NOTICE OF MEETING AND WORKSHOP OF THE IEUA BOARD

OF THE

BOARD OF DIRECTORS

OF THE

Inland Empire Utilities Agency
A Municipal Water District

WILL BE HELD ON

WEDNESDAY, APRIL 6, 2016
10:00 A.M.

AT THE OFFICE OF THE AGENCY
6075 KIMBALL AVENUE, BUILDING A,
CHINO, CA 91708
AGENDA

MEETING AND WORKSHOP
OF THE
BOARD OF DIRECTORS

WEDNESDAY, APRIL 6, 2016
10:00 A.M.

INLAND EMPIRE UTILITIES AGENCY*
AGENCY HEADQUARTERS
6075 KIMBALL AVENUE, BUILDING A
CHINO, CALIFORNIA 91708

CALL TO ORDER
OF THE INLAND EMPIRE UTILITIES AGENCY BOARD OF DIRECTORS
WORKSHOP MEETING

FLAG SALUTE

PUBLIC COMMENT

Members of the public may address the Board on any item that is within the jurisdiction of the Board; however, no action may be taken on any item not appearing on the agenda unless the action is otherwise authorized by Subdivision (b) of Section 54954.2 of the Government Code. Those persons wishing to address the Board on any matter, whether or not it appears on the agenda, are requested to complete and submit to the Board Secretary a “Request to Speak” form which are available on the table in the Board Room. Comments will be limited to five minutes per speaker. Thank you.

ADDITIONS TO THE AGENDA

In accordance with Section 54954.2 of the Government Code (Brown Act), additions to the agenda require two-thirds vote of the legislative body, or, if less than two-thirds of the members are present, a unanimous vote of those members present, that there is a need to take immediate action and that the need for action came to the attention of the local agency subsequent to the agenda being posted.

1. ACTION ITEMS

A. RESOLUTION NO. 2016-4-4, INTENT TO AMEND REGIONAL SEWERAGE SERVICE CONTRACT

It is recommended that the Board:
1. Adopt Resolution No. 2016-4-4, declaring its intent to amend Sections 15 and 16 of the Regional Sewerage Service Contract; and

2. Set a Public Hearing date of June 15, 2016, at 10:00 a.m. for adoption of the proposed contract amendments.

2. **WORKSHOP**

**INLAND EMPIRE UTILITIES AGENCY'S GRANTS STRATEGIC PLAN WORKSHOP**

Materials related to an item on this agenda submitted to the Agency, after distribution of the agenda packet, are available for public inspection at the Agency's office located at 6075 Kimball Avenue, Chino, California during normal business hours.

3. **ADJOURN**

*A Municipal Water District

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Board Secretary (909) 993-1736, 48 hours prior to the scheduled meeting so that the Agency can make reasonable arrangements.

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**Declaration of Posting**

I, April Woodruff, Board Secretary of the Inland Empire Utilities Agency*, A Municipal Water District, hereby certify that a copy of this agenda has been posted by 5:30 p.m. at the Agency's main office, 6075 Kimball Avenue, Building A, Chino, CA on Thursday, March 31, 2016.

April Woodruff
Date: April 6, 2016

To: The Honorable Board of Directors

From: P. Joseph Grindstaff
       General Manager

Submitted by: Chris Berch
              Executive Manager of Engineering/Assistant General Manager

Sylvie Lee
Manager of Planning and Environmental Resources

Subject: Resolution No. 2016-4-4 Intent to Amend the Regional Sewage Service Contract

RECOMMENDATION

It is recommended that the Board of Directors:

1. Adopt Resolution 2016-4-4, declaring its intent to amend Sections 15 and 16 of the Regional Sewage Service Contract; and

2. Set a Public Hearing date for June 15, 2016, at 10:00 a.m. for adoption of the proposed contract amendments.

BACKGROUND

The Inland Empire Utilities Agency (IEUA) and its contracting agencies have developed a successful regional Recycled Water Program for both direct use and groundwater recharge. In 2000, the region identified that recycled water use was a critical component in drought-proofing and maintaining its economic growth. With imported water rates increasing and long-term imported supply reliability in decline, the region committed to aggressively and proactively develop local water supplies to offset these impacts. This set the path for the development of a regional recycled water distribution system.

While the foundational commitment to beneficial reuse of recycled water has remained unchanged, some fundamental concepts have been questioned over the past few years, particularly since 2011. This resulted in the region working together to develop Recycled Water (RW) Policy Principles to address the changes since the inception of the program. At this time, several contracting agencies are struggling with the inherent conflict between use in excess of “base entitlement”, as defined by the Regional Sewage Service Contract (Regional Contract), and the prioritization of direct use
over groundwater recharge. The struggle has led some contracting agencies to be concerned about their local benefit and perceived inequities.

In order to move forward together as a region, it was appropriate to reevaluate and affirm the regional RW Policy Principles prior to implementing any remaining significant system improvements to the Recycled Water Program and to clarify how these principles would govern the future benefits received by all IEUA contracting agencies.

Over the past several months, IEUA and the contracting agencies collectively provided input and guidance to finalize recommendations on the RW Policy Principles. The RW Policy Principles resulting from these discussions were unanimously approved during the January 28, 2016, and March 3, 2016, Regional Technical and Policy Committee meetings respectively. Additionally, the IEUA Board adopted the RW Policy Principles at its March 16, 2016, Board meeting.

Based on the adopted RW Policy Principles, staff has amended Sections 15 and 16 of the Regional Contract. The proposed amendments to the Regional Contract are summarized below:

- Amend language regarding Contracting Agency base entitlement and use above base entitlement.
- Add language defining method of providing replacement water for Contracting Agency use above entitlement.
- Add language defining temporary entitlement for the City of Chino until June 30, 2023.
- Add language defining surcharge rate for use exceeding temporary entitlement.
- Add language clarifying the Contracting Agencies acknowledge IEUA is currently meeting the Santa Ana River Judgement obligation with recycled water.
- Add language memorializing the 2013 IEUA/JCSD agreement which allows JCSD the right to purchase recycled water recharged in Management Zone 3 until 2025.
- Add language defining recycled water system operation priorities.
- Delete outdated language regarding entering into agreements for right of first purchase and exercise of base entitlement at various discharge points.

While IEUA and the contracting agencies have reviewed, discussed and agree with the Recycled Water Policy Principles that are the basis for the proposed amendments to Sections 15 and 16 of the Regional Contract, there is a general disagreement amongst the parties on the amendment process specified in section 30.B of the Regional Contract. The parties will continue to collaboratively work through the amendments to the Regional Contract, including section 30B, over the next several months. The parties acknowledge that regardless of the approval process used for this action, it will not set a precedent for future contract amendments.

The attached Resolution No. 2016-4-4, provides a notice of intent to amend Sections 15 and 16 of the Regional Contract. If the Board adopts Resolution No. 2016-4-4, notice will immediately be given to the contracting agencies and members of the Regional Policy Committee. The proposed contract amendments will be presented to the Regional Committees on May 26 and June 6, 2016,
Resolution of Intent to Amend Regional Contract
April 6, 2016
Page 3 of 3

respectively for action, with the public hearing being held on June 15, 2016, for Board adoption of the proposed amendment.

The proposed amendments to Sections 15 and 16 of the Regional Sewage Service Contract on Recycled Water is consistent with the Agency’s Business Goal of increasing Water Reliability by meeting the region’s need to develop reliable, drought-proof and diverse local water resources in order to reduce dependence on imported water supplies.

PRIOR BOARD ACTION

On March 16, 2016, the Board adopted the Recycled Water Policy Principles and directed staff to develop Regional Contract amendments.

IMPACT ON BUDGET

There will be no direct impact on the IEUA budget as a result of the proposed Regional Contract amendment.

Attachments:

1. Resolution No. 2016-4-4
2. Regional Contract Sections 15, 16 amendments – draft
Resolution of Intent to Amend Regional Contract

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Sylvie Lee

IEUA Board of Directors Meeting
April 2016
Regional Contract (RC) Amendment

- Amend Sections 15 & 16 of RC based on the RW Policy Principles

- RW Policy Principles:
  - Regional Technical Committee unanimously approved: Jan 2016
  - Regional Policy Committee unanimously approved: Mar 2016
  - Board adopted: March 2016
Key Proposed Changes to RC

- Defines Contracting Agency base entitlement
- Defines method of providing replacement water for Contracting Agency use above entitlement
- Defines temporary entitlement for City of Chino until 2023
- Defines surcharge rate for use exceeding temporary entitlement
Key Proposed Changes to RC

- Contracting Agencies acknowledge IEUA is currently meeting the Santa Ana River Judgement obligation with recycled water
- Memorializes the 2013 IEUA/JCSD agreement which allows JCSD right to purchase recycled water recharged in MZ3 until 2025
- Defines recycled water system operation priorities
- Deletes outdated sections
Schedule

- **April-May 2016: Member Agencies**
  - Advise Council’s/Board’s of Regional Contract Amendment

- **May 26, 2016: Technical Committee**
  - Proposed Regional Contract Amendment for Action

- **June 6, 2015: Policy Committee**
  - Proposed Regional Contract Amendment for Action

- **June 15, 2016: IEUA Board**
  - Public Hearing to adopt Regional Contract Amendment
Recommendation

1. Adopt Resolution 2016-4-4 declaring the intent to amend Sections 15 and 16 of the Regional Sewage Service Contract.

2. Set public hearing date for June 15, 2016 at 10 am for adoption of proposed contract amendments.

The development of the Recycled Water Policy Principles is consistent with the Agency's Business Goal of increasing Water Reliability by meeting the region's need to develop reliable, drought-proof and diverse local water resources in order to reduce dependence on imported water supplies.
RESOLUTION NO. 2016-4-4

RESOLUTION OF THE BOARD OF DIRECTORS OF THE
INLAND EMPIRE UTILITIES AGENCY*, SAN BERNARDINO
COUNTY, CALIFORNIA, DECLARING THE INTENT TO
AMEND SECTIONS 15 AND 16 OF THE CHINO BASIN
REGIONAL SEWAGE SERVICE CONTRACT

WHEREAS, Pursuant to Section 30.B of the Chino Basin Regional Sewer Service Contract (Regional Contract), the Board of Directors of the Inland Empire Utilities Agency must adopt a resolution declaring its intent to amend the Regional Contract; and

WHEREAS, the Inland Empire Utilities Agency and the Regional Contracting Agencies have reviewed, discussed and agree with the Recycled Water Policy Principles that are the basis for the proposed amendments to Sections 15 and 16 of the Regional Contract; and

WHEREAS, there is a disagreement between the Inland Empire Utilities Agency and several of the Regional Contracting Agencies on the interpretation of Section 30.B pertaining to amendments to the Regional Sewage Service Contract; specifically, whether the Inland Empire Utilities Agency is authorized to unilaterally initiate and approve amendments to the Regional Contract; and

WHEREAS, the Inland Empire Utilities Agency and the Regional Contracting Agencies agree that the proposed amendment does not serve as a plausible basis to pursue the dispute as to the proper interpretation of Section 30.B and therefore this amendment shall in no way set a precedent for future contract amendments and that any disputes regarding the interpretation of Section 30.B shall be reserved by the Parties;

NOW, THEREFORE, the Board of Directors of Inland Empire Utilities Agency* hereby RESOLVES, DETERMINES, AND ORDERS the following:

1. The Inland Empire Utilities Agency intends to amend the Regional Contract Sections 15 and 16 in accordance with the draft amendments attached hereto and hereby incorporated into this resolution.

2. A hearing on the question of adopting the amendments will be held at 10:00 a.m. on June 15, 2016, in the Inland Empire Utilities Agency Board room at 6075 Kimball Avenue, Building A, Chino, California.

Adopted this 6th day of April, 2016.

Terry Catlin
President of the Inland Empire Utilities Agency*
and the Board of Directors thereof
Resolution 2016-4-4
April 6, 2016
Page 2 of 3

ATTEST:

________________________
Steven J. Elie
Secretary of the Inland Empire Utilities Agency*
and the Board of Directors thereof

*A Municipal Water District
I, Steven J. Elie, Secretary/Treasurer of the Inland Empire Utilities Agency*, DO HEREBY CERTIFY that the foregoing Resolution being No. 2016-4-4 was adopted at a Regular Board meeting on April 6, 2016 of said Agency by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

______________________________  
Steven J. Elie 
Secretary of the Inland Empire Utilities Agency* 
and the Board of Directors thereof

* A Municipal Water District
Section 15. CONTROL AND DISPOSITION OF SEWAGE-CONTRACTING AGENCIES RIGHT OF PURCHASE OF RECYCLED WATER

A. General

Subject to the provisions of this Section 15 and Section 16, IEUA shall have total ownership and control of all sewage delivered into the Regional Sewerage System for the purpose of transmission, treatment and disposal thereof; subject to the right of first purchase by any Contracting Agency, the use of all recycled water from the Regional Sewerage System shall be within the sole discretion of IEUA. If any Contracting Agency exercises its right of first purchase of recycled water, then such agency shall have the total ownership and control of all recycled water delivered to it and the use thereof shall be within the sole discretion of that agency.

B. Right of Purchase of Recycled Water

Each Contracting Agency, at its option, shall have the right of first purchase of recycled water as provided in Section 16 hereof.

Section 16. SALE, BENEFICIAL USE OR DISPOSAL OF RECYCLED WATER

A. Purchase of Recycled Water from IEUA

Each Contracting Agency shall have the right of first purchase from IEUA of recycled water in a total quantity not exceeding the base entitlement of the Contracting Agency.

B. Base Entitlement of Contracting Agencies

Contracting Agency base entitlement will be determined based on wastewater contribution to the recycled water supply. Recycled water supply shall mean wastewater less normal processing losses resulting from the treatment of sewage. Base entitlement may be used for Santa Ana River discharge obligations, direct use and/or regional recharge.

C. Contracting Agency Use Above Base Entitlement
1. The use of recycled water above a Contracting Agency’s base entitlement, will require that Contracting Agency to provide replacement water, collected by IEUA, and passed on through the Chino Basin Watermaster to contracting agencies with surplus entitlement, with the exception of paragraph a below. Replacement water shall be provided in a quantity equivalent to the amount of use exceeding base entitlement.

a. Temporary Entitlement

i. Currently the City of Chino exceeds its base entitlement.

ii. Temporary entitlement shall be provided to the City of Chino for the time period of July 1, 2016 through June 30, 2023 and shall be based on the customers that were connected to the system in Fiscal Year 2014-15.

iii. The temporary entitlement for the City of Chino shall be 8,324 AFY based on the Fiscal Year 2014-15 usage.

iv. To the extent that annual usage for existing customers exceeds the temporary entitlement of 8,324 AFY, surcharges will apply for that year.

v. Commencing Fiscal Year 2016/17 any new customers shall have the surcharge rate apply, until such time the usage is less than base entitlement.

2. If use exceeds base entitlement, groundwater recharge allocations will be curtailed and redistributed to other Contracting Agencies with surplus entitlement through Chino Basin Watermaster.

3. The annual amount of replacement water for any Contracting Agency exceeding entitlement will be calculated by IEUA as a reconciliation on the annual usage and the base entitlement, within 90 days following the end of each fiscal year. IEUA shall send written notice to all Contracting Agencies setting forth the amount of replacement
water that the respective Contracting Agency is required to provide from sources, and in the manner set forth below.

4. Any Contracting Agency exceeding its base entitlement shall provide replacement water by one of the following means:
   a. Stored water in the Chino Groundwater Basin,
   b. Acquisition of another contracting agency’s unused entitlement, or
   c. Payment of surcharge rate to IEUA per the rate resolution in effect.

5. Contracting Agencies exceeding entitlement that have alternative means of providing replacement water shall provide documentation of the source and amount of replacement water to IEUA within 90 days following reconciliation of the usage.
   a. If Contracting Agency exceeding entitlement pursues transfer of stored groundwater through Chino Basin Watermaster, IEUA shall verify the replacement water and calculate the quantities of replacement water for Contracting Agencies with surplus entitlement.
   b. If Contracting Agency exceeding entitlement acquires entitlement from another agency, the Contracting Agency exceeding entitlement shall provide such written documentation confirming the transaction to IEUA.

6. If Contracting Agency exceeding entitlement has not provided the required documentation for replacement water within 90 days of notification from IEUA, IEUA shall bill Contracting Agency the surcharge rate for replacement water.

7. If IEUA purchases replacement water, the purchase will occur within 12 months following the surcharge payment by the Contracting Agency, beginning with the lowest cost water. The Contracting Agency obligated to purchase replacement water shall pay
the established groundwater recharge allocation rate, or the then established rate by IEUA for the replacement water. IEUA will calculate the quantities of credit of replacement water for affected Contracting Agencies.

8. If IEUA is requested, in writing, by a Contracting Agency for credit towards the replacement water in lieu of the replacement water, IEUA shall credit the Contracting Agency within 90 days of such notice from the Contracting Agency.

D. Delivery Points

Unless otherwise agreed by IEUA, the delivery point or points of any Contracting Agency exercising its rights of first purchase of recycled water shall be approved by IEUA and shall be the discharge point or points of each Regional Treatment Plant or from the IEUA Regional Recycled Water System. The IEUA Regional Recycled Water System shall mean the system commencing from the recycled water pump stations at the Regional Treatment Plant, including the distribution pipelines and ancillary facilities to the discharge point.

E. Recycled Water System Operation

1. The regional recycled water system will be operated based on the following priorities for recycled water deliveries:
   
   a. Minimal operational discharges (instrumentation, environmental obligations such as regulatory requirements or habitat flow, etc.)
   b. Contracting Agency deliveries
   c. Regional groundwater recharge

2. IEUA and the Contracting Agencies shall meet peak recycled water direct demands through coordinated demand management of recycled water deliveries. To ensure that overall regional demands are reliably met, IEUA shall coordinate with the Contracting
Agencies to install pressure sustaining equipment, in conjunction with the users with demands greater than 200 AFY. IEUA shall install and maintain the pressure sustaining valves for existing customers.

F. **Delivery Facilities and Costs of Delivery of Recycled water**

Delivery facilities shall consist of any facilities for the delivery of recycled water from the point of discharge of any Regional Treatment Plant to the point of use of the effluent. IEUA or any Contracting Agency may, at its own expense, acquire, construct, or make a contribution toward the financing of capital costs and maintenance and operation of any delivery facilities. IEUA, or any Contracting Agency or Agencies or any combination thereof, may provide for delivery facilities by contract entered into between or among themselves or with any other person or public or private entity.

G. **Price for Purchase of Recycled water**

Any Contracting Agency exercising the right of first purchase of recycled water shall be entitled to take delivery thereof at no cost, except for the costs of delivery, if any, of IEUA.

H. **Use of Purchased Recycled water**

Any Contracting Agency exercising its right of first purchase of recycled water may make any lawful use thereof, including beneficial use, sale, or other disposal and shall be entitled to retain all revenues received by it as a result thereof.

I. **Contract for Joint Exercise or Transfer of Rights of First Purchase**

Subject to the rights of IEUA hereunder, any or all of the Contracting Agencies may be contract provided for the joint exercise of any of their respective rights of first purchase of recycled water or for the sale, exchange or transfer of such rights. Certified copies of all such contracts shall be filed with IEUA by the parties thereto.
J. Disposition by IEUA of Unclaimed Recycled Water

To the extent that any of the Contracting Agencies fail to exercise their respective rights of first purchase of recycled water, IEUA may make any lawful use of such effluent, including beneficial use, sale or other disposition inside or outside the Chino Basin; provided, that:

1. IEUA shall not, for a consideration, sell or otherwise dispose of any recycled water for beneficial use inside the Chino Basin without review and approval by a majority of the Contracting Agencies; and

2. If IEUA, for consideration, sells or otherwise disposes of any recycled water for beneficial use inside or outside the Chino Basin, any portion of the consideration in excess of IEUA’s net audited costs of reclamation and delivery shall be credited to the recycled water fund.

3. The Contracting Agencies acknowledge that IEUA is currently meeting the Santa Ana River Judgment obligation with recycled water.

4. The Contracting Agencies acknowledge that Jurupa Community Services District (JCSD) shall have the right to purchase up to 20% of the recycled water recharged in Chino Groundwater Basin Management Zone No. 3 (MZ-3). Regardless of the volume of recycled water recharged in MZ-3, the volume available to JCSD to purchase shall not exceed 950 acre-feet per year, reduced proportionally based on new groundwater recharge (imported or stormwater) recorded by Chino Basin Watermaster for the prior fiscal year, but not less than 750 acre-feet per year, as described in the 2013 Agreement between IEUA and JCSD which expires on September 7, 2025.

K. Measurement of Recycled Water

IEUA shall install, maintain, and operate measuring devices and equipment for the
measurement of deliveries of recycled water to the Contracting Agencies at a location or locations mutually agreed upon by IEUA and the Contracting Agencies. The measuring devices and equipment shall be examined, tested and serviced regularly to insure their accuracy. At any time, IEUA or any Contracting Agency may inspect any measuring devices and equipment and all records and measurements taken therefrom.

L. Notice of Proposed Delivery

Prior to the commencement of each fiscal year, notice of the delivery of recycled water shall be given as follows:

1. Request by IEUA

Between the first day of January and the first day of March of each year, IEUA shall request each Contracting Agency to provide IEUA with a schedule of new connections for the next five fiscal years with an estimated demand per customer.

2. Response by Contracting Agencies

Within 30 days of the date of each such request by IEUA, each Contracting Agency shall provide IEUA with the schedule requested pursuant to subpart 1 above; provided that if a Contracting Agency does not intend to exercise its right of first purchase, it need not respond in any manner to IEUA.
Grant Strategic Plan

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Jason Gu
Grants Officer
Grant Management Cycle

* Pre-Award Activities
  * Identify Grant Opportunities
  * Develop Proposal Concepts
  * Grant Application Teams

* Post-Award Activities
  * Negotiate Grant Contracts
  * Manage Grant Awards
  * Grants Audit & Closeout
Overview IEUA Grant Activities (Year 2000-2015)

* Grants & SRF Loans Secured - $420 Million

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<tr>
<th>Government/Type</th>
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<tr>
<td>State/Grant</td>
<td>$ 196</td>
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<tr>
<td>Federal/SRF</td>
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<td>Local/Grant</td>
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<td><strong>Total</strong></td>
<td><strong>$ 420</strong></td>
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State Grants | SRF Loans | Federal Grants | Local Grants
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## Grants $269 Million Detail

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<td>USBR</td>
<td>U.S. Bureau of Reclamation</td>
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<td>Metropolitan Water District</td>
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<td>Department of Water Resources</td>
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<td>California Energy Commission</td>
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<td>Department of Energy</td>
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## SRF Loans $151 Million Detail

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<td>1630E Recycled Water Pipeline</td>
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<td>Victoria Basin Monitoring Wells</td>
<td>1.00%</td>
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<td>16</td>
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<td>RP-1 Dewatering Facility Expansion</td>
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<td>19</td>
<td>2014</td>
<td>Central/Wineville Area Recycled Water</td>
<td>1.00%</td>
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</table>

**Grand Total** | $151,065,955
### $70M Interest Saving, 20-year SRF Loan ($151M)

#### $151 million Bond @ 5%

<table>
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<td>$11,545</td>
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**Interest Cost Saving in 20-years = $69,566**

#### $151 million SRF Loan @ 1.32%

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<td>$654</td>
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<td>$113</td>
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<td>$8,644</td>
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</table>

**Interest Cost Saving Present Value @ 1.32% = $53,517**

### Present Value Summary

- **PV of Interest Cost Saving:**
  - **Total:** $172,872
  - **Present Value:** $53,517
  - **Present Value of Savings:** $26,219
Capital Program Funding Sources

Years 2007-2017

FY 2002-2017 TYCIP Funding Sources

15-Year Average

3-Year Average

Grants 15%
SRF Loans 20%
Bonds 16%
Pay-Go 45%

Grants 15%
SRF Loans 39%
Bonds 16%
Pay-Go 46%

FY 2010-11 FY 2010-11 FY 2010-11 FY 2010-11 FY 2010-11
Pay-Go $60 $40 $20 $20 $20
SRF Loans $0 $0 $0 $0 $0
Bonds $80 $80 $80 $80 $80
Grants $120 $120 $120 $120 $120

 Millions

Inland Empire Utilities Agency
A Municipal Water District
# State Propositions for Water Projects

<table>
<thead>
<tr>
<th>Year</th>
<th>Proposition</th>
<th>Description</th>
<th>$ Amount (Million)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>Proposition 50</td>
<td>The Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002</td>
<td>$3,440</td>
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<tr>
<td>2006</td>
<td>Proposition 84</td>
<td>The Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006</td>
<td>$5,388</td>
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<tr>
<td>2014</td>
<td>Proposition 1</td>
<td>The Water Quality, Supply, and Infrastructure Improvement Act of 2014</td>
<td>$7,545</td>
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</table>
# IEUA & Regional Funding

## Key Areas

<table>
<thead>
<tr>
<th>Key Programs</th>
<th>$ Million</th>
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<tbody>
<tr>
<td>Renewable Energy</td>
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</tr>
<tr>
<td>Conservation</td>
<td>$14</td>
</tr>
<tr>
<td>Wastewater Treatment</td>
<td>$49</td>
</tr>
<tr>
<td>Groundwater Sustainability</td>
<td>$59</td>
</tr>
<tr>
<td>Safe Drinking Water</td>
<td>$117</td>
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<tr>
<td>Recycled Water</td>
<td>$171</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>$420</strong></td>
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</table>
## State Prop 1 Funding Areas

<table>
<thead>
<tr>
<th>Proposition 1</th>
<th>$ Amount (Million)</th>
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<tbody>
<tr>
<td>Regional Water Reliability</td>
<td>$810</td>
</tr>
<tr>
<td>Water Storage Capacity</td>
<td>$2,700</td>
</tr>
<tr>
<td>Water Recycling</td>
<td>$725</td>
</tr>
<tr>
<td>Groundwater Sustainability</td>
<td>$900</td>
</tr>
<tr>
<td>Safe Drinking Water</td>
<td>$520</td>
</tr>
<tr>
<td>Watershed Protection and Flood Management</td>
<td>$1,890</td>
</tr>
</tbody>
</table>

**Total**                                            **$7,545**

### Pie Chart

- **Regional Water Reliability**: $810
- **Water Storage Capacity**: $2,700
- **Water Recycling**: $725
- **Groundwater Sustainability**: $900
- **Safe Drinking Water**: $520
- **Watershed Protection and Flood Management**: $1,890

---

Inland Empire Utilities Agency
A Municipal Water District

11 of 30

IEUA Board Workshop
April 2016
Strategic Grant Planning
(Planning the Next 10 Years)
Recycled Water Funding Accomplishments

* $250M in Capital Invested to Date
* $162M, or 64% Funded by Grants and SRF Loan
* 80 Miles of Pipeline, 4 Pump Stations and 5 Reservoirs
Recycled Water
Near Term Funding Strategy

* In Progress

<table>
<thead>
<tr>
<th>Application Submitted</th>
<th>Grant</th>
<th>SRF Loan</th>
<th>Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015 Drought Relief IEUA-Ontario Recycled Water Distribution System Optimization Project</td>
<td>$15,000,000</td>
<td>$38,871,500</td>
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<td>Joint IEUA - JCSD Regional Water Recycling Project</td>
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<td>$37,460,000</td>
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<td>Pomona-MVWD-IEUA Recycled Water Intertie Project</td>
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<td>$51,896,000</td>
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<td><strong>Total</strong></td>
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<td><strong>$113,227,500</strong></td>
<td><strong>$158,227,500</strong></td>
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</table>

* Future Funding Opportunities & Projects
  * SWRCB Prop 1 Grants and CWSRF Loan
  * USBR Title XVI Recycled Water Funding for CVWD
Groundwater Recharge

Funding Accomplishments

* $116M in Grant Related Capital Projects Invested to Date
* $58M, or 50% Funded by Prop 13, and Prop 50 Grants
  * CBFIP GW Recharge Basin Improvements ($19M)
  * Dry Year Yield Grant from MWD ($27.5M)
  * DWR Chino Basin Groundwater Conjunctive Use ($10M)
## Groundwater Recharge (RMPU)
### Near Term Funding Strategy

<table>
<thead>
<tr>
<th>Project</th>
<th>RW (AFY)</th>
<th>SW (AFY)</th>
<th>Agency</th>
<th>Funding Program</th>
<th>Grant</th>
<th>SRF Loan</th>
<th>Total</th>
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<tbody>
<tr>
<td>CSI Storm Water Basin</td>
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<td>SWRCB</td>
<td>CWSRF Loan</td>
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<td>Wineville PS to Jurupa, Jurupa PS to RP3 Basin and RP3 Improvement</td>
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<td>Prop 1 Storm Water CWSRF Loan</td>
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<td>Drought Resilient</td>
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<td>East Declez Basin</td>
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<td>Victoria Basin</td>
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<td>CWSRF Loan</td>
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<td>San Sevane Basin Improvement Project</td>
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<td>WaterUse Efficiency</td>
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<td>Lower Day Basin</td>
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<td>Prop 84 Safe Drinking CWSRF Loan</td>
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16 of 30
Drinking Water Program

Funding Accomplishments

* $300M in Capital Invested to Date
* $117M, or 39%, Managed by IEUA
  * Prop 13 $39 million CDA I Construction
  * Prop 50 $52 million CDA II Construction
  * Prop 84 $10 million CDA II Construction
  * Federal Title XVI $14 million CDA II Construction
Drinking Water
Near Term Funding Strategy

* In Progress

<table>
<thead>
<tr>
<th>Application Submitted</th>
<th>Grant</th>
<th>Project Cost</th>
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<tbody>
<tr>
<td>USBR Title XVI Grant for CDA II Phase 3 Expansion</td>
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<td>Prop 1 Groundwater Quality TCE Plume Cleanup</td>
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<td><strong>Total</strong></td>
<td><strong>$23,000,000</strong></td>
<td><strong>$73,000,000</strong></td>
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* Future Grant Funding Opportunities & Projects

* SWRCB Prop 1 DWSRF Loan Program
* SWRCB Prop 1 Groundwater Quality Grant
* CDA II Expansion Project
* CVWD Biological Water Treatment Project
* TCE Plume Cleanup
Water Conservation
Funding Accomplishments

* $19 Million invested by IEUA for the Water Use Efficiency Demand Reduction Program (10 years)
* $13.6 Million, or 72%, funded by Federal and State Grants including $4 Million funding contributed by MWD
**Water Conservation**  
**Near Term Funding Strategy**

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<th>Future Applications</th>
<th>Grant application</th>
<th>Total Project</th>
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<td>USBR Drought Resiliency Implementation Grant</td>
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<tr>
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- **USBR WaterSMART Water Use Efficiency Grant**
- **DWR Prop 1 Regional Water Reliability Grant**
- **MWD Conservation Grant Program**
- **USBR Agricultural Water Use Efficiency Grant**
Wastewater Treatment Facility

Funding Accomplishments

* $27M ARRA 0% ARRA SRF loan - RP-1 Dewatering Facility
* $17.1M SRF Loan & Grant – Water Quality Laboratory
## Wastewater Treatment

### Funding Strategy

<table>
<thead>
<tr>
<th>Applications</th>
<th>Grant</th>
<th>SRF Loan</th>
<th>Project Cost</th>
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<td>Small Community Wastewater Grant</td>
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<td>RP-1/RP-5 Preliminary Design Report</td>
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<td>RP-1 Liquids &amp; Solids Treatment Design/Construction</td>
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<td>$112,000,000</td>
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<tr>
<td><strong>Total</strong></td>
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<td><strong>$352,000,000</strong></td>
<td><strong>$376,500,000</strong></td>
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</tbody>
</table>

* SWRCB Prop 1 Grant & Clean Water SRF loan Program*
Energy & Renewable Energy

Funding Accomplishments

* $10M in Energy/Renewable Energy Grant
  * $2.7 Renewable Energy Efficiency Program
  * $4.9M Food Waste Digesters

Inland Empire Utilities Agency
A Municipal Water District

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IEUA Board Workshop
April 2016
Energy & Renewable Energy

Funding Strategy

* DOE – Micro-Turbines $3 Million
* EPA - Lighting and HVAC upgrades $0.5 Million
* CEC – Energy Storage $1.5 Million
* EPA – Mitigating Greenhouse Gas Impact
* Organic Food Waste Diversion to Wastewater Treatment Plants – Funding Programs TBD
* Post-Grant Award Activities
  * Negotiate Grant Agreements
  * Manage Grants Compliance & Oversight
  * Grant Audit and Close out

* Nature of Grant Life Cycle
  * Routine Deadlines & Compliance
  * Dealing with “Strings” attached to Grants
  * Cumulative, Asynchronous, & Non-repetitive
Grants Department
Organizational Chart

Executive Manager of Engineering/Assistant General Manager

Grants Officer

Deputy Grants Officer (Vacant)

Administrative Assistant II

Intern (Vacant)

Grant Acquisition

Grants Administrator

Grants Administrator (LT)

Grant Compliance

Senior Accountant

Compliance Accountant (LT)

Accountant II (LT)
Grants Compliance

* Grants Compliance & Internal Control
  * Federal Grant Single Audit Requirement
  * Buy American Act & Buy American Iron & Steel
  * Labor Compliance & Davis-Bacon Act
  * Disadvantaged Business Enterprise (DBE)
  * Streamline CEQA processes in grant application
  * Construction Bid Process, Schedule and Grant Synchronization

* Federal Uniform Grant Guidance
  * Close communication with Contract and Procurement Department
  * Improve Grant Reporting and Fully Utilize Grant Funding
  * Grant Reimbursement & Match Share Use Oversight
Grants Department
Administration Priorities

* Grant Strategic Plan & Updates
* Develop Grant Policies
* Enhance Centralized Grant Management
* SAP Grant Management Module
* Grant Management Database
* Enhance Grant Seeking Collaborative Efforts
* Staff Development & Succession Plan
Feedback & Next Steps

* **Reaffirm Agency Goals**
  * IEUA will continue to pursue funding for regional partners
  * SRF funding shall be primary funding mechanism for debt
  * IEUA planning/environmental documents developed to strategically set course for future grant funding priorities

* **Pursue Immediate Funding Needs**
  * RMPU Plan Applications - $63M
  * Water Recycling Applications - $158M
  * TCE Plume Cleanup Applications - $12M
  * RP-1/RP-5 Facilities Upgrades - $250M
  * Coordination with SAWPA - $60M