

IESO Project Brief

Project ID # 379

1. Proposed Project Name:	End user computing (EUC) tools Upgrade Project	
2. Prepared by:	Ken Lee	
3. Sponsor(s):	Jeannette Briggs	
4. Executive Summary: EUC (End-User Computing) tools are used in Settlements month end processes for calculating and creating manual line items (MLIs) for preliminary and final settlement statements. There are currently over 40 EUC tools that are used to settle the market on a monthly basis and this number continues to grow at a steady rate with the introduction of new government programs and market-based programs which require the implementation of a settlement solution within a short timeframe. EUC tools are developed using Microsoft applications and the data warehouse retrieval application tool. Migrating EUC tools off desktop applications and hardware platforms into an IT supported enterprise solution (Meter Data Management System) will improve the operational efficiency and ensure the applications are monitored and supported by IT.		
5. What strategic Corporate goal does this project support from the list below? This project supports the corporate services objectives to reduce dependencies on End User Computing tools.		
a) Providing Public Value This project will improve processing efficiency for creation of monthly manual line item adjustment charges		☒
b) Building Corporate Resilience This project ensures correct solution technologies are chosen to achieve public value outcomes.		☒

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c) Respect and Value our Stakeholders N/A	☐
6. Why is this project required? This project is required to reduce the risks associated with business's reliance on end user computing (EUC) tools. High risk EUC tools require exceptions from IT due to their complexity and high settlement dollar. High complexity EUCs involves complex modeling and calculations, multiple data source interfaces and more maintenance. Failures of these EUCs can have a higher settlement dollar impact and adverse impact on corporation's reputation. This project will target high and medium risk tools for migration.	
a) Required to meet Regulatory/Government directive requirements	☐
b) Meets multiple conditions (6c) and (6d) of criteria 6	☒
c) Required to sustain IESO Service (Business/IT)	☐
d) Required to increase efficiency and reduce operational cost	☐
7. What customers or users will receive benefits from the outcome of this project? IESO Market Settlement will have an IT supported enterprise solution.	

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a) Market Participants (External Users) + IESO	☐
b) All IESO or Market Participants	☐
c) Multiple business units	☐
d) Single business unit	☒
8. Does the project directly support the mitigation of a Corporate key risk or low/ modest tolerance event? IESO is unable to fulfil its mandate and obligations	
a) Mitigates multiple key risks	☐
b) Mitigates low tolerance event	☐
c) Mitigates modest tolerance event	☒
d) Not supporting any of the Enterprise Risk/Event	☐

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9. Is this project part of a program? ☐ Yes ☒ No	
10) Impact Assessment: EUC tools are not fully automated. Manual data input is required from multiple data sources and increases the probability for human errors. The code will be moved to be under change control. If project is not executed, the Settlement process cannot be maximized to perform efficiently, reliably and accurately.	
11. Project Attributes:	
a) Duration including contingency: ☒ 0 to 6 months ☐ 7 to 12 months ☐ greater than 12 months	
b) Total Cost (Capital & OM&A) including contingency: ☒ up to \$100k ☐ \$101k to \$500k ☐ \$501k to \$1M ☐ greater than \$1M	
c) Project Dependencies: The major dependencies are interfaces to MIM and CRS	
d) Key Deliverables: Phase 1 deliverables are: - Document Business Requirements - Document System Specifications Phase 2 deliverables are:	

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- Test Documentation
- Deploying migrated EUC tool in MDMS (LPS)

e) Preferred project start (quarter):

First quarter of 2017

f) Key Project Risks:

The benefit envisioned from MDMS refresh project was additional flexibility for future business needs and improved performance. To mitigate risk of Oracle Utilities LPS (Load Profiling and Settlement) not being able to provide the functionality and capabilities required for replacing the EUCs, a Proof of concept (POC) prototype based on a high complexity EUC was delivered and is in-line with business's expectations and goals.

g) Mandatory due date:

Not applicable

h) Key resources required:

- Accenture (development of ETLs)
- BSD CIM (development of Appian User Interface)
- TSD CTS (DBA)
- Business Analysis
- Market Settlements SME

i) Additional information, if any: