces like Buenos Aires or Santa Fe, two of the most dense populated estates of Argentina and also the source of the largest agricultural production as well as the most industrialized regions, particularly Buenos Aires.*

### WIND ENERGY GENERATION

Three projects will put the Province of Buenos Aires at the forefront in generating wind energy within the region. These are San Jorge and El Mataco, from Petroquímica Comodoro Rivadavia (PCR), and AES Argentina Generación Energética I, from AES.

PCR has already started working on the movement of soils and the installation of a cement plant. The workshop is in a field of 300 hectares that were bought about 25 kilometers from Tornquist, at the height of Tres Picos. In the case of AES, it is opening the internal streets of the property where it will make its park, in the vicinity of García del Río.

PCR will crystallize its project through the firm Luz de Tres Picos SA, of its property. It will consist of the development of two complexes -El Mataco and San Jorge-, which will be located on both sides of route 33 and will have a nominal power of 100Mw each.

In total, 51 towers of the model V136 of the Vestas brand will be erected, with an individual nominal power of 4.2mw and a height of almost 200 meters (130 corresponding to the tower and 68 to the blades). In a complementary way, Luz de Tres Picos will execute a new transformer substation. The installation of the wind turbines are projected between the end of 2019 and the beginning of 2020.

In the case of AES, its park will be called Energética I and will have a nominal power of 79.8Mw. It will consist of 25 towers with blades 45 meters long, and an individual power of 3.2Mw.

The wind turbines and shovels will come from Belgium and the Netherlands.

The three projects were tendered in round 2.0 of the RenovAr national program, which promotes the use of renewable energies.

### GENERFE RENEWABLE ENERGY DISTRIBUTION CORRIDORS

The Secretary of State for Energy, and the president of the Provincial Energy Company (EPE), presented the Generfe program and the public consultation of the bidding documents for the incorporation of the first 50MW in solar energy projects and wind power, to improve stress levels in the corridors between Tostado and Rafaela, and between Casilda and Rufino. The first instance of the initiative, in which the province of Santa Fe is a pioneer, consists of the presentation of the pre-project, which will be put to public consultation so that the final list is a collaborative construction between the public and private sectors.

In the first stage, the Generfe program will promote the generation of electricity from renewable sources in the North and South corridors. Both corridors are made up of 132 KV transmission lines. The North corridor has an extension of 284.14 kilometers that extend from the towns of Tostado to Rafaela.

Meanwhile, the South Corridor line has a length of 209.2 kilometers from Casilda to Rufino. In this way, considering the populations of both corridors, Generfe will benefit more than 320,000 inhabitants.

The total power to be awarded in both corridors amounts to 50 MW in photovoltaic and wind projects. Through these projects, an estimated annual generation of more than 96,000 MWh will be obtained, equivalent to the annual electricity consumption of more than 30,000 households.

Improve energy development

This is a tender program for renewable energies of small photo voltaic parks of up to 5 megawatts and wind power of up to 10 megawatts in corridors that are 33 kW lines of the Provincial Energy Company. That is, the company will tender with a 20-year contract and from there the park is built in the area indicated by EPE and begins to inject energy in areas where the quality of the service needs to be improved.

The final versions of the tender documents will be presented in the month of January 2019. From the website [www.santafe.gob.ar/ms/generfe/](http://www.santafe.gob.ar/ms/generfe/) you can download the bidding documents, make the contributions, consult the schedule of the tender and obtain information about the renewable potential of Santa Fe.

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The members of ALFARO-ABOGADOS organization have advised and represented multinational corporations in international private transactions as well as in the negotiation of major public projects with Government Agencies. They have also presented papers and given lectures before numerous trade and professional associations in the United States, Europe and South America. Our members are fluent in the languages spoken at the main investors' countries and most of them have worked and studied in different jurisdictions, achieving the technical and business expertise necessary to understand the industry and the economics of the transaction involved.