DOCKETED

Docket Number:	16-BSTD-06
Project Title:	Updates to the 2019 Time Dependent Valuation of Energy
TN #:	215940
Document Title:	2019 TDV 2-13-17 Update Model File Cover Page
Description:	A .pdf version of the large .xlsb model file. The full model file can be found on our 2019 Standards website.
Filer:	Adrian Ownby
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	2/13/2017 10:39:06 AM
Docketed Date:	2/13/2017

CEC Title 24 TDV Calculator

Prepared by:

E3 Energy+Environmental Economics

Energy and Environmental Economics, Inc.
101 Montgomery Street, Suite 1600
San Francisco, CA 94104
Phone: 415-391-5100
May 11, 2016

- Updated TDV Model
  - *TDV_2019 Update_Model_2_10_17.xlsb*
  - This is the working model with the formula correction that fixes the T&D allocators

This is only a cover page file. Our efile system will not accept .xlsb or .xlsm files.
The actual file can be downloaded from our 2019 Standards website.

Contents:

Base Inputs:	Main data inputs and forecasts that serve as the basis of TDV calculation
TDV Calc:	Main model controls; calculation of hourly TDVs for electricity, natural gas, and propane
Fuel Costs:	Forecasts of fossil fuel costs used in TDV calculation
Avoided RPS:	Calculates avoided cost of RPS requirement
Rate Forecast:	Forecasts of retail rates for electricity, natural gas, and propane; calculation of retail adjustments for electricity and natural gas
Emissions:	Forecasts of carbon and NOx emissions values; characterization of electric sector emissions rates
Losses:	System loss factors for electricity and natural gas
Market Dynamics:	Calculation of annual values of wholesale electricity and generating capacity
Monthly Shapes:	Monthly commodity shapes for natural gas and propane; calculation of transportation allocators for natural gas
T&D Value:	Forecasts of transmission/distribution deferral value for electricity and natural gas transportation marginal costs
Hourly Data:	Hourly data used in the calculation of electricity TDVs: wholesale market price shapes, utility TOU periods hourly loads, and T&D hourly allocators
CT Pro Forma:	Calculation of levelized fixed cost for the new CT plant characterized on the 'Inputs' tab
CT Performance	Heat rate performance of CT at various temperature levels
Cap Alloc:	Generation capacity hourly allocation from RECAP model
Dropdowns:	Model controls
Illustrative Load Shapes:	TDV consumption of various illustrative loads

Color Scheme:

Dropdown Menus	User controls for TDV calculation
	Input data to TDV calculator
	Intermediate calculations
	Data read from other tabs
	Value streams used directly in the calculation of TDVs
Blue Text	Other Input Data (not meant for manipulation)