

A. INTRODUCTION

Electrical service in the vicinity of the Project Site is provided by LIPA and transmitted and/or distributed through a series of underground and aboveground transmission and distribution lines, and interconnecting substations and switchyards.

The Proposed Action includes the construction of the Proposed Substation, installation of UG transmission circuits and UG distribution exit feeders and limited work within the existing Plainview Substation and just outside the limits of the Ruland Road Substation.

B. POTENTIAL IMPACTS OF THE PROPOSED ACTION

The Proposed Action is needed as a result of growing energy demands exceeding the capacity of the existing substations and circuits in the area. The Proposed Action will provide an adequate and more reliable electric supply and will fulfill future projected loads. The Proposed Substation will also address load growth from new developments in the area, specifically the Country Pointe Development, a mixed commercial and residential development.

The Proposed Action will have beneficial impacts to the LIPA transmission and distribution system and the surrounding community, heavily developed areas of Nassau and Suffolk Counties with its many residential, commercial, and institutional uses, through improved reliability and resiliency. The Proposed Action will not result in an increase in generating capacity. As such, there will be no significant adverse impacts to energy resources.