

# BPL Fact Sheet - LIPA Test Areas, Schedule for Testing

The site of the BPL and Wireless Demonstration Project will be in Hauppauge, NY. Two circuits will be enabled:  
6H-533 (originates in the Hauppauge substation)  
6DL-841 (originates in the Pilgrim substation)

ASU number 1180, which is located at the corner of Motor Parkway and Commack Road in Commack, will be utilized for this demonstration project.

Transformer number 118241, which is located at 75 Austin Blvd in Hauppauge, will be utilized for this demonstration project.

A 900 KVAR Capacitor, which is located on Motor Parkway behind 34 Pinewood Drive in Commack, will be utilized for this demonstration project

An F100T Fuse, which is located at 313 Harned Road in Hauppauge, will be utilized for this demonstration project.

Current sensor shall be placed on each phase of the primary at the intersection of New Highway and Wicks Path.

Voltage sensor shall be placed on each phase of the primary at the intersection of New Highway and Wicks Path.

## Calendar of Events

The proposed schedule of key dates in this RFP is as follows:

Issuance of RFP	February 21, 2006
Bidders Conference	March 10, 2006
Deadline for Submission of <a href="#">Questions</a>	March 17, 2006
Submit Notice of Intent to Propose	March 24, 2006
<b>Proposal Due Date</b>	<b>April 28, 2006 by 3:00PM</b>

**Q13. How many transformers are on each circuit and how many of the types used for above ground and below ground types (pole and pad mount)?**

**A13.** While the number and type of transformers may change from day to day the approximate number of transformers present on Circuit 6H-533 is 51 transformers (pad mount type). For Circuit 6DL-841 there are approximately 151 transformers (pole mount) of the pole mounted type for a total of 202 distribution transformers.

**Q16. With respect to the area, can you tell us how large of an area it is, square units, and how many households are passed?**

**A16.** The area is approximately 2.8 square miles. There are approximately 1,500 households and approximately 50 industrial properties passed on the two designated circuits. Therefore, Respondents need to understand the circuits. As stated in the RFP, LIPA will provide 100 residential and 5 commercial customers with BPL services for the term of the project. Therefore, Respondents need to be able to determine and propose the number of houses passed.

**PERIOD**

The contract will be for a period of three (3) years, including approximately two (2) years of continuous operation of the BPL and Wireless Demonstration Project .

Task/Milestone	Activity	Schedule
1	Project Initiation • The project will be initiated upon notification and permission from LIPA.	Month 1
2	Design submission for LIPA Approval • Submission of the completed BPL/Wireless design for the demonstration project will include a complete description and applicable documentation for all hardware and software components. The documentation and information for the design will be in accordance with the requirements of the RFP.	Month 2
3	Installation • Installation of the BPL/Wireless system on the Utility Grid will include a complete end to end test of the system – Upon satisfactory demonstration of the continuity and functionality of the system the installation will be accepted by LIPA.	Month 6
4	Activation upon LIPA Approval • Activation of Broadband service to the 105 customers on the designated circuits. This will be complete when the functionality of the system and the bandwidth and latency are verified.	Month 9
5	Operations Case Study • The Operations case study will be prepared in conjunction with LIPA. This will include all of the requirements defined in the RFP.	Month 27
6	Decommissioning • All decommissioning will be done in accordance with the RFP. The Utility Grid will be left in functionally the same condition as it was prior to the project.	Month 33
7	Final Report and Presentation • This will be prepared as specified in the RFP.	Month 36