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Media Relations

T +56 2 26752746
comunicacion.enelchile@enel.com

ENEL X, METBUS, AND BYD PRESENT FIRST FLEET OF 100 ELECTRIC BUSES THAT WILL JOIN SANTIAGO'S PUBLIC TRANSPORTATION SYSTEM

- *Chile becomes the second country in the world and the first in Latin America, to have the largest number of zero emission electric buses.*

Santiago, December 13, 2018 - Today, Enel X, Metbus, and BYD Chile, displayed the first 100 electric buses imported to Chile in Parque O'Higgins, the second largest fleet after China and the first in Latin America, which will start circulating on the streets of Santiago next Saturday, formally joining the City's public transport system.

The Chinese BYD Electric buses, which will be incorporated into Santiago's public transport system, were purchased by Enel X and delivered to Metbus, in an operational leasing modality. They will all be integrated into the 507, 516, and 519 routes that will run through Maipú, Pudahuel, Lo Prado, Estación Central, Santiago, Ñuñoa, and Peñalolén.

"Today we celebrate important progress in electric mobility resulting from the joint work between private business and government. Thanks to this partnership, it was possible to develop this project and the arrival of the first 100 electric buses positions Chile as a benchmark in electric mobility in Latin America. Through our company Enel X we provided all of our international experience in integral solutions of electric mobility and charging systems reinforcing our commitment to the development of this technology that will allow environmentally-friendly efficient public transport, with zero emissions," explained **Paolo Pallotti**, Enel Chile's CEO.

"The arrival of these 100 electric buses turns Metbus into the pioneer of electric mobility in Santiago's public transport system, which makes us very proud, because we were able to incorporate this new technology into the country and open the doors of the market so that many other bus companies will get excited about importing electric buses and hopefully several bus factories will come to Chile to compete with these new products," commented Juan Pinto, Metbus president.

"BYD is proud to have collaborated in the beginning of the electric mobility revolution; this moment is historic for transport in Chile and it positions us as a leading country in the region, contributing to building more sustainable and people-friendly cities, with zero emissions and no noise. We have started this change and we have done it with the best partners: Metbus and Enel X," said Tamara Berríos, BYD Chile's country manager.

Enel X has become the main promoter of electric mobility in Chile, based on 100% clean energy and lower prices compared to other fuels, which is also a real solution to help decontaminate Chile's cities.

In order to expand the country's electric mobility, the company provided a packaged model to the Transantiago operator that included engineering projects, construction, and delivery of the recharging points, plus the energy supplied for all the electric buses that are incorporated into the public transport system. To do this, two electric terminals were built, one in Peñalolén and the other in Maipú, with 63 and 67 respective electric charging lines.



Electric buses

The BYD brand electric buses are 12 meters long and have a capacity for 81 passengers.

These vehicles have no impact in terms of pollutant emissions and also constitute a cheaper alternative in terms of operation. Their operation costs 70% less compared to conventional diesel buses. The cost per kilometer is 70 pesos for electric buses, while the cost of a traditional bus is 300 pesos per kilometer.

Another relevant advantage for users is the low noise level, both inside the bus and outside on the street, being friendly for transport in highly populated areas.

Electric charging terminals

The electric buses will be concentrated in 2 electric charging terminals located in Peñalolén and Maipú. Both have high standard, modern, and sustainable infrastructure, which will allow charging all electric buses, while managing charging schedules and power.

For the construction of the electric terminals, electrical works were performed that included feed lines in high, medium, and low voltage, plus a transformation center. All this is necessary to provide reliable power and thus be able to supply the 100 new chargers for the new buses.

The technology of these electric terminals includes intelligent charge management controls, unique in the world, which will have the ability to effectively manage in real time the power supply of the buses, optimizing their energy consumption.