

WORK PLAN AND QUESTIONNAIRE ON ECONOMIC ASPECTS OF BROADBAND OVER POWER LINES (BPL) OTHERWISE KNOWN AS POWER LINE COMMUNICATION (PLC)

The VI Meeting of the Permanent Consultative Committee I: Telecommunication Standardization,

IN VIEW OF:

- a) The terms of reference of the Working Group on Economic Aspects and Tariff Principles included in Resolution PCC.I/RES.5 (1/02); and
- b) The Working Plan of the Working Group on Economic Aspects and Tariff Principles included in the document CCP.I/TEL/doc.104/03 rev.5,

CONSIDERING:

- a) That technology advancement is bringing about a constant evolution of the telecommunications market, with the emergence of new operators, new services, and as a result, new scenarios to be analyzed;
- b) That to understand the dynamic of this process it is imperative to be familiar with not only the regulatory aspects that limit not only the process and the technologies used, but also the particular economic foundations identify each of them;
- c) That technological advances make it necessary to study in depth the economic and regulatory aspects of emerging technologies, and
- d) That the regulating entities require updated information on the progress of various technologies in order to determine whether the need for regulatory intervention may be brought about by technological advancement and corresponding market changes,

CONSIDERING FURTHER:

- a) That Broadband over Power Lines (BPL), also known as Power Line Communication (PLC) is undergoing trials throughout the hemisphere; and
- b) That there is a strong interest on the part of PCC.I member countries to assess the economic and regulatory aspects of BPL/PLC,

RECOGNIZING:

That CITEL Member States and Associate Members consider that BPL/PLC represents a possible competitive technology and a way of providing internet and telecommunications to underserved and unserved areas;

BEARING IN MIND:

¹ CCP.I-TEL/doc. 639/05 rev. 1

- a) The conclusions of the Workshop on Economic Aspects of Telecommunications held in the IV PCC.I meeting in Quito, Ecuador;
- b) The need to continue studying and gathering additional information about the different technologies in a convergent marketplace for information and communications technologies which are faced by the Administrations and Regulatory Agencies in the countries of the Americas.

RESOLVES:

1. To mandate the Working Group on Economic Aspects and Tariff Principles with the development of a study concerning the economic and regulatory aspects of BPL/PLC for countries in the region.
2. To request the Administration of United States of America to carry out the coordination of the study indicated in the foregoing *resolve*.
3. To request that the Administrations of CITEL complete the questionnaire contained in the annex of this Resolution, and forward it to the Secretariat of CITEL before June 15, 2005.
4. To present a progress report on the results of the study during the VII meeting of PCC.I.
5. To arrange an expert panel presentation of the economic and regulatory aspects BPL/PLC to PCC.I during the VII meeting of PCC.I. This panel presentation could include a demonstration and discussion of regulatory challenges faced by providers.
6. To undertake further study, as needed, in order to prepare a BPL/PLC summary report to be presented at the VIII meeting of PCC.I.

INSTRUCTS THE CITEL SECRETARIAT:

To send the questionnaire to the Administrations of CITEL requesting their answer to the above mentioned questionnaire.

ANNEX TO RESOLUTION PCC.I/RES. 71 (VI-05)

QUESTIONNAIRE ON ECONOMIC ASPECTS AND REGULATION OF BPL/PLC

Member State or Associate Member/Estado miembro o Miembro Asociado:
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Name of person responsable/Nombre del responsable
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E-mail of responsible person/Correo electrónico del responsable:

Date of answer/Fecha de respuesta:

- | |
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| <ol style="list-style-type: none">1. Please indicate if your country has undertaken a study relating to BPL/PLC.1.1.1 Answer only if the answer to Question 1 was affirmative:1.1.2 Please briefly describe the study.1.1.3 What specific questions were asked? |
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- 1.1.4 What conclusions, if any, were drawn?
- 1.1.5 Please provide links to official, public documents, if available.
- 2. Who, if anyone, has regulatory jurisdiction over BPL/PLC? Is jurisdiction shared? Please provide any information on jurisdiction that may be of interest to Member States.
- 3. Is BPL/PLC available to consumers in any locations in your country? If so, is it on a pilot project basis? Provided by a private company or the government? Please provide any information on deployment & availability that may be of interest to Member States.
- 4. If you have any information on the cost of or barriers to providing BPL/PLC, please provide it.
- 5. Please provide any additional comments you may have. (e.g. interference, etc.)

(This questionnaire may be answered as briefly or as extensively as each administration considers appropriate)