SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

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

For the month of March, 2005

Commission File Number 1-15106

PETRÓLEO BRASILEIRO S.A. - PETROBRAS

(Exact name of registrant as specified in its charter)

Brazilian Petroleum Corporation - PETROBRAS

(Translation of Registrant's name into English)

Avenida República do Chile, 65 20035-900 - Rio de Janeiro, RJ Federative Republic of Brazil

(Address of principal executive office)

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

Acquisition of Baixada Santista Energia Ltda - BSE

(Rio de Janeiro, March 09, 2005). PETRÓLEO BRASILEIRO S/A - PETROBRAS, [Bovespa: PETR3/PETR4, NYSE: PBR/PBRA, Latibex: XPBR/XPBRA], a Brazilian international energy company, announces that its Executive Board has approved the conditions agreed with Marubeni Corporation for the acquisition of all the quotas in Baixada Santista Energia Ltda - BSE, owner of Cubatão Thermoelectric Power Plant - UTE, located in the municipality of Cubatão, state of São Paulo. The plant will have a nominal capacity of 208 MW and 450 t/h of steam. Petrobras already holds 0.01% of the capital stock of Baixada Santista Energia Ltda and will reimburse Marubeni approximately R\$ 47 million for its remaining 99.99%, which corresponds to the costs incurred by Marubeni in the project development up to the present time.

The Cubatão Thermoelectric Power Plant is scheduled to go into operation by October 2007 supplying 47 MW and 415 t/h of steam to Petrobras Presidente Bernardes Refinery, Cubatão (RPBC). Surplus energy will be sold to the market. Petrobras will benefit from the synergies between RPBC and the UTE as well as from the integration of the latter with other plants operated by Petrobras.

This acquisition is part of the Company s corporate strategy of operating in the sector on an integrated basis in addition to the optimization of its position in the electric power market.

http://www.petrobras.com.br/ri/english

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This document may contain forecasts that merely reflect the expectations of the Company's management. Such terms as anticipate, believe, expect, forecast, intend, plan, project, seek, should, along with similar or analogous expressions, are used to ide forecasts. These predictions evidently involve risks and uncertainties, whether foreseen or not by the Company. Therefore, the future results of operations may differ from current expectations, and readers must not base their expectations exclusively on the information presented herein.

SIGNATURE

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.

Date: March 9, 2005

PETRÓLEO BRASILEIRO S.A--PETROBRAS

By: /s/ José Sergio Gabrielli de Azevedo

> José Sergio Gabrielli de Azevedo Chief Financial Officer and Investor Relations Director

FORWARD-LOOKING STATEMENTS

This press release may contain forward-looking statements. These statements are statements that are not historical facts, and are based on management's current view and estimates offuture economic circumstances, industry conditions, company performance and financial results. The words "anticipates", "believes", "estimates", "expects", "plans" and similar expressions, as they relate to the company, are intended to identify forward-looking statements. Statements regarding the declaration or payment of dividends, the implementation of principal operating and financing strategies and capital expenditure plans, the direction of future operations and the factors or trends affecting financial condition, liquidity or results of operations are examples of forward-looking statements. Such statements reflect the current views of management and are subject to a number of risks and uncertainties. There is no guarantee that the expected events, trends or results will actually occur. The statements are based on many assumptions and factors, including general economic and market conditions, industry conditions, and operating factors. Any changes in such assumptions or factors could cause actual results to differ materially from current expectations.