DOCKETED		
Docket Number:	16-BSTD-06	
Project Title:	Updates to the 2019 Time Dependent Valuation of Energy	
TN #:	211816	
Document Title:	2019 TDV 6-14-16 Cover with Changes Noted	
Description:	A pdf version of the Excel file Cover spreadsheet with a note describing changes from the previous version.	
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CEC Title 24 TDV Calculator

Prepared by:



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- New T&D allocation factors plugged in
- New capacity allocation using 90.5°F instead of 90°F (this gets rid of the outlier Sep weekend spike)
- · Took out non-active scenario options from dropdown
- Minor fix to T&D logic
- · Minor carbon and var o&M logic changes to Market Dynamics tab
- · Carbon price changed from metric to short tons to align with emission factor

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:

Drop	down 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)