



Transmission Expansion Planning

The links below are references to studies in which PLEXOS was used to aid transmission investment decision.

1 AEMO-MMA-Electranet

There is the joint feasibility study by AEMO-MMA-Electranet: "ElectraNet-AEMO Joint Feasibility Study. South Australian Interconnector. Feasibility Study", ElectraNet-AEMO, Market Modelling Report, February 2001.

<http://www.aemo.com.au/planning/0173-0017.pdf>

2 California ISO

Transmission Economic Assessment Methodology (TEAM)

<http://www.caiso.com/docs/2004/06/03/2004060313241622985.pdf>

3 Midwest ISO

Mid West ISO: "Implementation of PLEXOS into MISO Transmission Planning Process"

<https://www.midwestiso.org/Library/Repository/Meeting%20Material/Stakeholder/PAC/2010/20100420/20100420%20PAC%20Item%2007%20Implementation%20of%20Plexos%20in%20Midwest%20ISO%20Transmission%20Planning%20Process.pdf>

4 Transpower NZ

Transpower: "CAPACITY EXPANSION PLANNING FOR THE NEW ZEALAND ELECTRICITY MARKET"

<http://www.ea.govt.nz/document/7085/download/industry/ec-archive/grid-investment-archive/gup/2007-gup/hvdc-grid-upgrade/>

Transpower: "Inter-Island HVDC Pole 1 Replacement Investigation: Further Information – PLEXOS Results"

<http://www.ea.govt.nz/document/7083/download/industry/ec-archive/grid-investment-archive/gup/2007-gup/hvdc-grid-upgrade/>



Transpower: " PLEXOS NEW ZEALAND DATABASE ASSUMPTIONS REPORT"

<http://www.ea.govt.nz/document/7084/download/industry/ec-archive/grid-investment-archive/gup/2007-gup/hvdc-grid-upgrade/>

Renewable Integration

1 National Renewable Energy Laboratory (NREL)

National Renewable Energy Laboratory (NREL): "Western Wind and Solar Integration Study: Scenarios and Data Inputs"

<http://wind.nrel.gov/public/WWIS/TRC-May-2011v2.ppt>

2 Californian ISO

CAISO Study: "Integration of Renewable Resources, August 2010"

http://energyexemplar.com/wp-content/uploads/publications/CAISO_Study_Using_PLEXOS.pdf

CAISO: Summary of Preliminary Results of 33% Renewable Integration Study

http://www.cpuc.ca.gov/NR/rdonlyres/E2FBD08E-727B-4E84-BD98-7561A5D45743/0/LTPP_33pct_initial_results_042911_final.pdf

Transmission Energy Balancing

1 National Renewable Energy Laboratory (NREL)

NREL/PLEXOS Analysis of the Proposed EIM in the Western Interconnection: Methods

<http://www.westgov.org/PUCeim/webinars/04-19-12/NRELmba.pdf>



2 National Grid UK

National Grid (UK): Electricity System Operation/Balancing Incentive Scheme

http://www.nationalgrid.com/NR/rdonlyres/FD7E0C91-4A12-4DDE-AC27-6B49685EF0A9/44512/Initial_Proposals_ConstraintsAddendum_Final.pdf