

Establishing an Appropriate Form of Price Control

November
2017

As part of the second price control review for the electricity transmission and distribution sector, the RIC intends to revisit the forms of price control that are consistent with an incentive framework so that the RIC makes an informed decision regarding the most suitable approach going forward. The document is also intended to highlight the key strengths and weaknesses of the alternative approaches.

Summary
Document

ESTABLISHING AN APPROPRIATE FORM OF PRICE CONTROL

Purpose of the Paper

To examine the various forms of Price Control which are available under Incentive Regulation to enable the RIC to choose the most suitable form of price control for T&TEC

The Regulated Industries Commission (RIC) is required to establish principles for determining rates and charges of service providers under its purview. The RIC Act allows the RIC to utilize be some form of incentive regulation; however, the Act does not specify any particular form of price control.



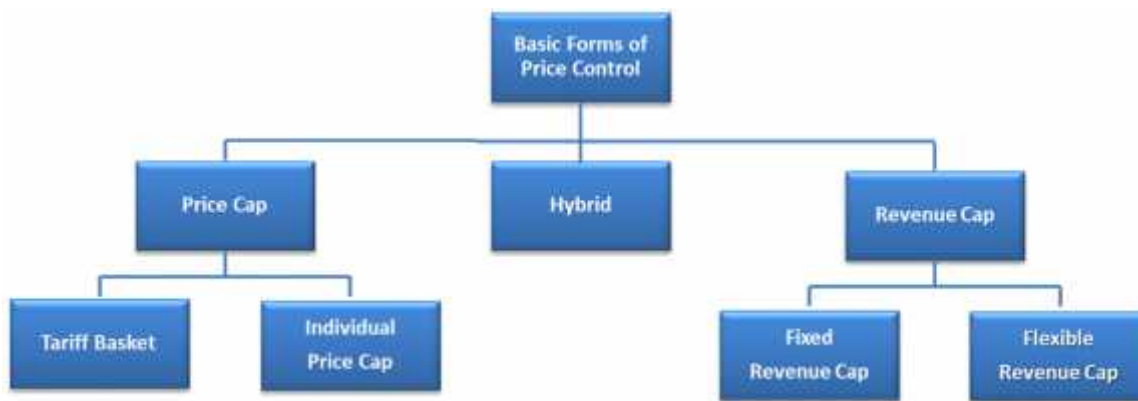
It specifies the manner by which a regulated utility is allowed to recover its costs over the regulatory control period. It includes primarily :

- what is controlled (prices or revenues) and
- how the price or revenue is controlled (e.g. individual price caps or tariff baskets).

The RIC is free to utilize any form of price control that it deems appropriate for the sectors under its remit. There are three primary forms of price control under incentive regulation¹ that meet the requirements of the RIC Act namely:

-) Price Caps;
-) Revenue Caps; and
-) Hybrid forms of control.

The basic Forms of Price Control under Incentive Regulation are represented below diagrammatically.



The following table outlines some of the key characteristics of different Forms of Price Control:

	Firm has incentive to price efficiently?	Firm has pricing Flexibility?	Regulated firm bears volume risks?	Information required for setting cap, given allowed revenue?	Information required for compliance?
Average Revenue Cap	Some incentive	Yes	Yes	Low	Low
Total Revenue Cap	No	Yes	No	Very Low	Very Low
Hybrid Revenue Cap	Some incentive	Yes	Some risk	Low	Low
Tariff Basket	Yes	Yes	Yes	Medium	Medium
Disaggregated Price Caps	Yes	No	Yes	High	Medium

¹ These forms of price control can also be classified as *ex-ante* price controls (these controls are built on forecasts). The rate of return price control can also be classified as an *ex-ante* price control, but does not fall under the incentive regulation approach.

In the first regulatory control period for the electricity transmission and distribution sector, the RIC utilized a fixed (total) revenue cap. A fixed or total cap was chosen because it provided distinct advantages, such as an appropriate balance of the allocation of risk between customers and the service provider, while concomitantly incentivising the service provider to reduce costs. It also provided T&TEC with the operational flexibility it needed to meet its service objectives and, at the same time, it exposed T&TEC to risks it could control.

On balance, the fixed (total) revenue cap performed well:

-) It provided an appropriate basis for establishing efficient tariffs;
-) It provided for stable household bills; and
-) No undue risk had to be borne by any customer or T&TEC.

The RIC is acutely aware that the energy landscape is undergoing extensive changes and as part of the second review, will employ further measures to encourage greater conservation and energy efficiency among customers. In this regard, a fixed revenue cap encourages demand management on the part of a utility. At the same time the RIC is aware that over the longer term, the rollout of electric vehicles may provide new demand streams for T&TEC. Concomitantly, the growth of renewables and the possibility of greater self-generation can dampen demand. The revenue cap is best suited to enable T&TEC to manage these risks.



However, comments are welcome on the RIC's proposal to continue with a fixed revenue cap for the 2018-2023 Price Control period for T&TEC.

All persons wishing to comment on the main document are invited to send these by post, fax or e-mail to:

Executive Director

Regulated Industries Commission

Furness House – 1st & 3rd Floors

Cor. Wrightson Road and Independence Square

Port-of-Spain, Trinidad

Postal Address: P.O. Box 1001, Port-of-Spain, Trinidad

Tel. : 1(868) 625-5384; 627-7820; 627-0821; 627-0503

Fax : 1(868) 624-2027

Email : ricconsultation@ric.org.tt

Website : www.ric.org.tt

All responses will normally be published on the RIC's website unless there are good reasons why they must remain confidential. Any requests for confidentiality must be indicated. A copy of the main document is available from the RIC's website at www.ric.org.tt.

Comments close at 4.00 pm on December 18, 2017.