

2017-2018 Preliminary Project Listing

Access Identity Management (AIM) 2017

Application recovery alignment

Application technologies security assessment

Automated Dispatch System (ADS) architectural alignment

Bidding rules enhancements phase 2

CAISO.COM mobile & web improvements

Campus operations annual requests

Commitment cost enhancements phase 3

Commitment reasons final phase

Common user interface (CUI) enhancements

Compliance tool enhancements

Congestion revenue rights (CRR) Business to business (B2B) application programming interface (API)s

Constraint parameter enhancement

Contingency modeling enhancements - transmission

Corporate notification system

Critical data business continuity improvements

Customer inquiry, dispute and information (CIDI) –knowledge module

Customer ISO Market Results Interface (CMRI) Improvements

Economic study tool enhancements and consulting services

Energy costs and index calculator (ECIC) phase 2b

Energy imbalance market (EIM) year 2 enhancements

Enhanced generation contingency model for markets

Enhancements to integrated forward market (IFM) renewable schedules and forecast in aggregate

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Enterprise model management system (EMMS) Integration with energy management system (EMS)
Expand non-generator resources with proxy demand resource (PDR) and distributed energy resources (DER) options
Expand voltage stability analysis (VSA) to include renewable variability
Ex-post pricing
Flexible resource adequacy (RA) criteria and must offer obligation - Phase 2
Forecasting system improvements phase 2
Full network model (FNM) expansion phase 2
Greenhouse gas in integrated forward market (IFM)
Group constraint enhancement
Hardware & software purchase 2017
Incorporation of operations non-core tools into final destination
Information security software purchase
Initialization funding for capital projects
Job description tool
Load distribution Factor (LDF) enhancement
Market & grid integrated information (MAGII) with analytics data base - data modeling (includes market validation tool (MVT) phase 2 and 3)
Market design comprehensive review
Market participant operations transparency project
Market participant portal (MPP) redesign
Market quality system (MQS) redesign
Market services enhancements 2017
Move interest calculations from market clearing to settlements

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Multi-active operations continuation

Multi-stage generation (MSG) improvements 2017

Multistate non-generator resources (NGR)

Open access same-time information system (OASIS) improvements

Operations enhancements 2017

Oracle cost management - DB alternatives

Outage management system (OMS) improvements phase 2

Outage optimization phase 2

Phase shifter modeling in market application (EMNA - energy management network application)

Post market consolidation/demand response system replacement

Post market consolidation/settlements upgrade

Program Office Internal Labor

Real time redesign to simplify timelines

Records retention schedule application

Reducing time gap between RTPD running time and binding interval

Regulatory contract automation

Reliability services phase 1b

Reliability services phase 2

Remedial action schemes (RAS)/special protection system (SPS) modeling in market applications - Phase 1

Replacement of End Of Support DNS and Load Balancing appliances in Public Internet network space

Rerun stabilization

Resource interconnection management system (RIMS) enhancements

Technology pilots and demonstrations

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Telemetry and metering options phase 2
Today's outlook improvements
Transmission register enhancements
Use of dynamic voltage stability analysis (VSA) limits in market and improve power flow convergence
Use short-term unit commitment (STUC) bids when clean bids are unavailable
Voice of the customer – candidate projects
Web service standardization