

Preliminary Project Listing 2019-2020

Project Description
Access identity management (AIM) improvements
Allow market to consume switches with multiple outage status changes over the course of an outage
Application recovery alignment
Area control error (ACE), automatic generation control (AGC), and South Orange County (SOC) reporting to market participants
Automated dispatch system (ADS) replacement
CAISO.COM mobile & web improvements
Campus operation annual request
Capacity procurement mechanism (CPM) risk-of-retirement process enhancements
Commitment costs and default energy bid enhancements (CC DEBE)
Commitment reasons final phase
Common user interface (CUI) improvements
Congestion Revenue Rights (CRR) business to business (B2B) application programming interface (API)s
Constraint parameter enhancement
Contingency modeling enhancement - transmission
Critical data business continuity improvements
Customer ISO resource adequacy (CIRA)-technology enhancements
Customer service improvement projects
Energy imbalance market (EIM) economic studies
Energy imbalance market (EIM) non policy enhancements
Enhancements to integrated forward market (IFM) renewable schedules and forecast in aggregate
Enterprise model management system (EMMS) Phase 4
Existing transmission contract calculator (ETCC) path limit calculator enhancements

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Expand external capability for hands-on training
Extended day ahead market (EDAM) implementation
Extended short term unit commitment (STUC)
External training program development – phase 3
Facilities replacement reserve
Hardware and software purchases 2019
Identify interchange sourced at regulatory must take (RMT) resources
Incorporate the multi-stage generator (MSG) transition and aggregate transition
Incorporation of operations non-core tools into final destination
Information security vulnerability scanner replacement
Initialization funding for capital projects
Job description tool
Load forecasting improvements for load distribution factor (LDF)
Masterfile service oriented architecture (SOA) phases 2-4
Model synchronization and activation (MSAA) on a weekly basis
Move detailed unit information calculator (DUI) tool into Masterfile
Move interest calculations from market clearing to settlements
Multistate non-generator resources (NGR)
Operation system improvement
Operations training environment improvements
Oracle cost management - Data Base alternatives
Outage optimization phase 2

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Performance improvements –bill determinate file
Program office internal labor
Real time (RT) redesign simplify timeline
Reducing time gap between real time pre dispatch (RTPD) running time and binding interval
Reliability must-run (RMR) application validation engine (RAVE) consolidation with settlement
Rerun stabilization
Resource interconnection management system (RIMS) enhancements
Robust & sturdy state estimator (SE) & real time contingency analysis (RTCA) availability
Robustness (data streams quality) improvements
SAS EG implemented price corrections incorporated into supported application
Settlement disputes software fixes
Support efficiency improvements
Technology pilots and demonstrations
Technology system improvement
Today's Outlook improvements
Transmission register enhancements
Use of dynamic voltage stability analysis (VSA) limits to improved power flow convergence limits
Use of market operator field in e-tag system for adjustment
Web service standardization