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# Minutes

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**To:** NCPA Facilities Committee  
**From:** Michelle Schellentrager  
**Subject:** January 25, 2017 Special Facilities Committee Meeting Minutes

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1. **Call Meeting to Order and Roll Call** - The meeting was called to order by Committee Chair Melissa Price at 10:00am. A sign-in sheet was passed around. Attending via teleconference and/or on-line presentation were Alan Hanger and Barry Leska (Alameda), Mark Sorensen (Biggs), Terry Crowley (Healdsburg), Melissa Price (Lodi), Tikan Sign (Lompoc), Christopher Hutchinson and Monica Padilla (Palo Alto), Basil Wong (Port of Oakland), Shannon McCann (Roseville), and Steve Hance (Santa Clara). Those attending in person are listed on the attached Attendee Sign-in Sheet. Committee Representatives from BART, Gridley, TID, and Ukiah were absent. A quorum of the Committee was established.

## **PUBLIC FORUM**

No public comment.

2. **Nexant Cost Allocation Model Billing Determinants** – Staff presented and requested a recommendation from the Facilities Committee for Commission approval of the billing determinants that will be used in the FY18 Nexant Cost Allocation Model. Staff provided an overview of the proposed billing determinates to be used in the FY18 cost allocation model, and based on such determinates, presented the committee with anticipated allocation percentages. The information presented to the committee distributed FY 17 budget amounts as an example, but once the FY 18 budgeted costs are determined and approved, the proposed allocation percentages will be used to allocate such costs.

During the discussion NCPA staff explained that in May 2016 NCPA implemented a new deal capture system to track and account for the contract based transactions that are tracked as part of the proposed billing determinates. Historically, contract counts and amount have been tracked using a unique identifier called a Deal\_ID. NCPA staff explained that the new deal capture system creates individual Deal\_IDs to track each contract transaction, but that Deal\_IDs are also used to account for sub-elements of contract transactions (for the purpose of system design and processing flexibility). To ensure a specific contract transaction is not over stated as a result of a single deal now potentially have multiple Deal\_IDs associated with it, NCPA has developed the concept of a Parent Deal\_ID that will ensure NCPA can properly tract the number of contract transactions that will be included in the cost allocation model. As a result, NCPA explained that certain transactions included in the proposed determinates will be

counted using the new Parent Deal\_ID, rather than all Deal\_IDs that may be stored in the NCPA database.

NCPA staff reviewed Power Pool Cost Drivers, providing members with a graph of Composite Pool Allocations, comparing 2015 to 2016. A graph outlining proposed changes and their impacts for each member was also presented. Members had questions about unscheduled deals, and why these deals are treated differently. Tony Zimmer and Ken Goeke were able to break down the differences, as well as explain the process for allocating different scheduling costs. The Committee also identified certain typographical errors in the support documentation provided by staff, and requested correction of such and redistribution of the support documents. The Alameda representative asked NCPA to review the bilateral Load Uplift Obligation Trade counts associated with certain transactions.

Motion: A motion was made by Mike Brozo and seconded by Monica Padilla recommending Commission approval of the billing determinants that will be used in the FY2018 Nexant Cost Allocation model, as well as approving the implementation of the Parent Deal ID concept and settlements only cost allocation for unscheduled deals. A vote was taken by roll call: YES = Alameda, Biggs, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas-Sierra, Roseville, Port of Oakland, and Santa Clara. The motion passed.

#### **ADJOURNMENT**

The meeting was adjourned at 11:50am.

**Northern California Power Agency  
January 25, 2017 Special Facilities Committee Meeting  
Attendance List**

NCPA Facilities Committee members are requested to sign, but signature by members of the public is voluntary.

<b>MEMBER</b>	<b>NAME</b>
<b>ALAMEDA</b>	
<b>BART</b>	
<b>BIGGS</b>	
<b>GRIDLEY</b>	
<b>HEALDSBURG</b>	
<b>LODI</b>	
<b>LOMPOC</b>	
<b>PALO ALTO</b>	
<b>PLUMAS-SIERRA REC</b>	
<b>PORT OF OAKLAND</b>	
<b>ROSEVILLE</b>	
<b>SANTA CLARA</b>	
<b>TID</b>	
<b>UKIAH</b>	

NCPA Facilities Committee members, Alternates & Staff are requested to sign, but signature by members of the public is voluntary.

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# Minutes

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**To:** NCPA Facilities Committee  
**From:** Michelle Schellentrager  
**Subject:** February 1, 2017 Facilities Committee Meeting Minutes

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1. **Call Meeting to Order and Roll Call** - The meeting was called to order by Committee Chair Melissa Price at 9:06am. A sign-in sheet was passed around. Attending via teleconference and/or on-line presentation were Alan Hanger and Debbie Whiteman (Alameda), Mark Sorensen (Biggs), Paul Eckert (Gridley), Terry Crowley (Healdsburg), Christopher Hutchinson and Monica Padilla (Palo Alto), Basil Wong (Port of Oakland), and Kathleen Hughes (Santa Clara). Those attending in person are listed on the attached Attendee Sign-in Sheet. Committee Representatives from BART, TID, and Ukiah were absent. A quorum of the Committee was established.

## **PUBLIC FORUM**

No public comment.

2. **Approve Minutes from the January 4, 2017 Facilities Committee Meetings.** A motion was made by Shannon McCann and seconded by Monica Padilla recommending approval of the January 4, 2017 Facilities Committee meeting minutes. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Port of Oakland, and Roseville. The motion passed.
3. **Winter Storms and NCPA Operations** – Ken Speer gave an introduction to the Committee. He stated that NCPA would not be seeking any approvals in this meeting, but may need to in the future as a result of the winter storms. Staff gave an overview of the impact the winter storms have had on each of NCPA's projects: LEC/CT's, Geo, and Hydro.

NCPA's LEC/CT facilities experienced little to no damage. NCPA reported one levee break near the LEC/STIG site, which did cause some localized flooding; however, flooding only impacted agricultural fields adjacent to the site and did not impact the facility operations.

NCPA's Geo facility experienced 60+ mph winds and very heavy rain during the recent storm events. Due to high levels of precipitation in areas that have been impacted extensively by forest fires over the past few years, a number of mudslides have occurred around some of NCPA's pipelines and across some access roads. NCPA was able to make necessary repairs quickly and at minimal cost (much as the labor was completed by NCPA employees); total estimated cost for all repairs was \$24,500.

NCPA's Hydro facilities experienced the most impact as a result of the winter storms. There were two large atmospheric river events (one in December, another in early January). Staff shared videos from both storm events. Both events brought large amounts of rainfall, which caused intense water flows throughout the project. Due to the high river levels, the Collierville

powerhouse was forced to curtail generation on a number of occasions. The high flow also resulting in extensive sediment build up at the Beaver Creek diversion dam. As a result, NCPA is no longer able to by pass water from Beaver Creek into the McKays reservoir until crews are able to remove the sediment. Staff also highlighted the fact that significant amounts of debris have built up on the McKays forbay, and this poses a risk to future generation due to build up and blockage of the power tunnel screens. The debris will need to be removed at a future date, and staff will operate the project going forward to minimize this impact. Monica Padilla asked if sediment issues could have been prevented with the proper routine maintenance. Randy Bowersox explained that weather events of this magnitude are unprecedented, and with the unpredictable nature of these larger storms, it makes it harder to know when we will need these repairs. He explained that NCPA has preemptively collected funds for emergency dredging, to be used in scenarios such as these. Much of the repair work that will be needed will have to wait until water levels subside. These repairs will likely not be covered by insurance, as revenue losses due to not being able to operate as a result of severe storms are considered a routine operating cost.

The storm that hit in mid-January was a colder storm, which meant more snow (10+ feet in some areas). This caused prolonged power outages, and resulted in McKays, Beaver Creek and New Spicer Meadows being inaccessible for a time. NCPA has begun releasing water from New Spicer Meadows storage in anticipation for spring run off (considering the projected water content estimated to be in the current snow pack); staff explained they are hoping to avoid spilling from New Spicer Meadows. Phil Mensonides is working on putting together forecasting data based on possible scenarios that could take place with upcoming storms, and the balance of the season, including the effect of possible spilling of New Spicer Meadows. Members said they would appreciate seeing this data.

NCPA staff recapped the challenges faced in light of these winter storms, specifically:

- The Beaver Creek fish screen will require dredging before it can function properly
- Collierville and McKays trash rack will need to be cleaned
- New Spicer Meadows can't release more than 1,200 CFS; water is already being bypassed. As a result, CAISO may ask NCPA to curtail flow, which could result in lost funds (assuming NCPA is not able to release enough water before spring)

**4. Renewable Energy Purchase, sPower** – Staff presented a recommendation requesting the Facilities Committee to recommend Commission approval of a PPA between Antelope Expansion 1b, LLC and NCPA, as well as approval of a Third Phase Agreement for Renewable Energy Power between NCPA and Member project participants.

As this item had previously been presented at the January 4, 2017 Facilities Committee Meeting, staff reviewed updates and changes only. The City of Healdsburg will now be a project participant (buying 2 MW); monetary values were adjusted based on project capacities. Staff also clarified the Step Up provision for project participants (members expressed confusion over non-project participants being obligated, should a project participant not pay their portion). Michael Dean reassured members that this was no different from what is stated in the JPA, and that non-project participants would not be obligated for any costs associated with this project (as the NCPA Third Phase agreement mitigates risks to non-project participants).

James Takehara also gave an update on the purchase price threshold, which Randy Howard had requested him to discuss further with sPower in the January 4, 2017 Facilities Committee meeting. sPower was unwilling to make any concessions on the purchase price; no changes were made to the minimum price and a maximum price was not added/provided by the seller.

Motion: A motion was made by Jiayo Chiang and seconded by Basil Wong recommending Commission approval of Third Phase Agreement for Renewable Energy Power Purchase Agreement with Antelope Expansion 1b, LLC, and the Power Purchase Agreement between Antelope Expansion 1b, LLC and NCPA. A vote was taken by roll call: YES = Alameda, Biggs,



Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas-Sierra, Port of Oakland, Roseville and Santa Clara. The motion passed.

**5. Planning and Operations Update –**

- Merced and PCWA: NCPA is now actively working towards establishing processes to perform power management functions for them. MEID's first facility will be transferred into NCPA's portfolio on 2/7/2017. Efforts for transferring MEID's additional units to NCPA are on-going, and should be completed by July 2017.
- NCPA started scheduling loads and supply for BART on January 1, 2017; so far, the transition has gone smoothly, and NCPA has not encountered any issues.
- Placer County CCE: NCPA now has a formal Professional Services Agreement in place with Placer County, under which NCPA will be able to advise them as they work towards forming a CCA. Placer County is moving quickly; they will be meeting with CAISO in mid-February to discuss transition. Placer County has expressed a strong interest in having NCPA provide some power management services once they have formed their CCA.
- NCPA is reviewing relationships with various legal counsels. NCPA staff will be taking Staff Report's with recommendations to the Commission in the future related to retaining special counsel. Dave will be recommending NCPA retain its current FERC counsel of Spiegel & McDiarmid.
- Staff provided an update on the CAISO products recently implemented (the RA program enhancements and the Flexible Ramping products). NCPA has met with CAISO to go over concerns, specifically regarding the RAIMM implementation. In response, CAISO has extended the advisory period so NCPA can continue to monitor settlement results, to determine whether the data is accurate. NCPA has set up internal tracking for better monitoring both programs and reporting results to the CAISO.
- BART has been cleared to contract directly with renewable energy providers; as a result, BART has expressed a desire to take over the PPA contract with Monterey County Water Resources Agency (for output produced by the Nacimiento hydro project). This may be presented at a future Facilities Committee meeting.
- The CAISO has made a filing at FERC regarding status of DER aggregation within its BAA. The CAISO has invited NCPA to participate in a working group to discuss possible impacts of DER aggregations on local distribution systems, and coordinated dispatch. NCPA will participate in a meeting scheduled on February 22, 2017, to discuss these issues.
- Ken Speer provided an update on the contracts list that the members had previously requested. The list is in the process of being finalized, and will include a full list of all NCPA vendor contracts, the dollar amount of each contract, as well as a brief description of what the contract is for. NCPA will make it available to members via the new NCPA Connect site once it becomes available.

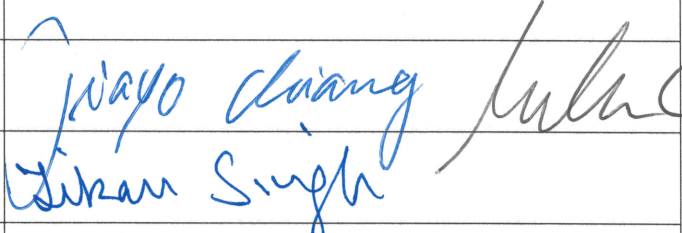
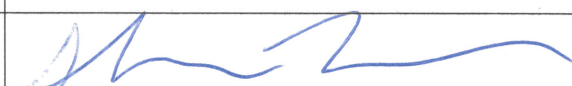
**6. Schedule next meeting date –** There will be a Special Facilities Committee meeting scheduled for Wednesday, February 15, 2017. The next regular Facilities Committee meeting is scheduled for Wednesday, March 1, 2017.

**ADJOURNMENT**

The meeting was adjourned at 11:13am.

**Northern California Power Agency  
February 1, 2017 Facilities Committee Meeting  
Attendance List**

NCPA Facilities Committee members are requested to sign, but signature by members of the public is voluntary.

MEMBER	NAME
ALAMEDA	
BART	
BIGGS	
GRIDLEY	
HEALDSBURG	
LODI	 Jaiyo Chang
LOMPOC	
PALO ALTO	
PLUMAS-SIERRA REC	
PORT OF OAKLAND	
ROSEVILLE	
SANTA CLARA	
TID	
UKIAH	



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