

## DOCKETED

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<b>Project Title:</b>	Updates to the 2019 Time Dependent Valuation of Energy
<b>TN #:</b>	212729
<b>Document Title:</b>	Cover Page for the 7-20-16 version of the 2019 TDV file
<b>Description:</b>	PDF cover page to a .xlsb file containing the actual calculations for the 2019 TDV which can be found on the Energy Commission's website.
<b>Filer:</b>	Adrian Ownby
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# CEC Title 24 TDV Calculator

7/20/2016 Version

Prepared by:



Energy+Environmental Economics

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

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