



MARIN COUNTY | NAPA COUNTY | UNINCORPORATED CONTRA COSTA COUNTY
BENICIA | CONCORD | DANVILLE | EL CERRITO | LAFAYETTE | MARTINEZ | MORAGA
OAKLEY | PINOLE | PITTSBURG | RICHMOND | SAN PABLO | SAN RAMON | WALNUT CREEK

Board of Directors Meeting
Thursday, March 15, 2018
7:00 P.M.

One Concord Center
2300 Clayton Road, Suite 650
Concord, CA 94520

Remote Location:

MCE Charles F. McGlashan Board Room, 1125 Tamalpais Avenue, San Rafael, CA 94901

Agenda Page 1 of 3

1. Board Announcements (Discussion)
2. Public Open Time (Discussion)
3. Report from Chief Executive Officer (Discussion)
4. Consent Calendar (Discussion/Action)
 - C.1 Approval of 2.15.18 Meeting Minutes
 - C.2 Approved Contracts Update
 - C.3 Tenth Agreement with Maher Accountancy
 - C.4 First Amendment to the Fifth Agreement with Community Media Center of Marin
 - C.5 Second Agreement with Loud & Clear Audio Visual
 - C.6 Sixth Addendum for Data Manager Services to Master Professional Services Agreement between Calpine Energy Solutions (formerly Noble Americas Energy Solutions LLC) and Marin Clean Energy (formerly Marin Energy Authority)



Agenda material can be inspected at 1125 Tamalpais Avenue, San Rafael, CA 94901 on the Mission Avenue side of the building. The meeting facilities are in accessible locations. If you are a person with a disability and require this document in an alternate format (example: Braille, Large Print, Audiotape, CD-ROM), you may request it by using the contact information below. If you require accommodation (example: ASL Interpreter, reader, note taker) to participate in any MCE program, service or activity, you may request an accommodation by calling (415) 464-6032 (voice) or 711 for the California Relay Service or by e-mail at djackson@mceCleanEnergy.org not less than **four work days** in advance of the event.



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- C.7 AT&T Agreements for Internet Services for Concord and San Rafael Offices
- 5. New Residential Time-of-Use Rate (Discussion/Action)
- 6. Updating Procurement Authorities (Discussion/Action)
 - a. Adopting Resolution No. 2018-03 Rescinding Resolution No. 2017-02 and Delegating Energy Procurement Authority
 - b. Adopting Resolution No. 2018-04 Designating the Chief Executive Officer as Purchasing Agent Pursuant to Government Code 25500 and Delegating Purchasing Agent Authority
- 7. Proposed Amendment to MCE Policy 013: Reserve Policy (Discussion/Action)



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8. Proposed Amendment to MCE Policy No. 005 - Risk Management Procedures and Controls for Transactions in the California Independent System Operator Markets (Discussion/Action)
9. New Board Member Additions to Committees (Discussion/Action)
10. Streamlining Public Works Contracting (Discussion/Action)
 - a. Second Reading and Adoption of Ordinance No. 2018-01 Establishing Informal Bidding Procedures under the Uniform Public Cost Accounting Act
11. Policy Update on Regulatory and Legislative Items (Discussion)
12. Board Member & Staff Matters (Discussion)
13. Adjourn



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February 2, 2018

Dawn Weisz, CEO
Marin Clean Energy
1125 Tamalpais Ave
San Rafael, CA 94901

Dear Dawn:

We are writing as members of Marin Conservation League's (MCL's) Climate Action Working Group (CAWG). MCL has worked since 1934 to protect and enhance the environment of Marin. The CAWG is an MCL committee that is composed of environmental leaders representing many organizations from across Marin County focused on greenhouse gas emissions reduction, carbon sequestration and climate change adaptation.

MCL supported the establishment of MCE and we consider it to be a great success, having already had a substantial impact on reducing GHG emissions from electricity consumed in Marin.

Despite these gains, we must always seek to do more at the local level and do it even faster due to the continuing rise of greenhouse gas levels in the atmosphere. The members of MCL's Climate Action Working Group urge MCE to continue its efforts and to continue re-examining its options and priorities toward the goal of GHG reduction.

Thus with a sense of urgency, the CAWG has some questions for MCE:

1. Speeding GHG reduction: A goal of MCE is to make its Light Green default product 100% renewable and 100% GHG free by 2025.
 - a. What are the primary obstacles that MCE faces in reaching 100% GHG free and 100% renewable energy goals more quickly?
 - b. What trade-offs would have to be made to reach these targets before 2025?
 - c. What support will MCE offer for local distributed generation of clean energy?
 - d. As Light Green approaches 100%, has MCE considered reducing the \$0.01 premium to preserve motivation for Deep Green?
 - e. What rate of increased Deep Green enlistment would be ideal and feasible?

2. Making the Switch: What plans does MCE have to encourage its customers to replace fossil fuel furnaces, water heaters, appliances and cars with electric models? How much priority does MCE place in this work, and have timing goals been set?
 - a. Since well over half the GHGs produced in MCE's territory are from transportation, and the Governor wants five million zero-emission vehicles on the road by 2030, we look to



MCE to develop programs to promote electric vehicles (EVs) and charging infrastructure. What are the primary obstacles and trade-offs to MCE in promoting and enabling the use of EVs? What are MCE's plans to work with the State, PG&E and other bodies to promote EVs?

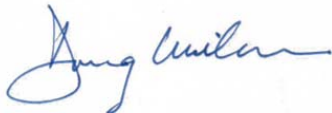
- b. Is enough priority being placed on encouraging customers to switch furnaces, water heaters and appliances from fossil fuels to electric?
 - c. How does MCE plan to expand its work in energy efficiency? What are the primary obstacles here? What realistic metrics is MCE using to gauge the effectiveness of efficiency programs?
3. Public Advisory Body: MCE provides information to the community through multiple channels such as its newsletter and Facebook. However it doesn't have a robust mechanism for coordinating GHG reduction efforts with other community organizations and major public facilities such as schools, water, wastewater, transportation, local business organizations, and community groups. With the goal of furthering two-way communication and collaboration, has MCE considered forming a MCE territory-wide public advisory body or committee to provide feedback to MCE before or after policies are developed? Has the concept of a series of charrettes been considered with other North Bay agencies to further interagency coordination for GHG reduction, climate adaptation and community engagement?

We commend MCE for its work to date and are confident in its future success. We realize the answers to each of these questions is complex, yet we believe it is urgent that we act as rapidly and as effectively as we can in the face of a changing climate.

Note: Please forward this letter to MCE Board Chair Kathrin Sears, Vice Chair Tom Butt, and Members Athas, Baily, Birsan, Blackwell, Coler, Cruz, Glover, Greene, Haroff, Higgins, Longmire, Lyman, McCaskill, McCollough, McEntee, O'Donnell, Perkins, Russell, Schroder, Schwartzmann, Swearingen, Trotter, Wagenknecht, Wilk, and Withy.

Thank you for your attention and we look forward to your response.

Sincerely,



Doug Wilson, MCL CAWG Co-Chair



Pamela Reaves, MCL CAWG Co-Chair



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March 8, 2018

Marin Conservation League
175 N. Redwood Drive, Suite 135
San Rafael, CA 94903

Dear Doug and Pamela,

On behalf of MCE, I'd like to extend our sincere appreciation to the Marin Conservation League for your outstanding advocacy and community engagement in support of preserving, protecting, and enhancing Marin County's natural resources – especially in relation to climate change and energy. Thank you for helping MCE to further its mission, which is so well-aligned with your own. We're especially grateful for your ongoing engagement with our staff to help develop and improve our programs, and for your promotion and support of Deep Green.

Please see below for responses to questions and comments (bold) submitted in your letter to MCE dated February 2, 2018.

1. **Speeding GHG reduction: A goal of MCE is to make its Light Green default product 100% renewable and 100% GHG-free by 2025.**
 - a. **What are the primary obstacles that MCE faces in reaching 100% GHG-free and 100% renewable energy goals more quickly?**

It should be noted that MCE's target for Light Green is to be 80% renewable and 100% GHG-free by 2025. Three primary drivers – transmission constraints, reliability issues, and costs – constrain MCE's ability to reach this target more quickly, as outlined below.

Transmission Constraints

The most economical source of carbon-free or GHG-free energy is Pacific Northwest large hydropower. However, the major inter-state transmission lines currently have very limited available transmission capacity and MCE only has access to 25 to 50 MW of this capacity. To reach 100% GHG-free, MCE needs access to 150 MW or more of this capacity. Building or buying transmission is far more expensive and would require a 10 to 15 year lead time.

Reliability Issues

For the foreseeable future, conventional power supply will be required to ensure supply of electrons when renewable energy is not generating. Even if battery storage becomes an economic option, the grid still needs mechanical machines to "push" electrons towards load. Electricity flows in a similar fashion to water and needs to be "pumped" to the far end of transmission lines. Geothermal, landfill gas and wind are the best renewable substitutes to provide this

mechanical force on the grid. MCE is actively pursuing new wind resources since they are the most economical of these options, but they have 3 to 5 year development cycles. Both geothermal and landfill gas are typically 2 to 3 times the price of new solar generation and, in order to keep rates competitive, need to be a smaller part of MCE's power supply.

Costs

The issues described above can be overcome, but at a significant financial cost. There are several California power market design issues that negatively impact increased renewable energy penetration such as negative CAISO prices in periods of over-generation. In many hours of the year, renewable generators and MCE have to pay CAISO for delivering energy to the grid rather than being paid for the energy.

b. What trade-offs would have to be made to reach these targets before 2025?

Focusing more on carbon-free content and less on renewable content allows MCE to keep rates competitive. Alternatively, MCE would need to increase its budget (through increased rates) to pay for more transmission access, subsidized battery storage, and/or higher renewable content. Increased customer rates would likely result in lower customer participation and inequitable access for low- or fixed-income customers. MCE could also increase its budget by reducing credits and payouts to customers with rooftop solar.

c. What support will MCE offer for local distributed generation of clean energy?

MCE continues to offer one of the most generous Net Energy Metering tariffs and the most generous Feed-In Tariffs (FIT) in California to incentivize local distributed generation. Prior to MCE, Marin County hosted a single 85 kW dairy gas generation project. Today MCE programs have brought more than 20 MW of local projects online with another 10 MW in development. Staff is actively assisting local project developers with siting, permitting and interconnections for additional local renewable projects.

Distribution system upgrades are needed to allow for even more local renewable energy projects. With a cost of over \$1 million per mile for reconductoring existing PG&E distribution lines, it is not economic for single 1 MW FIT projects so MCE is expanding its FIT to allow up to 5 MW per project and requesting local developments of up to 20 MW. This allows the cost of interconnection upgrades to be spread over larger projects.

d. As Light Green approaches 100%, has MCE considered reducing the \$0.01 premium to preserve motivation for Deep Green?

The Light Green target is 80% renewable for 2025. MCE is actively seeking to add additional value to the Deep Green option. We recently switched to 100% in-state renewables from out-of-state content. MCE may add other benefits over

time to further differentiate the 100% Deep Green service option from the Light Green option.

Because the Deep Green program does incur additional costs for administration, Green-e certification, and the cost of additional renewable energy, MCE expects it to remain a premium product.

The recently completed 10.5 MW MCE Solar One project is a direct result of the Deep Green revenues being used to support and accelerate local renewable and GHG-free projects.

e. What rate of increased Deep Green enlistment would be ideal and feasible?

MCE can accommodate new Deep Green participants as fast as they can be enrolled. For example, Deep Green load increased by 100% over 12 months.

2. Making the Switch: What plans does MCE have to encourage its customers to replace fossil fuel furnaces, water heaters, appliances and cars with electric models? How much priority does MCE place in this work, and have timing goals been set?

Electrification of the building and transportation sector is highly aligned with MCE's mission. MCE currently has two electrification programs in development or in place. MCE's electric vehicle (EV) and EV charging station incentive program will provide funds for the installation of chargers. The elements of this program are in development but we expect it to run for the next three years. MCE's focus on fuel switching extends into our existing energy efficiency work as well. MCE currently operates an incentive program for heat pump, water and space heaters for low-income multifamily properties aims to serve 215 units with heat pumps over the next 2 years.

a. Since well over half the GHGs produced in MCE's territory are from transportation, and the Governor wants five million zero-emission vehicles on the road by 2030, we look to MCE to develop programs to promote electric vehicles (EVs) and charging infrastructure. What are the primary obstacles and trade-offs to MCE in promoting and enabling the use of EVs? What are MCE's plans to work with the State, PG&E and other bodies to promote EVs?

MCE's is undertaking an EV program that will partner with PG&E to provide the funds for charger heads at properties where PG&E is paying for the infrastructure build out. The PG&E program is limited to properties that can support 10 or more charger heads. MCE is currently working on a program design to provide incentives to smaller sites and sites that do not qualify for the PG&E programs.

Currently, the charging patterns for EVs result in most charging occurring in the evening hours, when solar energy is no longer available, and when there is resulting large demand on the grid. This is the time of day when fossil resources are most likely to be needed. For this reason, MCE's program is focused on

encouraging day-time charging to align with the hours that our solar resources are generating. Any MCE engagement in the residential EV charging space will likely include some technology or incentives to help customers avoid charging between 5:00 and 9:00 pm.

Identified barriers or risks to the MCE EV program include local ordinances and permitting processes that are not streamlined, and ensuring that charger heads are installed in locations where they will be used. We expect that this first year of program implementation will also be a learning opportunity for some of the other barriers that may exist and that we may need to adapt our program design accordingly.

b. Is enough priority being placed on encouraging customers to switch furnaces, water heaters and appliances from fossil fuels to electric?

MCE has significantly increased our investment in electrification programs in the past year. We are also participating in policy advocacy efforts to reduce barriers to the growth of these programs. We will be conducting significant measurement and verification (M&V) on our current programs to contribute data to the larger effort to reduce those regulatory and legislative barriers. We see fuel switching as an ongoing component of our energy efficiency programs.

c. How does MCE plan to expand its work in energy efficiency? What are the primary obstacles here? What realistic metrics is MCE using to gauge the effectiveness of efficiency programs?

MCE has filed an application with the CPUC to expand our energy efficiency programs. We would like to expand to sectors that we currently do not serve, including single family, large commercial, industrial and agriculture. We would also like to create more comprehensive offerings in the sectors we do serve and have the capacity to refer participating customers to other resource conservation programs. The proposal, if approved in full, represents an almost 6-fold increase in MCE's energy efficiency program. The primary obstacles include a lengthy approval process at the CPUC, and a requirement for MCE to be cost effective in our energy efficiency program administration, which limits our ability to work with historically underserved populations. MCE considers a wide range of metrics in measuring the value of our energy efficiency programs, including environmental benefits, impact to MCE operations, and community and customer benefits. Our evaluation matrix is provided as an attachment.

3. Public Advisory Body: MCE provides information to the community through multiple channels such as its newsletter and Facebook. However it doesn't have a robust mechanism for coordinating GHG reduction efforts with other community organizations and major public facilities such as schools, water, wastewater, transportation, local business organizations, and community groups. With the goal of furthering two-way communication and collaboration, has MCE considered forming a MCE territory-wide public advisory body or committee to provide feedback to MCE before or after policies are developed? Has the concept of a series of charrettes been considered with other North Bay agencies to further

interagency coordination for GHG reduction, climate adaptation and community engagement?


MCE has three standing public meetings where all policies and programs are discussed in public. MCE's Executive and Technical Committees meet on the first Thursday and Friday of the month. MCE has its monthly Board meetings on the third Thursday of the month. MCE provides opportunity for the public to sign up to receive Board packet material to review prior to the meeting and to also voice their comments and concerns related to these policies during public comment.

MCE is also proud to model additional forms of community engagement through the Community Power Coalition. Established in 2014, Community Power has grown from seven organizations in 2015 to thirty in 2018. Participating members receive bi-monthly updates on the California energy landscape, developments to MCE policies and programs, as well as the opportunity to co-create community initiatives and provide feedback on MCE's efforts. Membership is offered to any formalized body operating with MCE's 33 member community network (e.g., local government, nonprofits, public facilities).

MCE has experienced a successful collaboration with the Marin Climate & Energy Partnership where leading municipal sustainability staff as well as the major Marin public agencies (TAM, MCE, Marin GSA) discuss local climate action initiatives and share best practices. MCE has productive relationships with other entities which focus on climate efforts in Napa County as well as developing more structured relationships with leading climate groups in Contra Costa County. In terms of collaborating across MCE's entire service area as well as in the North Bay, MCE is open to further communication and coordination with North Bay agencies.

We look forward to continuing to partner and work together.

Sincerely,

A handwritten signature in blue ink that reads "Dawn Weisz". The signature is fluid and cursive, with a long, sweeping tail on the "z".

Dawn Weisz
CEO



March 15, 2018

TO: MCE Board of Directors

FROM: Justine Parmelee, Internal Operations Manager

RE: AT&T Agreements for Internet Services for Concord and San Rafael Offices
(Agenda Item #04-C.7)

ATTACHMENTS: A. Proposed AT&T Agreement for Internet Services for Concord Office
B. Proposed AT&T Agreement for Internet Services for San Rafael Office
C. Proposed AT&T Agreement for Dedicated Point-to-Point Connection
between the San Rafael and Concord Offices

Dear Board of Directors,

SUMMARY:

MCE will soon be opening its Concord office. During the transition process, members of MCE's Community Development team have been working out of a temporary office to better serve MCE's new Contra Costa communities during the enrollment period. Staff has set up a basic internet and network connection option that works for the interim but is not ideal: the internet connection is via DSL, an older and slower technology that relies solely on copper phone lines, and the network connection is via virtual private network (VPN), which limits the number of users that can access our server at any given time. This solution also has the negative effect of cutting off Concord staff's access to the server in the event of an internet outage in San Rafael. Given these concerns, staff researched a variety of internet providers and options to provide the best connection and the most affordable prices.

Staff recommends contracting with AT&T fiber internet for both the Concord and San Rafael offices. AT&T's fiber internet would provide 100mbps symmetrical upload and download speeds at each site, with the flexibility to adjust those needs as staff grows. In the Concord office building, AT&T fiber is already wired and deployment could be completed with a turnaround of 10 business days. In San Rafael, fiber installation could be completed with a turnaround of 30 business days. Staff examined different pricing schedules and determined that a 36-month term would provide the lowest cost-per-month solution. For each site, the cost of the agreement for MCE's desired bandwidth and router fees would be \$915 per month, or \$32,940 over the 36-month term.

In addition to the AT&T fiber internet agreements for both the Concord and San Rafael offices, staff recommends establishing a point-to-point connection between the two sites. Point-to-point

is a dedicated network connection provided by AT&T that uses their network infrastructure to provide a secure, private link between the two offices. This type of connection does not require a VPN end point at each site and does not impact internet bandwidth, providing for better connection speeds and security when sharing data and information across MCE offices. The cost of the point-to-point agreement would be \$1191 per month, or \$42,842 over the 36-month term.

To facilitate the timely opening of MCE's Concord office, and to ensure it is operational with adequate tools and infrastructure, staff is requesting that your Board authorize MCE's CEO to finalize and execute the attached proposed agreements.

Fiscal Impact: Expenditures for FY 2018/19 related to the proposed Agreements are included in the FY 2018/19 Operating Fund Budget. Expenditures for FY 2019/20 will be incorporated into the next fiscal year budget.

Recommendation: Authorize MCE's CEO to finalize and execute the proposed AT&T Agreements for Internet Services for the Concord and San Rafael Offices, and for Dedicated Point-to-Point Connection between the Offices, for a total cost not to exceed \$108,722.



AT&T MA Reference No. eMSA UA III
 AT&T Contract ID MIS3557719

**AT&T DEDICATED INTERNET
 PRICING SCHEDULE**

| | |
|---|---|
| Customer | AT&T |
| Marin Energy Authority Street Address: 1125 TAMALPAIS AVE City: SAN RAFAEL State/Province: CA Zip Code: 94901-3221 Country: US | AT&T Corp. |
| Customer Contact (for Notices) | AT&T Contact (for Notices) |
| Name: JUSTINE PARMELEE Title: Manager Street Address: 1125 TAMALPAIS AVE City: SAN RAFAEL State/Province: CA Zip Code: 94901-3221 Country: US Telephone: 415-464-6013 Email: JPARMELEE@MCECLEANENERGY.ORG | Name: JOSE REYES Street Address: 430 BUSH ST City: SAN FRANCISCO State/Province: CA Zip Code: 94108 Country: US Telephone: 415-203-7217 Fax: Email: jr4434@us.att.com Sales/Branch Manager: COTTON SCVP Name: HILARY NAVONE Sales Strata: Retail Sales Region: USA With a copy (for Notices) to: AT&T Corp. One AT&T Way Bedminster, NJ 07921-0752 ATTN: Master Agreement Support Team Email: mast@att.com |
| AT&T Solution Provider or Representative Information (if applicable) <input type="checkbox"/> | |
| Name: Company Name: Agent Street Address: City: State: Zip Code: Country: Telephone: Fax: Email: Agent Code: | |

This Pricing Schedule is part of the Agreement between AT&T and Customer referenced above.

| | |
|---|---|
| Customer (by its authorized representative) | AT&T (by its authorized representative) |
| By: _____ | By: _____ |
| Name: _____ | Name: _____ |
| Title: _____ | Title: _____ |
| Date: _____ | Date: _____ |

Signature Not Required on this Page - Refer to Customer Signature Page Contract ID 8704158



AT&T DEDICATED INTERNET PRICING SCHEDULE

1. SERVICES

| Service | Service Publication Location |
|--------------------------------------|---|
| AT&T Dedicated Internet (ADI) | http://serviceguidenew.att.com/sg_flashPlayerPage/MIS (see ADI Express) |
| AT&T Bandwidth Services | http://serviceguidenew.att.com/sg_flashPlayerPage/BWS |
| AT&T Cloud Web Security Service | http://serviceguidenew.att.com/sg_flashPlayerPage/cwss |
| AT&T Wi-Fi Enterprise | http://serviceguidenew.att.com/sg_flashPlayerPage/AWS |
| AT&T Distributed Denial of Service | http://serviceguidenew.att.com/sg_flashPlayerPage/SNG |
| AT&T Premises Based Firewall Service | http://serviceguidenew.att.com/sg_flashPlayerPage/MSS |
| AT&T Collaborate™ | http://serviceguidenew.att.com/sg_flashPlayerPage/COLLAB |

2. PRICING SCHEDULE TERM AND EFFECTIVE DATES

| | |
|--|---|
| Pricing Schedule Term | 36 months |
| Pricing Schedule Term Start Date | Effective Date of this Pricing Schedule |
| Effective Date of Rates and Discounts | Effective Date of this Pricing Schedule |

3. MINIMUM PAYMENT PERIOD

| Service Components | Percent of Monthly Service Fees Due Upon Termination Prior to Completion of Minimum Payment Period | Minimum Payment Period per Service Component |
|------------------------|--|---|
| All Service Components | 50% | Longer of 12 months or until the end of the Pricing Schedule Term |
| Per site† | \$250* | Longer of 12 Months or until the end of Pricing Schedule Term |

†Applies to AT&T Collaborate only.
*This charge applies in lieu of the applicable percentage set forth for termination charges in the Master Agreement.

4. GRANDFATHERING AND WITHDRAWAL

Availability of Service Components is subject to grandfathering and withdrawal per the Service Guide.

5. RATES

Section I: AT&T Dedicated Internet

Table 1: ADI Self – Installation

Discount: 100%

| ADI Speed | Undiscounted ADI | Undiscounted ADI w/ Managed Router | Undiscounted ADI w/ Virtual Router |
|-----------|------------------|------------------------------------|------------------------------------|
| Ethernet | \$1,500 | \$1,500.00** | \$0.00 |

**Pricing available for ADI speeds of 100 Mbps and below and with electrical interfaces only.

AT&T and Customer Confidential Information

Page 2 of 6

**AT&T DEDICATED INTERNET
PRICING SCHEDULE****Table 2: On-Site Installation**

Discount: 50%

| ADI Speed | Undiscounted ADI w/ Managed Router Only |
|-----------|---|
| Ethernet | \$1,500.00 |

Table 3: Flat Rate and Flexible Bandwidth Billing Option – Ethernet (2 Mbps to 1 Gbps) - Group 1, 2, and 3

Available bandwidth levels are subject to qualification at time of each order and may vary for ADI ports/access ordered with or without the ADI on Demand option

| Bandwidth | Discounted Ethernet Access Monthly Fee Group 1 | Discounted Ethernet Access Monthly Fee Group 2 | Discounted Ethernet Access Monthly Fee Group 3 | Minimum Bandwidth Commitment | | Undiscounted Incremental Usage Fee Per Mbps |
|------------------|--|--|--|---|---|---|
| | | | | Undiscounted ADI w/ Customer Router Monthly Fee | Undiscounted ADI w/ AT&T Managed Router Monthly Fee | |
| 2 Mbps | \$400.00 | \$500.55 | \$603.64 | \$260.00 | \$388.00 | \$355.00 |
| 4 Mbps | \$400.00 | \$500.55 | \$603.64 | \$262.00 | \$390.00 | \$325.00 |
| 5 Mbps | \$400.00 | \$500.55 | \$603.64 | \$263.00 | \$391.00 | \$270.00 |
| 8 Mbps | \$400.00 | \$500.55 | \$603.64 | \$266.00 | \$394.00 | \$235.00 |
| 10 Mbps | \$400.00 | \$500.55 | \$603.64 | \$268.00 | \$396.00 | \$198.00 |
| 20 Mbps | \$420.00 | \$643.26 | \$712.23 | \$449.00 | \$577.00 | \$144.25 |
| 50 Mbps | \$524.00 | \$805.14 | \$891.09 | \$813.00 | \$955.00 | \$95.50 |
| 100 Mbps | \$604.00 | \$1,015.30 | \$1,155.25 | \$1,400.00 | \$1,555.00 | \$77.75 |
| 150 Mbps | \$610.00 | \$1,199.90 | \$1,376.75 | \$1,800.00 | \$1,965.00 | \$65.50 |
| 250 Mbps | \$900.00 | \$1,667.08 | \$1,868.68 | \$2,150.00 | \$2,240.00 | \$44.80 |
| 400 Mbps | \$1,100.00 | \$2,159.82 | \$2,464.02 | \$2,700.00 | \$3,380.00 | \$42.25 |
| 500 Mbps | \$1,100.00 | \$2,533.28 | \$2,922.53 | \$3,500.00 | \$4,325.00 | \$43.25 |
| 600 Mbps | \$1,100.00 | \$2,815.86 | \$3,251.46 | \$4,096.00 | \$4,840.00 | \$40.33 |
| 1000 Mbps | \$1,400.00 | \$2,999.75 | \$3,505.55 | \$4,505.00 | \$5,620.00 | \$28.10 |
| Discount: | | | | 80% | 80% | 80% |

Table 4: Flexible Bandwidth Billing Option – Ethernet (2 Gbps to 10 Gbps) – Group 1, 2, 3, and 4

Available bandwidth levels are subject to qualification at time of each order and may vary for ADI ports/access ordered with or without the ADI on Demand option.

| Bandwidth | 10 Gbps Discounted Ethernet Access Monthly Fee Group 1 | 10 Gbps Discounted Ethernet Access Monthly Fee Group 2 | 10 Gbps Discounted Ethernet Access Monthly Fee Group 3 | 10 Gbps Discounted Ethernet Access Monthly Fee Group 4 | Minimum Bandwidth Commitment | | Undiscounted Incremental Usage Fee Per Mbps |
|------------------|--|--|--|--|---|---|---|
| | | | | | Undiscounted ADI w/ Customer Router Monthly Fee | Undiscounted ADI w/ AT&T Managed Router Monthly Fee | |
| 2 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$9,091.00 | \$12,276.00 | \$30.69 |
| 3 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$13,309.00 | \$17,981.00 | \$29.97 |
| 4 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$16,015.00 | \$21,591.00 | \$26.99 |
| 5 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$18,196.00 | \$24,553.00 | \$24.55 |
| 6 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$21,309.00 | \$28,768.00 | \$23.97 |
| 7 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$24,218.00 | \$32,727.00 | \$23.38 |
| 8 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$26,953.00 | \$36,387.00 | \$22.74 |
| 9 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$28,931.00 | \$39,069.00 | \$21.71 |
| 10 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$30,909.00 | \$41,716.00 | \$20.86 |
| Discount: | | | | | 80% | 80% | 80% |

AT&T and Customer Confidential Information

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**AT&T DEDICATED INTERNET
PRICING SCHEDULE****Table 5: Flat Rate and Usage Based Billing Option – Ethernet (20 Gbps to 100 Gbps) – Group 1 and 4**

Available bandwidth levels are subject to qualification at time of each order and may vary for ADI ports/access ordered with or without the ADI on Demand option.

| Bandwidth | Ethernet Access Speed | Discounted Ethernet Access Monthly Fee Group 1 | Discounted Ethernet Access Monthly Fee Group 4 | Minimum Bandwidth Commitment | | Undiscounted Incremental Usage Fee Per Mbps |
|------------------|-----------------------|--|--|---|---|---|
| | | | | Undiscounted ADI w/ Customer Router Monthly Fee | Undiscounted ADI w/ AT&T Managed Router Monthly Fee | |
| 20 Gbps | 40 Gbps | \$20,103.65 | NA | \$39,766.00 | \$49,999.00 | \$2.00 |
| 30 Gbps | 40 Gbps | \$20,103.65 | NA | \$49,237.00 | \$67,242.00 | \$2.00 |
| 40 Gbps | 40 Gbps | \$20,103.65 | NA | \$62,871.00 | \$84,485.00 | \$2.00 |
| 70 Gbps | 100 Gbps | \$31,043.55 | NA | \$84,800.00 | \$112,799.00 | \$1.35 |
| 100 Gbps | 100 Gbps | \$31,043.55 | NA | \$104,174.00 | \$136,595.00 | \$1.35 |
| Discount: | | | | 80% | 80% | 80% |

Table 6: Class Of Service Option - Flexible Bandwidth Billing Option - Monthly Fees

The Class of Service option is not available for ADI ports/access ordered with the ADI on Demand option.

Discount: 100%

| Speed | Undiscounted ADI w/ or w/o Managed Router Monthly Service Fee* |
|-------------------|--|
| 9.01 to 10.0 Mbps | \$825.00 |
| 15.01 - 20.0 Mbps | \$1,325.00 |
| 45.01 – 155 Mbps | \$5,000.00 |
| 200 - 250 Mbps | \$5,400.00 |

*Applies to ADI Express Only and Charges waived for Sites with AT&T BVoIP Service

Table 7: Class Of Service Option - Installation Fees**Discount: 100%**

| Class of Service Undiscounted Installation Fee* | |
|---|------------|
| | \$1,000.00 |

*Charges waived for Sites with AT&T BVoIP Service

Section III: Additional Service Fees

| | |
|--|----------------------------------|
| Moving Fee (during hours) | \$1,000 per location |
| Additional Moving Fee (outside standard operating hours – 8:00 a.m. to 5:00 p.m. Monday through Friday) | Additional \$500.00 per location |

Section IV: AT&T Business in a Box®

AT&T Business in a Box® is not available for ADI ports/access ordered with the ADI on Demand option.

Discount: 100.00%

| Option | Undiscounted Monthly Fee* |
|-----------------------------|---------------------------|
| Base Unit NextGen | \$75.00 |
| Base Unit 12 Port | \$75.00 |
| 8 Port Analog Module Add-On | \$40.00 |

* Pricing also applies to Service locations in Alaska

AT&T and Customer Confidential Information

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**AT&T DEDICATED INTERNET
PRICING SCHEDULE**

Discount: 0%

| Per Site / Per Occurrence during Standard Business Hours (Monday- Friday, 8:00 am- 5:00 pm, local time) | Undiscounted Service Charge List Price* |
|---|---|
| Move, Addition, Change to Service | \$260.00 |
| Delete Service | \$500.00 |

* Pricing also applies to Service locations in Alaska

Class Of Service Option - when ordered with AT&T BVoIP Services only

Discount: 100%

| | |
|--|--------|
| Class of Service Undiscounted Monthly Service Fee | \$225* |
|--|--------|

*Pricing also applies to Service locations in Alaska

Section V: AT&T Cloud Based Web Security

No discounts apply

| | |
|---|---------|
| AT&T Cloud Web Security Service per port (10 users) Rate | \$30.00 |
|---|---------|

Section VI: AT&T Wi-Fi Enterprise:

No discounts apply

| | |
|--|---------|
| AT&T Wi-Fi Enterprise per AP per month Rate | \$30.00 |
|--|---------|

Section VII: AT&T Distributed Denial of Service – Reactive Service

No discounts apply

| Service Component (Service Level) | Monthly Recurring Charge Per Circuit |
|---|--------------------------------------|
| Reactive service supporting from 10Mbps up to but not including 100Mbps circuit | \$98.00 |
| Reactive service supporting from 100Mbps up to 1Gbps circuit | \$301.00 |

Section VIII: AT&T Distributed Denial of Service – Mitigation Usage Charges

No discounts apply

| Service Component | Usage Charge per Occurrence |
|-------------------|-----------------------------|
| Mitigation | \$497.00 |

Section IX: AT&T Premises Based Firewall Service – Small Business – Fortinet

No discounts apply

| Service Component | Monthly Recurring Charge Per Seat |
|---|-----------------------------------|
| AT&T Premises-Based Firewall - Small Business - Essential | \$198.00 |
| AT&T Premises-Based Firewall - Small Business - Standard | \$330.00 |

Section X: AT&T Collaborate

Table 1: AT&T Collaborate System License Fee

No Discounts apply

| AT&T Collaborate Feature Name | Monthly Recurring Charge |
|-------------------------------|--------------------------|
| | Per Seat |
| Basic Voice Seat | \$26.00 |
| Enhanced Voice Feature Bundle | \$5.00 |
| Unified Communication Bundle | \$8.00 |
| Shared Workspace Bundle | \$8.00 |

AT&T and Customer Confidential Information

Page 5 of 6

**AT&T DEDICATED INTERNET
PRICING SCHEDULE**

| | Per Unit |
|---|-----------------|
| Contact Center Bundle (2 Supervisors and 10 Agents) | \$518.00 |
| Auto Attendant | \$19.00 |
| Receptionist Web Console | \$26.00 |
| Pre-alerting Announcement | \$8.00 |
| Contact Center Agent with Web Clients* | \$49.00 |
| Contact Center Supervisor with Web Clients* | \$64.00 |
| *Contact Center Agent with Web Clients and Contact Center Supervisor with Web Clients are add-on features. Customer must purchase Contact Center Bundle to purchase these features. | |

Table 2: AT&T Collaborate Equipment Fee

No discounts apply

| Type of Equipment | Non-Recurring Charges Per Device |
|--|---|
| EdgeMarc 250 IAD | \$169.00 |
| EdgeMarc 3700 Intelligent Edge | \$195.00 |
| Adtran NetVanta 1234 24-port | \$345.00 |
| Adtran NetVanta 1238P 48-port | \$943.00 |
| Polycom SoundStation IP 6000 | \$669.00 |
| Polycom SoundStation IP 7000 | \$942.00 |
| Polycom VVX 300 | \$136.00 |
| Polycom VVX 301 | \$136.00 |
| Polycom VVX 310 | \$143.00 |
| Polycom VVX 311 | \$143.00 |
| Polycom VVX 400 | \$188.00 |
| Polycom VVX 401 | \$188.00 |
| Polycom VVX 410 | \$195.00 |
| Polycom VVX 411 | \$195.00 |
| Polycom VVX 500 | \$266.00 |
| Polycom VVX 501 | \$266.00 |
| Polycom VVX 600 | \$331.00 |
| Polycom VVX 601 | \$331.00 |
| Polycom VVX Camera. For use with the VVX 500 and VVX 600 | \$143.00 |
| Polycom VVX Color Exp Module for VVX 300, 310, 400, 410, 500 and 600 | \$253.50 |
| Polycom RealPresence Trio 8800 IP conf. phone w built-in Wi-Fi | \$1,040.00 |
| Yealink-W56P (Cordless) | \$130.00 |
| Yealink-W56H (Cordless) | \$84.00 |
| Yealink-T40P (Entry level) | \$97.00 |
| Yealink-T46G (Mid-level) | \$182.00 |
| Yealink EXP40 (Expansion accessory) | \$110.00 |

Table 3: AT&T Collaborate Installation Fee

No discounts apply

| Non-Recurring Billing Element | Non-Recurring Charge Per Device |
|--------------------------------------|--|
| Equipment Installation and Shipping | \$151.00 |

AT&T and Customer Confidential Information

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AT&T MA Reference No. eMSA UA III
 AT&T Contract ID MIS3557710

**AT&T DEDICATED INTERNET
 PRICING SCHEDULE**

| | |
|---|---|
| Customer | AT&T |
| Marin Energy Authority Street Address: 1125 TAMALPAIS AVE City: SAN RAFAEL State/Province: CA Zip Code: 94901-3221 Country: US | AT&T Corp. |
| Customer Contact (for Notices) | AT&T Contact (for Notices) |
| Name: JUSTINE PARMELEE Title: Manager Street Address: 1125 TAMALPAIS AVE City: SAN RAFAEL State/Province: CA Zip Code: 94901-3221 Country: US Telephone: 415-464-6013 Email: JPARMELEE@MCECLEANENERGY.ORG | Name: JOSE REYES Street Address: 430 BUSH ST City: SAN FRANCISCO State/Province: CA Zip Code: 94107 Country: US Telephone: 925-271-1347 Fax: Email: jr4434@us.att.com Sales/Branch Manager: COTTON SCVP Name: HILARY NAVONE Sales Strata: Retail Sales Region: USA With a copy (for Notices) to: AT&T Corp. One AT&T Way Bedminster, NJ 07921-0752 ATTN: Master Agreement Support Team Email: mast@att.com |
| AT&T Solution Provider or Representative Information (if applicable) <input type="checkbox"/> | |
| Name: Company Name: Agent Street Address: City: State: Zip Code: Country: Telephone: Fax: Email: Agent Code: | |

This Pricing Schedule is part of the Agreement between AT&T and Customer referenced above.

| | |
|---|---|
| Customer (by its authorized representative) | AT&T (by its authorized representative) |
| By: _____ | By: _____ |
| Name: _____ | Name: _____ |
| Title: _____ | Title: _____ |
| Date: _____ | Date: _____ |

Signature Not Required on this Page - Refer to Customer Signature Page Contract ID 8704135



AT&T MA Reference No. eMSA UA III
AT&T Contract ID MIS3557710

AT&T DEDICATED INTERNET PRICING SCHEDULE

1. SERVICES

| Service | Service Publication Location |
|--------------------------------------|---|
| AT&T Dedicated Internet (ADI) | http://serviceguidenew.att.com/sg_flashPlayerPage/MIS (see ADI Express) |
| AT&T Bandwidth Services | http://serviceguidenew.att.com/sg_flashPlayerPage/BWS |
| AT&T Cloud Web Security Service | http://serviceguidenew.att.com/sg_flashPlayerPage/cwss |
| AT&T Wi-Fi Enterprise | http://serviceguidenew.att.com/sg_flashPlayerPage/AWS |
| AT&T Distributed Denial of Service | http://serviceguidenew.att.com/sg_flashPlayerPage/SNG |
| AT&T Premises Based Firewall Service | http://serviceguidenew.att.com/sg_flashPlayerPage/MSS |
| AT&T Collaborate™ | http://serviceguidenew.att.com/sg_flashPlayerPage/COLLAB |

2. PRICING SCHEDULE TERM AND EFFECTIVE DATES

| | |
|--|---|
| Pricing Schedule Term | 36 months |
| Pricing Schedule Term Start Date | Effective Date of this Pricing Schedule |
| Effective Date of Rates and Discounts | Effective Date of this Pricing Schedule |

3. MINIMUM PAYMENT PERIOD

| Service Components | Percent of Monthly Service Fees Due Upon Termination Prior to Completion of Minimum Payment Period | Minimum Payment Period per Service Component |
|------------------------|--|---|
| All Service Components | 50% | Longer of 12 months or until the end of the Pricing Schedule Term |
| Per site† | \$250* | Longer of 12 Months or until the end of Pricing Schedule Term |

†Applies to AT&T Collaborate only.
*This charge applies in lieu of the applicable percentage set forth for termination charges in the Master Agreement.

4. GRANDFATHERING AND WITHDRAWAL

Availability of Service Components is subject to grandfathering and withdrawal per the Service Guide.

5. RATES

Section I: AT&T Dedicated Internet

Table 1: ADI Self – Installation

Discount: 100%

| ADI Speed | Undiscounted ADI | Undiscounted ADI w/ Managed Router | Undiscounted ADI w/ Virtual Router |
|-----------|------------------|------------------------------------|------------------------------------|
| Ethernet | \$1,500 | \$1,500.00** | \$0.00 |

**Pricing available for ADI speeds of 100 Mbps and below and with electrical interfaces only.

AT&T and Customer Confidential Information

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**AT&T DEDICATED INTERNET
PRICING SCHEDULE**

Table 2: On-Site Installation

Discount: 50%

| ADI Speed | Undiscounted ADI w/ Managed Router Only |
|-----------|---|
| Ethernet | \$1,500.00 |

Table 3: Flat Rate and Flexible Bandwidth Billing Option – Ethernet (2 Mbps to 1 Gbps) - Group 1, 2, and 3

Available bandwidth levels are subject to qualification at time of each order and may vary for ADI ports/access ordered with or without the ADI on Demand option

| Bandwidth | Discounted Ethernet Access Monthly Fee Group 1 | Discounted Ethernet Access Monthly Fee Group 2 | Discounted Ethernet Access Monthly Fee Group 3 | Minimum Bandwidth Commitment | | Undiscounted Incremental Usage Fee Per Mbps |
|------------------|--|--|--|---|---|---|
| | | | | Undiscounted ADI w/ Customer Router Monthly Fee | Undiscounted ADI w/ AT&T Managed Router Monthly Fee | |
| 2 Mbps | \$400.00 | \$500.55 | \$603.64 | \$260.00 | \$388.00 | \$355.00 |
| 4 Mbps | \$400.00 | \$500.55 | \$603.64 | \$262.00 | \$390.00 | \$325.00 |
| 5 Mbps | \$400.00 | \$500.55 | \$603.64 | \$263.00 | \$391.00 | \$270.00 |
| 8 Mbps | \$400.00 | \$500.55 | \$603.64 | \$266.00 | \$394.00 | \$235.00 |
| 10 Mbps | \$400.00 | \$500.55 | \$603.64 | \$268.00 | \$396.00 | \$198.00 |
| 20 Mbps | \$420.00 | \$643.26 | \$712.23 | \$449.00 | \$577.00 | \$144.25 |
| 50 Mbps | \$524.00 | \$805.14 | \$891.09 | \$813.00 | \$955.00 | \$95.50 |
| 100 Mbps | \$604.00 | \$1,015.30 | \$1,155.25 | \$1,400.00 | \$1,555.00 | \$77.75 |
| 150 Mbps | \$610.00 | \$1,199.90 | \$1,376.75 | \$1,800.00 | \$1,965.00 | \$65.50 |
| 250 Mbps | \$900.00 | \$1,667.08 | \$1,868.68 | \$2,150.00 | \$2,240.00 | \$44.80 |
| 400 Mbps | \$1,100.00 | \$2,159.82 | \$2,464.02 | \$2,700.00 | \$3,380.00 | \$42.25 |
| 500 Mbps | \$1,100.00 | \$2,533.28 | \$2,922.53 | \$3,500.00 | \$4,325.00 | \$43.25 |
| 600 Mbps | \$1,100.00 | \$2,815.86 | \$3,251.46 | \$4,096.00 | \$4,840.00 | \$40.33 |
| 1000 Mbps | \$1,400.00 | \$2,999.75 | \$3,505.55 | \$4,505.00 | \$5,620.00 | \$28.10 |
| Discount: | | | | 80% | 80% | 80% |

Table 4: Flexible Bandwidth Billing Option – Ethernet (2 Gbps to 10 Gbps) – Group 1, 2, 3, and 4

Available bandwidth levels are subject to qualification at time of each order and may vary for ADI ports/access ordered with or without the ADI on Demand option.

| Bandwidth | 10 Gbps Discounted Ethernet Access Monthly Fee Group 1 | 10 Gbps Discounted Ethernet Access Monthly Fee Group 2 | 10 Gbps Discounted Ethernet Access Monthly Fee Group 3 | 10 Gbps Discounted Ethernet Access Monthly Fee Group 4 | Minimum Bandwidth Commitment | | Undiscounted Incremental Usage Fee Per Mbps |
|------------------|--|--|--|--|---|---|---|
| | | | | | Undiscounted ADI w/ Customer Router Monthly Fee | Undiscounted ADI w/ AT&T Managed Router Monthly Fee | |
| 2 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$9,091.00 | \$12,276.00 | \$30.69 |
| 3 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$13,309.00 | \$17,981.00 | \$29.97 |
| 4 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$16,015.00 | \$21,591.00 | \$26.99 |
| 5 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$18,196.00 | \$24,553.00 | \$24.55 |
| 6 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$21,309.00 | \$28,768.00 | \$23.97 |
| 7 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$24,218.00 | \$32,727.00 | \$23.38 |
| 8 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$26,953.00 | \$36,387.00 | \$22.74 |
| 9 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$28,931.00 | \$39,069.00 | \$21.71 |
| 10 Gbps | \$4,000.00 | \$6,397.00 | \$10,151.44 | NA | \$30,909.00 | \$41,716.00 | \$20.86 |
| Discount: | | | | | 80% | 80% | 80% |

AT&T and Customer Confidential Information

**AT&T DEDICATED INTERNET
PRICING SCHEDULE****Table 5: Flat Rate and Usage Based Billing Option – Ethernet (20 Gbps to 100 Gbps) – Group 1 and 4**

Available bandwidth levels are subject to qualification at time of each order and may vary for ADI ports/access ordered with or without the ADI on Demand option.

| Bandwidth | Ethernet Access Speed | Discounted Ethernet Access Monthly Fee Group 1 | Discounted Ethernet Access Monthly Fee Group 4 | Minimum Bandwidth Commitment | | Undiscounted Incremental Usage Fee Per Mbps |
|------------------|-----------------------|--|--|---|---|---|
| | | | | Undiscounted ADI w/ Customer Router Monthly Fee | Undiscounted ADI w/ AT&T Managed Router Monthly Fee | |
| 20 Gbps | 40 Gbps | \$20,103.65 | NA | \$39,766.00 | \$49,999.00 | \$2.00 |
| 30 Gbps | 40 Gbps | \$20,103.65 | NA | \$49,237.00 | \$67,242.00 | \$2.00 |
| 40 Gbps | 40 Gbps | \$20,103.65 | NA | \$62,871.00 | \$84,485.00 | \$2.00 |
| 70 Gbps | 100 Gbps | \$31,043.55 | NA | \$84,800.00 | \$112,799.00 | \$1.35 |
| 100 Gbps | 100 Gbps | \$31,043.55 | NA | \$104,174.00 | \$136,595.00 | \$1.35 |
| Discount: | | | | 80% | 80% | 80% |

Table 6: Class Of Service Option - Flexible Bandwidth Billing Option - Monthly Fees

The Class of Service option is not available for ADI ports/access ordered with the ADI on Demand option.

Discount: 100%

| Speed | Undiscounted ADI w/ or w/o Managed Router Monthly Service Fee* |
|-------------------|--|
| 9.01 to 10.0 Mbps | \$825.00 |
| 15.01 - 20.0 Mbps | \$1,325.00 |
| 45.01 – 155 Mbps | \$5,000.00 |
| 200 - 250 Mbps | \$5,400.00 |

*Applies to ADI Express Only and Charges waived for Sites with AT&T BVoIP Service

Table 7: Class Of Service Option - Installation Fees**Discount: 100%**

| Class of Service Undiscounted Installation Fee* | |
|---|------------|
| | \$1,000.00 |

*Charges waived for Sites with AT&T BVoIP Service

Section III: Additional Service Fees

| | |
|--|----------------------------------|
| Moving Fee (during hours) | \$1,000 per location |
| Additional Moving Fee (outside standard operating hours – 8:00 a.m. to 5:00 p.m. Monday through Friday) | Additional \$500.00 per location |

Section IV: AT&T Business in a Box®

AT&T Business in a Box® is not available for ADI ports/access ordered with the ADI on Demand option.

Discount: 100.00%

| Option | Undiscounted Monthly Fee* |
|-----------------------------|---------------------------|
| Base Unit NextGen | \$75.00 |
| Base Unit 12 Port | \$75.00 |
| 8 Port Analog Module Add-On | \$40.00 |

* Pricing also applies to Service locations in Alaska

**AT&T DEDICATED INTERNET
PRICING SCHEDULE**

Discount: 0%

| Per Site / Per Occurrence during Standard Business Hours (Monday- Friday, 8:00 am- 5:00 pm, local time) | Undiscounted Service Charge List Price* |
|---|---|
| Move, Addition, Change to Service | \$260.00 |
| Delete Service | \$500.00 |

* Pricing also applies to Service locations in Alaska

Class Of Service Option - when ordered with AT&T BVoIP Services only

Discount: 100%

| | |
|--|--------|
| Class of Service Undiscounted Monthly Service Fee | \$225* |
|--|--------|

*Pricing also applies to Service locations in Alaska

Section V: AT&T Cloud Based Web Security

No discounts apply

| | |
|---|---------|
| AT&T Cloud Web Security Service per port (10 users) Rate | \$30.00 |
|---|---------|

Section VI: AT&T Wi-Fi Enterprise:

No discounts apply

| | |
|--|---------|
| AT&T Wi-Fi Enterprise per AP per month Rate | \$30.00 |
|--|---------|

Section VII: AT&T Distributed Denial of Service – Reactive Service

No discounts apply

| Service Component (Service Level) | Monthly Recurring Charge Per Circuit |
|---|--------------------------------------|
| Reactive service supporting from 10Mbps up to but not including 100Mbps circuit | \$98.00 |
| Reactive service supporting from 100Mbps up to 1Gbps circuit | \$301.00 |

Section VIII: AT&T Distributed Denial of Service – Mitigation Usage Charges

No discounts apply

| Service Component | Usage Charge per Occurrence |
|-------------------|-----------------------------|
| Mitigation | \$497.00 |

Section IX: AT&T Premises Based Firewall Service – Small Business – Fortinet

No discounts apply

| Service Component | Monthly Recurring Charge Per Seat |
|---|-----------------------------------|
| AT&T Premises-Based Firewall - Small Business - Essential | \$198.00 |
| AT&T Premises-Based Firewall - Small Business - Standard | \$330.00 |

Section X: AT&T Collaborate

Table 1: AT&T Collaborate System License Fee

No Discounts apply

| AT&T Collaborate Feature Name | Monthly Recurring Charge |
|-------------------------------|--------------------------|
| | Per Seat |
| Basic Voice Seat | \$26.00 |
| Enhanced Voice Feature Bundle | \$5.00 |
| Unified Communication Bundle | \$8.00 |
| Shared Workspace Bundle | \$8.00 |

AT&T and Customer Confidential Information

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**AT&T DEDICATED INTERNET
PRICING SCHEDULE**

| | Per Unit |
|---|-----------------|
| Contact Center Bundle (2 Supervisors and 10 Agents) | \$518.00 |
| Auto Attendant | \$19.00 |
| Receptionist Web Console | \$26.00 |
| Pre-alerting Announcement | \$8.00 |
| Contact Center Agent with Web Clients* | \$49.00 |
| Contact Center Supervisor with Web Clients* | \$64.00 |
| *Contact Center Agent with Web Clients and Contact Center Supervisor with Web Clients are add-on features. Customer must purchase Contact Center Bundle to purchase these features. | |

Table 2: AT&T Collaborate Equipment Fee

No discounts apply

| Type of Equipment | Non-Recurring Charges Per Device |
|--|---|
| EdgeMarc 250 IAD | \$169.00 |
| EdgeMarc 3700 Intelligent Edge | \$195.00 |
| Adtran NetVanta 1234 24-port | \$345.00 |
| Adtran NetVanta 1238P 48-port | \$943.00 |
| Polycom SoundStation IP 6000 | \$669.00 |
| Polycom SoundStation IP 7000 | \$942.00 |
| Polycom VVX 300 | \$136.00 |
| Polycom VVX 301 | \$136.00 |
| Polycom VVX 310 | \$143.00 |
| Polycom VVX 311 | \$143.00 |
| Polycom VVX 400 | \$188.00 |
| Polycom VVX 401 | \$188.00 |
| Polycom VVX 410 | \$195.00 |
| Polycom VVX 411 | \$195.00 |
| Polycom VVX 500 | \$266.00 |
| Polycom VVX 501 | \$266.00 |
| Polycom VVX 600 | \$331.00 |
| Polycom VVX 601 | \$331.00 |
| Polycom VVX Camera. For use with the VVX 500 and VVX 600 | \$143.00 |
| Polycom VVX Color Exp Module for VVX 300, 310, 400, 410, 500 and 600 | \$253.50 |
| Polycom RealPresence Trio 8800 IP conf. phone w built-in Wi-Fi | \$1,040.00 |
| Yealink-W56P (Cordless) | \$130.00 |
| Yealink-W56H (Cordless) | \$84.00 |
| Yealink-T40P (Entry level) | \$97.00 |
| Yealink-T46G (Mid-level) | \$182.00 |
| Yealink EXP40 (Expansion accessory) | \$110.00 |

Table 3: AT&T Collaborate Installation Fee

No discounts apply

| Non-Recurring Billing Element | Non-Recurring Charge Per Device |
|--------------------------------------|--|
| Equipment Installation and Shipping | \$151.00 |



AT&T MA Reference No. eMSA UA III
 AT&T Contract ID No. SDN7VMULHO

AT&T SWITCHED ETHERNET SERVICESM (with NETWORK ON DEMAND)

Pricing Schedule Provided Pursuant to Custom Terms

Please sign by 03-23-2018

| | |
|--|---|
| Customer | AT&T |
| M C E CLEAN ENERGY Street Address: 1125 TAMALPAIS AVE City: SAN RAFAEL State/Province: CA Zip Code: 94901-3221 Country: USA | The applicable AT&T ILEC Service-Providing Affiliate(s) |
| Customer Contact (for Notices) | AT&T Contact (for Notices) |
| Name: Justine Parmelee Title: Manager Street Address: 1125 TAMAPLAIS AVE City: SAN RAFAEL State/Province: CA Zip Code: 94901- Country: USA Telephone: 4154646010 Fax: Email: jparmelee@mcecleanenergy.org Customer Account Number or Master Account Number: 1-QOI5-396 | Name: Sam Singh Street Address: 5001 Executive Pkwy City: San Ramon State/Province: CA Zip Code: 94583 Country: USA Telephone: 9252711386 Fax: 7074356015 Email: ss3798@us.att.com Sales/Branch Manager: Tonya Nicholas SCVP Name: Brandon Se Sales Strata: Retail-Direct Sales Region: US-WEST With a copy (for Notices) to: AT&T Corp. One AT&T Way Bedminster, NJ 07921-0752 ATTN: Master Agreement Support Team Email: mast@att.com |
| AT&T Solution Provider or Representative Information (if applicable) <input type="checkbox"/> | |
| Name: Company Name: Agent Street Address: City: State: Zip Code: Country: USA Telephone: Fax: Email: Agent Code | |

This Pricing Schedule for the service(s) identified below ("Service") is part of the Agreement referenced above. Customer requests that its identity be kept confidential and not be publicly disclosed by AT&T or by any regulatory commission, unless required by law.

Services purchased under this Pricing Schedule must be ordered and managed using the AT&T Network on Demand process described in the Network on Demand Guide available at: http://cpr.att.com/pdf/publications/NOD_Guide.pdf which is incorporated herein by reference and is subject to change by AT&T from time to time.

AT&T California currently provides billing and collections services to third parties, which may place charges that Customer authorizes on Customer's bill for intrastate Services. To the extent that AT&T California makes blocking of such charges available, Customer may block third-party charges from its bill at no cost.

| | |
|--|--|
| Customer (by its authorized representative) | AT&T (by its authorized representative) |
| By: | By: |
| Printed or Typed Name: | Printed or Typed Name: |
| Title: | Title: |
| Date: | Date: |

| | |
|--|--|
| For AT&T internal use only: | Contract Ordering and Billing Number (CNUM): |
|--|--|

| | |
|----------------------------------|--|
| WK# - Interstate-InterLATA – TBD | For AT&T Administrative Use Only Pricing Schedule No. _____ Original Effective Date: _____ |
|----------------------------------|--|

AT&T Switched Ethernet ServiceSM (with Network On Demand) Pricing Schedule Provided Pursuant to Custom Terms

1. SERVICE, SERVICE PROVIDER(S) and SERVICE PUBLICATION(S)

1.1 AT&T Switched Ethernet ServiceSM

| Service | Service Publication (incorporated by reference) | Service Publication location |
|--|--|---|
| AT&T Switched Ethernet Service SM | AT&T Switched Ethernet Service Guide | http://cpr.att.com/pdf/commonEthServGuide.html |

| Service Providers | | | |
|-------------------|------------------|---------------------|----------------|
| AT&T Alabama | AT&T Indiana | AT&T Missouri | AT&T Tennessee |
| AT&T Arkansas | AT&T Kansas | AT&T Nevada | AT&T Texas |
| AT&T California | AT&T Kentucky | AT&T North Carolina | AT&T Wisconsin |
| AT&T Florida | AT&T Louisiana | AT&T Ohio | |
| AT&T Georgia | AT&T Michigan | AT&T Oklahoma | |
| AT&T Illinois | AT&T Mississippi | AT&T South Carolina | |

1.2 Inside Wiring

| | |
|----------------|--------------------|
| Service | AT&T Inside Wiring |
|----------------|--------------------|

| Service Provider | Service Publication | Service Publication Location |
|--|---------------------------------------|---|
| Same as the AT&T Service Provider for the AT&T Switched Ethernet Service | AT&T Inside Wiring Service Attachment | http://cpr.att.com/pdf/service_publications/ASE_SDN_Inside_Wiring_Attachment.pdf |

1.3 Entrance Facility Construction

| | |
|----------------|-------------------------------------|
| Service | AT&T Entrance Facility Construction |
|----------------|-------------------------------------|

| Service Provider | Service Publication | Service Publication Location |
|--|--|---|
| Same as the AT&T Service Provider for the AT&T Switched Ethernet Service | AT&T Entrance Facility Construction Attachment | http://cpr.att.com/pdf/service_publications/EFC_Attachment.pdf |

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2. PRICING SCHEDULE TERM, EFFECTIVE DATES

| | |
|--|---|
| Pricing Schedule Term | 24 Months |
| Start Date of Minimum Payment Period, per Service Component | Later of the Effective Date or installation of the Service Component |
| Rate Stabilization per Service Component | Rates as specified in this Pricing Schedule for each Service Component are stabilized until the end of its Minimum Payment Period |
| Pricing following the end of Minimum Payment Period | Non-stabilized prices as modified from time to time in applicable Service Publication or, if there is no such pricing, the pricing in this Pricing Schedule |

3. MINIMUM PAYMENT PERIOD

| Service Components | Percentage of Monthly Recurring Charge Applied for Calculation of Early Termination Charges* | Minimum Payment Period per Service Component |
|--|--|--|
| All Service Components | 50% plus any unpaid or waived non-recurring charges | 24 months |
| *Early termination charges shall not exceed the total amount of monthly recurring charges for the remainder of the Minimum Payment Period; refer to Network on Demand Guide for details. | | |

4. ADDS

AT&T Switched Ethernet Service Customer Port Connections may be purchased (where available using the Network on Demand process) during the Pricing Schedule Term at the rates, terms and conditions herein.

5. RATES and CHARGES

5.1 AT&T SWITCHED ETHERNET SERVICE

5.1.1 Monthly Recurring Charges (MRC)

All Monthly Recurring Charge (MRC) rates are per port. The total MRC for a port is the sum of the Port Connection MRC, the Bandwidth MRC, and any associated Feature MRC(s).

Basic Port Connection MRC

| Basic Port Connection Speed | MRC |
|-----------------------------|----------|
| 100 Mbps | \$337.50 |
| 1 Gbps | \$337.50 |

Bandwidth MRC

If Customer changes the CIR and/or CoS configuration during the billing cycle, the Bandwidth MRC will be prorated based on the time interval for each configuration. Bandwidth may be adjusted using the Network on Demand process within the available network capacity, which may vary from time to time. All speeds may not be available at all times or at all locations. Network augmentation via traditional processes may be required before certain speeds will be available on demand. Contact your AT&T sales representative to discuss ways to increase available capacity.

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| Bandwidth MRC (100 Mbps and 1 Gbps Basic Port Connections) | | | | | |
|--|------------------------|--------------------------|------------------------|-------------|-----------|
| Committed Information Rate (CIR) | Class of Service (CoS) | | | | |
| | Non Critical High | Business Critical Medium | Business Critical High | Interactive | Real Time |
| 2 Mbps | \$79.83 | \$84.98 | \$103.00 | \$121.03 | \$131.33 |
| 4 Mbps | \$111.44 | \$117.47 | \$137.05 | \$156.62 | \$165.66 |
| 5 Mbps | \$139.50 | \$150.00 | \$166.50 | \$183.00 | \$195.00 |
| 8 Mbps | \$261.63 | \$279.99 | \$300.65 | \$321.30 | \$344.25 |
| 10 Mbps | \$290.78 | \$312.48 | \$360.22 | \$407.96 | \$438.34 |
| 20 Mbps | \$490.16 | \$524.60 | \$582.89 | \$641.18 | \$688.87 |
| 50 Mbps | \$566.11 | \$606.36 | \$665.38 | \$724.41 | \$783.44 |
| 100 Mbps | \$665.31 | \$713.99 | \$773.49 | \$832.99 | \$892.49 |
| 150 Mbps | \$917.77 | \$989.37 | \$1031.68 | \$1073.99 | \$1158.60 |
| 250 Mbps | \$1034.25 | \$1114.30 | \$1255.18 | \$1396.07 | \$1498.54 |
| 400 Mbps | \$1141.09 | \$1225.97 | \$1364.28 | \$1502.59 | \$1615.76 |
| 500 Mbps | \$1209.01 | \$1299.14 | \$1435.90 | \$1572.65 | \$1690.75 |
| 600 Mbps | \$1389.43 | \$1493.03 | \$1627.10 | \$1761.17 | \$1889.14 |
| 1000 Mbps | \$1588.22 | \$1708.54 | \$1840.90 | \$1973.25 | \$2111.62 |

Feature MRC

| Feature | MRC |
|--------------------|---------|
| Enhanced Multicast | \$70.00 |

5.1.2 Non Recurring Charges (NRC)

Standard Non Recurring Charges for installation of new Customer Port Connections, per the applicable Service Publication, will be waived.

5.1.3 Additional Charges

Charges for additional Service options may apply, per Service Publication. Charges for special construction, if needed, may also apply.

5.2 AT&T INSIDE WIRING

Charges for AT&T Inside Wiring are as set forth in the Service Publication.

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5.3 ENTRANCE FACILITY CONSTRUCTION CHARGE

| NON-RECURRING CHARGE PER SITE* | USOC(s) | |
|---|-------------------|-----------------|
| \$0.00 | NR9F5 – 12 states | NRFF5– 9 states |
| *AT&T will provide Entrance Facility Construction as defined in and subject to the terms and conditions of the applicable Service Publication, at the rate set forth above, for any qualifying Customer Sites where Customer purchases new AT&T Switched Ethernet Service under this Pricing Schedule at which Entrance Facility Construction is required. To qualify, the Entrance Facility needed at a Customer Site, as determined by AT&T, cannot exceed the specifications set forth in the Service Publication. | | |

6. SPECIAL TERMS, CONDITIONS or OTHER REQUIREMENTS

6.1 Special Conditions for 10 Gbps Customer Port Connections

Basic Ports with transmission speeds of 10 Gbps are available only under certain custom/ICB contracting arrangements and are not fully supported by the Network on Demand process at this time. If Customer has any 10 Gbps Port(s) and wishes to change the CIR of any such Port(s) to values equal to or less than the initially contracted port configuration (Attachment A, Table 2), change the applicable CoS or establish EVCs within permissible parameters, then Customer may use the AT&T Business Center portal to request and schedule such changes. Point-to-point EVCs can be set in 1 Mbps increments from 1 Mbps to 2000 Mbps. Multipoint EVCs can be set in 1 Mbps increments from 1 Mbps to 1000 Mbps. Real Time Class of Service is not available for EVCs exceeding 1000 Mbps. If Customer wishes to increase the CIR above the initially contracted port configuration or make any changes other than as set forth above, Customer must contact AT&T using standard processes to determine whether such changes can be made and whether any modifications to Customer’s contract may be required. Requests for EVC CIR above the limits set forth above will be evaluated on an Individual Case Basis, taking into consideration factors such as facility conditions and the impact of the requested configuration on network performance.

End of Document



March 15, 2018

TO: MCE Board of Directors

FROM: David McNeil, Manager of Finance

RE: Proposed Amendment to MCE Policy No. 005 – Risk Management Procedures and Controls for Transactions in the California Independent System Operator Markets (Agenda Item #08)

ATTACHMENTS: A. Policy No. 005 – Risk Management Procedures and Controls for Transactions in the California Independent System Operator Markets
B. Proposed Amended Policy No. 005 – Risk Management Procedures and Controls for Transactions in the California Independent System Operator Markets

Dear Board Members:

SUMMARY:

In 2012, your Board approved Policy No. 005 – Risk Management Procedures and Controls for Transactions in the California Independent System Operator Markets. In June 2016, your Board approved a contract with ZGlobal to provide scheduling coordination and other energy portfolio management services. In December 2017 MCE’s full services contract with Shell Energy North America (SENA), which included scheduling coordinator services, came to an end. Staff are currently applying to the California Independent Systems Operator (CAISO) to become a scheduling coordinator directly, allowing for flexibility with assignment of duties to a scheduling coordinator agent. By becoming a scheduling coordinator directly, MCE is able to reduce credit exposure to ZGlobal arising from ZGlobal funding CAISO deposit requirements on MCE’s behalf. In parallel with MCE initiating activity as a scheduling coordinator, it would, with MCE Executive Committee approval, amend its contract with ZGlobal to enable ZGlobal to perform the services outlined in its current contract with MCE, as MCE’s scheduling coordinator agent. Under this arrangement, ZGlobal would continue to provide scheduling coordinator services to MCE and MCE would transact directly with the CAISO. The relationship between a scheduling coordinator and scheduling coordinator agent is recognized by the CAISO and is common in California electricity markets.

The proposed amendment to Policy No. 005 - Risk Management Procedures and Controls for Transactions in the California Independent System Operator Markets

removes reference to SENA and allows MCE to contract with a scheduling coordinator agent.

Fiscal Impacts: Costs associated with operating as a scheduling coordinator consist of a onetime \$5,000 set up fee and \$1000 per month. These fees are charged by the CAISO and are included in the FY 2018/19 Operating Fund Budget. CAISO scheduling coordinator deposit requirements are described in the CAISO tariff and arise primarily when the value of load scheduled into the CAISO market exceeds the value of scheduled generation. MCE manages the proportional relationship between load and generation in accordance with its Integrated Resource Plan and has ample liquidity to fund CAISO deposit requirements.

Recommendation: Approve the Proposed Amended Policy No. 005 – Risk Management Procedures and Controls for Transactions in the California Independent System Operator Markets



POLICY NO. 005 – RISK MANAGEMENT PROCEDURES AND CONTROLS FOR TRANSACTIONS IN THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR MARKETS

1. Introduction

This policy sets forth the risk management policies related to MEA's transactions in the California Independent System Operator (CAISO) markets. The CAISO markets in which MEA participates and to which these policies apply include the following:

- Congestion Revenue Rights

2. Risk Exposure and Controls

MEA uses Congestion Revenue Rights (CRRs) for the exclusive purpose of hedging congestion costs associated with serving its customer load. MEA participates in the CAISO CRR allocation process to obtain CRRs that protect against congestion costs that may arise between its contractual energy supply points and its default load aggregation point. CRR positions are limited to the volume of MEA's anticipated energy schedules for the respective path and time period associated with the CRR. All CRR transactions are executed and managed by MEA's scheduling coordinator, Shell Energy North America, and confirmation of such transactions are provided to MEA personnel who are independent from the CRR trading function

a. Credit Risk

Credit risk refers to the potential for non-payment or default by the counterparty to a transaction. MEA's CRRs are financially settled with the CAISO through MEA's scheduling coordinator. CRR credit risk is mitigated due to the credit policies and procedures in place at the CAISO and the credit provisions governing MEA's agreement with its scheduling coordinator.

b. Liquidity Risk

Liquidity risk refers to the potential inability of a party to close out a position at prevailing market prices due to a lack of buyers or sellers for the specific product being liquidated. CRRs can be sold in the CAISO monthly and annual CRR auction markets. CRRs can also be sold bilaterally through the CAISO administered secondary registration system.

c. Market Risk

Market risk refers to potential cost exposure resulting from changes in market prices for the underlying commodity. CRRs have positive value when congestion exists between

the source and the sink associated with the CRR path such that locational marginal prices are lower at the source than at the sink. CRRs have negative value when the opposite is true. MEA uses CRRs exclusively to hedge against congestion costs, which are negatively correlated with CRR values, such that the potential adverse financial impacts of changes in CRR values and congestions costs are mitigated.

3. Training

MEA employees, contractors and agents transacting in CAISO markets shall meet all training requirement set forth in the CAISO Tariff or applicable CAISO Operating Agreement.

4. Monitoring and Reporting

a. Monitoring

CRR values shall be monitored at regular intervals, with such intervals selected in consideration of the risk characteristics of MEA's CRR holdings, but no less frequently than monthly. MEA personnel responsible for monitoring the value of MEA's CRR holdings shall be independent from those engaged in transacting in the CAISO's CRR markets.

b. Reporting

CRR values shall be reported on a monthly basis to the MEA Executive Officer and the Controller. Any material change in such CRR values or risks shall be identified and summarized in the aforementioned report.



POLICY NO. 005 – RISK MANAGEMENT PROCEDURES AND CONTROLS FOR TRANSACTIONS IN THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR MARKETS

1. Introduction

This policy sets forth the risk management policies related to [MEAMCE](#)'s transactions in the California Independent System Operator (CAISO) markets. The CAISO markets in which [MEAMCE](#) participates and to which these policies apply include the following:

- Congestion Revenue Rights

2. Risk Exposure and Controls

[MEAMCE](#) uses Congestion Revenue Rights (CRRs) for the exclusive purpose of hedging congestion costs associated with serving its customer load. [MEAMCE](#) participates in the CAISO CRR allocation process to obtain CRRs that protect against congestion costs that may arise between its contractual energy supply points and its default load aggregation point. CRR positions are limited to the volume of [MEAMCE](#)'s anticipated energy schedules for the respective path and time period associated with the CRR. All CRR transactions are executed and managed by [MEAMCE](#)'s scheduling coordinator or scheduling coordinator agent, Shell Energy North America, and confirmation of such transactions are provided to [MEAMCE](#) personnel who are independent from the CRR trading function.

a. Credit Risk

Credit risk refers to the potential for non-payment or default by the counterparty to a transaction. [MEAMCE](#)'s CRRs are financially settled with the CAISO through [MEAMCE](#)'s scheduling coordinator. CRR credit risk is mitigated due to the credit policies and procedures in place at the CAISO and the credit provisions governing [MEAMCE](#)'s agreement with its scheduling coordinator or scheduling coordinator agent.

b. Liquidity Risk

Liquidity risk refers to the potential inability of a party to close out a position at prevailing market prices due to a lack of buyers or sellers for the specific product being liquidated. CRRs can be sold in the CAISO monthly and annual CRR auction markets. CRRs can also be sold bilaterally through the CAISO administered secondary registration system.

c. Market Risk

Market risk refers to potential cost exposure resulting from changes in market prices for the underlying commodity. CRRs have positive value when congestion exists between the source and the sink associated with the CRR path such that locational marginal prices are lower at the source than at the sink. CRRs have negative value when the opposite is true. MEAMCE uses CRRs exclusively to hedge against congestion costs, which are negatively correlated with CRR values, such that the potential adverse financial impacts of changes in CRR values and congestions costs are mitigated.

3. Training

MEAMCE employees, contractors and agents transacting in CAISO markets shall meet all training requirement set forth in the CAISO Tariff or applicable CAISO Operating Agreement.

4. Monitoring and Reporting

a. Monitoring

CRR values shall be monitored at regular intervals, with such intervals selected in consideration of the risk characteristics of MEAMCE's CRR holdings, but no less frequently than monthly. MEAMCE personnel responsible for monitoring the value of MEAMCE's CRR holdings shall be independent from those engaged in transacting in the CAISO's CRR markets.

b. Reporting

CRR values shall be reported on a monthly basis to the MEAMCE Executive Officer and the ~~Controller~~Manager of Finance. Any material change in such CRR values or risks shall be identified and summarized in the aforementioned report.