Description
Access and identity management (AIM) improvements
Automated dispatch system (ADS) and demand response system (DRRS) enhancements
Agreement management system (AMS) from access to an application
Application recovery alignment
Area control error (ACE), Automatic generation control (AGC), and South Orange County (SOC) reporting to market participants
Automation of market disruption
Black start automation
Campus operation annual funding
Customer ISO resource adequacy (CIRA) technical enhancement
Common user interface (CUI)
Constraint parameter enhancement
Contingency modeling enhancements - transmissions
Capacity procurement mechanism (CPM) soft offer cap
Critical data business continuity improvements
Congestion revenue rights (CRR) auction efficiency phase 2
Customer service improvement projects
Day ahead market (DAM) enhancements
Dispatch operating target (DOT) tariff clarifications
Do not allow markets to procure undeliverable congestion ancillary services (A/S)
Energy costs and index calculator phase 2b
Energy imbalance market (EIM) enhancements 2020
Energy management system (EMS) enhancements
Enhance Behind the Meter Forecast
Enhanced day ahead market (EDAM)
Enhancements to integrated forward market (IFM) renewable schedules and forecast in aggregate
Enterprise model management system (EMMS) phase 4

Description
Enterprise telephony refresh
Energy storage and distributed energy resources (ESDER) phase 4
Excess behind the meter production
Existing transmission contract calculator (ETCC) path limit calculator enhancements
Expand external capability for hands-on training
External training program development - CBT Part 3
Facilities reserve funding
FERC Order 841 removes barriers to the participation of electric storage resources
FERC Order 845 interconnection procedures and agreements
FERC Order 831 bid cap
Flexible ramping product enhancements
Frequency response analysis tool
Full network model (FNM) expansion phase 2
Hybrid resources
Import bid cost verification
Incorporation of operations non-core tools into final destination
Initialization funding for capital projects
Interconnection process enhancement 2020
Intertie deviation settlement
Intertie offer cost verification
Job description tool
Market & grid integrated information (MAGII) with analytics data base - data modeling (Includes market validation tool (MVT) phase 2 and 3)
Market quality system (MQS) redesign
Market timeline settlement transformation
Masterfile service oriented architecture (SOA) phase 2
Market engine performance improvements 2020

Description
Model synchronization and activation (MSAA) automation
Move detailed unit information tool (DUIT) from Critical System Support (CSS) and integrate into Masterfile
Move interest calculations from market clearing to settlements
Network access control (NAC)
Operations systems improvements (OSI)
Operations training environment improvements
Optimal multi-stage generator (MSG) transitioning profile
Oracle cost management -data-base (DB) alternatives
Outage optimization Phase 2
Program office internal labor
Pump storage with multiple pumping levels
Real time (RT) redesign simplify timeline
Reliability coordinator (RC) voltage stability analysis (VSA) enhancements
Reducing time gap between real time pre dispatch (RTPD) running time and binding interval
Reliability and deliverability assessment tool (RDAT)
Rerun stabilization
Resource adequacy enhancements
Resource interconnection management system (RIMS) enhancements
Robust sturdy state estimator (SE) and real time contingency analysis (RTCA) availability
Robustness (data streams quality) improvements
SAS implemented price corrections
Settlements replacement
Storage as a Transmission Asset
Support efficiency improvements
Technology robustness 2020
Technology system improvements (TSI)

Preliminary Project Listing 2020-2021

Description
Transmission access charge (TAC) billing
Transmission register (TR) replacement phase 1
Upgrade congestion revenue rights (CRR) system
Use market operator in e-tag
Use of dynamic voltage stability analysis (VSA) limits for dynamic transfer capability (DTC) and rate of change(ROC) limits (BPA)
Variable energy resource (VER) forecasting phase 2
Vulnerability scanner
Web service standardization