

PETROBRAS ENERGIA PARTICIPACIONES SA  
Form 6-K  
September 14, 2006

**FORM 6-K**

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

**Report of Foreign Private Issuer**

Pursuant to Rule 13a-16 or 15d-16 of  
the Securities Exchange Act of 1934

September 14, 2006

**PETROBRAS ENERGIA PARTICIPACIONES S.A.**

(formerly PEREZ COMPANC S.A. and PC HOLDING S.A.)

(Exact Name of Registrant as Specified in its Charter)

Maipú 1, Piso 22

(1084) Buenos Aires, Argentina

(Address of Principal Executive Offices)

(Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.)

Form 20-F  Form 40-F

(Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.)

Yes  No

If Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):82

N/A.

**PETROBRAS ENERGIA PARTICIPACIONES S.A.**

**PETROBRAS ENERGIA SIGNS AN AGREEMENT  
TO PERFORM EXPLORATION ACTIVITIES IN THE ARGENTINE SEA**

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Buenos Aires, September 14, 2006 Petrobras Energía Participaciones S.A. (Buenos Aires: PBE, NYSE: PZE), controlling company of Petrobras Energía S.A. (Buenos Aires: PESA), announces that Petrobras Energía S.A. has signed a memorandum of agreement with Energía Argentina S.A. (Enarsa) and YPF S.A. to create a consortium for the exploration, development, production and marketing of hydrocarbons in an offshore area called ENARSA 3 (E3) located in the Argentine continental shelf slope, approximately 250 km east of the city of Mar del Plata, Province of Buenos Aires, at depths ranging between 200 m and 3,000 m.

Petrobras Energía S.A., with a 35% stake in the consortium, will be the operator of the area while Enarsa and YPF S.A. will hold a 35% and 30% interest, respectively.

Exploration works involve 7,200 km of aerogravimetric and magnetometric surveys, 2,000 km of 2D seismic surveys, 500 square km of 3D seismic surveys and drilling of an exploration well. Petrobras Energía S.A. and YPF S.A. will be responsible, in proportion to their interest, to contribute the funds necessary to finance the investment corresponding to Enarsa in this exploration stage. In the event a commercial discovery is made, Enarsa will reimburse Petrobras Energía S.A. and YPF S.A. the funds received.

Petrobras Energía S.A. will apply the technology and know-how developed by Petrobras, a world leader in offshore exploration and a pioneer in deep and ultra-deep water operations. Petrobras operates the world's largest number of offshore oil and gas production systems. Petrobras' renowned leadership in this field is a major contribution to this project.

This agreement adds to the agreement executed last January by Enarsa, YPF S.A. and Petrouuguay S.A. for the exploration, development, production and marketing of hydrocarbons from the offshore areas ENARSA 1 (E1) and CCM2, also located in the Argentine Sea.

[www.petrobras.com.ar](http://www.petrobras.com.ar)

(54-11) 4344-6655

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

PETROBRAS ENERGÍA PARTICIPACIONES S.A.

Date: 14/09/2006

By: /s/ Daniel Casal

By: /s/ Luis M. Sas

Name: Daniel Casal

Name: Luis M. Sas

Title: Attorney

Title: Attorney