



ENERGY RISK MANAGEMENT POLICY

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Section 1: POLICY OVERVIEW

1.1 Background and Purpose

The Redwood Coast Energy Authority (“RCEA”) is a public joint powers agency located within the geographic boundaries of Humboldt County. Member agencies of RCEA include the seven (7) incorporated cities located in Humboldt County, the County of Humboldt and the Humboldt Bay Municipal Water District. RCEA members desire to implement and administer a community choice aggregation (“CCA”) program for members that elect to become participants. The CCA program will give its members an opportunity to join together to procure electricity supplies and implement local programs that meet the goals of the local community. Electricity procured to serve customers will continue to be delivered over PG&E’s transmission and distribution system.

Presently, RCEA’s CCA Members include the following local government entities:

- Unincorporated Humboldt County
- City of Arcata
- City of Blue Lake
- City of Eureka
- City of Fortuna
- City of Trinidad
- City of Rio Dell

Providing retail electric generation service to customers enrolled in the CCA program exposes RCEA to risks such as retail load uncertainty (due to weather, customer opt-out, and other factors), energy market price, counterparty credit, PG&E generation and PCIA rate competitiveness and other regulatory risks.

This Energy Risk Management Policy (“Policy”) establishes RCEA’s Energy Risk Management Program (“Program”) including risk management functions and procedures to manage the risks associated with power procurement activities.

The ultimate purpose of this Policy is to help RCEA increase the likelihood of achieving its goals by specifying management responsibilities, organizational structures, risk management standards, and operating controls and limits necessary to properly identify and manage RCEA’s exposure to risk.

1.2 Scope

Unless otherwise explicitly stated in this Policy, or other policies approved by the Board, this Policy applies to all power procurement and related business activities that may impact the risk profile of RCEA. This Policy documents the framework by which management, staff and The Energy Authority (TEA) will:

- Identify and quantify risk
- Develop and execute procurement strategies
- Create a framework of controls and oversight

- Monitor, measure and report on the effectiveness of the Program

To ensure successful operation of the CCA program, RCEA has partnered with experienced contractors to provide energy-related services. Specific to power procurement, RCEA has partnered with TEA. At the outset of the CCA Program, TEA will be executing the preponderance of front- (transacting), middle- (monitoring) and back-office (settlement) related activities on RCEA's behalf. In providing these services, TEA will observe the policies outlined in this document. TEA maintains its own risk policies and procedures, following industry practices of segregation of duties, which will also govern activities executed on RCEA's behalf.

1.3 Energy Risk Management Objective

The objective of the Energy Risk Management Policy is to provide a framework for conducting procurement activities that maximizes the probability of RCEA meeting the goals listed in Section 2.1.

Pursuant to this Policy, RCEA will identify and measure the magnitude of the risks to which it is exposed and that contribute to the potential for not meeting identified goals.

1.4 Policy Administration

This Policy document has been reviewed and approved by the RCEA Board of Directors ("Board"). The Risk Management Team ("RMT") and Board must approve amendments to this Policy, except for the appendices, which may be amended with approval of only the RMT. The RMT must give notice to the Board of any amendment it makes to an appendix or a reference policy or procedure document.

Section 2: GOALS AND RISK EXPOSURES

2.1 Policy Goals

To help ensure long term viability for the CCA, RCEA has outlined the following Policy Goals. These goals will establish metrics used for modeling and measuring risk exposures of the CCA.

- RCEA will target to maintain competitive retail rates with PG&E after adjusting for the PCIA and Franchise Fee.
- RCEA will target during the initial years of operation to fund financial reserves with the following objectives:
 - Establish long-term business sustainability
 - Build collateral for power procurement activities
 - Establish an investment grade credit rating
 - Develop a source of funds for investment in generation and other local programs
 - Stabilize rates and dampen year-to-year variability in procurement costs

The goals outlined above are incorporated into the financial models that are used in modeling and measuring risk exposures. It is important to note that the goals listed above are not intended to be a comprehensive list of goals for the CCA. Rather, the above reflect a subset of program goals that are critical to long-term business viability for the CCA.

2.2 Risk Exposures

The Program faces a range of risks during launch and ongoing operation:

- Customer Opt-Out risk
- Market risk
- Regulatory risk
- Volumetric risk
- Model risk
- Operational risk
- Counterparty credit risk
- Reputation risk

Customer Opt-Out Risk

Customer opt-out risk is the primary risk the CCA faces. Customer opt-out risk includes any condition or event that creates uncertainty in the CCA's customer base, thereby increasing the potential for the CCA to not meet its Policy goals. A CCA faces other risks, but the ultimate concern is often how these other risks will affect customer opt-outs. This Policy addresses this paramount risk and secondary risk types listed below. These risks are not all inclusive but are identified as the risk factors driving the success of the CCA.

The most relevant measures of the success of this Policy include:

- Retail rate competitiveness with PG&E

- Financial reserve level

For the purpose of this Policy, risk exposure is assessed on all the transactions (energy, environmental attributes, capacity, etc.) executed by TEA on behalf of RCEA, or by RCEA, as well as the risk exposure of open positions and the impacts of these uncertainties on the CCA's load obligations. The following are components of RCEA's energy risk that will be assessed, monitored and managed.

2.3.1 Market Risk

Market risk is the uncertainty of RCEA's financial performance due to variable commodity market prices (market price risk) and uncertain price relationships (basis risk). Variability in market prices creates uncertainty in RCEA's procurement costs and can materially impact RCEA's financial position. Market risk is managed by regular measurement, execution of approved procurement and Congestion Revenue Right strategies and the limit structure set forth in this Policy.

2.3.2 Regulatory Risk

CCAs remain a comparatively new legal entity in the state of California and are subject to an evolving legal and regulatory landscape. Additionally, CCA's are in direct competition with California's Investor Owned Utilities ("IOUs"), which face the risk of stranded investments in generating assets and power purchase agreements procured in the past to serve now departing CCA loads. The manner in which the stranded costs of these legacy power supplies is allocated to departing CCA loads is the subject of regulatory proceedings at the CPUC. The competitive and regulatory landscape results in retail rate competitiveness risks that are unique to CCAs. RCEA will manage regulatory risk by:

- Regular monitoring and analysis of legislative and regulatory proceedings impacting CCAs;
- Regular monitoring and reporting of actual and projected financial results including probability-based and stressed financial results assuming a range of market and retail rate scenarios (both RCEA and PG&E);
- Structuring procurement strategies with the objective function of maintaining a favorable retail rate savings relative to PG&E;
- Actively participating in and representing CCA customer interests during regulatory and legislative proceedings.

2.3.3 Volumetric Risk

Volumetric risk is the uncertainty of RCEA's financial performance due to variability in the quantity of retail load served by RCEA. Retail load uncertainty results from customer opt-outs, temperature deviation from normal, unforeseen adoption of behind the meter generation by RCEA customers, as well as local, state and national economic conditions. Volume risk is managed by taking steps to:

- Quantify anticipated PG&E generation and PCIA rates, and variability therein;
- Quantify variability in procurement costs;

- Monitor and adjust for non-regulatory factors driving volumetric uncertainty (e.g. weather);
- Adopt a formal procurement strategy;
- Implement a key accounts program and maintain strong relationships with the local community;
- Monitor trends in customer onsite generation, economic shifts, and other factors that affect electricity customer volume and composition;
- Expand the customer base of the CCA into neighboring counties and include direct access loads.

2.3.4 Model Risk

Model risk is the uncertainty of RCEA's financial performance due to potentially inaccurate or incomplete characterization of a transaction or power supply portfolio elements due to fundamental deficiencies in models and/or information systems. Model risk is managed by:

- TEA Risk Management Committee approval, and RCEA RMT ratification of, financial and risk models;
- Ongoing review of model outputs as part of controls framework;
- Ongoing RCEA and TEA staff education and participation in CCA industry forums;
- Ongoing update and improvement of models as additional information and expertise is acquired

2.3.5 Operational Risk

Operational risk is the uncertainty of RCEA's financial performance due to weaknesses in the quality, scope, content, or execution of human resources, technical resources, and/or operating procedures within RCEA. Operational risk can also be exacerbated by fraudulent actions by employees or third parties or inadequate or ineffective controls. Operational risk is managed through:

- The controls set forth in this Policy
- RMT oversight of procurement activity
- Timely and effective management reporting
- Staff resources, expertise and/or training reinforcing a culture of compliance
- Ongoing and timely internal and external audits

2.3.6 Counterparty Credit Risk

Counterparty credit risk is the potential that a Counterparty will fail to perform or meet its obligations in accordance with terms agreed to under contract. RCEA's exposure to counterparty credit risk is controlled by the limit controls set forth in the Credit Policy described in Section 7.

2.3.7 Reputation Risk

Reputation risk is the potential that the CCA's reputation is harmed, causing customers to opt-out of the CCA's service and migrate back to PG&E. Reputational risk is managed through:

- Implementation and adherence to this Energy Risk Management Policy
- Establishment and adherence to industry best practices including both those adopted by other CCAs, as well as those adopted by traditional municipal electric utilities.

2.4 Risk Measurement Methodology

A vital element in RCEA's Energy Risk Management Policy is the regular identification, measurement and communication of risk. To effectively communicate risk, all risk management activities must be monitored on a frequent basis using risk measurement methodologies that quantify the risks associated with RCEA's procurement-related business activities and performance relative to goals.

Risk measurement of RCEA's position will be performed using a method that calculates projected procurement costs on an annual basis at various probabilities and that further provides a comparison of projected RCEA retail rates to those of PG&E. The rate comparison will be adjusted for actual and projected PCIA and Franchise Fee charges. Risk measurement methodologies shall be re-evaluated on a periodic basis to ensure RCEA and TEA adjust their methods to reflect the evolving regulatory and competitive landscape. The implementation of these methods shall be overseen and validated by TEA and ratified by the RMT.

Section 3: BUSINESS PRACTICES

3.1 General Conduct

It is the policy of RCEA that all personnel, including the Board, management, and agents, adhere to standards of integrity, ethics, conflicts of interest, compliance with statutory law and regulations and other applicable RCEA standards of personal conduct while employed by or affiliated with RCEA.

3.2 Trading for Personal Accounts

All RCEA Directors, management, employees and agents participating in any transaction or activity within the coverage of this Policy are obligated to give notice in writing to RCEA of any interest such person has in any counterparty that seeks to do business with RCEA, and to identify any real or potential conflict of interest such person has or may have with regard to any contract or transaction with RCEA. Further all persons are prohibited from personally participating in any transaction or similar activity that is within the coverage of this Policy and that is directly or indirectly related to the trading of electricity and/or environmental attributes as a commodity.

If there is any doubt as to whether a prohibited condition exists, then it is the employee's responsibility to discuss the possible prohibited condition with her/his manager or supervisor.

3.3 Adherence to Statutory Requirements

Compliance is required with rules promulgated by the state of California, California Public Utilities Commission, California Energy Commission, Federal Energy Regulatory Commission (FERC), Commodity Futures Trading Commission (CFTC), and other regulatory agencies.

Congress, FERC and CFTC have enacted laws, regulations and rules that prohibit, among other things, any action or course of conduct that actually or potentially operates as a fraud or deceit upon any person in connection with the purchase or sale of electric energy or transmission services. These laws also prohibit any person or entity from making any untrue statement of fact or omitting to state a material fact where the omission would make a statement misleading. Violation of these laws can lead to both civil and criminal actions against the individual involved, as well as RCEA. This Policy is intended to comply with these laws, regulations and rules and to avoid improper conduct on the part of anyone employed by RCEA. These procedures may be modified from time to time by legal requirements, auditor recommendations, RMT requests and other considerations.

In the event of an investigation or inquiry by a regulatory agency, RCEA will provide legal counsel to employees. However, RCEA will not appoint legal counsel to an employee if RCEA's General Counsel and Executive Director determine that the employee was not acting in good faith within the scope of employment.

RCEA employees are prohibited from working for another power supplier, CCA or utility in a related position while they are simultaneously employed by RCEA unless an exception is authorized by the Board. For clarity, this prohibition is not intended to prevent RCEA staff from performing non-CCA activities on behalf RCEA in the normal course of its business.

3.4 Transaction Type, Regions and Markets

Authorized transaction types, regions and markets are listed in Appendix B to this Policy. These transaction types, regions and markets are and shall continue to be focused on supporting RCEA's financial policies, including approved procurement strategies. New or non-standard transaction types may provide RCEA with additional flexibility and opportunity but may also introduce new risks. Therefore, transaction types, regions and markets not included in Appendix B, or transactions within already approved transaction types that are substantially different from any prior transaction executed by RCEA, must be approved by the RMT prior to execution using the process defined below.

When seeking approval for a new or non-standard transaction type, region, and/or market, a New Transaction Approval Form, as shown in Appendix C, should be drafted describing all significant elements of the proposed transaction. The proposal write-up will be prepared by TEA and should, at a minimum, include:

- A description of the benefit to RCEA, including the purpose, function and expected impact on costs (i.e.; decrease costs, manage volatility, control variances, etc.)
- Identification of the in-house or external expertise that will manage and support the new or non-standard transaction type
- Assessment of the transaction's risks, including any material legal, tax or regulatory issues
- How the exposures to the risks above will be managed by the limit structure
- Proposed valuation methodology (including pricing model, where appropriate)
- Proposed reporting requirements, including any changes to existing procedures and system requirements necessary to support the new transaction type
- Proposed accounting methodology
- Proposed work flows/methodology (including systems)

It is the responsibility of TEA's Middle Office to ensure that relevant departments have reviewed the proposed transaction and that material issues are resolved prior to submittal to the RMT for approval. If approved, Appendix B to the Policy will be updated to reflect the new transaction type.

3.5 Counterparty Suitability

TEA's counterparty credit limits and approval processes will govern counterparty suitability for all transactions executed by TEA on behalf of RCEA. TEA will provide a credit review and recommendation, consistent with the credit policies described in Section 6, for any counterparty with whom RCEA contracts directly.

3.6 System of Record

TEA's Middle Office will maintain a set of records for all transactions executed in association with RCEA procurement activities. The records will be maintained in US dollars and transactions will be separately recorded and categorized by type of transaction. This system of record shall be auditable.

3.7 Transaction Valuation

Transaction valuation and reporting of positions shall be based on objective, market-observed prices. Open positions should be valued (marked-to-market) daily, based on consistent valuation methods and data sources. Whenever possible, mark-to-market valuations should be based on independent, publicly available market information and data sources.

3.8 Stress Testing

In addition to limiting and measuring risk using the methods described herein, stress testing shall also be used to examine performance of the RCEA portfolio under adverse conditions. Stress testing is used to understand the potential variability in RCEA's projected procurement costs, and resulting retail rate impacts and competitive positioning, associated with low probability events. The TEA Middle Office will perform stress-testing of the portfolio on a monthly basis and distribute results.

3.9 Trading Practices

It is the expressed intent of this Policy to prohibit the acquisition of risk beyond that encountered in the efficient optimization of RCEA's generation portfolio and execution of procurement strategies. As such, speculative transactions are prohibited. In the course of developing operating plans and conducting procurement activities, RCEA recognizes that expertise must be employed by TEA staff, and it is not the intent of this Policy to restrain the legitimate application of analysis and market expertise in executing procurement strategies intended to minimize costs within the constraints of this Policy. If any questions arise as to whether a particular transaction constitutes speculation, the RMT shall review the transaction(s) to determine whether the transaction would constitute speculation and document its finding in the meeting minutes.

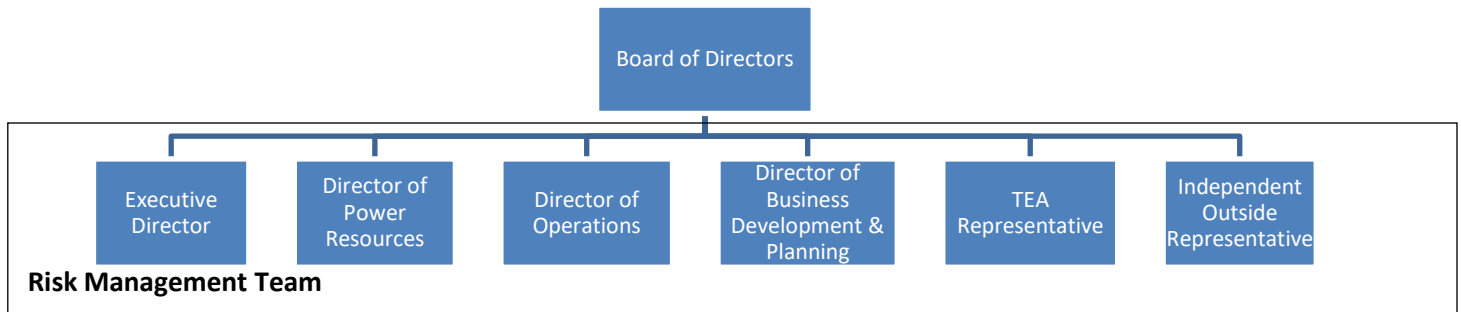
3.10 Policy Compliance

The TEA's Middle Office will provide a daily report monitoring compliance with the limits established by this Policy.

Section 4: ORGANIZATIONAL STRUCTURE AND RESPONSIBILITIES

4.1 Risk Management Organizational Structure

Below is a high-level organization chart describing RCEA's risk management governance.



4.2 Board of Directors

The RCEA Board of Directors has the responsibility to review and approve this Policy. With this approval, the Board assumes responsibility for understanding the risks RCEA is exposed to due to CCA Program activity and how the policies outlined in this document help RCEA manage the associated risks. The Board of Directors is also responsible to:

- Determine RCEA strategic direction
- Understand the procurement strategy employed
- Approve risk exposures beyond the RMT's authority
- Approve voting Members of the RMT

4.3 Risk Management Team (RMT)

The RMT is responsible for implementing, maintaining and overseeing compliance of this Policy. The voting members of the RMT shall be Board-approved RCEA staff members, an independent outside third-party representative, and a representative from TEA. Each voting member will be assigned one vote. The current voting members of the RMT are:

- Executive Director
- Director of Power Resource
- Director of Operations
- Director of Business Development and Planning
- TEA Representative
- Independent Outside Representative

The TEA representative will serve as the RMT Chairperson. The primary goal of the RMT is to ensure that the procurement activities of RCEA are executed within the guidelines of this Policy and are consistent with Board directives. The RMT is also responsible to consider and propose recommendations to this Policy when conditions dictate.

Pursuant to direction from the Board of Directors and the limitations specified by this Policy, the RMT and the Executive Director maintain full authority over all procurement activities for RCEA. This authority includes, but is not limited to, taking any or all actions necessary to ensure compliance with this Policy.

The RMT is responsible for overseeing implementation of this Policy, procurement strategies, and the adoption of new product types. The RMT is also responsible for ensuring procurement strategies are consistent with RCEA's strategic objectives and for reviewing financial results. The RMT shall meet at least quarterly and record business in meeting minutes that will be approved by the RMT. No decision of the RMT is valid unless a majority of voting members has stated approval with a quorum of voting members participating in the vote, including the Executive Director and TEA Representative. All decisions by the RMT, other than those made by common consent, shall be made by simple majority vote of the RMT members with the Executive Director having veto authority.

The RMT maintains the authority and responsibility to:

- Approve and ensure that all procurement strategies are consistent with this Policy;
- Determine if changes in procurement strategies are warranted;
- Approve new transaction types, regions, markets and delivery points ;
- Understand financial and risk models used by TEA;
- Understand counterparty credit review models and methods for setting and monitoring credit limits;
- Receive and review reports as described in this Policy;
- Meet to review actual and projected financial results and potential risks;
- Escalate to the Board of Directors with any risks beyond the RMT's authority;
- Review summaries of limit violations;
- Review the effectiveness of RCEA's energy risk measurement methods;
- Maintain this Policy;
- Monitor regulatory and legislative activities

4.4 Power Manager

The CCA has partnered with TEA as its Power Manager. TEA, as outlined in its Risk Policy, maintains a strong segregation of duties, also referred to as "separation of function" that is fundamental to manage and control the risks outlined in this Policy. The Power Manager will provide education to the RMT on the risk and credit models, methods and processes that it uses to fulfill its obligations under this Policy. Individuals responsible for legally binding the CCA to a transaction will not also perform confirmation, clearance or accounting functions. With this in mind, TEA's responsibilities are divided into front-middle-back office activities, as described below.

4.4.1 Power Manager - Front Office

The Front Office of the Power Manager reports to the Director of Power Resources. The Power Manager's Front Office has overall responsibility for (1) managing all commodity and transmission activities related to procuring and delivering resources needed to serve CCA's

load, (2) the analysis of fundamentals affecting load and supply factors that determine CCA's net position, and (3) transacting within the limits of this Policy, and associated policies, to balance loads and resources, and maximize the value of CCA's assets through the exercise of approved optimization strategies. Other duties associated with these responsibilities include:

- a. Assist in the development and analysis of risk management hedging products and strategies, and bring recommendations to the RMT
- b. Prepare each month a monthly operating plan for the prompt months that gives direction to the day-ahead and real-time trading and scheduling staff regarding the bidding and scheduling of CCA's resource portfolio in the CAISO market
- c. Develop, price and negotiate hedging products
- d. Forecast day-ahead and monitor/ forecast same-day loads
- e. Keep accurate records of all transactions they enter

4.4.2 Power Manager – Middle/Back Office

The Power Manager Middle and Back Offices will report to the Director of Business Development and Planning. The Power Manager Middle Office provides independent market and credit risk oversight. The Power Manager Middle Office is functionally and organizationally separate from the Front Office. The Power Manager Back Office provides support with a wide range of administrative activities necessary to execute and settle transactions and to support the risk control efforts (e.g. transaction entry and/or checking, data collection, billing, etc.) consistent with this Policy. The Power Manager Back Office is functionally and organizationally separate from the Front Office.

The Power Manager's Middle and Back Offices have primary responsibility for trading controls and for ensuring agreement with counterparties regarding the terms of all trades, including forward trading. The Power Manager has the primary responsibility for:

- a. Estimating and publishing daily forward monthly power and natural price curves for a minimum of the balance of the current year through the next calendar year
- b. Calculating and maintaining the net forward power positions of CCA
- c. Ensuring that CCA adheres to all risk policies and procedures of both CCA and the Power Manager in letter and in intent
- d. Maintaining the overall financial security of transactions undertaken by the Power Manager on behalf of CCA
- e. Implementing and enforcing credit policies and limits
- f. Handling confirmation of all power and natural gas trades (physical and financial) and reconciling differences with the trading counterparties
- g. Reviewing trade tickets for adherence to approved limits
- h. Ensuring all trades have been entered into the appropriate system of record
- i. Ensuring that both pre-schedule and actual delivery volumes and prices are entered into the physical database
- j. Carrying out month-end checkout of all physical and financial transactions each month
- k. Reviewing models and methodologies and recommending RMT approval

Section 5: DELEGATION OF AUTHORITY

With the approval of the Policy, the RCEA Board is explicitly delegating operational control and oversight to the RMT and Power Manager, as outlined through this Policy. Specifically, to facilitate daily operations of the CCA, the Board is delegating transaction execution authorities shown in the table below.

Position	Maturity Limit	Term Limit	Volume Limit (MWh) ¹	Value Limit ²
Risk Management Team	30 Months	24 Months	500,000	\$2,000,000
Executive Director	24 Months	18 Months	375,000	\$1,000,000
TEA	18 months	12 Months	250,000	\$500,000

¹Volume limit applies only to energy purchases.

²Value limits apply to non-energy product transactions (e.g., Resource Adequacy and Renewable Energy Credits).

These authorities will be applied to wholesale power activity executed outside of the California Independent System Operator (“CAISO”) markets. These limits provide both RCEA and TEA needed authorities to manage risks as they arise. Transactions falling outside the delegations above require Board approval prior to execution. Activity with CAISO is excluded from this table due to the nature of the market, where prices for activity may not be known until after transactions are committed.

All procurement executed under the delegation above, must align with the RCEA’s underlying risk exposure (locational and temporal) that is being hedged consistent with the approved Procurement Strategy.

5.2 Monitoring, Reporting and Instances of Exceeding Risk Limits

The TEA Middle Office is responsible for monitoring, and reporting compliance with, all limits within this Policy. If a limit or control is violated, the TEA Middle Office will send notification to the trader responsible for the violation and the RMT. The RMT will discuss the cause and potential remediation of the exceedance to determine next steps for curing the exceedance.

Section 6: CREDIT POLICY

During startup of the CCA, it is expected that transactions will be executed by TEA on TEA agreements, and with this activity RCEA is exposed to pass-through credit risk. As the CCA builds its own counterparty master trading agreements, transactions executed on CCA agreements will carry direct credit risk. For activity on TEA and/or CCA agreements, RCEA will adopt a scaling methodology to adjust TEA's credit limits to RCEA's risk tolerance. For scaling with RCEA counterparties, where an agreement exists between RCEA and an entity, the RMT will approve changes to credit limits, otherwise TEA will automatically scale the TEA limit to the RCEA risk tolerance.

All procurement activities executed by TEA on behalf of RCEA, using TEA's counterparty agreements, will be subject to the credit policies and procedures outlined in TEA's Energy Risk Management Policy. TEA's credit policy requires that all Counterparties be evaluated for creditworthiness by the TEA Middle Office prior to execution of any transaction and no less than annually thereafter. Additionally, Counterparties shall be reviewed if a change has occurred, or perceived to have occurred, in market conditions or in a company's management or financial condition. This evaluation, including any recommended increase or decrease to a credit limit, shall be documented in writing and includes all information supporting such evaluation in a credit file for the counterparty. A credit limit for a Counterparty will not be recommended, or approved without first confirming the Counterparty's senior unsecured or corporate credit rating from one of the nationally recognized rating agencies and/or performing a credit review or analysis of the Counterparty's or guarantor's financial statements. The TEA credit analysis shall include, at a minimum, current audited financial statements or other supplementary data that indicates financial strength commensurate with an investment grade rating. Trade and banking references, and any other pertinent information, may also be used in the review process.

Counterparties that do not qualify for a Credit Limit must post an acceptable form of credit support or Prepayment prior to the execution of any transaction. A Counterparty may choose to provide a guarantee from a third party, provided the third party satisfies the criteria for a Credit Limit as outlined in TEA's Energy Risk Management Policy.

6.1 Credit Limit and Monitoring

In executing transactions on RCEA's behalf, TEA will observe a pass-through counterparty credit maximum limit equal to \$1.0 million.

The TEA Middle Office will establish continuous monitoring of the current credit exposure for each Counterparty with whom TEA transacts on behalf of RCEA and include such information in the Current Counterparty Credit Risk Report. This report will be made available, reviewed and communicated to the RMT pursuant to the reporting requirements outlined in Section 7.

Section 7: POSITION TRACKING AND MANAGEMENT REPORTING

Minimum reporting requirements are shown below. The reports outlined below will be made available to RMT members and TEA staff:

- **Daily Financial Model Forecast**

Latest projected financial performance, marked to current market prices, and shown relative to financial goals.

- **Monthly Net Position Report**

Prepare a forward net position report, not less frequently than monthly, and report the results to the RMT.

- **Monthly Pass-through Counterparty Credit Exposure**

This report will show how the credit exposures for transactions that TEA executes on behalf of RCEA will pass-through TEA to RCEA.

- **Monthly Risk Analysis**

This will include a Cash Flow at Risk and stress test of financial forecast relative to financial goals.

- **Quarterly Board Report**

Update on activities and projected financial performance to be presented quarterly at RCEA Board meetings.

Section 8: POLICY REVISION PROCESS

RCEA's Energy Risk Management Policy will evolve over time as market and business factors change. At least on an annual basis, the RMT will review this Policy and associated procedures to determine if they should be amended, supplemented, or updated to account for changing business and/or regulatory requirements. If an amendment is warranted, the Policy amendment will be submitted to the RCEA Board for approval. Changes to appendices to this Policy may be approved and implemented by the RMT.

8.1 Acknowledgement of Policy

Any RCEA employee participating in any activity or transaction within the scope of this Policy shall sign, on an annual basis or upon any revision, a statement approved by the RMT that such employee has:

- Read RCEA's Energy Risk Management Policy
- Understands the terms and agreements of said Policy
- Will comply with said Policy
- Understands that any violation of said Policy shall be subject to employee discipline up to and including termination of employment.

8.2 Policy Interpretations

Questions about the interpretation of any matters of this Policy should be referred to the RMT.

All legal matters stemming from this Policy will be referred to General Counsel.

Appendix A: AUTHORIZED TRANSACTION TYPES, REGIONS AND MARKETS

All transaction types listed below must be executed within the limits set forth in this Policy. *(The following transaction types can be 'nonstandard' at RCEA subject to RMT approval)*

Over the Counter Products

- CAISO Market Products
 - Day-ahead and Real-time Energy
 - Congestion Revenue Rights
 - Convergence
 - Inter Scheduling Coordinator Transactions
 - Tagging into and out of CAISO
- Physical Power Products
 - Short and Long-Term Power and Natural Gas
 - Physical OTC Options
- Physical Resource Adequacy Capacity
- Physical Environmental Products
 - Renewable Energy Credits
 - Specified Source Power
 - Carbon Allowances and Obligations
- Financial Power and Natural Gas
 - Short and Long-Term Swaps
 - Options on Swaps

The point of delivery for all products must be at a location on the CAISO transmission grid.

Appendix B: NEW TRANSACTION APPROVAL FORM

New or Non-Standard Transaction Approval Form

Prepared By:

Date:

New or Non-Standard Transaction Name:

Business Rationale and Risk Assessment:

- Product description – including the purpose, function, expected impact on net revenues (i.e. increase, manage volatility, control variances, etc.) and/or benefit to RCEA
- Identification of the in-house or external expertise that will be relied upon to manage and support the new or non-standard transaction
- Assessment of the transaction's risks, including any material legal, tax or regulatory issues
- How the exposures to the risks above will be managed by the limit structure
- Proposed valuation methodology (including pricing model, where appropriate)
- Proposed reporting requirements, including any changes to existing procedures and system requirements necessary to support the new product
- Proposed accounting methodology
- Proposed Middle Office work flows/methodology, including systems
- Brief description of the responsibilities of various departments within RCEA who will have any manner of contact with the new or non-standard transaction

Reviewed by:

Director of Power Resources

Date

Director of Business Development and Planning

Date

TEA Representative

Date

Executive Director

Date

Appendix C: DEFINITIONS

[TBD]

[Terms in Appendix A]

Cash Flow at Risk:

CAISO:

CCA:

CFTC:

Clearance (power management):

Commodity (section 3.2):

Confirmation (power management):

Congestion Revenue Right:

Counterparty credit risk:

Day-ahead:

Delivery point:

Departing load:

FERC:

Franchise Fee:

Hedging products:

IOU: Investor Owned Utility

Limit structure:

Limit violation:

Market:

Net forward:

Nonstandard:

Opt-out:

PCIA: Power Cost Indifference Adjustment.

Power Manager:

Power procurement:

Pre-schedule:

Region:

Retail load:

RMT: Risk Management Team

Separation of function:

Settlement:

Speculation:

Stranded cost:

Stress testing:

TEA: The Energy Authority

Trade ticket:

Transaction type:

Valuation methodology: