Decision Maker and Stakeholder Guide

Power Grid and Land Use Policy Analysis

Submitted by
Decision Insights, Inc.
121 S. Hope Street, # 420
Los Angeles, CA 90012
(213) 625 3340

Principal Investigator:
Detlof von Winterfeldt

Co-Investigators:
Jack Adams
Thomas Eppel
Indira Nair

to

California Department of Health Services
and the
Public Health Institute
1515 Clay Street, 17th Floor
Oakland, CA 94612

February 21, 2001

Contract # 42-A8704-S1164
# Table of Contents

Introduction...........................................................................................................1

Policy Analysis in Perspective.................................................................2

A Roadmap for Using the Policy Analysis Models.................................6

Equity and Environmental Justice Considerations...............................11

Development of the Simplified Models.....................................................12

Distribution Line Retrofitting.................................................................16

Transmission Line Retrofitting...............................................................26

Home Grounding Retrofitting.................................................................30

New Transmission Lines............................................................................32

References.....................................................................................................34

Appendix A: EXCEL Models.................................................................35