BEFORE THE PUBLIC UTILITIES COMMISSION



STATE OF CALIFORNIA



FILED03/03/22
01:05 PM
A2010018

ADMINISTRATIVE LAW JUDGE GARRETT TOY, presiding

Description of Southern California (Catalina Water Utility and Recover (Costs from Water and Electric (Customers.)

Description (Costs from Water and Electric (Customers) (Costs from Water and Electric (Customers) (Custome

REPORTERS' TRANSCRIPT
Virtual Proceeding
February 24, 2022
Pages 131 - 284
Volume 2

1	INDEX	
2	MIDNEGGEG	DAGE
3	WITNESSES:	PAGE
4	ROSALIE BARCINAS	1.62
5	Direct Examination By Mr. Sung Cross-Examination By Ms. Fisher Redirect Examination By Mr. Sung	163 165 195
6	Recross-Examination By Ms. Fisher	199
7	Cross-Examination By Mr. Finkelstein	200
8	Redirect Examination By Mr. Sung Recross-Examination By Mr.	219 221
9	Finkelstein	
10	ROSALIE BARCINAS (resumed) Cross-Examination By Mr. Bishton	226
11	Redirect Examination By Mr. Sung Recross-Examination By Mr.	272 274
12	Bishton Examination By ALJ Toy	277
13		
14		
15		
16	Exhibits: Iden. Evid.	
17	SCE-01 140 SCE-01E 140	
18	SCE-01WP 141 SCE-02 141	
19	SCE-02E 141 SCE-02WP 142	
20	SCE-03 142 SCE-03E 142	
21	SCE-03WPpt1 143 SCE-03WPpt2 143	
22	SCE-03WPpt3 143 SCE-03WPpt4 143	
23	SCE-04 144 SCE-04WP 144	
24	SCE-05 145 SCE-05WPpt01 145	
25	SCE-05WPpt02 145 SCE-06 145	
26	SCE-06E 146 SCE-06WP 146	
27	SCE-07 146 SCE-07WP 147	
28	SCE-08 147 SCE-08WP 147	

```
1
    SCE-09 and SCE-10
                              148
    SCE-10WP-C
                              148
 2
    Cal Advocates-01
                              149
    Cal Advocates-X-01
                              149
 3
    Cal Advocates-X-02
                              149
    Cal Advocates-X-03
                             150
    Cal Advocates-X-04
 4
                              150
    Cal Advocates-X-05
                              150
 5
    Cal Advocates-X-06
                              150
    Cal Advocates-X-07
                              151
 6
    TURN-01E
                              154
    TURN-02
                              154
 7
    CP-01
                              156
    CP-02
                              156
 8
    CP-03
                              156
                              157
    CP-04
 9
    CP-05
                              157
    CP-06
                              157
10
    CP-07
                              157
    CP-08
                              157
11
    CP-09
                              158
    CP-10
                              158
12
    CP-11
                              158
    CP-12
                              158
13
    CP-13
                              159
                              159
    CP-14
14
    CP-15
                              159
    CP-16
                              159
15
    CP-17
                              159
    CP-18
                              160
    CP-19
                              160
16
17
18
19
20
2.1
22
23
24
25
26
27
28
```

1	VIRTUAL PROCEEDING
2	FEBRUARY 24, 2022 - 9:00 A.M.
3	* * * *
4	ADMINISTRATIVE LAW JUDGE TOY: The
5	Commission will come to order. We are on the
6	record.
7	This is this the time and place for
8	evidentiary hearing for Application 20-10-018
9	Southern California Edison's General Rate
10	Case for the Class C Catalina Island Water
11	Utility.
12	It is 9:00 a.m. on February 24th,
13	2022. I am Administrative Law Judge Garrett
14	Toy, and I'm the presiding officer of this
15	proceeding. The assigned Commissioner is
16	Commissioner Genevieve Shiroma. Commissioner
17	Shiroma is not present today, but her
18	advisors will be listening in to the
19	evidentiary hearings as they continue.
20	The ground rules for this
21	evidentiary hearing are as follows: All
22	counsel and parties agree to adhere to all
23	formal rules of decorum.
24	All counsel and parties will be
25	muted on entering the Webex hearing. The
26	judge will call upon each person directly to
27	speak. If it is not your turn to speak or
28	you wish to have the opportunity to be heard,

please use the hand button next to your name 1 2. or raise your hand in your picture. Please identify yourself when first speaking unless 3 you are the primary attorney questioning a 4 witness. 5 Only the judge and the speaking 6 7 party may be visible on the screen. If you have not been identified by the judge to 8 9 speak, you might be muted and will not be visible. 10 11 The speaking party must have operational video and audio. 12 recommends headphones to reduce background 13 noise and ensure optimal sound quality. 14 15 Webex also suggests Google Chrome to run this 16 application. If there are technical issues, I 17 18 have reserved a conference line, which I will e-mail out to the service list in the event 19 20 of an equipment failure. 21 Counsels for SCE, would you please identify yourself and spell your name fully 22 2.3 for the court reporter? MR. SUNG: Paul Sung for SCE, P-a-u-l 24 25 S-u-n-q. 26 MR. FU: Victor Fu also appearing on behalf of SCE, V-i-c-t-o-r F-u. 27 2.8 Thank you. And will any ALJ TOY:

```
others be representing SCE in today's
 1
 2
    hearing?
 3
          MR. SUNG: No, your Honor.
          ALJ TOY: Representative for the Public
 4
    Advocates Office, would you please identify
 5
 6
    yourself and spell your name?
 7
          MS. FISHER: Yes, your Honor. Emily
    Fisher, E-m-i-l-y F-i-s-h-e-r.
 8
 9
          ALJ TOY: And will any others be
10
    representing the Public Advocates Office in
11
    today's hearing?
12
          MS. FISHER: No, your Honor.
13
          ALJ TOY:
                    Thank you.
14
              Representative for the Catalina
15
    Parties, would you please identify yourself
16
    and spell your name?
17
          MR. BISHTON: My name is Norris
18
    Bishton, B-i-s-h-t-o-n. I represent the
19
    Catalina Parties.
          ALJ TOY: And will any others be
2.0
21
    representing the Catalina Parties in today's
22
    hearing?
23
          MR. BISHTON: No one else.
24
          ALJ TOY:
                    Thank you.
25
              The representative for The Utility
26
    Reform Network, please identify yourself and
27
    spell your name?
2.8
          MR. FINKELSTEIN: Thank you, your Honor
```

```
Robert Finkelstein, F, as in "Frank,"
 1
    i-n-k-e-l-s-t-e-i-n on behalf of TURN.
 3
          ALJ TOY: And will any others be
    represent TURN in today's hearing?
 4
 5
          MR. FINKELSTEIN: No, your Honor.
          ALJ TOY:
 6
                    Thank you.
 7
              In the (indecipherable) on
    evidentiary hearing was filed in December.
 8
 9
    The parties stated that they expected the
    hearings be held remotely. I'm going to
10
11
    check again.
12
              Do any of the parties have a protest
13
    to holding these hearings remotely?
              Starting with SCE.
14
15
          MR. FU: No, your Honor.
16
          ALJ TOY: Public Advocates Office?
17
          MS. FISHER: No, your Honor.
18
          ALJ TOY: Catalina Parties?
19
          MR. BISHTON:
                        No, your Honor.
2.0
          ALJ TOY:
                    TURN?
21
          MR. FINKELSTEIN:
                            No, your Honor.
22
          ALJ TOY: Great.
                             Thank you.
              Off the record.
23
24
              (Off the record.)
25
          ALJ TOY: Let's go back on the record.
26
              We're going to go through the
27
    attorney attestations now, and then I will
    ask each attorney whether they have any
2.8
```

issues with the attestations. 1 2 Attorneys attest that they agree to the witness testimony and exhibits being 3 presented via Webex. 4 Attorneys attest that they agree to 5 the oath of remote witnesses being received 6 7 by Webex communication. Attorneys attest that they agree to 8 adhere to all formal rules of decorum 9 10 including the prohibition against coaching 11 witnesses. 12 Attorneys attest that they agree that they will not make any recording of the 13 proceeding. 14 15 Attorneys attest that they 16 understand that any recording of the proceeding held by Webex and/or 17 18 teleconference including screenshots or other visual copying of the hearing is absolutely 19 prohibited. 2.0 21 Attorneys attest that they understand that a violation of these 22 2.3 prohibitions may result in sanctions, restricted entry to future hearings, denial 24 of entry to future hearings, or any other 25 sanctions deemed necessary by the Commission. 26 27 Attorneys attest that during the evidentiary hearing, they will use only the 2.8

```
exhibits premarked and identified by parties.
 1
 2
              Attorneys attest that they agree
    that during the evidentiary hearing they will
 3
    not use documents not previously shared with
 4
 5
    the opposing parties.
 6
              Mr. Sung, do you agree to these
 7
    statements?
          MR. SUNG: Yes, your Honor.
 8
          ALJ TOY: Mr. Fu?
 9
10
          MR. FU: Yes, your Honor.
11
          ALJ TOY: And everyone please give your
12
    name as requested by our court reporter.
          MR. FU: Victor Fu. Yes, your Honor.
13
14
          ALJ TOY: Mr. Bishton?
15
          MR. BISHTON: Norris Bishton. Yes, I
16
    agree.
          ALJ TOY: Thank you.
17
18
              Emily Fisher?
          MS. FISHER: Emily Fisher. I agree.
19
20
    Thank you.
21
          ALJ TOY: Okay.
              Mr. Finkelstein?
22
          MR. FINKELSTEIN: Robert Finkelstein.
23
24
    Yes, I agree.
25
          ALJ TOY:
                    Great. Thank you.
              Off the record for a second.
26
27
              (Off the record.)
2.8
          ALJ TOY: Okay. We'll go back on the
```

1	record. We will move on to marking exhibits
2	now.
3	I have before me the Joint
4	Preliminary Exhibit List served by SCE. And
5	while off the record, we discussed
6	administrative issues regarding marking. We
7	will be marking the Catalina Party exhibits
8	after lunch while they sort out some
9	duplicate issues in their exhibits.
10	Starting with SCE's exhibits, I have
11	the document preliminarily marked SCE-01,
12	Testimony Supporting Southern California
13	Edison Company's Application for Authority to
14	Increase for its Class C Catalina Water
15	Utility and Recover Rates from Water and
16	Electric Customers - Policy.
17	And I will take that and mark as
18	SCE-01.
19	(Exhibit No. SCE-01 was marked for identification.)
20	Identification.)
21	ALJ TOY: I have SCE-01E, Errata
22	Testimony Supporting Southern California
23	Edison Company's Application for Authority to
24	Increase Rates in its Class C Catalina Water
25	Utility and Recover Costs from Water and
26	Electric Customers - Policy.
27	And I'll be marking that as SCE-01E.
28	(Exhibit No. SCE-01E was marked for identification.)

1	
2	ALJ TOY: I have a document
3	preliminarily marked by SCE as WPSCE-01,
4	Workpapers to Southern California Edison's
5	SCE-01 Testimony - Policy. I will be mark
6	that as SCE-01WP.
7	(Exhibit No. SCE-01WP was marked for
8	identification.)
9	ALJ TOY: I have a document
10	preliminarily marked SCE-02, titled
11	"Testimony Supporting Southern California
12	Edison Company's Application for Authority to
13	Increase Rates for its Class C Catalina Water
14	Utility and Recover Costs from Water and
15	Electric Customers - Operations."
16	And I'll be marking that as SCE-02.
17	(Exhibit No. SCE-02 was marked for identification.)
18	identification.)
19	ALJ TOY: I have a document
20	preliminarily marked SCE-02E, titled "Errata
21	Testimony Supporting Southern California
22	Edison Company's Application for Authority to
23	Increase Rates for its Class C Catalina Water
24	Utility and Recover Costs from Water and
25	Electric Customers - Operations."
26	I'll be marking that as SCE-02E.
27	(Exhibit No. SCE-02E was marked for identification.)
28	TUGIICITTCACTOII./

1	ALJ TOY: I have a document
2	preliminarily titled by SCE as WPSCE-02
3	yeah 02. Workpapers to SCE-02 -
4	Operations.
5	I'll be preliminarily marking that
6	as SCE-02WP.
7	(Exhibit No. SCE-02WP was marked for identification.)
8	
9	ALJ TOY: I have a document
10	preliminarily marked by SCE as SCE-03, tiled
11	"Testimony supporting California Edison
12	Company's Application for Authority to
13	Increase Rates for its Class C Catalina Water
14	Utility and Recover Costs from Water and
15	Electric Customers - Capital Projects."
16	I'll be marking that as SCE-03.
17	(Exhibit No. SCE-03 was marked for identification.)
18	
19	ALJ TOY: I have a document
20	preliminarily marked by SCE as SCE-03E,
21	titled "Errata Testimony supporting Southern
22	California Edison Company's Application for
23	Authority to Increase Rates for its Class C
24	Catalina Water Utility and Recover Rates from
25	Water and Electric Customers - Capital
26	Projects."
27	I'll be marking that as SCE-03E.
28	(Exhibit No. SCE-03E was marked for identification.)

```
1
 2
          ALJ TOY: We have four documents marked
    WPSCE-03PT01, WPSCE-03PT02, WPSCE-03PT03,
    WPSCE-03PT04. And these are workpapers in
 5
    support of SCE's Exhibit 3, Capital Projects.
    And these parts 1, 2, 3, and 4.
 7
              I will be remarking these as
    SCE-03WPpt1, or part 1;
 8
 9
              Part 2 will be remarked as
10
    WPSCE-03pt2;
              Part 3 will be marked as -- I'm
11
12
    sorry. Strike that.
              Can -- off the record.
13
              (Off the record.)
14
15
          ALJ TOY: Back on the record.
16
              I misspoke just now. Part 2 will be
17
    marked as SCE-03WPpt2.
18
              Part 3 will be marked as
19
    SCE-03WPpt3.
              Part 4 will be marked as
20
21
    SCE-03WPpt4.
22
              (Exhibit No. SCE-03WPpt1 was marked
              for identification.)
23
24
              (Exhibit No. SCE-03WPpt2 was marked
              for identification.)
25
26
              (Exhibit No. SCE-03WPpt3 was marked
              for identification.)
27
              (Exhibit No. SCE-03WPpt4 was marked
28
              for identification.)
```

1	
2	ALJ TOY: I have a document
3	preliminarily marked as SCE-04, Testimony
4	Supporting Southern California Edison
5	Company's Application for Authority to
6	Increase Rates for its Class 3 Catalina Water
7	Utility and Recover Costs from Water and
8	Electric Customers/Rate Base, Depreciation
9	Expense, and Taxes.
10	And I'll mark that as SCE-04.
11	(Exhibit No. SCE-04 was marked for identification.)
12	rdentification.,
13	ALJ TOY: I have an exhibit
14	preliminarily marked as WPSCE-04, Workpapers
15	in Support of SCE-04 - Rate Base,
16	Depreciation Expense, and taxes.
17	I will be remarking that as
18	SCE-04WP.
19	(Exhibit No. SCE-04WP was marked for identification.)
20	raciierricacion.,
21	ALJ TOY: I have the exhibit
22	preliminarily marked as SCE-05, titled
23	"Testimony Supporting Southern California
24	Edison Company's Application for Authority to
25	Increase Rates for its Class 3 Catalina Water
26	Utility and Recover Costs from Water and
27	Electric Customers - Memorandum and Balancing
28	Accounts."

1	I'll be marking that as SCE-05.
2	(Exhibit No. SCE-05 was marked for identification.)
3	identification.)
4	ALJ TOY: I have the exhibit
5	preliminarily marked as WPSCE-05PT01,
6	Workpapers in Support of SCE-05 Memorandum
7	and Balancing Accounts.
8	And I also have WPSCE-05PT02, Part 2
9	of the Workpapers in Support of SCE-05
10	Memorandum and Balancing Accounts. I'll be
11	remarking these as SCE-05WPpt01.
12	And part 2 will be remarked as
13	SCE-05WPpt02.
14	(Exhibit No. SCE-05WPpt01 was marked for identification.)
15	TOT Identification.
16	(Exhibit No. SCE-05WPpt02 was marked for identification.)
17	TOT TACHETTICACTON.
18	ALJ TOY: I have SCE-06, titled
19	"Testimony supporting Southern California
20	Edison Company's Application for Authority to
21	Increase Rates for its Class C Catalina Water
22	Utility and Recover Costs from Water and
23	Electric Customers - Results of Operations,
24	Escalation, and Post-Test Year Ratemaking.
25	I will be marking that as SCE-06.
26	(Exhibit No. SCE-06 was marked for identification.)
27	
28	ALJ TOY: I have exhibit premarked

_	
1	SCE-06E, titled testimony sorry "Errata
2	Testimony Supporting Southern California
3	Edison Company's Application for Authority to
4	Increase Rates for its Class C Catalina Water
5	Utility and Recover Costs from Water and
6	Electric Customers - Results of Operations,
7	Escalation and Post-Test Year Ratemaking."
8	That will be remarked as SCE-06E.
9	(Exhibit No. SCE-06E was marked for
10	identification.)
11	ALJ TOY: I have the exhibit premarked
12	WPSCE-06, titled "Workpapers in Support of
13	Southern California Edison Company's
14	Exhibit 06, Results of Operation-Escalation."
15	That will be remarked as SCE-06WP.
16	(Exhibit No. SCE-06WP was marked for identification.)
17	identification.)
18	ALJ TOY: I have the exhibit premarked
19	SCE-07, titled "Testimony Supporting Southern
20	California Edison Company's Application for
21	Authority to Increase Rates for its Class C
22	Catalina Water Utility and Recover Costs from
23	Water and Electric Customers - Rates."
24	That will be marked as SCE-07.
25	(Exhibit No. SCE-07 was marked for
26	identification.)
27	ALJ TOY: I have an exhibit
28	preliminarily marked WPSCE-07 titled,

```
"Workpapers in Support of SCE-07 - Rates."
1
    That will be marked as SCE-07WP.
2
              (Exhibit No. SCE-07WP was marked for
 3
              identification.)
 4
          ALJ TOY: I have the exhibit
 5
    preliminarily marked by Southern California
 6
    Edison as SCE-08, titled "Supplemental
7
    Testimony Supporting Southern California
 8
    Edison Company's Application for Authority to
 9
10
    Increase Rates for its Class C Catalina Water
    Utility and to Recover Costs from Water and
11
12
    Electric Customers - Ratemaking and Phase-In
13
    proposal."
14
              That will be marked as SCE-08.
              (Exhibit No. SCE-08 was marked for
15
              identification.)
16
17
          ALJ TOY: I have document preliminarily
    marked by SCE as WPSCE-08, titled "Workpapers
18
    in Support of SCE Exhibit 8 - Supplemental
19
20
    Ratemaking and Phase-In Proposal."
2.1
              I will be remarking that as
    SCE-08WP.
22
              (Exhibit No. SCE-08WP was marked for
23
              identification.)
24
          ALJ TOY: I have the exhibit
25
    preliminarily marked as SCE-09, titled:
26
    Supplemental Testimony of Southern California
27
    Edison Company Reporting Proposals for
28
```

Additional Alternatives to Provide Additional Cost-Recovery Options/Methods. That will be 2 marked as SCE-09. 3 4 I have the exhibit preliminarily 5 marked as SCE-10, titled: Rebuttal Testimony of Southern California Edison Company. 6 7 will be marked as SCE-10. (Exhibit Nos. SCE-09 and SCE-10 were 8 marked for identification.) 9 10 ALJ TOY: I have an exhibit preliminarily marked as SCE-10WP-C, which is 11 12 titled: Workpapers SCE Exhibit 10-C Rebuttal. I'll be remarking that exhibit as 13 14 SCE-10WP-C. (Exhibit No. SCE-10WP-C was marked 15 for identification.) 16 ALJ TOY: Do the parties have any 17 issues marking the Southern California Edison 18 exhibits? 19 20 MR. SUNG: Paul Sung. No, your Honor. 2.1 ALJ TOY: Cal Advocates? 22 MS. FISHER: Emily Fisher. No, your 23 Honor. ALJ TOY: Catalina Parties? 24 MR. BISHTON: Norris Bishton. 25 No, your 26 Honor. ALJ TOY: And TURN. 27 28 MR. FINKELSTEIN: Robert Finkelstein.

1	No, your Honor.
2	ALJ TOY: Thank you.
3	Moving on to Public Advocates Office
4	exhibits, and I may also refer to them as Cal
5	Advocates, or PAO. I have an exhibit
6	preliminarily marked as Cal Advocates-01,
7	titled: Report and Recommendation. I will
8	be marking that as Cal Advocates-01.
9	(Exhibit No. Cal Advocates-01 was marked for identification.)
10	marked for identification.
11	ALJ TOY: I have the exhibit
12	preliminarily marked by Cal Advocates as Cal
13	Advocates-X-01, titled: Response to Data
14	Request Set SCE-036-JR. I'll be marking that
15	as Cal Advocates-X-01.
16	(Exhibit No. Cal Advocates-X-01 was marked for identification.)
17	
18	ALJ TOY: I have the exhibit
19	preliminarily marked as Cal Advocates-X-02,
20	titled: Response to Data Request Set
21	PubAdv-SCE-020-JR and I will be marking that
22	as Cal Advocates-X-02.
23	(Exhibit No. Cal Advocates-X-02 was marked for identification.)
24	
25	ALJ TOY: I have the exhibit
26	preliminarily marked by Cal Advocates as
27	Cal Advocates-X-03, titled: SCE Tariff
28	Rule 3 Application for Service, and I will be

```
preliminarily marking that as
    Cal Advocates-X-03.
2
              (Exhibit No. Cal Advocates-X-03 was
 3
              marked for identification.)
 4
          ALJ TOY: I have the exhibit
 5
    preliminarily marked as Cal Advocates-X-04,
 6
             Schedule No. FWY - Fresh Water
7
    titled:
    Yield. That will be marked as
 8
    Cal Advocates-X-04.
 9
10
              (Exhibit No. Cal Advocates-X-04 was
              marked for identification.)
11
12
          ALJ TOY: I have the exhibit
    preliminarily marked as Cal Advocates-X-05,
13
14
    titled: General Order 96-B, Rule 1.2, and
15
    I'll be marking that as Cal Advocates-X-05.
              (Exhibit No. Cal Advocates-X-05 was
16
              marked for identification.)
17
          ALJ TOY: I have a document
18
19
    preliminarily marked as Cal Advocates-X-06,
20
    titled: Cal Advocates Excerpt from
2.1
    Commission Standard Practice U-25-W, and I'll
22
    be preliminarily marking that as
    Cal Advocates-X-06.
23
              (Exhibit No. Cal Advocates-X-06 was
24
              marked for identification.)
25
          ALJ TOY:
                    I have the exhibit marked by
26
    Cal Advocates as Cal Advocates-X-07, titled:
27
    Cost Comparison Per Unit of Water, and I will
28
```

1	be marking that as Cal Advocates-X-07.
2	(Exhibit No. Cal Advocates-X-07 was marked for identification.)
3	marked for identification.)
4	ALJ TOY: Does the Public Advocates
5	Office have any issues with those exhibits?
6	MS. FISHER: No, your Honor. Emily
7	Fisher. No issues.
8	ALJ TOY: SCE.
9	MR. SUNG: Paul Sung. No issues, your
10	Honor.
11	ALJ TOY: Catalina Parties.
12	MR. BISHTON: Norris Bishton. No
13	issues.
14	ALJ TOY: And TURN.
15	MR. FINKELSTEIN: Robert Finkelstein.
16	No issues, your Honor. Thank you.
17	ALJ TOY: Thank you.
18	As discussed off the record, we will
19	be coming back to Catalina Parties' exhibits.
20	MR. THOMAS: Your Honor, this is
21	Thomas, the PA. If we could go off the
22	record for just a moment to test the sound
23	quality. The reporters are having difficulty
24	hearing you.
25	ALJ TOY: Off the record.
26	(Off the record.)
27	ALJ TOY: We will be moving on to
28	TURN's exhibits. Starting with the document

preliminarily marked as TURN-01, titled: 1 2. Prepared Testimony of Robert Finkelstein. I'll be marking that as TURN-01. 3 I have the exhibit preliminarily 4 marked as TURN-01, dash, E, titled: Prepared 5 Testimony of Robert Finkelstein. I'll be 6 7 marking that as TURN-01-E. Slight change: No dash. 8 9 And I have the exhibit preliminarily marked as TURN-02. 10 11 As I understand it, this may be not needed, Mr. Finkelstein? 12 MR. FINKELSTEIN: Yes, your Honor. 13 14 Robert Finkelstein for TURN. 15 What's been designated as TURN-02 is 16 an excerpt of a volume of Edison's workpapers. So it will already get into the 17 18 record as part of the workpapers for SCE-05. The excerpt is really a matter of 19 convenience. I would leave it to your 2.0 21 preference as to whether or not we need to move it into the record or just use it for 22 23 purposes of steering people's attention 24 during the hearings. 25 ALJ TOY: Okay. Since you only have a couple exhibits, we'll just leave it. 26 27 The document preliminarily marked as 2.8 TURN-02, titled: TURN Excerpt of

```
WP-SCE-05-PT01, we will mark as TURN-02.
 1
 2
              Does anybody have any problem with
    marking these exhibits?
 3
              Starting with TURN.
 4
                           Your Honor, Robert
 5
          MR. FINKELSTEIN:
 6
    Finkelstein for TURN.
                           I have a question
 7
    about your preference for the original
    version of the testimony that was superseded
 8
    by the errata version.
10
              If you want both to go into the
11
    record, we are fine with that, but the errata
12
    version that is designated now as TURN-01E
    has all the material that was within TURN-01
13
    and merely drops some of the extraneous
14
    language that it slipped into the original
15
16
    version of the testimony and replaced a
    missing page from the attachment.
17
18
              And, again, we're indifferent if we
19
    have both in the record or just one, but if
    you're looking to avoid extraneous documents
2.0
    in the record, we could just have TURN-01E
21
    and dump the original TURN-01.
22
2.3
                   Why don't we just proceed
          ALJ TOY:
    with TURN-01E, and we'll leave it as TURN-01E
24
25
    for the record. We won't move TURN-01 into
26
    the record.
                (Inaudible).
27
              (Court reporter clarification.)
          ALJ TOY: TURN-01 won't be in the
2.8
```

1	record. TURN-01E will be in the record.
2	Go ahead, again, Mr. Finkelstein.
3	MR. FINKELSTEIN: Your Honor, Robert
4	Finkelstein for TURN. I was merely going to
5	say with those clarifications, TURN doesn't
6	have any comments on the designation of our
7	exhibits.
8	(Exhibit No. TURN-01E was marked for identification.)
9	(Exhibit No. TURN-02 was marked for identification.)
11	ALJ TOY: Thank you.
12	SCE, any comments?
13	MR. SUNG: Paul Sung. No comments,
14	your Honor.
15	ALJ TOY: Cal Advocates?
16	MS. FISHER: Emily Fisher. No
17	comments, your Honor.
18	ALJ TOY: Catalina Parties?
19	MR. BISHTON: Norris Bishton. No
20	comments, your Honor.
21	ALJ TOY: Thank you.
22	And all the exhibits that we have
23	just marked, we marked with today's date,
24	February 24th, 2022. Off the record for a
25	second.
26	(Off the record.)
27	ALJ TOY: We will go back on the
28	record.

```
Mr. Bishton.
 1
 2.
          MR. BISHTON: Your Honor, during the
 3
    exchange, I've been able to look at the
    exhibits. None of the exhibits that I've
 4
    identified -- that you've identified are
 5
 6
    duplicated in any way in the Edison exhibits.
 7
              CP-1 is the direct testimony of
    Dr. Brady, our expert, and Vicki Rogers.
 8
 9
    It's certainly not duplicated in anything
    Edison has --
10
11
          ALJ TOY: Sorry, Mr. Bishton.
              There's a little bit of a
12
    misclarification there. When I said they
13
    were duplicated, I meant that it is listed in
14
    the exhibit list as Protest Exhibit 1.
15
16
    already in as CP-01.
17
          MR. BISHTON: And that was -- yes.
18
    Regarded as CP -- it was something --
    something for our protest but the direct
19
2.0
    testimony we filed later in CP-01.
21
          ALJ TOY: My clarification was whether
    -- do you see below where the exhibits are
22
2.3
    marked as Protestant Exhibit-01? Protestant
24
    Exhibit-02?
25
          MR. BISHTON: I don't have that screen
26
    up.
27
          ALJ TOY:
                    It was in the spreadsheet
    sent by -- off the record.
2.8
```

1	(Off The Record.)
2	ALJ TOY: Back on the record.
3	While off the record, we discussed
4	the marking of the Catalina Party's exhibits.
5	And we are going to proceed with marking of
6	them.
7	I have an exhibit preliminarily
8	marked as CP-01, Testimony Supporting the
9	Protest of the Catalina Party.
10	And I will be marking that as CP-01.
11	(Exhibit No. CP-01 was marked for identification.)
12	Identification.)
13	ALJ TOY: I have a document
14	preliminarily marked as CP-02 titled 60-DAY
15	Notice of Violation.
16	I'll be marking that has CP-02.
17	(Exhibit No. CP-02 was marked for identification.)
18	raciferricación.,
19	ALJ TOY: I have a document
20	preliminarily marked as CP-03 titled Million
21	Gallon Tank (MGT) Engineering Assessment.
22	And I will be marking that as CP-03.
23	(Exhibit No. CP-03 was marked for identification.)
24	radicification.,
25	ALJ TOY: I have a document
26	preliminarily marked as CP-04 titled Photo of
27	Documents to be Shredded.
28	I'll be marking that as CP-04.

1	
1	(Exhibit No. CP-04 was marked for identification.)
2	ruciferricación.
3	ALJ TOY: I have document preliminarily
4	marked as CP-05 titled Photo of Million
5	Gallon Tank Sediment Sample.
6	I'll be marking that as CP-05.
7	(Exhibit No. CP-05 was marked for
8	identification.)
9	ALJ TOY: I have a document
10	preliminarily marked as CP-06 titled Lab
11	Report Regarding Million Gallon Tank Sediment
12	Sample.
13	I'll be marking that as CP-06.
14	(Exhibit No. CP-06 was marked for identification.)
15	identification.)
16	ALJ TOY: I have a document
17	preliminarily marked as CP-07, SCE
18	Application to Repair Million Gallon Tank.
19	I'll be marking that as CP-07.
20	(Exhibit No. CP-07 was marked for identification.)
21	rdelicilicacion.)
22	ALJ TOY: I have an exhibit
23	preliminarily marked as CP-08 titled Permit
24	to Repair Million Gallon Tank.
25	I'll be marking that as CP-08.
26	(Exhibit No. CP-08 was marked for identification.)
27	raciicir racion.
28	ALJ TOY: I have a document

1	preliminarily marked as CP-09, 2020 Annual
2	Report of Southern California Edison.
3	And I'll be marking that CP-09.
4	(Exhibit No. CP-09 was marked for identification.)
5	identification.)
6	ALJ TOY: I have a document
7	preliminarily marked as CP-10 titled Proposed
8	Decision of ALJ Barnett Application
9	10-11-009.
10	I'll be marking that CP-10.
11	(Exhibit No. CP-10 was marked for identification.)
12	ruentification.)
13	ALJ TOY: I have the exhibit
14	preliminarily marked CP-11, SCE Answer to
15	Interrogatory and Class Action.
16	I'll be marking that CP-11.
17	(Exhibit No. CP-11 was marked for identification.)
18	raciferricación.
19	ALJ TOY: I have a document
20	preliminarily marked as CP-12 titled SCE
21	Water Loss Reports.
22	I'll be preliminarily marking that
23	as CP-12.
24	(Exhibit No. CP-12 was marked for identification.)
25	
26	ALJ TOY: I have the document
27	preliminarily marked as CP-13 titled SCE
28	Water Allocations List as of February 8th,

1	2022.
2	I'll be marking that CP-13.
3	(Exhibit No. CP-13 was marked for
4	identification.)
5	ALJ TOY: I have a document
6	preliminarily marked as CP-14 titled SCE
7	Water Allocation List furnished to Cal
8	Advocates.
9	And I'll be marking that CP-14.
10	(Exhibit No. CP-14 was marked for identification.)
11	Identification.)
12	ALJ TOY: Exhibit preliminarily marked
13	as CP-15 titled SCE Schedule FWY and Rule 3
14	as of 2-28-2021.
15	And I'll be marking that as CP-15.
16	(Exhibit No. CP-15 was marked for identification.)
17	
18	ALJ TOY: I have the exhibit
19	preliminarily marked as CP-16 titled SCE
20	Schedule 14.1.
21	I'll be marking that as CP-16.
22	(Exhibit No. CP-16 was marked for identification.)
23	
24	ALJ TOY: I have a document
25	preliminarily marked as CP-17 titled SCE
26	Organization Chart.
27	I'll be marking that as CP-17.
28	(Exhibit No. CP-17 was marked for identification.)

1	ALJ TOY: I have the document
2	preliminarily marked as CP-18 titled SCE
3	Active Connections 2003 to 2020.
4	I'll be marking that as CP-18.
5	(Exhibit No. CP-18 was marked for identification.)
7	ALJ TOY: And I have a document
8	preliminarily marked as CP-19 titled
9	Projected Monthly Bills.
10	I'll be marking that as CP-19.
11	(Exhibit No. CP-19 was marked for
12	identification.)
13	ALJ TOY: Do the Catalina Parties have
14	any exhibits that need marking?
15	MR. BISHTON: Norris Bishton. No
16	comment, your Honor.
17	ALJ TOY: SCE?
18	MR. SUNG: Paul Sung. No, Your Honor.
19	ALJ TOY: Cal Advocates?
20	MS. FISHER: Emily Fisher. No, your
21	Honor.
22	ALJ TOY: And TURN?
23	MR. FINKELSTEIN: Robert Finkelstein.
24	No, your Honor.
25	ALJ TOY: Thank you.
26	And all of those documents will be
27	marked as of 2-24-2022.
28	Off the record.

```
(Off the record.)
 1
 2
          ALJ TOY: Back on the record.
              We now have Rosalie Barcinas on the
 3
            Could you please read the witness
 4
    stand.
    attestations on the screen?
 5
              (Crosstalk.)
 6
 7
          THE WITNESS: Read it out loud, your
    Honor?
 8
          ALJ TOY: Please read it out loud. And
 9
    please give your name and business location
10
    first.
11
          THE WITNESS: Okay. My name is Rosalie
12
    Barcinas, and I'm with Southern California
13
14
    Edison. Home office is in Rosemead,
    California.
15
16
          ALJ TOY: Thank you. Please proceed
    with reading the attestations.
17
18
          THE WITNESS: I, Rosalie Barcinas, do
    solemnly state under penalty of perjury that
19
2.0
    the testimony I give in the case now pending
    before this Commission shall be the truth,
21
    the whole truth, and nothing but the truth.
22
              I, Rosalie Barcinas, attest I will
2.3
    testify based on my own knowledge and memory
24
25
    free from external influences or pressures.
              I, Rosalie Barcinas, attest I will
26
27
    adhere to all formal requirements of
    testifying under oath including the
28
```

prohibition against being coached. 1 2. I, Rosalie Barcinas, attest I will only refer to materials provided by the 3 parties, exhibits premarked and identified by 4 the parties, and previously shared with the 5 6 opposing party. 7 I, Rosalie Barcinas, attest I will not make any recording of the proceeding. 8 9 I attest I understand that any 10 recording of a proceeding held by Webex 11 including screenshots or other visual copying of a hearing is absolutely prohibited. 12 I, Rosalie Barcinas, attest that I 13 14 understand that violation of these 15 prohibitions may result in sanctions 16 including removal from evidentiary hearings, restricted entry to future hearings, denial 17 18 of entry to future hearings, or any other sanctions deemed necessary by the Commission. 19 2.0 I attest I will not engage in any 21 private communications by phone, text, or e-mail, or any other mode of communication 22 while under oath and being examined. 23 24 If I experience any attempts to 25 tamper with my witness testimony, I will 26 report the occurrence to the presiding 27 officer immediately. 2.8 ALJ TOY: Thank you. And could you

1	please confirm that your testimony is on
2	behalf of Southern California Edison?
3	THE WITNESS: That is correct.
4	ALJ TOY: Great.
5	ROSALIE BARCINAS, called as a
6	witness by SOUTHERN CALIFORNIA EDISON, having been sworn, testified as
7	follows:
8	ALJ TOY: Off the record.
9	(Off the record.)
10	ALJ TOY: Back on the record.
11	Ms. Barcinas is now sworn in and is
12	available for SCE.
13	DIRECT EXAMINATION
14	BY MR. SUNG:
15	Q Thank you, your Honor. SCE calls
16	Ms. Rosalie Barcinas to the stand.
17	Ms. Barcinas, are you sponsoring
18	written testimony in this proceeding?
19	A I am.
20	Q Is it correct that you are
21	sponsoring sections 1 through 4 of SCE's
22	policy testimony labeled SCE-01 and errata to
23	that testimony labeled SCE-01E previously
24	sponsored by James Buerkle as identified in
25	the table of contents?
26	A That is correct.
27	Q Is it your opinion that this
28	testimony is correct and represents your

```
1
    views?
          A
              Yes.
              Are you also sponsoring Sections 1
 3
    through 4 of SCE's supplemental testimony
 4
    labeled SCE-09 and Section 1 through 3 and 10
 5
    of SCE's rebuttal testimony labeled SCE-10 as
 6
 7
    identified in the table of contents?
              Yes.
 8
          Α
 9
              Was this material prepared by you
10
    or under your direction?
11
          A
              Yes.
              Do you have any corrections that
12
13
    you'd like to make to your testimony at this
14
    time?
15
              I do not.
          A
16
              To the extent your testimony is
17
    factual, do you believe it to be correct?
18
          Α
              Yes.
19
              And to the extent your testimony
2.0
    reflects an opinion or judgement, does it
21
    reflect your best professional opinion or
    judgement?
22
2.3
          A
              Yes.
24
                     Your Honor, this witness is
          MR. SUNG:
25
    available for cross-examination.
26
          ALJ TOY:
                     Thank you.
27
              Off the record.
2.8
               (Off the record.)
```

```
ALJ TOY: On the record.
 1
              Ms. Barcinas is available for cross
 2
    by the Public Advocates Office.
 3
                   CROSS-EXAMINATION
 4
    BY MS. FISHER:
 5
              Thank you, your Honor. Emily
 6
    Fisher for Cal Advocates.
 7
              Good morning, Ms. Barcinas.
 8
 9
          Α
              Good morning.
10
          0
              Two topics to ask you about this
11
    morning.
              The first would you agree that
12
    Edison's franchise authority to operate the
    Catalina Water Utility obligates the utility
13
    to provide safe and reliable service to its
14
15
    customers?
16
          A
              Yes, I agree.
17
              And would you agree that
          0
18
    considering the supplies -- the limited
    supply of fresh water on Catalina it is very
19
2.0
    important that water allocation rules apply
21
    consistently and fairly to everyone who needs
    service on the island?
22
              Yes, I agree.
23
          A
24
          Q
              Could you please turn to page 14 of
    your rebuttal testimony? That's Exhibit
25
    SCE-10, I believe.
26
27
              Can you repeat the page number,
28
    please?
```

It's Page No. 14 and 1 0 Sure. 2 beginning at line 17. 3 A Okay. Here you testify that Edison has 4 0 consistently upheld its obligation to provide 5 water service to its Catalina customers 6 7 despite challenging system conditions; is that correct? 8 That is correct. 9 Α But isn't it true that Edison has 10 \bigcirc 11 not issued any new water allocations since the previous Catalina GRC decision in 2014? 12 That is correct. Edison has been 13 14 unable to provide water allocations based on restrictions with our water tariff under 15 16 rationing conditions as well as restrictions based on the amount of water available under 17 18 a safe annual yield. 19 Thank you. And in that time since 2.0 2014, is it correct that Edison has denied at least 26 requests for new allocations since 21 back in the '14 decision? 22 That is correct. 2.3 A 24 Now, you mentioned the drought Q 25 conditions Catalina Island was under 26 mandatory conservation measures from 2014 27 until February 2019; is that correct? That is correct. 2.8 A

1	Q And Edison's Tariff Rule 3 provides
2	that under these mandatory conservation
3	stages, I believe it's specifically 2
4	through 4, no new water allocation will be
5	assigned; is that correct?
6	A That is correct.
7	Q At this time, I would like to
8	introduce Cal Advocates cross exhibit by
9	Cal Advocates-X-03.
10	And I will attempt to share it. It
11	appears that I don't have screen sharing
12	capability?
13	A Can I attempt to pull it up on my
14	screen here?
15	ALJ TOY: Yeah. Ms. Barcinas, if
16	you're able to pull it up on your screen,
17	please do so.
18	Off the record.
19	(Off the record.)
20	ALJ TOY: Back on the record.
21	Please proceed, Ms. Fisher.
22	MS. FISHER: Thank you, your Honor.
23	Q So I'm looking here at Sheet 5 of
24	Edison's Tariff Rule 3.
25	ALJ TOY: Could you please state the
26	exhibit number again?
27	MS. FISHER: This is Cal Advocates
28	Cross-Exhibit Cal Advocates-X-03.

```
Ms. Barcinas, are you ready?
 1
          ALJ TOY:
 2
          THE WITNESS: I am ready.
          MS. FISHER:
 3
                       Okay.
          ALJ TOY: Please proceed, Ms. Fisher.
 4
 5
          MS. FISHER:
                       Thank you.
              And actually I need to go back just
 6
    a bit. Look at Sheet 2 of this exhibit.
 7
              I should have never given my
 8
 9
    secretary the day off.
                     So this is Sheet 2 of Cal
10
              Okay.
11
    Advocates-X-03. Ms. Barcinas, does this
    appear to be a true and correct copy of this
12
    Tariff Rule 3?
13
14
              It does appear to be a correct
15
    copy, yes.
16
          0
              Thank you. And as we mentioned, we
    discussed earlier under mandatory rationing
17
18
    here in this part that's appearing on the
             This is Part 1 -- D-1-B.
19
    screen.
    discusses that no fresh water allocations
2.0
21
    will be assigned during stages 2 through 4
    rationing; is that correct?
22
              That is correct.
2.3
          A
              But didn't Edison approve a new
24
          0
25
    allocation for the Catalina Museum in 2015
    during mandatory rations?
26
              Edison initially denied that water
27
    service. However, the Catalina Museum
2.8
```

appealed and submitted an informal complaint 1 2. to the CPUC. After the CPUC's review, they directed SCE to approve the water allocation 3 under the public good and interest of the 4 museum project. 5 Thank you. And so just to 6 In this instance with the museum, 7 summarize. a new allocation was ultimately approved 8 9 despite the drought conditions; is that 10 correct? 11 A As directed by the CPUC, SCE did 12 approve it, yes. Thank you. And the drought 13 14 restrictions were formally lifted in 2019; is 15 that right? 16 Α That is correct. 17 But Edison continued to deny new 0 18 allocation requests after 2019; is that 19 right? 2.0 After 2019 and the significant 21 historical drought that we experienced on Catalina, Edison needed time to assess the 22 23 water system, its conditions, and its true water supply and water storage conditions in 24 25 order to establish what our true surplus was. 26 We also proposed new methodology 27 under Advice Letter 123 that would help improve the water availability and certain 2.8

6

7

8

9

10

15

16

17

18

19

2.0

21

22

2.3

24

25

26

27

2.8

- 1 conditions on the island. And Edison did
 2 need time after lifting of the drought to
 3 confirm a healthy system and its true
 4 available surplus conditions.
 5 O Thank you. Are you aware that
 - Q Thank you. Are you aware that Edison's total production did not exceed the safe annual yield after February, 2019? And fresh water was available per the calculation methodology and Schedule No. SWY?
 - A Can you repeat that? I'm sorry.
- 11 Q Sure. Are you aware that Edison's
 12 total production did not exceed the safe -13 the total water production did not exceed the
 14 safe annual yield after February, 2019.
 - A Subject to check. But I believe that is correct.
 - Q And that fresh water -- after 2019 fresh water was available per the calculation methodology in Edison's Schedule No. SWY?
 - A Just by pure calculations; that is correct. However, we needed time to confirm that the number of availability and the health of the ultimate system. And that included testing some of our pumping stations of that example to make sure that the water availability matched with the numbers we were experiencing as well.
 - Q Is it accurate to say though that

Edison did not specifically determine that 1 2. whether demand exceeded safe annual yield when it denied new allocation requests after 3 February, 2019? 4 Demand -- the allocations that were 5 requested did exceed what we felt to be the 6 current demand compared to our current supply 7 calculations and a safe annual yield, which 8 9 is why we did not provide and approve those water allocations during that time. 10 Outside of formal drought 11 conditions, doesn't Tariff Rule 3 also allow 12 Edison to deny new allocations for no reason 13 14 -- or for any reason I should say? It allows -- it allows a 15 A 16 methodology and calculation. So I don't believe it allows denial for any reason. 17 Ιt 18 must be one that's substantiated. So 19 Edison's denial was based on the lack of 2.0 availability of surplus water. 21 Q Thank you. So now turning in this exhibit, Cal Advocates-X-03, to Sheet 5. And 22 here under Part 3-B, it states that: 23 24 When fresh water is not available 25 from the company because demand 26 for fresh water exceeds the 27 limited safe annual yield or for 2.8 any other reason.

1	Wouldn't you agree that that gives
2	Edison discretion to deny allocations for any
3	other reason?
4	A My interpretation of that
5	particular clause is that it has to be a
6	substantial reason for safety reasons or
7	something to that extent. But not the
8	discretion to just turn away with no reason
9	at all.
10	Q Can you identify language in the
11	Rule 3 that requires Edison to provide the
12	specific other reason?
13	A There is no such language.
14	Q Thank you.
15	And even when there is surplus
16	water, doesn't Edison have sole discretion
17	not to allocate it?
18	A Under this clause, Edison
19	Q In general.
20	A Edison does have an obligation to
21	provide a water service, and believes it has
22	upheld that obligation whenever there has
23	been a surplus available.
24	Q Thank you.
25	I would like to introduce Cal
26	Advocates' Exhibit Cross Exhibit X-04. And
27	this is schedule number FWY, Fresh Water
28	Yield.

Ms. Barcinas, this schedule FWY 1 2 deals with methodology for calculating fresh water supply; is that correct? 3 That is correct. 4 Α And does this exhibit appear to be 5 a correct copy of schedule FWY? 6 7 I'd does appear to be a correct 8 copy, yes. 9 So we're looking here at sheet two of schedule FWY. And in this first 10 11 paragraph, doesn't it state that water allocations may be assigned by SCE in its 12 sole discretion if the calculation 13 14 methodology results in a surplus? 15 It does state that. And our 16 interpretation of that is that it -- we still have an obligation to serve when there is a 17 18 surplus. However, CPUC or other agency approval is not required. And so Edison has 19 its own process in order to provide 20 21 allocations once there is a surplus. 22 But would you agree that based on 2.3 the language, schedule FWY appears to give Edison discretion to deny new allocations, 24 25 even when there is more than adequate supply to meet demand? 26 27 The language here says that the water allocations may be assigned by SCE in 2.8

its sole discretion. It does not say that it 1 2 can deny service here. So my interpretation is, the process in which we assign those 3 allocations are up to SCE's discretion. 4 Well, if SCE has discretion to 5 assign, doesn't that include discretion to 6 7 deny new allocations, or to not assign, as well? 8 My interpretation is, this is how 9 Α we would provide those -- and not necessarily 10 11 to deny. Denying service when there is a surplus, without substantial reasoning, would 12 not uphold our obligation to serve. 13 14 Would you agree that the rules for how Edison carries out its obligation to 15 16 serve are spelled out here in its tariffs and the Fresh Water Yield schedule? 17 18 Α For the methodology, yes. 19 So if the tariff language gives 2.0 Edison some discretion to approve or deny new allocations for any reason, and doesn't 21 specifically require a reason to be given, in 22 23 practice, doesn't that make Edison's obligation to serve discretionary? 24 25 I don't believe Edison's obligation 26 to serve is discretionary. 27 0 Thank you. 2.8 Now, if you could now please turn

to page 16 of your rebuttal testimony.
A Can you confirm the exhibit number?
Q Oh, yes. SCE-10.
A And the page number?
Q Page 16.
A Okay.
Q And beginning with line 19, you
state that the Commission's Standard Practice
U-25-W is the basis for classifying Catalina
Water as a Class C water utility; is that
correct?
A That is correct.
Q I would like to now introduce Cal
Advocates's Exhibit Cross Exhibit Cal
Advocates-X-06 Standard Practice U-25-W.
Are you able to see the screen?
A I am, yes. Thank you.
Q Okay. And this is the title
page of Standard Practice U-25-W.
Can you read the title of the
standard practice, please, for the record?
A Guide for Adjusting and Estimating
Operating Revenues of Water Utilities.
Q Thank you.
In your rebuttal testimony on
page 16, at Footnote 42, you cite Chapter 3,
Section A.1 of the Standard Practice as the
relevant portion of this document as to class

1	size; is that correct?
2	A As it relates to whether or not
3	fire connections should be counted in the
4	customer count, yes.
5	Q So turning to that page,
6	paragraph 1 is the provision that you just
7	mentioned for how customers should be
8	counted; is that correct?
9	A That is correct.
10	Q To the best of your knowledge, does
11	Standard Practice U-25-W contain any
12	provisions or requirements for how utility
13	class size is determined, whether Class A, B,
14	or C?
15	A It does establish how Class A, B,
16	and C are categorized, depending on the
17	number of customers, yes.
18	Q So the standard practice
19	specifically addresses utility class size; is
20	that correct?
21	A That is
22	Q Is that your testimony?
23	A That is my understanding.
24	Q Is there any other Commission
25	regulation that you know of that applies to
26	determining class size?
27	A It's my understanding that the
28	standard practice is where it is stated.

1	Q I would like to introduce Cal
2	Advocates' Cross Exhibit Cal
3	Advocates-X-07 and I apologize, going back
4	one. I'm introducing Cal Advocates-X-05.
5	And this is an excerpt from General Order
6	96-B, specifically Rule 1.2.
7	Ms. Barcinas, are you familiar with
8	this rule from the General Order 96-B?
9	A I am and I misspoke earlier
10	about where the class size is stated yes.
11	Q Okay. And turning to so here,
12	can you see Rule 1.2?
13	A I can.
14	Q And does it appear to specifically
15	or explicitly address how utility class
15 16	or explicitly address how utility class size is determined?
16	size is determined?
16 17	size is determined? A That is correct.
16 17 18	size is determined? A That is correct. Q Does this rule exclude any types of
16 17 18 19	size is determined? A That is correct. Q Does this rule exclude any types of customers?
16 17 18 19 20	size is determined? A That is correct. Q Does this rule exclude any types of customers? A It is based off of service
16 17 18 19 20 21	size is determined? A That is correct. Q Does this rule exclude any types of customers? A It is based off of service connections. It does not exclude, explicitly
16 17 18 19 20 21 22	size is determined? A That is correct. Q Does this rule exclude any types of customers? A It is based off of service connections. It does not exclude, explicitly in the language here, any classifications.
16 17 18 19 20 21 22 23	size is determined? A That is correct. Q Does this rule exclude any types of customers? A It is based off of service connections. It does not exclude, explicitly in the language here, any classifications. Q Thank you.
16 17 18 19 20 21 22 23 24	size is determined? A That is correct. Q Does this rule exclude any types of customers? A It is based off of service connections. It does not exclude, explicitly in the language here, any classifications. Q Thank you. Okay. Changing topics just a bit.
16 17 18 19 20 21 22 23 24 25	size is determined? A That is correct. Q Does this rule exclude any types of customers? A It is based off of service connections. It does not exclude, explicitly in the language here, any classifications. Q Thank you. Okay. Changing topics just a bit. Could you turn to page 26 of your

```
1
    please?
 2
          0
              Sure.
                      It's page 26.
 3
          А
              Okay.
              And at lines 14 to 17, you state
 4
          0
 5
    that:
 6
                Acquisition of the Catalina Water
 7
                Utility by a Class A utility is
                not feasible right now, due to
 8
                 certain environmental liabilities
 9
10
                that Edison recently identified.
11
              Is that correct?
              We believe that could be a
12
          A
13
    challenge in a sale at this point.
              I'm sorry. Could you repeat what
14
15
    you --
16
               (Crosstalk.)
17
          THE WITNESS: Yes.
18
              SCE does believe that those
19
    environmental liabilities and remediation
2.0
    work could be a challenge in a Class A water
21
    utility wanting to make a purchase at this
    point. Yes.
22
    BY MS. FISHER:
2.3
24
          O
              Thank you.
25
              And just to clarify for the record,
    by "Environmental liabilities and
26
27
    remediation," are you referring specifically
    to the decommissioned water pipeline
2.8
```

```
containing pi- -- polychlorinated biphenyls,
 1
 2.
    or PCBs?
              I am referring to the current
          A
 3
    in-service pipeline and decommissioned
 4
    pipelines that currently have some -- I can't
 5
    repeat that -- PCBs in its wrap around the
 6
 7
    pipeline. Yes.
              So when you indicate in your
 8
    testimony that these environmental
 9
    liabilities must be resolved before SCE would
10
11
    be able to dispose of the water utility to a
    willing buyer, by "resolved," are you
12
    referring to removal of the decommissioned
13
    pipeline and any related remediation work?
14
15
              That is correct; as well as a
16
    potential removal on remediation of the
17
    in-service pipeline as well. And that is our
18
    judgment of a successful sale and willing
    buyer. However, I don't want to speak on
19
    behalf of other Class A water utilities that
2.0
    might be interested, despite that.
21
22
              Has Edison made inquiries to class
    A utilities to determine if there is
2.3
24
    interest?
25
          MR. SUNG:
                     Objection, your Honor.
    includes confidential information. And it's
26
27
    outside the scope of the this proceeding.
2.8
          ALJ TOY: Ms. Fisher, do you have a
```

```
1
    response?
 2.
          MS. FISHER: No. I'll move on.
 3
              Thank you.
              Ms. Barcinas, if not for these
 4
    environmental liabilities, is it reasonable
 5
 6
    to say that acquisition of the Catalina Water
 7
    Utility by a Class A utility could be
    feasible?
 8
 9
              I do believe it is feasible, not
    within this proceeding and timeframe. But I
10
11
    do believe a sale to a Class A water utility
12
    is feasible, yes.
13
          0
              Thank you.
14
              Your Honor, if we could re- -- if
    we could have just a short break? I really
15
16
    need to grab a drink of water.
          ALJ TOY: Sure. We'll take a 10-minute
17
18
    break. We'll come back at 10:40.
19
          MS. FISHER: Thank you very much.
2.0
              Thank you, Ms. Barcinas.
          ALJ TOY: Off the record.
21
              (Off the record.)
22
2.3
          ALJ TOY: Okay. We'll go back on the
24
    record.
25
              We're continuing the cross of Ms.
26
    Rosalie Barcinas. Ms. Barcinas, I want to
27
    remind you, you are subject to the same
2.8
    witness attestations you stated earlier.
```

And continue with your
cross-examination, Ms. Fisher.
MS. FISHER: Thank you, your Honor.
Q Hello again, Ms. Barcinas.
A Hello.
Q If we could go back just a little
bit to your earlier statement about the
allocation that was granted to the Catalina
Museum.
And I believe you stated that
Edison was directed by the CPUC to authorize
that allocation, is that
A That is my understanding; after the
Catalina Museum submitted a complaint to the
CPUC.
Q Are you aware of any Commission
order or decision directing Catalina or
directing Edison to issue that allocation?
A I'm not aware of whether or not it
was an official decision in a proceeding. I
don't believe a proceeding was opened. But
it's my understanding that we were directed
by the Commission to move forward with the
approval of the allocation. The actual
mechanism of how we were directed to do that,
I don't recall at this time.
Q So it's it may have been a
Commission staff member directing SCE to do

1	this?
2	A That could be that could have
3	been that, yes.
4	Q And do you understand that
5	Commission staff members' statements are not
6	authoritative as to whether it's an order or
7	a decision of the Commission?
8	A We do take guidance from staff.
9	We're working collaboratively with them. But
10	we I do understand it's not an official
11	order from the Commission if it's staff
12	guidance.
13	Q So if Edison received staff
14	guidance to authorize the allocation, doesn't
15	that still give them discretion as to whether
16	that guidance should be followed?
17	A It's my understanding that the
18	guidance or direction from the CPUC was for
19	the public good to move that project forward.
20	And so that's ultimately the reason why
21	Edison provided the allocation.
22	Q Okay. But that was Edison's
23	decision based on its reviewing the
24	circumstances and exercising its discretion.
25	Would you agree?
26	A Based on the CPUC's input, yes.
27	Q Thank you.
28	Okay. Now, Ms. Barcinas, if you

1	could turn to page 10 of Exhibit SCE-10.
2	A Confirming that's page 10; correct?
3	Q Yes. That's correct.
4	A Okay.
5	Q And here you've provided a table
6	showing comparing water loss percentages
7	for various utilities of different sizes; is
8	that correct?
9	A That is correct.
10	Q And is it your position that
11	Edison's water loss percentage is similar to
12	the percentages of loss shown in the table?
13	A When compared to similar-sized
14	utilities to the Catalina Water Utility, we
15	do perform in a reasonable range compared to
16	them, yes.
17	Q Does the data in this table account
18	for the cost of water?
19	A This these tables represent
20	water loss percentages and key performance
21	indicators related to water loss, but does
22	
	not account for cost.
23	Q Would you agree that to determine a
23 24	
	Q Would you agree that to determine a
24	Q Would you agree that to determine a reasonable percentage of water loss, it's
24 25	Q Would you agree that to determine a reasonable percentage of water loss, it's important to consider cost?

numbers -- does not account for cost, only 1 2 the real loss, apparent loss, the amount of water produced versus the amount of water 3 billed, and so it does not account for cost 4 in those calculations. 5 6 0 Thank you. 7 And looking at page 11 of your testimony in SCE-10, you discuss the example 8 9 of the Golden State Water Company in Clearlake, California; is that correct? 10 11 Δ That is correct. And on line 8, you note that 12 Clearlake's water losses exceeded 20 percent 13 each year since 2003, basically indicating 14 15 that they -- that Clearlake had a high water 16 loss percentage; is that correct? 17 That is correct. A 18 I would like to introduce Cal 19 Advocates' Cross Exhibit Cal Advocates-X-07. 2.0 Now, this cross exhibit is a table 21 that our witness Jeffrey Roberts put together. And it indicates the -- a 22 2.3 comparison between the cost of water for SCE Catalina and for Golden State Clearlake. 24 25 Ms. Barcinas, can you determine whether the cost of water in Catalina makes a 26 27 difference compared to Clearlake when we're talking about water loss? 2.8

```
Ms. Fisher, are you showing the
 1
          Α
 2
    exhibit?
              I don't see the exhibit.
 3
              Oh, I'm looking at it. I don't --
          Q
    I guess everyone else needs to see it too.
 4
    Okay. Sorry about that.
 5
 6
              Okay. Do you see it now?
 7
              I do see it, yes. Thank you.
          Α
              If you can repeat your question,
 8
 9
    please.
10
              So as you can see in this table,
11
    water loss in one utility may be a very
    different issue from water loss in another.
12
              Can you see the difference between
13
14
    the cost of water -- and this is per 100
    cubic feet -- between Catalina and Clearlake?
15
16
          Α
              So this table appears to provide
17
    the amount of water supplied and its revenue
18
    requirement per each utility. And if we're
    comparing the two, it -- you know, SCE -- the
19
    Catalina system has significant challenges
20
    that I don't believe Clearlake has in its
21
    being an island. Therefore, you know,
22
23
    everything that we procure from materials,
    chemicals, and labor, if we need to contract
24
    it, is significantly higher. Because we have
25
    to barge it over, we have to contract that in
26
27
    a different way.
2.8
              It's also very challenging
```

geographically and environmentally on 1 2 Catalina as compared to, you know, Clearlake, which is rather flat in comparison. And it 3 also has multiple water systems spread 4 across, you know, the challenging terrain. 5 The other significant challenge 6 7 that Catalina has I don't believe Clearlake has is the significant amount of tourism that 8 9 we have to -- so Catalina has to accommodate its water infrastructure to accommodate the 10 11 significantly higher number -- approximately 12 1 million visitors per a year -- but such a smaller customer base on Catalina. 13 14 infrastructure has to accommodate that larger 15 number and, also, the operation and 16 maintenance related to the fluctuations and the difference in demand between, you know, 17 18 between peak and off-peak tourism time. the difference in cost here is likely due to 19 2.0 those significant challenges. 21 That makes sense. 22 So you would agree that there are 23 good reasons for Catalina's cost of water to be much higher than Golden State Clearlake's 24 25 cost? 26 Α Yes. 27 Along those lines, if the cost of water -- excuse me -- in Catalina is almost 2.8

```
three times greater than in Clearlake,
 1
 2
    shouldn't that be a factor in determining
    what percentage of water loss is reasonable?
 3
              Water loss, whether or not it's --
 4
    we compare, you know, against similarly-sized
 5
    utilities, you know, just to understand and
 6
 7
    benchmark against. You know, when it comes
    to water loss, there should always be room
 8
 9
    for improvement. And so, you know, Edison is
10
    taking very active -- you know, proactive
11
    measures to improve in that area.
12
              But to answer your question of
    whether or not revenue should be related to
13
    the importance of the water loss, can you
14
    restate that question?
15
16
          Q
              Sure.
          Α
              I'm --
17
18
              (Crosstalk.)
19
    BY MS. FISHER:
              I quess maybe a different way of
20
    putting it is:
21
              If you have very little water to
22
    lose, making it very expensive, shouldn't the
23
    rate of water loss be as low as possible?
24
25
          A
              Yes.
26
              And you stated earlier that the
27
    table in SCE-10 and on page 16 -- and it's
    the -- the first table, Table 2-1, that these
2.8
```

```
comparisons of other utilities, different
 1
    sizes, did not account for the cost of water
    in those other jurisdictions; is that
 3
    correct?
 4
              These --
 5
          A
 6
              (Crosstalk.)
 7
          MR. SUNG: Objection. Asked and
    answered.
 8
 9
              (Court reporter clarification.)
10
          THE WITNESS: These tables do not
11
    account for cost on page 10 in Edison's
    Exhibit SCE-10.
12
13
          MS. FISHER:
                       Thank you.
          ALJ TOY: I'm going to let it through
14
15
    since she answered it before you objected. ]
16
    BY MS. FISHER:
17
              Ms. Barcinas, in the supplemental
18
    testimony, Exhibit SCE-09, on page 5,
    beginning at line 18 --
19
2.0
          A
              Yes.
21
              -- you assert that SCE should be
    able to, basically, consolidate its water
22
2.3
    utility with its electric utility because
    other large water utilities consolidate their
24
25
    rate jurisdictions.
          MR. SUNG: Objection; misstates the
26
27
    witness's testimony.
2.8
          MS. FISHER: I'll rephrase the
```

question. 1 2. At line 18, you state that there's an underlying policy issue in this 3 proceeding, which is that SCE provides 4 primarily electricity rather than water, and, 5 therefore, has been able to consolidate its 6 7 high-cost Catalina water rates with its broad customer base like other water-only utilities 8 9 would be able to do; is that correct? That is correct. 10 Δ Other Class A water utilities would 11 be able to and do often subsidize high-cost 12 areas with their low-cost areas. 13 14 Edison, because we provide a different service, has been unable to do 15 16 that. Would you agree that the customers 17 0 18 of those Class A utilities are all receiving 19 water service from the utility? 2.0 A Yes. 21 And would you agree that Edison's electric customers, apart from those who live 22 on Catalina Island, do not receive water 2.3 24 service from Edison? 25 They do not receive water service or billed water service, but we believe that 26 27 a majority of the Catalina tourists that enjoy that service in that commodity are from 2.8

Edison electric ratepayers. 1 2. And when you say believe that the majority of tourists to Catalina are Edison 3 ratepayers, is that based on a specific study 4 of whether Edison ratepayers make up the bulk 5 of tourists to Catalina? 6 Catalina Chamber of Commerce issued 7 a report, I believe, in 2017 that did find 8 9 that over 70 percent of its tourists were from the Southern California area, which 10 11 largely overlaps with Edison electric 12 ratepayers. 13 The chamber of commerce report did not specifically address whether these 14 visitors were actually Edison customers; is 15 16 that correct? That is correct. 17 A 18 When tourists visit Catalina Island, do they pay for water that they use? 19 2.0 They do not. They enjoy the restaurants, the hotels, and the drinking 21 water, the bathrooms, and so the water 22 2.3 service, but are not directly paying for that service themselves as tourists. 24 25 But doesn't someone have to pay for the water? 26 27 If I go to a restaurant in Catalina 2.8 and drink a glass of water, someone has to

1	pay for that water; correct?
2	A The Catalina customers on the
3	island are paying for that.
4	Q So wouldn't it be fair to say that
5	the Catalina commercial customers pass
6	through the cost of water to their clientele?
7	A I cannot say how much or whether or
8	not they pass on that cost to their
9	customers.
10	Q Would it be fair to assume that if
11	I have a hotel or a restaurant, I would want
12	to include my cost of goods and services in
13	what I charge my customers?
14	MR. SUNG: Objection, your Honor. This
15	is calling for speculation. It goes beyond
16	the scope of Ms. Barcinas's testimony?
17	ALJ TOY: I'm going to uphold that
18	objection.
19	MS. FISHER: I'll see if I can
20	rephrase.
21	Q Edison's commercial customers on
22	Catalina, does the commercial customer class
23	have a greater allocation in the rate design
24	than residential customers?
25	MR. SUNG: Objection, your Honor.
26	Ms. Barcinas is not the witness
27	sponsoring the rate design piece. We have
28	Mr. Behlihomji who will be here next

Wednesday who can answer questions relating 1 2. to rate design. 3 ALJ TOY: Do you have a comment, Ms. Fisher? 4 MS. FISHER: Thank you for making that 5 point. I'll save that question for 6 7 Mr. Behlihomji. But you would agree, Ms. Barcinas, 8 9 that ultimately someone does pay for the 10 water that tourists use when they visit 11 Catalina? Unfortunately, the small number of 12 A 13 customers do pay for all the water usage that are experienced by the tourists as well. 14 15 So, hopefully, if they are smart 16 business owners, they're passing through 17 those costs, but... 18 MR. SUNG: I'm not sure if that was a 19 question, your Honor. ALJ TOY: I don't think that was a 2.0 21 question. Is there a question related to that, Ms. Fisher? 22 MS. FISHER: No. I'll move on. Thank 23 24 you. Would you agree that in order to 25 26 charge customers for a service, they should 27 be a recipient of -- they should be receiving

the services that they are being charged for?

2.8

Can you restate your question, 1 A 2 please? 3 0 Yes. Would you agree that in order to 4 impose costs of the utility services on 5 customers, they should be benefiting from the 6 7 service that they're paying for? There are many examples: High-cost 8 9 fund, cross-subsidization as it relates to 10 high-cost and low-cost areas where customers 11 have a more blended rate to where they are not directly receiving that service, but 12 their cost is spread to help with 13 14 affordability. There are examples where 15 they're not receiving that exact service, but are contributing to the subsidization of it. 16 17 You're speaking of examples where 18 they're receiving the same service as -- that 19 they're being charged for as Class A water 2.0 utility customers may pay a portion of the cost of water customers in other rate 21 districts; is that correct? 22 2.3 The same type of service; is that А what you're asking? 24 25 Yes. 0 26 Yes. Those are typically -- they 27 are receiving the same type of service. Catalina is unique where our proposal is 2.8

looking to subsidize rates across services 1 2. due to the unique nature of Catalina and SCE being a Class C utility. 3 You would agree that apart from the 4 chamber of commence study that we discussed 5 earlier, there is no specific evidence that 6 7 Edison electric customers are benefiting from the Catalina water system? 9 SCE has not performed any specific 10 analysis, but can make that conclusion based 11 off of the chamber of commerce report. Thank you. I think I may 12 MS. FISHER: be nearly done can we go off the record for 13 14 just two minutes? ALJ TOY: Sure. Off the record. 15 16 (Off the record.) 17 ALJ TOY: Back on the record. 18 Please continue with your cross, 19 Ms. Fisher. 2.0 BY MS. FISHER: 21 Ms. Barcinas, thank you very much for your time this morning. No more 22 23 questions. 24 Α Thank you, Ms. Fisher. 25 ALJ TOY: Thank you. 26 We'll now proceed with any redirect 27 that SCE has. 2.8 Are the SCE attorneys ready?

```
MR. SUNG:
                     Yes, your Honor.
 1
          ALJ TOY: Off the record.
              (Off the record.)
 3
          ALJ TOY: Back on the record.
 4
              We will continue now with the
 5
    redirect of Ms. Barcinas.
 6
              Mr. Sung, go ahead.
 7
          MR. SUNG:
                     Thank you, your Honor.
 8
 9
                 REDIRECT EXAMINATION
    BY MR. SUNG:
10
11
          0
              Ms. Barcinas, do you believe that
    SCE has the sole discretion to deny fresh
12
    water allocation on Catalina Island for any
13
14
    reason?
              I do not believe that Edison has
15
16
    the sole discretion. There are specific
    Commission tariffs and documents that
17
18
    establish methodologies and expectations that
19
    Edison does have an obligation to serve;
2.0
    however, there is discretion to apply that.
              Has SCE exercised that discretion
21
    in any unreasonable manner?
22
2.3
              We have not exercised that in any
          A
    unreasonable manner. We take our obligation
24
25
    to serve very seriously, and we have taken
    actions as recent as Advice 123W that shows
26
27
    we're taking active measures to always
    improve and provide service where it's
2.8
```

1	needed.
2	Q And if you can share, what are some
3	of the expected outcomes from the Advice
4	Letter 123 process that you had mentioned?
5	A There are a number of benefits, but
6	I'll highlight the top ones: The first is
7	adding the desal production to the
8	established safe annual yield and our ability
9	to count that in whether or not we have a
LO	surplus; the second is separating out the two
11	major systems on the island from the Little
12	Ranch Avalon to Isthmus West End in a process
13	in which the requesting allocation looks at
L4	the surplus within each system, and whether
15	or not that is available for better
16	management overall of the system.
L7	The third is making sure that there
18	is a, you know, consistent and clear
19	methodology in which we apply these.
20	The outcome ultimately and we
21	are still assessing is we believe that the
22	outcome of these benefits will be providing
23	and approving water allocation from our
24	current wait list.
25	Q Thank you.
26	And referring to the service
27	connection and Cal Advocates
28	Cross-Examination Exhibit 5, in General Order

96-B, does it anywhere define how to 1 2 calculate or categorize service connections? In General Order 96? 3 Α 0 Right. 4 Service connections is also used in 5 A the same terminology of a standard practice. 6 It is our understanding that service 7 connections under General Order 96, as they 8 9 are classified under Class A, B, and C utility, are used in the same text as the 10 11 standard practice quidance. Is SCE trying to avoid become 12 classified as a Class C utility? 13 14 SCE has no incentives to avoid connections that are to be classified as 15 16 one -- Class A, Class B or Class C utility at 17 all. 18 Did SCE seek clarity from the Water 19 Division on how to count service connections for purposes of classification? 2.0 21 We did seek clarity and provided quidance back to the standard practice of 22 service connec- -- fire service connections 2.3 or not to be included in the count. 24 25 And, finally, referring to Clearlake, in 2008 Clearlake forecasted water 26 27 loss to be 47.40 percent; correct? 2.8 That's my understanding. Α

```
And in 2011 Clearlake reported
 1
 2
    water loss exceeding over 20 percent for many
    years; is that your understanding?
 3
              My understanding, yes.
 4
          Α
              So even though Clearlake had water
 5
 6
    losses ranging from 20 to 47 percent, the
 7
    Commission still stated that because Golden
    State had made progress in reducing water
 8
 9
    losses, it was not necessary to establish a
10
    penalty mechanism; is that correct?
11
          A
              That is correct.
              And is SCE currently working to
12
13
    improve its water losses?
14
              Absolutely. We've taken steps over
15
    the years, but it's probably best
16
    demonstrated in the last two years where it
    included it as part of our asset management
17
18
    program, and we've prioritized both last year
    and in our priorities this year to continue
19
    to make progress.
2.0
21
          MR. SUNG: Thank you, Ms. Barcinas.
              No further questions, your Honor.
22
23
          ALJ TOY: Ms. Fisher, do you have
24
    recross?
25
          MS. FISHER:
                       Yes, your Honor.
                                          Just
26
    briefly.
              I'm unmuted; right?
27
          ALJ TOY: Yes.
              ///
2.8
```

1	RECROSS-EXAMINATION
2	BY MS. FISHER:
3	Q Ms. Barcinas, you were just asked
4	by counsel if Edison has an incentive to
5	remain a Class C. Wouldn't you agree that
6	there are more regulatory compliance filings
7	associated with being a Class B water
8	utility?
9	A There are more reporting
10	requirements as being part of a Class B
11	utility, but that does not factor into how we
12	provide service allocations.
13	MS. FISHER: Thank you.
14	No further questions.
15	ALJ TOY: Thank you.
16	Mr. Sung, any further redirect?
17	MR. SUNG: No, your Honor. Thank you.
18	ALJ TOY: Thank you. We'll go off the
19	record for a second.
20	(Off the record.)
21	ALJ TOY: Back on the record.
22	Ms. Fisher, was your cross-exhibit
23	Cal Advocates-X-01 or Cal Advocates-X-02
24	utilized?
25	MS. FISHER: No, they were not.
26	(Reporter clarification.)
27	ALJ TOY: Moving on, we'll now have the
28	cross-examination of Ms. Barcinas by The

```
Utility Reform Network. I would remind you
 1
    of the attestation you stated earlier.
 3
              Mr. Finkelstein, please proceed with
 4
    your cross.
 5
                   CROSS-EXAMINATION
 6
    BY MR. FINKELSTEIN:
 7
              Thank you, Judge Toy.
              Good morning, Ms. Barcinas. I'm
 8
 9
    Bob Finkelstein representing TURN. Let me
10
    start by asking you to turn to your direct
11
    testimony in SCE-01, page 21.
12
          Α
              Okay.
13
              At the bottom of the page starting
14
    on line 25, you see your statement:
15
                SCE currently earned a negative
16
                rate of return in the water
17
                utility.
18
          Α
              Yes.
19
              Now, can I get you turn to the
20
    workpapers in support of your direct
    testimony; that's SCE-01-WP, I believe, and
21
22
    there I need you to turn to page 164 of the
23
    workpapers, and if it helps you, helps
24
    anyone, to find it in the PDF file, it's page
    197 of 461.
25
26
          Α
              Can you repeat the page number?
27
              Sure. It's page 164.
          0
2.8
          Α
              Okay.
```

Should be the cover page. 1 It says 2 "Class B and C Water utilities"? 3 Yes, I do see that. Α And that's an annual report that 0 4 5 Edison files with the Commission? That is correct. 6 A 7 Let me get you to skip ahead to 0 page 205 in that same document, and this is 8 9 page 238 of the PDF file if that's easier. 10 Do you have that? 11 Α Page 205, yes. And this is an appendix for that 12 same annual report? 13 14 A It is. Looking at the discussion under the 15 heading "Footnote No. 1," do you see that it 16 says that Catalina Water Operations is not a 17 18 separate legal entity? 19 I do see that. A 2.0 And here "Catalina Water \bigcirc 21 Operations" is referring to Edison's water utility services on Catalina Island? 22 23 Δ That is correct. So when it says here under Footnote 24 1, that it's part of SCE's generation 25 organization unit, is that generation 26 organization unit part of Edison's electric 27 utility services? 28

1	A That is correct.
2	Q And then under Footnote 3 on that
3	same page, do you see that it, again, states
4	that Catalina Water Operations is not a
5	separate legal entity?
6	A It does state that. Yes.
7	Q And there aren't separate cash
8	accounts maintained for Catalina and expenses
9	are paid out of an SCE general cash account;
10	do you see those references?
11	A It does state that, yes.
12	Q And it states is it also your
13	understanding of how Catalina expenses are
14	tracked by SCE?
	7 While is a company of the allocation
15	A This is expenses are tracked
15 16	back based on the activities of water alone.
16	back based on the activities of water alone.
16 17	back based on the activities of water alone. We did keep the accounting separate to make
16 17 18	back based on the activities of water alone. We did keep the accounting separate to make sure that from a water utility perspective,
16 17 18 19	back based on the activities of water alone. We did keep the accounting separate to make sure that from a water utility perspective, operation and maintenance, capital projects,
16 17 18 19 20	back based on the activities of water alone. We did keep the accounting separate to make sure that from a water utility perspective, operation and maintenance, capital projects, those all have separate accounting to account
16 17 18 19 20 21	back based on the activities of water alone. We did keep the accounting separate to make sure that from a water utility perspective, operation and maintenance, capital projects, those all have separate accounting to account for those dollar amounts.
16 17 18 19 20 21 22	back based on the activities of water alone. We did keep the accounting separate to make sure that from a water utility perspective, operation and maintenance, capital projects, those all have separate accounting to account for those dollar amounts. Q And then on the same page of the
16 17 18 19 20 21 22 23	back based on the activities of water alone. We did keep the accounting separate to make sure that from a water utility perspective, operation and maintenance, capital projects, those all have separate accounting to account for those dollar amounts. Q And then on the same page of the workpapers, the heading "Footnote No. 4,"
16 17 18 19 20 21 22 23 24	back based on the activities of water alone. We did keep the accounting separate to make sure that from a water utility perspective, operation and maintenance, capital projects, those all have separate accounting to account for those dollar amounts. Q And then on the same page of the workpapers, the heading "Footnote No. 4," again, begins with the assertion that
16 17 18 19 20 21 22 23 24 25	back based on the activities of water alone. We did keep the accounting separate to make sure that from a water utility perspective, operation and maintenance, capital projects, those all have separate accounting to account for those dollar amounts. Q And then on the same page of the workpapers, the heading "Footnote No. 4," again, begins with the assertion that Catalina Water Operations is not a separate

And SCE doesn't maintain separate 1 2 retained earnings accounts for Catalina? 3 That is correct. Α And next sentence says those 4 0 earnings are commingled -- Catalina retained 5 earnings are commingled with SCE; do you see 6 7 that? Yes. 8 Α 9 So for purposes of this report --I'm sorry. Strike that. Let me move on. 10 11 Let me get you to go back in this 12 document to page 170 please, and it is page 203 of the PDF file, and it should have the 13 14 heading, "Utility Plant and Capitalization Data"? 15 16 Α Yes. 17 And then as I'm looking at the 18 bottom of this table on this page, Note No. 2 makes a reference to Appendix Footnote No. 5; 19 20 do you see that? 21 Α Yes. Is it your understanding that those 22 2.3 are the same footnotes that we were just reviewing on page 205 of the document? 24 25 It does appear to be correct, yes. 26 So, for example, on line 13 on this 27 page where it shows an average figure of 28 approximately \$9.1 billion of retained

```
earnings, that's for Edison, the electric
 1
 2
    utility, as well as the Catalina Water
    Operations?
 3
                    That is correct.
          A
              Yes.
 4
              Then, if you would, please, moving
 5
 6
    to page 183 of the document, do you have that
 7
    showing a Schedule A-15?
          Α
              I do.
 8
              This is about a table for common
 9
10
    stock and a table for preferred stock; do you
11
    see that?
              I do.
12
          A
              And for each table, the only entry
13
             "The appendix FN No. 4"; do you see
14
    states:
15
    that?
16
          Α
              Yes.
17
              And, again, is it your
18
    understanding that that's the Footnote No. 4
    that we were reviewing earlier on page 205?
19
2.0
          Α
              That is my understanding.
21
              Do you have that showing as
22
    Schedule A-15?
23
          A
              I do.
              And this is about a table for
24
    common stock and a table for preferred stock.
25
26
    Do you see that?
27
          A
              I do.
2.8
              And for each table, the only entry
          Q
```

states "See Appendix F and No. 4." Do you 1 2 see that? 3 A Yes. Again, is it your understanding 4 that that's the Footnote No. 4 that we were 5 reviewing earlier on page 205? 6 7 Α That is my understanding. Is it also your understanding that 8 SCE's shareholders earn a return based on the 9 totality of the utility's operations? 10 11 A That is my understanding. So it's all elements of the 12 electric service throughout the service 13 territory as well as throughout the Catalina 14 Water Utility service? 15 16 Α Yes. 17 And similarly you understand that 18 there aren't any shareholders that own stock solely in Catalina Water Utility services as 19 2.0 offered through Edison? That is correct. 21 A Would you agree with me that 22 whether or not shareholders earn a rate of 23 return in any amount on their investment is 24 25 based on Edison's wide performance? 26 Α Yes. 27 MR. SUNG: Objection. It's a little vague on the latter part of that question. 2.8

If you can clarify? 1 BY MR. FINKELSTEIN: 2 Ms. Barcinas, would you agree with 3 0 me that whether or not Edison's shareholders 4 earn a return on their investments depends on 5 Edison's system-wide performance. 6 That is their performance in providing electricity 7 service throughout their service territory as 8 9 well as water utility service on Catalina Tsland? 10 Their rate of return is established 11 based on the -- Edison as an entire company's 12 performance. However, performance in the 13 water utility can prevent high risk of cost 14 15 recovery depending on the outcome of this 16 proceeding essentially. And under that could expect a higher cost of return in their 17 18 investment. 19 So while their rate of return is 2.0 based on the entire company's performance for 21 its electric and water utility, the performance of each can impact the investment 22 2.3 community and their expectation for rate of 24 return in the future. 25 So there you're referring to the 26 performance of the water utility on Catalina 27 Island as a separate segment or a distinct segment of Edison's operations? 2.8

It is a distinct segment of Edison 1 2 operations. 3 And would that be equally true for Edison's electric generation operations that 4 it be a distinct segment of Edison's 5 operations? 6 7 It is a department within Southern California Edison as Catalina is within 8 9 generation. 10 0 Now --11 Meaning the distinct operations of the generation and its operation of 12 maintenance and capital projects as compared 13 to, say, transmission distribution, which is 14 a different department and different 15 16 operation and -- yes. And to follow up on your assertion, 17 18 transmission would be a separate set of 19 operations within Edison as the utility and distribution would be a different set of 2.0 operations within Edison as a utility? Is 21 22 that a correct understanding? Transmission and distribution, 23 A those -- they are different departments 24 25 within one larger -- divisions within one 26 larger department. 27 Thank you. Let me get you, please, to turn to your direct testimony again in 2.8

SCE-01. And it's the testimony that starts 1 2 on page 24. 3 Let me know when you're there. Α Okav. Page 24. 4 And starting on line 5, you've got 5 a discussion about the visitor -- both the --6 7 as an alternative for paying for cost of Edison's water utility operations; is that 8 9 correct? That is correct. 10 Δ 11 Q And on page -- it's on the first paragraph that starts on line 6 you did a 12 rough calculation based on an assumption of 13 700,000 passengers per year and a \$1 boat fee 14 15 each direction for tourists that are using 16 the ferry service; is that correct? 17 That is correct. Α 18 And on line 22, you made clear that 0 Edison's not proposing a boat fee alternative 19 as a mitigation measure here; is that 20 21 correct? 22 Edison is not proposing this 2.3 alternative in its proposal, no. 24 And the first reason you cite 25 starting on line 23 is that the boat fee --26 and here I'm quoting: 27 May dissuade potential visitors 2.8 from selecting Catalina in favor

1	of other regional tourism
2	destinations.
3	Do you see that?
4	A Yes.
5	Q Let me get you now please to turn
6	to what's been marked as SCE-09, which is
7	supplemental testimony and page 16, 1-6, of
8	that document.
9	A Okay.
10	Q And here you've got further
11	discussion about the visitor boat fee
12	alternative. Do you see that?
13	A I do see it.
14	Q And on page 17, the following page,
15	it shows a table Roman 3-2. Do you see that?
16	A I do see that.
17	Q And is it correct to understand
18	that this table shows that if Edison were to
19	attempt to collect in a single year
20	\$30.9 million from a boat fee that it would
21	require a fee of \$22.15?
22	A That is correct.
23	Q And then the last line on the table
24	is it correct to understand that to indicate
25	that if Edison collected the amount over
26	20 years, it would require a \$1.27 boat fee?
27	A That is correct.
28	Q And that would represent a 3.5

percent increase to the current boat fee? 1 2. That is correct. Α So just above the table -- I'm 3 sorry. Turn to the next page, page 18. Do 4 5 you see that? 6 A I do. 7 And here you're beginning a discussion about -- on line 7 and 8, you're 8 9 beginning a discussion of "Considerable legal 10 and procedural barriers to establishing a new 11 boat fee." Do you see that? Yes, I do. 12 Α And you recognize here starting on 13 line 9 that the Commission regulates the 14 15 Catalina Cross Channel Carriers; is that 16 correct? 17 A That is correct. 18 And the Cross Channel Carriers are the ferries that bring tourists and residents 19 2.0 back and forth between Catalina Island and the mainland? 21 22 That is correct. Α 2.3 And then on page 19 that same 0 24 document, please, starting on line 18, you 25 refer to "The boat fee lacking a reasonable 26 nexus to the cost that a ferry normally 27 collects to transport its customers." 2.8 Do you see that?

1	A I do see that.
2	Q Is it your understanding that the
3	ferries already charge and collect fees for
4	other services that are provided on Catalina
5	Island?
6	A I'm not aware of all of the
7	services and fees that the ferries' charges
8	include.
9	Q Are you aware of any of them?
10	A I am aware of them as they relate
11	directly to the service that the carrier
12	provides and it's relatable related taxes
13	and surcharges.
14	Q Isn't there a fee associated with
15	health services provided on Catalina Island?
16	A It was recently implemented, so I'm
17	not sure if that's in effect yet or the
18	amount provided. But I know that that was
19	being pursued.
20	Q Being pursued. And is it your
21	understanding that it's been authorized?
22	A That is my understanding.
23	Q And has it been implemented as of
24	this date to your knowledge?
25	A I am unsure or whether or not it
26	has been implemented to date.
27	Q On page 19 of SCE-09 starting on
28	line 21, you have a sentence about the need

for the Commission to afford due process to 1 2. all affected stakeholders. Do you see that? 3 A Yes. And one of the stakeholders that 4 you specify here is Catalina Express? 5 6 Α Yes. 7 And that's one of the ferry service providers? 8 That is. And that is just one 9 stakeholder that is not included in this 10 11 proceeding that would need to be involved for 12 such a proposal. Is it your understanding that the 13 14 Comission can't adopt an outcome based on the 15 utility application unless each party that 16 might be affected by that outcome is represented in a proceeding? 17 18 The parties that would be impacted by the proposal should have an opportunity to 19 20 engage in a proceeding. 21 Let me get you to turn back to your direct testimony in SCE-01 if you would, 22 23 please, on page 4. Do you have that? 24 A I do. 25 And at the very bottom of the page on line 17, there's reference to SCE having 26 been actively engaged in preparing and 27 implementing a cost recovery plan for the 28

```
water utility since the prior year GRC
 1
 2
    decision came out in October of 2014. Do you
    see that?
 3
          A
              Yes.
 4
              And one of the things that you
 5
 6
    specifically referred to on the carryover
 7
    from page 4 to page 5 was that there was
    considerable -- I'm sorry. There were
 8
 9
    considerable stakeholder engagement
    activities?
10
11
          A
              Yes.
12
              And at the bottom of page 5, you
13
    make a reference in Footnote 11 to four pages
14
    of the workpapers in support of SCE-05. Do
    you see that?
15
16
          Α
              Yes.
              And you have what's been marked as
17
18
    TURN-02, which is an excerpt from the
19
    workpapers for SCE-05?
2.0
              Will you be pulling that up similar
    to Public Advocates Office?
21
22
          MR. FINKELSTEIN: Your Honor, can we go
    off the record for a second?
2.3
24
          ALJ TOY: Yes.
25
              Off the record.
26
              (Off the record.)
27
          ALJ TOY: Back on the record.
2.8
              Please continue with your cross,
```

Mr. Finkelstein. 1 MR. FINKELSTEIN: Thank you, your 2 3 Honor. Ms. Barcinas, do you have before 4 0 you what's been marked a Exhibit TURN-02, 5 6 which is an excerpt of the workpapers for 7 SCE-05? I do have it in front of me, yes. 8 9 Q And do you see that on page --10 what's designated as page 362 has a heading 11 Summary of Catalina Stakeholder Engagement Activities? 12 13 A Yes. 14 And there's a Table 1-1 in about 15 the middle of the page. Do you see that? 16 A I do. 17 And the sentence that's after that 0 18 refers to "External engagement meetings at 19 Edison began conducting in 2018." Do you see 2.0 that? 21 I do see that. And in Table 1-1 itself, do you see 22 that about five lines down on the left-hand 2.3 side that Catalina Express is one of those 24 25 stakeholders that is included in those 26 meetings? 27 They were included in those meetings, and we discussed our upcoming GRC 2.8

as well as the idea of a boat fee to which we 1 2. received significant feedback that there was opposition to that (inaudible) and Edison's 3 proposal does not include that in its 4 proposed recovery of cost. But, you know, 5 maybe as an alternative that it reviewed. 6 7 So turning to page 363 of this document, do you see there's a Table 1-2? 8 9 A Yes. And it shows a series of meetings 10 0 11 that took place between May 2018 and November 12 of 2018. Do you see that? 13 Α Yes. 14 And for each of the meetings 15 through August 23rd, 2018, one of the topics 16 discussed was a proposed boat fee? That is correct. It was a boat 17 Α 18 The idea of proposing a boat fee, yes. And the second meeting that's shown 19 here on Table 1-2 is a meeting on June 6th, 2.0 21 2018, with Catalina Express? 22 Α Yes. 2.3 Thank you. Let me get you to go back to your direct testimony in SCE-01, 24 25 please. 26 Α Okay. 27 At page 24 at the bottom of the 2.8 page starting on line 25, a second reason

Edison cited for not proposing the boat fee 1 2. is the assertion that the majority of visitors to the island come from areas within 3 Edison's service territory. Do you see that? 4 I do see that. 5 Yes. And on page 25, the sentence that 6 7 begins on line 1 states that: The feeder areas from which 8 9 tourists come to Catalina largely 10 overlap with Edison's electric 11 service territory. That is correct. 12 Α And am I correct in understanding 13 0 your response to Ms. Fisher's questions 14 earlier to be that the Chamber of Commerce 15 16 study from -- I forget if it was 2016 or 2017 -- that's what you're relying on for this 17 18 analysis? 19 That is correct. Α 2.0 Did Edison perform any sort of 0 21 independent analysis to confirm the figures that you're citing here? 22 2.3 We did not perform a separate A 24 analysis, no. 25 And is it your understanding --26 well, Ms. Barcinas, would you agree with me that the fact that a tourist comes from Los 27 Angeles County doesn't mean that the tourist 2.8

is coming from a household that's served by 1 2 Southern California Edison for electricity service? 3 Α There is a large overlap with SCE's 4 territory in LA County, but it is not only 5 6 served by SCE. 7 Right. It's also served Los 0 Angeles Department of Water and Power? 8 That is correct. 9 Α 10 0 And there are a couple of other 11 smaller municipal utilities also within Los Angeles County? 12 13 Α Smaller, yes. 14 And do you have a sense of the general percentages of the LA County 15 16 residents that are served by Edison versus 17 served by the other entities? 18 I do not have that percentage. 19 And is it your understanding that 2.0 the study from the Chamber of Commerce treated all of the customers from Los Angeles 21 as being Southern California Edison 22 23 customers? They did not mention Southern 24 A 25 California Edison customers specifically in their report is my understanding. But more 26 27 just the nature of where the tourists reside. 2.8 Right. But in calculating that Q

70 percent of the customers -- I'm sorry. 1 2. Let me get you to go to page 24 of your direct testimony at the very bottom of the 3 page, line 26, carrying over into page 25. 4 5 You state that: The Visitors Report shows that 6 7 over 70 percent of visitors originate in feeder areas across 8 Southern California. 9 10 Is that correct? 11 A That is correct. Okay. And in calculating that 12 70 percent, was the entirety of Los Angeles 13 14 included in that calculation? 15 Los Angeles among other counties 16 within Southern California, yes. 17 The majority were from Los Angeles 18 County. Is that your understanding? I don't recall if the majority were 19 20 LA County. But the 70 percent reference is 21 to Southern California in its entirety. So is it your understanding that 22 2.3 includes San Diego? It's not my understanding whether 24 Α or not they included San Diego County. 25 26 I'm sorry. Is your response that 27 you don't have an understanding as to whether or not they included San Diego? 2.8

My assumption was that they did 1 include San Diego. But I cannot confirm. 2. Τ don't have that confirmation. 3 MR. FINKELSTEIN: Thank you, 4 Ms. Barcinas. 5 6 Your Honor, that's all I have at 7 this time. ALJ TOY: Okay. 8 9 Is there any redirect from SCE? 10 MR. SUNG: Yes, your Honor. 11 ALJ TOY: Are you ready to conduct that 12 now or do you need a minute or two? MR. SUNG: No. It will be short so I 13 can go ahead and get started. 14 15 ALJ TOY: Okay. Great. Please proceed with your redirect. 16 17 REDIRECT EXAMINATION 18 BY MR. SUNG: Ms. Barcinas, in the stakeholder 19 conversation with the Catalina Island 2.0 21 stakeholders, you have expressed that the boat fee was discussed; is that correct? 22 That is correct. 2.3 A And what was the feedback that SCE 24 0 had received in regards to the boat fee? 25 26 We received significant opposition 27 to the boat fee in its potential to impact the tourism and the economy that the city and 2.8

the island community really rely on. 1 2 Was that feedback obtained by one stakeholder or several? 3 Several stakeholders. 4 As a result of that stakeholder 5 6 process, how did SCE form its cost recovery 7 proposal as currently stated in the GRC proceeding? 8 With that feedback in mind with a 9 10 potential impact to the Catalina residents 11 and economy, being good stewards overall with the community did not want to propose 12 something that could have such a significant 13 impact. So that was factored in our ultimate 14 preferred solution, which is our proposal 15 16 today to charge SCE's Catalina customers for the routine operations and maintenance and 17 the extra ordinary cost to spread that across 18 19 the electric customers. 2.0 Thank you, Ms. Barcinas. MR. SUNG: 21 No further questions. ALJ TOY: I have a question off of 22 2.3 that, Ms. Barcinas. 24 When you held these stakeholder 25 meetings, was there any sort of ranking done 26 by the stakeholders? Or was it more just comments on all the different (inaudible.) 27 2.8 THE WITNESS: I was not personally in

```
attendance to any of those meetings.
 1
 2
    it's my understandings at the time we did not
    have the full suite of alternatives to rank.
 3
              Can you quys hear me okay?
 4
          ALJ TOY: Yes.
 5
 6
          THE WITNESS: Sorry. There was a
 7
    refreshing, I think, in the system.
              I was not in attendance myself, but
 8
 9
    it's my understanding that we discussed the
    boat fee, and, again, received the feedback.
10
11
    So we did not have a ranking of alternatives
    that we received back from the parties.
12
13
          ALJ TOY: Okay. Thank you.
14
              Do you have any re-cross,
    Mr. Finkelstein?
15
16
                  RECROSS-EXAMINATION
17
    BY MR. FINKELSTEIN:
18
              Very quickly.
          0
              Ms. Barcinas, in the stakeholder
19
2.0
    meeting, did you also receive feedback from
21
    ratepayer representatives about Edison's
22
    proposal to collect costs from Edison's
    electric customers?
2.3
              I do not and cannot confirm whether
24
          A
25
    or not that was a proposal that we had at
    that time in 2018 and whether or not that was
26
27
    part of the discussion at that time in 2018.]
2.8
          Q
              So you're not aware if that was
```

something that was presented as a possibility 1 2. in the stakeholder meetings? I cannot recall whether or not that 3 was a possibility that was discussed. 4 Well, wouldn't you have had to 5 discuss it with stakeholders from Catalina 6 7 Island as an alternative that would permit Edison's recovery of the costs, ultimately? 8 9 If you're not getting it from a 10 boat fee and you're not getting it from water 11 rates, where would you be getting the recovery from otherwise? 12 It's my understanding that that 13 engagement regarding our specific proposal 14 occurred after 2018. So the specific 15 16 meetings that you are pointing to, I cannot 17 confirm whether or not that was a subject of 18 discussion. 19 Looking back on what's been marked as Exhibit TURN-02, the excerpt of the 20 workpapers from SCE-05 -- do you have that? 21 22 Α Yes. 2.3 In Table 1-2, on page 363? Q 24 A Yes. 25 Do you see that the 6/21/18 meeting with representatives of ORA and TURN 26 27 discussed the acronym "RMSM"? 2.8 Α I do see that, yes.

1	Q Do you know what that acronym
2	stands for?
3	A I do not.
4	Is that specified here?
5	Q Not that I know of.
6	Your Honor, could we get Edison to
7	commit to supplementing the record to at
8	least explain what that acronym stands for?
9	My recollection is that it was
10	regarding having electric customers pay for
11	water utility costs. But I don't have the
12	specific acronym name in mind, as I sit here
13	today.
14	ALJ TOY: Does Edison have comments on
15	that?
16	MR. SUNG: Yeah. So Mr. Cooper Cameron
17	will be on the stand slated for tomorrow.
18	And he can speak to that portion of it. It
19	refers to Rate Mitigation Sharing Mechanism.
20	But, yeah, it you know, Ms. Barcinas was
21	obviously not a part of those meetings. So
22	we can have another witness speak to that if
23	TURN wishes.
24	ALJ TOY: Mr. Finkelstein?
25	MR. FINKELSTEIN: Sure, your Honor.
26	Just a couple more questions.
27	Q Ms. Barcinas, does that refresh
28	your recollection, that it's the Rate

Mitigation Sharing Mechanism? 1 2. Mr. Sung did confirm that that's what that stands for. However, as I 3 mentioned before, I was not in attendance 4 during those meetings. So I cannot confirm 5 the extent of what that discussion contained. 6 7 But based on the name of it, would you expect that it involved sharing costs 8 between Edison's Catalina water customers and 9 10 Edison's electricity customers on the mainland? 11 It could -- it could have included 12 a number of ratemaking consolidation 13 proposals. And I cannot confirm what it 14 15 actually consisted of. 16 But did I understand you to say earlier that the cost-sharing proposals had 17 18 not been part of the discussion prior to 19 2018? 2.0 I did not understand it to be part 21 of the discussions before 2018. But, again, I was not in attendance during those 22 23 meetings. So is it fair to characterize your 24 testimony as cost-sharing proposals could 25 have been discussed, but you're unaware of it 26 27 at this time? 2.8 The extent of the cost-sharing

```
proposals and to what extent that included,
    I'm not aware of, since I was not in the
 2
 3
    meetings. No.
            Okay. I'll leave it at that.
 4
              Thank you, your Honor.
 5
          ALJ TOY: Mr. Sung, any redirect?
 6
          MR. SUNG: No, your Honor.
 7
          ALJ TOY: Okay. It is 12:04. We can
 8
    take our lunch now. We'll take an hour and
 9
10
    five minutes. So everyone come back at 1:10.
11
              Thank you for your participation so
12
    far today. Off the record.
13
              (Whereupon, at the hour of 12:05
          p.m. a recess was taken until 1:10
14
          p.m.)
15
                                * ]
16
17
18
19
20
2.1
22
23
24
25
26
27
28
```

1	AFTERNOON SESSION - 1:10 P.M.
2	
3	* * * *
4	ALJ TOY: Okay. Back on the record.
5	We're coming back from our lunch
6	break. I will now continue with the
7	cross-examination of Ms. Barcinas. We will
8	be continuing with the cross by the Catalina
9	Parties.
10	And, Ms. Barcinas, I just want to
11	remind you of the attestations you took
12	earlier.
13	Please proceed with your cross, Mr.
14	Bishton.
15	ROSALIE BARCINAS,
16	resumed the stand and testified further as
17	follows:
18	MR. BISHTON: Thank you, your Honor.
19	May I I request that I be allowed to share
20	screens for exhibits.
21	ALJ TOY: Sure. Off the record.
22	(Off the record.)
23	ALJ TOY: Okay. Back on the record.
24	Please proceed with your cross of
25	Ms. Barcinas.
26	CROSS-EXAMINATION
27	BY MR. BISHTON:
28	Q Mr. Barcinas, my name is Norris

I represent the Catalina Parties, 1 Bishton. 2. which are representative of virtually all of 3 the ratepayers -- water ratepayers on the island from the City of Avalon, to Hamilton 4 Cove, to the Conservancy, to the Santa 5 Catalina Island Company, to the Chamber of 6 7 Commerce. And we have been working and meeting with Catalina -- I'm sorry -- your 8 9 representatives on the island for many, many years as a group. And we are trying to work 10 11 together as a group. I note from your qualifications 12 that are contained in one of the exhibits of 13 evidence you've been in this position as 14 15 Director of SCE's Catalina Operations and 16 Strategies since April of 19 -- 2021; is that 17 correct? 18 A That is correct. 19 What were you doing prior to that? Q 2.0 So, I've been with Edison for over A 21 the 23 years now and held a number of positions across many subject areas. 22 include: 23 Regulatory affairs, the development and construction of major projects, 24 25 environmental external engagement, just to 26 name a few. And so I've held many positions 27 across those areas. 2.8 Q Okay. Now, I meant -- I should

have asked it more particular. 1 2. What in connection with Catalina Island, and the operations on Catalina 3 Island, did you have prior to April of 2021? 4 Prior to April of 2021, my only 5 direct experience is when I was in our real 6 7 properties department many years ago. a real estate services agent. And so I --8 9 Catalina was within my territory. Other than that, the rest of my 10 11 experience, again, across regulatory, environmental, external engagement, the 12 development and planning of major complex 13 infrastructure projects, and the State and 14 15 Federal review required for that have all 16 provided a strong foundation to apply over to the water and gas and electric utilities on 17 18 Catalina. Ultimately, those subject areas 19 are foundational to the needs for Catalina. 2.0 What do you know about the 21 operations and have principally learned since you took over in April of last year? 22 2.3 Α I'm sorry. Can you restate that? What do you know about the Catalina 24 0 water operation that you principally have 25 26 garnered that information since April of last 27 year? 2.8 Majority of my knowledge has come

```
from April of last year as it relates to the
 1
 2
    direct operations of the water and gas and
    electric utility, yes.
 3
              Within the -- Edison, what is water
 4
    operation -- what would you call it?
 5
              What would I call water
 6
 7
    operation --
              Is it a -- it's certainly not an
 8
 9
    entity of its own; correct?
              Catalina Water Utility is within
10
11
    the overall Catalina operations. That is a
12
    -- you know, a department underneath our
    generation division.
13
14
              Okay. It's a department.
15
              Does it have its own monthly P&L?
16
              Can you describe -- tell me what
          Α
17
    P&L --
18
              Profit-and-loss statement --
          0
19
    financial statement.
2.0
              Does it have a monthly financial
21
    statement for that department --
22
              Not that I'm aware.
          Α
2.3
              -- that focuses on that department?
          0
              Not a monthly profit-and-loss
24
    statement, that I'm aware of, no.
25
26
              You're aware of the expenses that
27
    have been approved in the prior GRC by the
    PUC for the water operation?
2.8
```

I'm a -- I am aware of that, yes. 1 And that's -- it would be like a 2. budget for that operation, would it not? 3 That is the approved dollar amount 4 for those particular projects and for the 5 revenue requirement, yes. 6 7 Does the water department have a monthly measurement of performance against 8 9 budget? We do discuss the status of our 10 11 annual budget, as well as the status against our performance against our capital projects. 12 13 So, yes, we do. 14 No, I'm talking about your operating expenses. You know, a normal 15 16 business maintains control through use of the 17 financial statement -- typically, monthly 18 financial statement -- where they measure their current performance against their 19 20 budget. 21 Does Edison have anything like that 22 for their water operation? 23 We have regular meetings to discuss how we are performing against our annual 24 budget, which does include our operating 25 expenses, labor, et cetera. 26 27 That is an operating budget for the entire operation on Catalina Island, is it 28

```
1
   not?
 2
              We discuss the performance for the
    water utility, as well as the gas and our
 3
    electric.
 4
              Dr. Brian Brady, our expert, in his
 5
 6
    direct testimony identified 10 other Class C
 7
    entities -- water utilities regulated by the
    PUC. Each one of them is either a
 8
 9
    corporation or -- I believe they are all
10
    corporations.
11
              Your water operation is not a
12
    corporation; is that correct?
              It is not --
13
          Α
              It doesn't have a Board of
14
15
    Directors for example?
16
              (Crosstalk.)
17
               (Court reporter clarification.)
18
          ALJ TOY: Mr. Bishton, please let the
19
    witness finish her statement.
2.0
          MR. BISHTON: I apologize.
              It doesn't have a Board of
21
22
    Directors, for example, to supervise the
23
    operation of the department or anything of
24
    that nature?
25
              It has its own dedicated
26
    management, but does not have a Board of
27
    Directors for the Catalina utilities itself,
2.8
    no.
```

And it has 13 part-time employees; 1 2 is that correct? 3 It has 13 full-time employees. But they only work part-time -- do 4 0 they not? -- for the water operation? 5 6 13 full-time employees that service 7 both the gas and water utility. And they are reported -- their 8 9 compensation is reported in account 630 in 10 the annual reports filled by Edison with the 11 PUC? I cannot confirm the exact account 12 that you mentioned. But they -- their time 13 is allocated based on how their time is spent 14 15 and whether it's attributed to the water or 16 the gas utility, depending on the work they 17 are doing. 18 In the annual report for 2019, the 19 compensation for the 13 part-time employees 20 was 2 million -- \$1,677,000. You divide that 21 by 13, and that's \$129,000 per employee. Is that kind of compensation 22 23 comparable to what is paid for other water 24 companies supervised by the PUC? 25 I do not have their compensation in 26 front of me to confirm that number, nor I do 27 know the compensation of other water utility 28 employees to compare it to.

```
In 2021 -- pardon me.
 1
          0
 2
              In 2020, account 630 has $3 million
 3
    -- 8 -- 900 -- 803,469 (sic), which is
    $292,575 per employee for 13 employees.
 4
              That's an astronomical
 5
 6
    compensation, is it not?
 7
              I cannot confirm whether that is
    made up of just those 13 employees across the
 8
 9
    water and gas utility, or if it includes
10
    other labor that provides support to the
11
    island. For example, within generation, we
12
    have asset management engineers and employes
    that will provide support when needed, as
13
    well as environmental, regulatory, and other
14
    departments that provide support when needed.
15
16
    So I cannot confirm whether or not that
    particular number only relates to the 13
17
18
    full-time employee.
              I direct your attention to your
19
20
    Exhibit 2 at page 6.
21
              Can you call that up?
22
          A
              Can you repeat that?
2.3
          Q
              SCE-02 at page 6.
24
              I don't seem to have SCE-02.
          A
25
          MR. SUNG: Your Honor, I don't want to
26
    prematurely object, but SCE-02 was not
27
    sponsored by Ms. Barcinas. It's testimony
28
    sponsored by Mr. Hite. So that's probably
```

why Ms. Barcinas does not have that in her 1 materials. So it sounds like an objection is 2 coming based off expanding beyond the scope 3 of her testimony, but I didn't want to 4 prematurely object. But it does seem like 5 6 it's going to go there, your Honor. 7 MR. BISHTON: Your Honor, I listened very closely to Mr. Sung at the beginning. 8 9 And he said that Ms. Barcinas was sponsoring 10 not just SCE-01, but 1 through 4, as well as, 11 I believe -- I have it down here --I believe that was sections 1 12 ALJ TOY: through 4 of SCE-01, Mr. Bishton. 13 14 Is that correct, Mr. Sung? 15 That is correct, your Honor. MR. SUNG: 16 MR. BISHTON: Let me show her the --17 what I'm referring to. ALJ TOY: What's the nature of your 18 19 question regarding? 2.0 MR. BISHTON: As to the number of 21 employees -- what the testimony has been concerning the number of part-time employees 22 23 employed by the water department. 24 MR. SUNG: Your Honor, we will -- Mr. 25 Hite is slated to appear on Monday, who can speak to these issues, including the 26 27 O&M-specific accounts and the part-time 28 employees that Mr. Bishton is referencing.

So we would, you know, kind of have a 1 2 standing objection to any line of questioning regarding this line of testimony. 3 ALJ TOY: Is there a particular reason 4 you believe Ms. Barcinas should be answering 5 these particular questions, Mr. Bishton? 6 7 MR. BISHTON: No particular reason. I can take it up with Mr. Hite if that is the 8 9 Court's ruling. 10 ALJ TOY: Okay. Yeah. Please do that. 11 Stay within Ms. Barcinas' testimony. BY MS. BARCINAS: 12 Ms. Barcinas, what are ratepayers 13 on the island -- if they also have electrical 14 15 service from Edison and they have gas -- some 16 of them gas service, they receive one bill -is that correct? -- they are billed in one 17 18 bill? There's not a separate bill for water separate from gas, separate from electricity, 19 2.0 is there? 21 It was my understanding that those 22 bills are separate. There are separate 2.3 charges for each. 24 They are separate charges for each; but it comes in the mail to them or online a 25 26 single bill for whatever services they 27 have received from Edison? 2.8 I cannot confirm that. I'm unsure A

1	of how the actual bills show up.
2	Q For a lot of ratepayers on the
3	island, is there an office or person on the
4	island that they can reach out with to for
5	questions that they have concerning their
6	bill or their service?
7	A We do have customer service numbers
8	where Catalina Water and Gas and Electric
9	customers can contact in the event of any
10	customer service concerns.
11	Q That is the same customer service
12	that is provided for your mainland electrical
13	customers also, is it not?
14	A We recently created one
15	specifically for the water billing. Earlier,
16	the I believe it was time all runs
17	together. It may have been towards late last
18	year that we created a specific customer
19	service center for Catalina.
20	Q And where is that located?
21	A Where is the number located?
22	Q Where is the people that handle
23	that located?
24	They are not on the island, are
25	they?
26	A They are not on the island.
27	Q So where are they located? on
28	the mainland?

Their home office, I believe, is in 1 one of Edison's offices. But I cannot -- I don't know whether -- out of which city they 3 work. Are they the same -- part of the 5 same customer service group that handles 6 7 electrical ratepayers also? They are. 8 Α 9 If you go to the Edison website, is 10 there a separate tab for water customers to 11 get information? MR. SUNG: Objection, your Honor. 12 This is really going beyond the scope of Ms. 13 14 Barcinas's testimony. 15 ALJ TOY: Do you have a response, Mr. 16 Bishton? 17 MR. BISHTON: Yes, your Honor. I'm 18 trying to demonstrate that the water is just really part of one operation -- one combined 19 20 operation. It is not really separate. 21 not a separate entity as the other ones that are normally regulated water entities by the 22 PUC. It is --2.3 24 ALJ TOY: And what was your last 25 question? Sorry. 26 MR. BISHTON: My last question was on 27 the website. Edison has a single website, and there's no special place or tab or 2.8

anything where a water customer can obtain 1 information or make contact or anything else. ALJ TOY: I'm going to let this 3 question through. 4 Ms. Barcinas, please respond as best 5 able. 6 7 THE WITNESS: I'm not aware of whether or not our sce.com website -- the exact areas 9 in which our water customers or gas customers 10 have any different tabs or anything of that 11 sort. BY MR. BISHTON: 12 We recently have had a draught that 13 affected Catalina Island. Was that an 14 unusual occurrence for Catalina Island? 15 16 Droughts, unfortunately, are not Α unusual to Catalina, as you know. However, 17 18 the most recent one, 2013 to 2019, was one to the extent that was historical in how extreme 19 2.0 it was. 21 Did you -- Edison established a rationing procedure with approval of the PUC 22 23 in 1977; is that correct? I do not recall the year in which 24 Α that initial plan was approved with the CPUC. 25 Directing your attention to SCE-01, 26 27 on page 20, reads: 2.8 SCE was an early adopter of

1	conservation practices. SCE's
2	Staged Mandatory Conservation and
3	Rationing Plan, Water Rationing
4	Plan, was originally adopted in
5	1977. SCE has implemented its
6	Water Rationing Plan on numerous
7	occasions over the years to
8	maintain an adequate supply of
9	water during periods of prolonged
10	drought.
11	Do you see that?
12	A I do see that.
13	Q What, starting in 1977, did Edison
14	do to maintain an adequate supply of water
15	during drought?
16	What does it what action, if
17	any, did it take?
18	MR. SUNG: Objection. Compound.
19	ALJ TOY: Could you please simplify
20	your question a little bit, Mr. Bishton?
21	BY MR. BISHTON:
22	Q What action, if any, did SCE take
23	subsequent to 1977 to provide adequate water
24	supply during a drought, if any?
25	A One recent action I will draw
26	back to the 1977. But one recent action was
27	installation of a desalination plant. And we
28	have multiple plants there now, plant one and

```
plant two, which is significantly improving
 1
    the water supply and reliability for the
 3
    island.
              You received -- Edison received a
 4
    desalination plant in, approximately, 1986 --
 5
    did it not? -- as a -- at no cost to Edison;
 6
 7
    is that correct?
          A
              I don't recall the year or that it
 8
 9
    was at no cost to SCE.
              Did the developers of Hamilton Cove
10
11
    provide a -- were they required to provide a
    desalination plant in order to go
12
    forward with that development?
13
14
              I am aware of their contributions,
    but do not recall if it covered the entire
15
16
    cost of desalination plant one.
17
              Once that was received by Edison,
          0
18
    did they stop using it shortly thereafter and
    lost the licensing and permits to operate it?
19
          MR. SUNG: Objection, your Honor. This
2.0
21
    is really beyond the scope of Ms. Barcinas's
    testimony. These are actions back in the
22
2.3
    80s. And we're -- the GRC proceeding is
    covering the Test Year of 2022. So I'm
24
    wondering if there's a more direct relevance
25
    to the current application. You know, it
26
27
    really does strike as irrelevant and outside
28
    the scope.
```

```
ALJ TOY: Do you have a response,
 1
 2
    Mr. Bishton?
          MR. BISHTON: Your Honor, the dealing
 3
    with drought conditions, how Edison has dealt
 4
    with the drought conditions that they know
 5
    are persistent on Catalina Island, I think is
 6
    an issue in this proceeding. They want to
 7
    recover substantial money from current
 8
 9
    ratepayers in connection with drought
10
               This is very much an issue in this
    expenses.
11
    proceeding. What I quoted from comes from
12
    the testimony in SCE-01.
                     Your Honor, that was more of
13
          MR. SUNG:
    a background to help establish the
14
15
    reasonableness of the recent drought
16
    beginning -- ending in February of 2019.
    you know, we're more than prepared to discuss
17
    the --
18
19
              (Webex audio glitch.)
2.0
              (Crosstalk.)
21
          MR. SUNG: But to go this far back,
22
    first, that's outside the scope of Ms.
23
    Barcinas' testimony, because she really is
    the policy witness to speak on these issues.
24
25
    And Mr. Hite would be better to -- better
26
    suited to discuss or answer questions
27
    relating to the specifics of the actions that
    SCE took. But, you know, having said that,
2.8
```

```
it's still back in the 80s and really a
 1
 2.
    tenuous connection here, your Honor.
          ALJ TOY: Are you attempting to
 3
    establish the history of SCE's actions with
 4
    regards to drought conditions, Mr. Bishton,
 5
 6
    or --
 7
          MR. BISHTON: Yes, I am. 45 years have
    passed since 1977 to the present. And I --
 8
 9
    I'm trying to establish what, if anything,
    has been done to provide an adequate water
10
11
    supply by the sole water utility on Catalina
    Island.
12
                    I would say that you may ask
13
          ALJ TOY:
    Ms. Barcinas about her knowledge of actions
14
    that she has taken, but I don't think this
15
16
    extraneous, sort of, line of questioning
    about chronology and things is necessary to
17
18
    discuss with her. Possibly you may bring it
    up with Mr. Hite if it's in his testimony.
19
2.0
              If you want to point to the specific
21
    actions they've taken in Ms. Barcinas's
    testimony, if there are any other actions,
22
23
    I'm happy to hear that, but, otherwise, I
    would say, please move on.
24
25
    BY MR. BISHTON:
              Ms. Barcinas, recently, Edison
26
27
    brought an Advice Letter 123 in order to deal
    with the Safe Annual Yield or Fresh Water
2.8
```

```
Yield; correct?
 1
 2.
          A
              That is correct. To improve the
    methodology and conditions under which Safe
 3
    Annual Yield is determined.
 4
              And Edison noted in that that they
 5
    had been ordered 13 years before to provide
 6
 7
    within 60 days a water-modeling study, but
    they waited 13 years to provide it to the
 8
 9
    PUC; is that correct?
              I'm not aware of that.
10
11
          0
              The PUC rejected 123 initially --
12
    did it not -- and required SCE to file 123-A;
    is that correct?
13
14
              My understanding of the revisions
    that were asked under the Advice Letter
15
16
    related to the amount of supply from the
    desalination plant and that we were
17
18
    proposing, and so, ultimately, in the last
19
    revision, we aligned that amount with what is
2.0
    in our coastal development permit (inaudible)
    amount of desalination that we're allowed to
21
22
    produce.
2.3
              Catalina Parties protested both 123
          0
    and 123-A; did they not?
24
25
              That's my understanding.
          Α
              And Edison filed 123-B?
26
          0
27
              Can you repeat that? I'm sorry.
          Α
2.8
              They had to file Advice Letter
          Q
```

123-B? 1 2. We were asked to modify our 3 proposal and file 123-B. And as a result of that dating back 4 to February of last year, the Safe Annual 5 Yield or Fresh Water Yield has been greatly 6 7 increased; has it not? As a result of 123 being approved, 8 9 yes. Our Safe Annual Yield has significantly improved with an additional, I believe, 147 10 11 acre feet per year, which is a significant benefit to the supply in how we calculate as 12 13 well our supply. 14 Yes. Have any requests for 15 allocations been approved since 123-B was 16 approved? 17 Not yet; however, we anticipate Α 18 that that will happen shortly. We are vetting the methodology and the numbers as we 19 20 speak. We do anticipate starting to approve those on the wait list. Although I can't say 21 22 at this point how many, we do anticipate 2.3 providing the approval very soon. Earlier I asked questions about 24 water loss in the system. Can you identify 25 26 anything specifically that have been done to 27 deal with water loss? 2.8 Α Yes. We've got a number of steps

that we're taking starting a few years ago. 1 2 Like I mentioned, we started looking at this much closer, as our asset management program, 3 and so part of that is looking at baseline 4 conditions of our infrastructure and creating 5 a proactive plan for improvement as it 6 7 relates to the infrastructure. We also adopted the American Water 8 9 Works Association's methodology in calculating water loss and what that also 10 11 does is identify areas for improvement. Last 12 year, we formalized those steps even more, 13 creating a program, a water loss production program, with establishing resources to make 14 improvements, identifying goals in our 15 16 looking to make additional significant steps 17 this year. 18 Other steps include customer meters, for example, as well and making sure 19 that we are identifying when those need to be 2.0 replaced. We are testing and calibrating 21 22 those so that, you know, the apparent losses are reduced with more valid data. 2.3 We also are looking at meters 24 25 on our own where we sourced the water to make 26 sure that that data is accurate, and we are 27 identifying whether there is any actual losses in those areas as well. So those are 2.8

just a few examples of a number of steps we 1 are taking to make improvements. 3 Has any improvement occurred? This program has just started; so 4 Α 5 we expect to see improvements this year. 6 In the SCE Exhibit 10, page 6, 7 there's a short sentence: "Provide for equity between present and future users of 8 water service." 9 10 That's one of the things that 11 Edison is required to do. What do you understand that to mean? 12 13 Α Can you repeat the page number? 14 Page 6 in SCE-10. Q Which line? 15 A 16 Page 6. I don't have it up here. It's in the list of items. 17 18 Can you repeat the question? I Α 19 think I have the area that you're 2.0 referencing. 21 It says one of your obligations is to provide for equity between present and 22 future users of water service. It's a bullet 23 point in one of the bullet points. 24 25 Α I see that, yes. 26 What do you understand that to 27 mean? I understand this to mean that 2.8 A

```
we're not unfairly burdening either the
 1
 2.
    present customers or future customers with
    costs that may not be related to their
 3
    service or improvement of their service.
 4
              What does it mean, Edison, as you
 5
 6
    have testified, is facing numbers as high as
 7
    $70 million to be spent removing
    decommissioned and active pipelines lined
 8
 9
    with PCB-containing material, PCB material,
10
    period, and have asbestos on the outside of
11
    the pipes?
12
              These pipes go back a long time.
    Is it your position that the equity between
13
    present and future users of water service
14
15
    would require them to pay for every
16
    mediation?
17
          MR. SUNG: Objection, your Honor.
18
    is not within the scope of this proceeding,
    let alone this person's testimony.
19
2.0
              Those costs are being tracked in a
21
    separate memo account and have been
    specifically carved out of this proceeding
22
2.3
    because we're not seeking cost recovery. It
24
    just really has no bearing on this present
25
    proceeding.
26
          ALJ TOY:
                   Your response to that,
27
    Mr. Bishton.
2.8
          MR. BISHTON: In this proceeding,
```

they're also claiming the -- trying to have 1 2 money for the retool of the million-gallon tank with the same problems and certain 3 amount of piping that was allowed in that 4 process, and I can address the question to 5 6 them. 7 ALJ TOY: Okay. Please move on from the questions regarding PCB and cost recovery 8 for that because that is not an issue here. 9 BY MR. BISHTON: 10 11 Edison is requesting a substantial amount of money for the rehab and the 12 rehabilitation of the million-gallon tank --13 14 is that correct -- in this proceeding? 15 (Reporter clarification.) 16 BY MR. BISHTON: 17 Edison is requesting a substantial 18 amount of money in this proceeding for the 19 rehabilitation of the 20 PCB-lined-million-gallon tank and the piping connected with the tank; is that correct? 21 22 I disagree with the characterization of it being a substantial 2.3 amount. Edison is requesting to recover its 24 25 expenses related to the rehab of the million-gallon tank in this proceeding, yes. 26 Is it your testimony that it is 27 equitable to charge present and future 2.8

```
customers for that past problem?
 1
 2.
              That expense was incurred during
    the time that we are discussing here for this
 3
    GRC since our last GRC. We believe it is
 4
 5
    appropriate to request recovery for that
 6
    expense, yes.
 7
              And you think that's equitable on
 8
    present and future ratepayers; is that
 9
    correct?
              We think it is fair.
10
          Δ
11
          Q
              The tank was originally put in by
12
    Edison in 1967; wasn't it not?
              I do not recall the date that it
13
14
    was installed.
15
              Do you recall whether it was
16
    installed by Edison?
17
          MR. SUNG: Objection, your Honor. This
18
    goes beyond the scope of Ms. Barcinas's
    testimony. Mr. Hite, who is going to be
19
    appearing on Monday, can speak to the
2.0
21
    specifics of the MGT and any other questions
    that Mr. Bishton would have relating to the
22
23
    details on that.
24
          ALJ TOY: Mr. Bishton.
25
          MR. BISHTON: I'll wait and question
    Mr. Hite.
26
27
          ALJ TOY: Thank you.
    BY MR. BISHTON:
2.8
```

Ms. Barcinas, are you familiar with 1 Public Utilities Code Section 451 that 2. provides that all charges shall be just and 3 reasonable, and every unjust, unreasonable charge is unlawful. Are you familiar with 5 6 that? 7 Α Yes. Are you familiar with the basic 8 9 principle of all of the applicable public utility laws that the provision of water is 10 11 to ensure that the public gets an adequate service at a reasonable rate without 12 discrimination? 13 14 Α I am aware of that. Yes. 15 Turn your attention to SCE-10, page 0 16 22 --17 Α Okay. 18 -- where it says: 0 19 Without a cross-subsidy to alleviate the high cost of the 2.0 water services, Catalina residents 21 22 would be unable to afford water. 23 SCE recognizes that recovering the 2.4 cost of water service for solely 25 the Catalina customers is untenable; and, therefore, could 26 27 deprive Catalina residents their 2.8 fundamental right to safe, clean,

1	and affordable water.
2	Are you aware of that?
3	A Yes.
4	Q And further on it provides:
5	A small number of Catalina
6	customers many of whom are
7	low-income workers in service jobs
8	supporting the tourism economy
9	simply cannot pay the cost it
10	takes to serve them.
11	ALJ TOY: Mr. Bishton, what page is
12	that?
13	MR. BISHTON: 22 to 23 is the second
14	quote.
15	ALJ TOY: The bottom of 22.
16	THE WITNESS: Perfect. I see it now.
17	BY MR. BISHTON:
18	Q You are aware of that testimony; do
19	you sponsor that testimony?
20	A Yes.
21	Q If there's no cross-subsidy, as is
22	being sought here, is it Edison's position
23	that Catalina ratepayers should pay the
24	amounts that are now sought as a subsidy?
25	A That is not our proposal. Our
26	proposal is to recover the routine operation
27	and maintenance and costs associated with the
28	water utility for Catalina customers, and to

have a cross-subsidization of the 1 2 extraordinary cost to its electric customers; 3 so it's not our proposal. You provide a supplemental 4 testimony of what it would be like if all 5 that had to be what the costs would be to 6 7 Catalina ratepayers if you don't get the cross-subsidy; did you not? 8 9 We are aware of the impact if we do 10 not get the cross-subsidy; hence, the 11 testimony here that states that an alternative solution is needed such as the 12 cross-subsidy, which we believe is the most 13 reasonable and achievable solution that 14 provides for affordability to the Catalina 15 16 customers. 17 I'm going to refer you to Catalina 18 Parties Exhibit No. 19, which comes from a chart prepared by Dr. Brady in connection 19 20 with his direct testimony. What would be the effect of the 21 various proposals that Southern California 22 2.3 Edison has proposed, and its Plan B, which is the plan if --24 25 Mr. Bishton, would you pull ALJ TOY: up the exhibit, and explain what it is. 26 27 MR. BISHTON: I'm sharing it right now? 2.8 Can you see it.

```
ALJ TOY: Not yet. Off the record.
 1
 2.
              (Off the record.)
          ALJ TOY: Back on the record.
 3
              Please continue.
 4
    BY MR. BISHTON:
 5
 6
              This exhibit was prepared by
 7
    Dr. Brady and contained in his direct
    testimony comparing current rates for a
 8
 9
    residential customer using 2,000 gallons a
10
    month, 65 gallons a day. Current charges,
    Plan A is if a subsidy goes into place; Plan
11
12
    B is based upon Edison's testimony as to what
    would happen if the subsidy did not go into
13
    place. And it shows that currently a
14
    customer -- 2,000 gallons a month is 65
15
16
    gallons a day, which is a very nominal use of
17
    water.
18
              Currently, the average monthly
    would be $75.84 for summer and winter rates.
19
2.0
    Under the plan that includes a full subsidy,
21
    the bill would go to 110.30 in the first
22
    year. It would go up to $208.60 a month in
23
    year five.
              Without the subsidy, it shows that
24
25
    the bill in year one would go up to 119.79 in
26
    the first year. 456.25 per month in year
27
    five; 602 percent increase from where it is
2.8
   now.
```

And I'm asking the witness whether 1 2 \$456.25 a month -- first, do you believe that is something that people living on Catalina 3 Island, ratepayers, can afford? 4 I just wanted to say that SCE did 5 not prepare these numbers, and it cannot 6 7 confirm the accuracy of them. To your question of whether or not 8 9 customers can afford \$456 per month, 10 unfortunately, I cannot speculate as to that, 11 but as I go back to SCE's proposal, we are concerned about the overall affordability to 12 the Catalina customers, and, hence, our 13 proposal is not to implement Plan B as it is 14 stated here and as you stated in your 15 16 question. 17 Our proposal is to subsidize for a 18 cross-subsidization for a significant portion 19 of the costs. Assuming that the 2.0 cross-subsidization is not approved, what 21 alternative does Edison propose to deal with 22 2.3 the cost of providing service on the island other than to collect it from ratepayers? 24 25 Edison included a number of alternatives that could be pursued in the 26 27 event that our cross-subsidization proposal is not approved. 2.8

1	Some of them cannot be achieved in
2	this proceeding. Some of them have
3	challenges and require other actions, for
4	example, by the City of Avalon or
5	legislatively, but there are other
6	alternatives if the subsidization is not
7	approved.
8	And it is our proposal because it
9	is the only one that we see that achieves a
LO	fair balance between cost-of-service
11	ratemaking and affordability for the Catalina
12	Customers. I cannot speculate as to what
L3	would happen if our proposal is not approved.
L4	Q The obligation of Edison, as a
15	public utility, is it this started in
16	1962 correct it became a water utility
L7	supervised and regulated by the CPUC in 1962?
18	A That is correct.
19	Q 70 years have passed that Edison
20	has had an opportunity to do whatever is
21	necessary to provide adequate service at
22	reasonable rates; is that correct?
23	A We are coming up on 68th year
24	anniversary.
25	Q I'm asking about 60 years.
26	A Over the 60 years we believe Edison
27	has been prudent in its management and
2 8	obligation to provide gafe and reliable

service to the island. 1 2. Are you aware of any regulation or statute or anything that provides that a 3 public utility is quaranteed to make a 4 profit? 5 6 The regulatory compact says that --7 states that the utilities should have an opportunity to recover prudent and reasonable 8 9 costs as well as reasonable rate of return. 10 0 It should be, but is there any 11 quarantee that this must occur? 12 I just stated it says that the 13 utilities should be allowed the opportunity to recover any prudent and reasonable costs. 14 15 But what if they are unable to 16 recover those without having bills that are 17 not just and reasonable? What is the 18 alternative? SCE has proposed a number of 19 20 alternatives as to how to approach cost 21 recovery for Catalina Water Utility. 22 And, again, our proposal for that 23 ends up being the one that can be achieved 24 within this proceeding and does provide that 25 fair balance. SCE's principal responsibility is 26 27 to provide adequate water at reasonable cost 28 to ratepayers of the island; is that correct?

2.8

Q

We have an obligation to provide 1 2 Unfortunately, the cost of water service. water operation and maintenance on Catalina 3 is very high for the reasons I mentioned 4 before in this hearing, but I'll restate some 5 of them. Again, the arid, desert-like nature 6 7 of the island itself, water is a scarce commodity, unfortunately, on the island. 8 9 The challenging terrain and how our water system is spread across that terrain to 10 11 serve a very small number of customers, the fact that that infrastructure has to be built 12 to accommodate a significantly larger number 13 of people or to accommodate the tourism 14 15 compared to the customers on there also adds 16 an additional complexity and cost challenge. 17 Operating and maintaining in a 18 manner that has to accommodate the high 19 fluctuations from the off peak and low peak 2.0 with tourism usage also adds to that cost challenge. Being on an island, any 21 materials, chemicals, labor that we may need 22 to contract off island does also come at a 2.3 significant expense. 24 25 So those are numbers, but not an exhaustive list of reasons why it is very 26 27 costly to maintain the utility on the island.

Have any of the conditions changed

since 1962 when you became a public utility, 1 2. water utility, to the present that has increased the cost of providing water? Any 3 conditions? I cannot speculate as to what the 5 6 conditions were in 1962 compared to today. 7 do know and understand that since our last year's SEC filing, costs have significantly 8 9 increased related to operation and 10 maintenance of the utility. 11 I'm not talking about cost. talking about conditions. The conditions? 12 Anything changed? 13 Terrain? 14 The conditions as it relates to costs have increased. 15 16 You would agree that from 1962 to the present costs have increased everywhere. 17 18 I mean, that is a normal thing that occurs over time that costs increase. I'm focusing 19 20 on any condition that has changed. 21 ALJ TOY: Can you clarify what you mean by "condition," Mr. Bishton. 22 BY MR. BISHTON: 2.3 The terrain, the -- even the 24 0 population, has there been a big change? 25 26 I cannot speak to the amount of 27 available water, for example, in 1962 as 28 compared to today.

2.0

2.3

2.8

As I mentioned, as it is today, the water is scarce. I cannot speculate as to other conditions that might have been present from 1962 compared to today. What I can say is when you do look at the age and condition of our infrastructure from 1962 to today, the infrastructure age requires costs.

We talked about PCB in our million gallon tank. That is material that was used very early on that was approved and has since then been considered a hazardous material, and so, perhaps, that could be a condition that has changed that increased cost. So those are the only conditions that have changed since then.

Q Is that timely maintenance of the equipment, the pipelines and other equipment involved in water distribution a normal responsibility of the water utility, kind of, over time?

A Yes.

Q Is some of the piping that's been identified, for instance, the problem with the million gallon tank goes back to 1967; correct. It was put in. It was coated with material. Then it was safe, and then it was declared unsafe a few years later.

MR. SUNG: Objection; mischaracterizes

```
Ms. Barcinas's testimony.
 1
 2.
          ALJ TOY: Mr. Bishton, do you have a
 3
    response?
          MR. BISHTON: I didn't hear what Mr.
 4
 5
          MR. SUNG: Mischaracterizes
 6
 7
    Ms. Barcinas's testimony.
          MR. BISHTON: Let me -- I'll withdraw
 8
 9
    the question.
10
              According to -- I'm sorry.
                                           The
11
    exhibit I'm starting with has been marked as
    CP Exhibit-18. It's a chart taken from --
12
    information taken from annual reports going
13
    back to 2003 as to the number of connections.
14
    And -- start -- eliminates fire protection to
15
16
    the extent that fire protection was
    identified as included in the connections in
17
18
    the annual reports.
              And it shows that in 2003 there
19
    were 911 (sic) collections -- connections.
2.0
21
    Now there's only 18 -- 1,887 collections --
    connections. Twenty-four less currently than
22
2.3
    there was in 2003.
24
              Do you see that? Aware of that?
25
              I see that based on your table,
26
    that that is what you're stating, yes.
27
              There has been no growth in
    connections over that whole period of time;
2.8
```

is that correct? Is that normal for a water 1 2. utility to have no growth whatsoever over a 3 period of 17 years? MR. SUNG: There are two questions 4 5 there, your Honor. ALJ TOY: Mr. Bishton, could you please 6 7 break up your question? BY MR. BISHTON: 8 9 Ms. Barcinas, water -- availability 10 of water does not affect the -- whatever goes 11 on on Catalina Island in terms of the people 12 that live there, the growth of the population, the growth of the business? 13 It's all dependent upon water, is it not? 14 Can you restate your question? 15 16 sorry. Edison has an obligation to provide 17 0 18 an adequate water service at reasonable 19 rates. We established that. You agreed to 2.0 that earlier. Part of that is to provide 21 service to the people who want and desire service. There's been no growth since 2003 22 in connections. 2.3 Doesn't that signal that there's 24 25 been no growth whatsoever on the island 26 because there was no water available -- made 27 available to the people on the island to 28 grow?

```
I cannot confirm that there has
 1
 2
    been no additional water services since 2003.
    I don't believe that's an accurate statement.
 3
              As it relates to between 2013 and
 4
    now, I can speak to why we've not been able
 5
    to provide water allocations. And we do have
 6
 7
    an obligation to serve where there -- we do
    have a sufficient water supply. And we
 8
    believe that we have been prudent in doing
10
    so.
11
          0
              There was a bracket I was going to
12
    go into detail with you, but I have to call
    up another exhibit here. Just a second.
13
14
          ALJ TOY: Which exhibit, Mr. Bishton?
          MR. BISHTON: I'm going to identify it.
15
16
    Just a second here.
17
          MR. SUNG: Your Honor, maybe we can
18
    propose a break. We've been going for an
19
    hour now.
          MR. BISHTON: Yes. I'd appreciate
2.0
21
    that, your Honor. I'll identify the exhibit.
          ALJ TOY: Okay. We'll take a break for
22
    10 minutes until 2:20.
2.3
24
              (Off the record.)
25
          ALJ TOY: We're back on the record.
              Please continue with your cross,
26
27
    Mr. Bishton.
   BY MR. BISHTON:
2.8
```

```
Ms. Barcinas, you were questioned
 1
 2
    by Ms. Fisher concerning the policies of
    Edison in turning down or (indecipherable)
 3
    approval of allocations for water. Exhibit
 4
    CP-13 is a list of pending allocations that
 5
    was provided to me, Mr. Sung, Edison's
 6
 7
    attorney, on February 8th of this year.
              You're aware, are you not, that
 8
 9
    Rule 3 requires Edison to maintain, on like
    an ongoing basis, a list of allocations that
10
11
    have been requested but not approved because
    of the lack of water?
12
              That is correct. We are obligated
13
14
    to maintain a wait-list, yes.
15
              And this list starts out with one
16
    request on 1-27-2003. Do you see that? The
17
    very first one?
18
          A
              I do see that.
              And the very second one is 2013 for
19
2.0
    8.62 acre feet a year; correct?
21
          Α
              Correct.
              Now, Rule 13 -- Rule 3 as it's been
22
23
    provided by you says that you're going to
    provide water in order of receipt of
24
25
    applications; correct?
26
              I believe that was what it states,
27
    yes.
2.8
              So you have 16, 17 acre feet of --
          Q
```

year of water going back to 2003 that's ahead 1 2. of everybody; correct? So they're the first and second on 3 the wait-list here, yes. 4 Now, I personally know that 5 something is missing from this list because 6 7 I'm president of Hamilton Cove. What is missing is that development of 88 units, a 8 9 single-family residence where it's approved 10 as a project. And only six have been built. 11 And the company believes that they have an allocation of water for another 82 12 single-family residences. That's not even on 13 14 this list? 15 MR. SUNG: Objection. 16 BY MR. BISHTON: 17 Are you aware of that? 18 MR. SUNG: Objection, your Honor. This is not a direct testimony from Mr. Bishton 19 2.0 but rather a cross for Ms. Barcinas. 21 ALJ TOY: Do you have a response, Mr. Bishton? 22 MR. BISHTON: It is not a direct 2.3 testimony. Yes, your Honor. I would have to 24 25 agree. I'll take -- go on another question. Ms. Barcinas, isn't it -- those are 26 27 -- those allocations have to be filled before any others under the way you operate and 28

apply your reasons for not approving 1 allocations, they have to be served first? 3 Α I'm sorry. Can you restate your question. 4 You first have to deal with -- it 5 is Edison's intention to deal with these 6 7 requests in the order that they are listed and were received by Edison; is that correct? 9 A That is correct. And, however, part of the process that, you know, also get 10 11 a better understanding of the timing of their 12 There will be seeking updates from projects. 13 them, each of the parties here as well as, you know, certain time periods in which they 14 can pull the allocation. I believe it's 15 16 18 months. 17 And so for example if the No. 1 18 party here on the waitlist has not exercised their option within that 18 months, we will 19 2.0 look to provide it to the subsequent person 21 on the list. 22 Well, it was asked -- originally put on here in 2003. 18 months passed hasn't 23 24 it? 25 This is a list of requests that 26 have not been approved. 27 Ms. Barcinas, if someone on 2.8 Catalina Island is thinking of doing some

construction or adding a bedroom, they would 1 2 obtain this list that is made available to the public, and they would see all of these 3 requests ahead of them; is that correct? 4 Any requests will need to go 5 6 through the formal process that we have to 7 submit it in writing. And we have a form that asks for all the applicable information. 8 9 And this is a particular document that 10 they -- I'm not sure how we make this public, 11 the entire list and all of the detail that we have here, the locations, the requested 12 amount, et cetera. I'm not sure how we make 13 14 that public. 15 But we do provide a response back 16 to the requester as to, you know, where they may be on the list. 17 18 Ms. Fisher identified a place in Rule 3 where it says you can deny requests 19 for any reason. Is one of the reasons to 2.0 21 deny a request is that they are at the bottom of the list? They have to go to the bottom 22 of the list and all these other requests 2.3 above them have to be handled before they'll 24 25 be handled? Is that a reason that Edison 26 would use to not provide immediately water to 27 someone? A reason could be in that situation 2.8

```
that based on the current water supply,
 1
    whether we have enough to approve any
    allocations and where they are on the wait
 3
    list, yes.
 4
              So if there are others that are
 5
 6
    ahead of them and the waitlist says they'll
 7
   be approved first, depending on the amount of
    water supply, will determine whether or not
 8
    theirs could be approved as well.
10
              Some -- I'm going to call your
          0
11
    attention to one of the requests that was
12
    made in 2020 and -- (indecipherable.)
13
          ALJ TOY: Sorry. You're breaking up a
14
    little bit.
15
          MR. BISHTON: Just a second.
16
          ALJ TOY: Off the record.
17
              (Off the record.)
18
          ALJ TOY: Back on the record.
              Mr. Bishton, please continue with
19
20
    your cross of Ms. Barcinas.
    BY MR. BISHTON:
21
              Ms. Barcinas, I was questioning you
22
2.3
    about reasons for denying applications for
24
    water. As I have provided by -- in Rule 3,
    which says that Edison has discretion to deny
25
26
    applications and also says, as Ms. Fisher
27
    brought out, you can deny them for any
2.8
    reason.
```

For example I wonder if you could 1 2. assist me here and look at Exhibit CP-13, second page. For example someone requested a 3 hose bib. To put in hose a hose bib that 4 would take in .0009 in additional water. For 5 what reason was that denied? 6 7 This looks like this request came in in 2020. So my understanding of anything 8 9 beyond the drought rationing period was a result of Edison not having a water supply 10 11 sufficient to approve any of the water allocations that were here. 12 In 2020 you did not have -- you 13 could not approve something that 0009 --14 "point" 0009 additional water? 15 16 Our process, to be fair and 17 consistent, looks at the waitlist on a 18 first-come first-serve basis. 19 Okay. Where can you identify any 2.0 regulation, rule of the PUC, or any statute that requires you to take requests in any 21 particular order? 22 I'm not sure if that is in a CPUC 2.3 standard or requirement. But it is Edison's 24 25 practice to look at these allocations on a first-come first-serve basis. 26 27 So until all these in front of this 2.8 gentleman who wishes to have a hose bib

including the one that dates back to 2003, he 1 2. will not be approved for a hose bib? We approve these on a first-come 3 Α first-serve basis depending on the amount of 4 water supply we have in order to provide the 5 water allocations. It's our best way to make 6 sure that we have a fair and consistent 7 process. 9 And it's your testimony that in October 15th, 2020, you did not have adequate 10 11 water to supply .0009 acre feet of water so someone could add a hose bib to their house? 12 That's a misrepresentation, I 13 14 believe, of what I just said. And since the 15 drought, we've not had water supply to 16 provide to the water list here. And given the place of that particular request on the 17 18 list and there's above him would take priority in getting the approval for water 19 2.0 allocations. 21 Now, 123-W was approved effective February 28th, 2021; correct? 22 23 A Correct. And it's greatly increased the 24 capacity -- there's a safe annual yield -- or 25 FWY, "Fresh Water Yield," as effective that 26 27 date? It does include the additional 2.8 A

desalination into our calculations, yes. 1 2. that time we are confirming our methodology and in order to understand how many of these 3 that we can provide allocations to. But 4 based on our analysis to date, we will be 5 able to approve some of these. At this time, 6 7 I'm not able to say how many. This hose bib request won't get 8 9 approved except in the order in which it was requested under the way Edison operates? 10 11 I cannot say if the water supply will allow us to approve all of the waitlist 12 above them including that one. 13 14 But unless it's approved --15 everything above is approved, the hose bib 16 request is going to be rejected? Unless there is sufficient water 17 A 18 supply to include them in the approval. 19 Do you agree that the failure to 20 approve requests for water -- scratch that. 21 All of these requests for water on this exhibit are for water within confines of 22 2.3 the City of Avalon; correct? 24 I cannot confirm that. These may 25 be requests from other parts of the island and outside of Avalon. I cannot confirm 26 27 whether these are -- the exact location of all of these. 2.8

I've looked through the address. 1 2 All of the addresses are within the 2.6 square miles that make up Avalon. 3 There's nothing for the Isthmus. They're all 4 in the city limits of Avalon. Are you aware 5 of any requests for -- add service to the 6 7 Isthmus for example? It's my understanding that this 8 Α 9 waitlist compiles all the request that we've received to date that are still outstanding. 10 11 Would you agree that if the length of this waitlist, the time that it reflects, 12 and amount of things that we're adding a 13 bedroom or building some apartment complexes 14 15 have had a negative impact on the financial 16 condition of the City of Avalon and its residents? 17 18 I can't speculate to the impact of 19 not being able to approve these water 2.0 allocations. Doesn't this list reflect that 21 there's been no growth in residential units 22 23 or improvement of existing residential units 24 since 2003? 25 I cannot say that there has been no 26 growth since 2003. 27 Edison had -- you had a request that's dated 2003. If you're applying 2.8

```
first-come first-serve approach, which you
 1
    state in Rule 3, unless you accept that
 2
    request you can't fill any other requests?
 3
              We have not been able to approve
 4
    any of these water allocations requests.
 5
 6
              And you haven't been able to --
 7
    even so -- if you can't approve these, how
    could you approve others that properly apply
 8
 9
    to your Rule 3 as to first-come first-serve?
10
          A
              We -- since 2013, this represents
11
    all of the requests that we've received.
12
    we have not been able to approve. As I said
    earlier in the evidentiary hearing, there is
13
    one exception with that being the Catalina
14
    Museum that we initially denied. But, again,
15
16
    as mentioned based on CPUC direction, we
    ended up approving that. So that would be
17
18
    the only outlier of a request that we
    approved bearing the timeline 2013 and today
19
2.0
    that is not on this list.
          MR. BISHTON: I have no further
21
22
    questions.
2.3
          ALJ TOY:
                    Thank you.
24
              Mr. Sung, do you have any redirect?
25
          MR. SUNG:
                     Yes, your Honor.
26
          ALJ TOY:
                    Please continue.
27
                 REDIRECT EXAMINATION
    BY MR. SUNG:
2.8
```

1	Q Ms. Barcinas, I'd like to direct
2	your attention to Catalina Parties Exhibit-13
3	that Mr. Bishton has shared with us that we
4	can reference.
5	First, this list accounts for
6	requests that were initially denied; correct?
7	A Yes.
8	Q And that would mean this list would
9	not include any requests that were ultimately
10	approved; is that correct?
11	A That is correct. These are only
12	the requests that we received that we were
13	not able to approve and did deny.
14	Q And it's your understanding that
15	water allocation requests have been approved
16	from 2003 to 2013?
17	A That's correct.
18	Q And Catalina Island experienced
19	drought from 2012 to 2019; correct?
20	A That is correct.
21	Q And this was one of the most severe
22	droughts experienced in recent history; is
23	that correct?
24	A We often refer to it as historical
25	and definitely significant, yes.
26	Q So during that period from 2012 to
27	2019, it really wouldn't be possible for SCE
28	to allocate or grant allocations of fresh

1	water, wouldn't that be correct?
2	A That is correct based on
3	implementation of the Water Rationing Plan.
4	Q And Mr. Bishton made multiple
5	references to the hose bib requesting
6	.0009 acre feet; is that correct?
7	A That is correct.
8	Q And would it be fair for someone
9	with a brand new project to jump ahead of the
10	line of someone's whose been patiently
11	waiting since, say, February 2013?
12	A That would not be fair, which is
13	why we have our first-come first-serve
14	practice in order to make sure that there is
15	fairness in how we provide these allocations.
16	MR. SUNG: Thank you. No further
17	questions.
18	ALJ TOY: Mr. Bishton, do have any
19	re-cross?
20	RECROSS-EXAMINATION
21	BY MR. BISHTON:
22	Q Yes. You said that the drought
23	started in 2003 in response to Mr. Sung's
24	question. But the drought the most recent
25	drought started in 2013; is that correct?
26	A I did not state the drought started
27	in 2003.
28	Q When did the most recent drought

1 start? The most recent drought started in 2013. 3 And the drought ended in February 4 0 of 2019? 5 That is correct. 6 Α 7 Isn't it true that Edison reached 600 gallons -- well, strike that. 8 9 The various stages that have provided for under Schedule FWB 14.1 are 10 11 based upon the capacity in the Thompson 12 Reservoir; correct? How much water is at the 13 Thompson Reservoir determines whether you can qo to Stage 1, Stage 2, Stage 3; isn't that 14 15 correct? 16 Based on our current supply is Α determined and whether it's Stage 1, Stage 2, 17 18 Stage 3. Is it supply or is it the level of 19 2.0 water in the Thompson Reservoir? It is the level within our 21 reservoir. 22 And that is the reservoir in which 2.3 24 Edison draws no water whatsoever provided to 25 the customers; correct? 26 I cannot confirm that. Coming from 27 the Thompson Reservoir. I cannot confirm we 2.8 do not draw any water from that.

You don't know whether you pump 1 2 water out of the reservoir and supply it to 3 customers? Α That would be a question that our 4 operations witness (indecipherable) could 5 better answer. 6 7 Okav. The FW -- pardon me, 14.1 allows you to go in any stage -- provides you 8 9 can go into stage reductions of service, mandatory reductions of service provided you 10 11 get permission from the PUC to do so; You have to apply for permission?] 12 correct? 13 Α Can you restate that? 14 In order to go into a stage of 15 mandatory rationing, you have to apply for 16 permission to the PUC; correct? I'm not aware of whether or not we 17 Α 18 have to apply for permission or -- and if, once the threshold is exceeded, then we start 19 implementing Stage 1. But I'm not familiar 20 21 with the approval process to -- that may or may not be required to implement that, or if 22 it's a notification instead of an approval 2.3 24 request. 25 Your Honor, I'll take up MR. BISHTON: 26 this line of questioning with Mr. Hite. Because, apparently, this witness is not 27 aware of the various provisions that govern 2.8

```
mandatory rationing on the island.
 1
 2.
              I have no further questions.
          ALJ TOY: Thank you.
 3
              Mr. Sung, did you have any redirect?
 4
 5
          MR. SUNG:
                    No, your Honor.
              But I would move to strike that
 6
    characterization from Mr. Bishton's
 7
    testimony. That was really grounds of --
 8
 9
    it's on the line of argumentative, your
10
    Honor.
11
          ALJ TOY: I'm going to grant that
12
    objection. Strike that.
                     Thank you, Mr. Bishton.
13
              Okay.
14
                      EXAMINATION
15
    BY ALJ TOY:
16
              I just had a couple questions for
17
    you, Ms. Barcinas.
18
              In your testimony, you discussed a
    number of alternative recovery methods of
19
2.0
    revenue, two of them including grants, sort
21
    of, financed loans.
              Are you aware, sort of, what -- how
22
    SCE, sort of, takes those or utilizes those
23
    tools on a day-to-day basis in its operations
24
25
    or --
26
          Α
              So as it --
27
              -- how it plans for those when it
2.8
    takes on capital infrastructure projects,
```

18

19

20

21

22

23

24

25

26

27

28

1 | things like that?

2. So as it relates to grants, we have applied for, and in this GRC, you'll note, 3 received two approvals for grants for water 4 utility projects. And we also recently 5 6 applied for another one early -- or I'm 7 sorry -- it was late last year. And so it's a -- a program that we have recently stood up 8 9 to mature in how we pursue and apply for 10 those opportunities. And so we do see that 11 while they are not quaranteed -- grants are not guaranteed, there's a long process, there 12 -- it's a very competitive field. Lots of 13 parties are, you know, applying for the same 14 15 dollars. We are seeking more opportunities 16 to continue to do that. 17

Q Okay. Do you have any, sort of, historical information about how SCE, Catalina Water, has approached searching for grants for capital infrastructure?

A Prior to these few grants that are mention in the GRC, we did not have a lot of familiarity or expertise in applying for grants.

Q Okay. Thank you.

And last question: The, sort of, electric rate customer subsidization proposal proposes to transfer about \$29 million worth

1	of cost to SCE's electric ratepayers?				
2	A I believe we've updated that to				
3	approximately 32 million, your Honor.				
4	Q Right. Sorry. Thank you.				
5	So 32 million and it proposes to				
6	be tracked in a separate account. Was there				
7	any consideration given to taking that now				
8	\$32-million total and amortizing that over a				
9	longer timeframe, say 20 years, and having				
10	the Catalina ratepayers pay for it? Or what				
11	considerations were given regarding that?				
12	A Well, we believe even though				
13	amortizing over a longer period of time would				
14	still result in significantly higher costs,				
15	and we would still have affordability				
16	concerns for the Catalina customers.				
17	Q Okay. Okay. Thank you.				
18	A Thank you, your Honor.				
19	ALJ TOY: Thank you for your				
20	participation today. You are dismissed.				
21	Thank you for coming.				
22	THE WITNESS: Thank you.				
23	ALJ TOY: Off the record for a second.				
24	(Off the record.)				
25	ALJ TOY: We will go back on the				
26	record. We will close evidentiary hearings				
27	for today and continue tomorrow at 9:00 a.m.				
28					

issues they would like to bring up, 1 2 currently? MR. BISHTON: Quick question, we'll use 3 the same invitation to the web meeting for 4 panelists that we used for today? 5 ALJ TOY: You should have received a 6 7 new panelist invitation for tomorrow. So it should be on your calendar for tomorrow. 8 not --9 10 MR. BISHTON: I have -- I'm looking at -- I have not received it. My office may 11 12 have received it, but I have not -- they have not forwarded it to me. 13 ALJ TOY: Okay. I'll double check with 14 our IT staff on that. If not, Mr. Bishton, 15 16 you can always use the public link. And 17 we'll upgrade you to panelists once you get 18 in here. Thank you, your Honor. 19 MR. BISHTON: 2.0 MR. SUNG: And, your Honor, we have the same issue as well. I don't think I've 21 22 received the panelist invitation for 23 tomorrow. And one of our witnesses, Cooper 24 Cameron, he has reported that the hasn't 25 either. But we would be happy to sign on the 26 public and be upgraded, like you mentioned, 27 if not. ALJ TOY: Okay. I will double check on 2.8

1	that.
2	MR. FINKELSTEIN: And, your Honor, Bob
3	Finkelstein for TURN. My plan at this point
4	is to potentially not be in attendance on
5	days where I don't have cross-examination for
6	the witnesses that are scheduled to appear.
7	I don't anticipate that being a problem. But
8	I wanted to at least flag it before it
9	actually happened in case you've got a strong
10	preference that you see my smiling face no
11	matter what.
12	ALJ TOY: Okay. That's no problem.
13	(Crosstalk.)
14	ALJ TOY: Just let us know so that we
15	know not to expect you.
16	Okay. Hearing nothing else, I will
17	close hearings for today. And I will see you
18	all tomorrow at 9:00 a.m.
19	Off the record.
20	(Whereupon, at the hour of 2:58 p.m., this matter having been continued
21	to 9:00 a.m., February 25, 2022, via Webex, the Commission then adjourned.)
22	webex, the commission then adjourned.)
23	* * * * *]
24	
25	
26	
27	
28	
∠8	

1	BEFORE THE PUBLIC UTILITIES COMMISSION
2	OF THE
3	STATE OF CALIFORNIA
4	
5	
6	CERTIFICATION OF TRANSCRIPT OF PROCEEDING
7	I, JASON STACEY, CERTIFIED SHORTHAND REPORTER
8	NO. 14092, IN AND FOR THE STATE OF CALIFORNIA DO
9	HEREBY CERTIFY THAT THE PAGES OF THIS TRANSCRIPT
10	PREPARED BY ME COMPRISE A FULL, TRUE, AND CORRECT
11	TRANSCRIPT OF THE TESTIMONY AND PROCEEDINGS HELD IN
12	THIS MATTER ON FEBRUARY 24, 2022.
13	I FURTHER CERTIFY THAT I HAVE NO INTEREST IN THE
14	EVENTS OF THE MATTER OR THE OUTCOME OF THE PROCEEDING.
15	EXECUTED THIS MARCH 02, 2022.
16	
17	
18	
19	
20	
21	JASON A. STACEY CSR NO. 14092
22	
23	
24	
25	
26	
27	
28	

1	BEFORE THE PUBLIC UTILITIES COMMISSION
2	OF THE
3	STATE OF CALIFORNIA
4	
5	
6	CERTIFICATION OF TRANSCRIPT OF PROCEEDING
7	I, KARLY POWERS, CERTIFIED SHORTHAND REPORTER
8	NO. 13991, IN AND FOR THE STATE OF CALIFORNIA DO
9	HEREBY CERTIFY THAT THE PAGES OF THIS TRANSCRIPT
10	PREPARED BY ME COMPRISE A FULL, TRUE, AND CORRECT
11	TRANSCRIPT OF THE TESTIMONY AND PROCEEDINGS HELD IN
12	THIS MATTER ON FEBRUARY 24, 2022.
13	I FURTHER CERTIFY THAT I HAVE NO INTEREST IN THE
14	EVENTS OF THE MATTER OR THE OUTCOME OF THE PROCEEDING.
15	EXECUTED THIS MARCH 02, 2022.
16	
17	
18	
19	$\mathcal{A}\mathcal{M}$
20	Athiri
21	KARLY POWERS CSR NO.#13991
22	33.112952
23	
24	
25	
26	
27	
28	

1	BEFORE THE PUBLIC UTILITIES COMMISSION
2	OF THE
3	STATE OF CALIFORNIA
4	
5	
6	CERTIFICATION OF TRANSCRIPT OF PROCEEDING
7	I, SHANNON ROSS, CERTIFIED SHORTHAND REPORTER
8	NO. 8916, IN AND FOR THE STATE OF CALIFORNIA, DO
9	HEREBY CERTIFY THAT THE PAGES OF THIS TRANSCRIPT
10	PREPARED BY ME COMPRISE A FULL, TRUE, AND CORRECT
11	TRANSCRIPT OF THE TESTIMONY AND PROCEEDINGS HELD IN
12	THIS MATTER ON FEBRUARY 24, 2022.
13	I FURTHER CERTIFY THAT I HAVE NO INTEREST IN THE
14	EVENTS OF THE MATTER OR THE OUTCOME OF THE PROCEEDING.
15	EXECUTED THIS MARCH 02, 2022.
16	
17	
18	
19	
20	Sh-V2
21	SHAMNON ROSS CSR NO. 8916
22	
23	
24	
25	
26	
27	
28	

	10-11-009 158:9	197 200:25	2021 227:16 228:4,5
\$	10-C 148:12	1977 238:23 239:5,13,	233:1 269:22
\$1 208:14	10-minute 180:17	23,26 242:8	2022 154:24 159:1 240:24
\$1,677,000 232:20	100 185:14	1986 240:5	203 203:13
\$1.27 209:26	10:40 180:18	1:10 225:10,13 226:1	205 201:8,11 203:24
\$129,000 232:21	11 184:7 213:13	2	204:19 205:6
\$208.60 253:22	110.30 253:21		21 200:11 211:28
\$22.15 209:21	119.79 253:25	2 143:6,9,16 145:8,12 167:3 168:7,10,21	22 208:18 250:16
\$29 278:28	123 169:27 196:4	203:18 232:20 233:20	251:13,15 23 208:25 227:21
\$292,575 233:4	242:27 243:11,23 244:8 123-A 243:12,24	275:14,17	25 206.25 227.21 251:13
\$3 233:2	123-B 243:12,24 123-B 243:26 244:1,3,	2,000 253:9,15	238 201:9
\$30.9 209:20	15 243.20 244.1,3,	2-1 187:28	23rd 215:15
\$32-million 279:8	123-W 269:21	2-24-2022 160:27	24 208:2,4 215:27 218:2
\$456 254:9	123W 195:26	2-28-2021 159:14	24th 154:24
\$456.25 254:2	12:04 225:8	2.6 271:3	25 200:14 215:28 216:6
\$70 247:7	12:05 225:13	20 184:13 198:2,6 209:26 238:27 279:9	218:4
\$75.84 253:19	13 203:26 232:1,3,6,19,	2003 160:3 184:14	26 166:21 177:25 178:2 218:4
\$9.1 203:28	21 233:4,8,17 243:6,8 263:22	260:14,19,23 261:22 262:2 264:1 265:23	28th 269:22
0	14 165:24 166:1,22 178:4	269:1 271:24,26,28 273:16 274:23,27	2:20 262:23
0009 268:5,14,15	14.1 159:20 275:10	2008 197:26	3
269:11 274:6	276:7	2011 198:1	3 440.5 C 44 40 444.C
02 142:3	147 244:10	2012 273:19,26	3 143:5,6,11,18 144:6, 25 149:28 159:13 164:5
06 146:14	15th 269:10	2013 238:18 262:4 263:19 272:10,19	167:1,24 168:13 171:12 172:11 175:26 202:2
1	16 175:1,5,26 187:27 209:7 263:28	273:16 274:11,25 275:3	263:9,22 266:19 267:24
1 143:6,8 155:15 163:21	164 200:22,27	2014 166:12,20,26 213:2	272:2,9 275:14,18 3-2 209:15
164:3,5 168:19 176:6 186:12 201:16,25 216:7	17 166:2 178:4 209:14 212:26 261:3 263:28	2015 168:25	3-B 171:23
234:10,12 265:17	170 203:12	2016 216:16	3.5 209:28
275:14,17 276:20	18 188:19 189:2 210:4,	2017 190:8 216:16	32 279:3,5
1,887 260:21	24 260:21 265:16,19,23	2018 214:19 215:11,12,	362 214:10
1-1 214:14,22	183 204:6	15,21 221:26,27 222:15 224:19,21	363 215:7 222:23
1-2 215:8,20 222:23	19 175:7 210:23 211:27	2019 166:27 169:14,18,	
1-27-2003 263:16	227:16 252:18	20 170:7,14,17 171:4	4
1-6 209:7	1962 255:16,17 258:1,6, 16,27 259:4,6	232:18 238:18 241:16 273:19,27 275:5	4 143:6,20 163:21 164:4
1.2 150:14 177:6,12 10 164:5 183:1,2 188:11 231:6 246:6 262:23	1967 249:12 259:24	2020 158:1 160:3 233:2 267:12 268:8,13 269:10	167:4 168:21 202:23 204:14,18 205:1,5 212:23 213:7 234:10,13

Index: \$1..4

20214417 217 2022			
42 175:26	82 264:12	acronym 222:27 223:1,	Advocates's 175:14
45 242:7	88 264:8	8,12	Advocates-01 149:6,
451 250:2	8th 158:28 263:7	action 158:15 239:16, 22,25,26	8,9
456.25 253:26		actions 195:26 240:22	Advocates-x-01 149:13,15,16 199:23
461 200:25	9	241:27 242:4,14,21,22	Advocates-x-02
47 198:6	9 210:14	255:3	149:19,22,23 199:23
47.40 197:27	900 233:3	active 160:3 187:10	Advocates-x-03
	911 260:20	195:27 247:8	149:27 150:2,3 167:9,
5		actively 212:27	28 168:11 171:22
F 407 00 474 00 400 40	96 197:3,8	activities 202:16 213:10 214:12	Advocates-x-04 150:6,9,10
5 167:23 171:22 188:18 196:28 203:19 208:5	96-B 150:14 177:6,8 197:1	actual 181:24 236:1	Advocates-x-05
213:7,12	9:00 279:27	245:27	150:13,15,16 177:4
		add 269:12 271:6	Advocates-x-06
<u> </u>	Α	adding 196:7 266:1	150:19,23,24 175:15
6 208:12 233:20,23		271:13	Advocates-x-07
246:6,14,16	A-15 204:7,22	additional 148:1	150:27 151:1,2 177:3 184:19
6/21/18 222:25	A.1 175:27	244:10 245:16 257:16 262:2 268:5,15 269:28	affairs 227:23
60 243:7 255:25,26	a.m. 279:27	address 177:15 190:14	affect 261:10
60-DAY 156:14	ability 196:8	248:5 271:1	affected 212:2,16
600 275:8	absolutely 138:19 162:12 198:14	addresses 176:19	238:14
602 253:27		271:2	afford 212:1 250:22
630 232:9 233:2	accept 272:2	adds 257:15,20	254:4,9
65 253:10,15	accommodate 186:9, 10,14 257:13,14,18	adequate 173:25	affordability 193:14
68th 255:23	account 183:17,22	239:8,14,23 242:10 250:11 255:21 256:27	252:15 254:12 255:11 279:15
6th 215:20	184:1,4 188:2,11 202:9,	261:18 269:10	affordable 251:1
VIII 210.20	20 232:9,12 233:2 247:21 279:6	adhere 138:9 161:27	AFTERNOON 226:1
7	accounting 202:17,20	Adjusting 175:22	
	_	administrative 140:6	age 259:5,7
7 210:8	accounts 144:28 145:7,10 202:8 203:2	adopt 212:14	agency 173:18
70 190:9 218:1,7,13,20 255:19	234:27 273:5	adopted 239:4 245:8	agent 228:8
700,000 208:14	accuracy 254:7	adopter 238:28	agree 138:2,5,8,12 139:2,6,16,19,24
700,000 200.14	accurate 170:28	Advice 169:27 195:26	165:11,16,17,23 172:1
8	245:26 262:3	196:3 242:27 243:15,28	173:22 174:14 182:25 183:23 186:22 189:17,
	achievable 252:14	Advocates 136:5,10	21 192:8,25 193:4
8 147:19 184:12 210:8 233:3	achieved 255:1 256:23	137:16 148:21 149:3,5,	194:4 199:5 205:22
	achieves 255:9	12,26 150:20,27 151:4 154:15 159:8 160:19	206:3 216:26 258:16 264:25 270:19 271:11
8.62 263:20	acquisition 178:6	165:3,7 167:8,27	agreed 261:19
803,469 233:3	180:6	196:27 213:21	ahead 154:2 195:7
80s 240:23 242:1	acre 244:11 263:20,28 269:11 274:6	Advocates' 172:26 177:2 184:19	201:7 219:14 264:1

Index: 42..ahead

266:4 267:6 274:9 allocations 158:28 apparent 184:2 245:22 265:1 272:17 166:11,14,21 168:20 aligned 243:19 apparently 276:27 approximately 186:11 171:5,10,13 172:2 203:28 240:5 279:3 173:12,21,24,28 174:4, appealed 169:1 **ALJ** 136:4,9,13,20,24 7,21 199:12 244:15 137:3,6,16,18,20,22,25 **April** 227:16 228:4,5, appearing 168:18 139:9,11,14,17,21,25, 262:6 263:4,5,10 22,26 229:1 249:20 28 140:21 141:2,9,19 264:27 265:2 267:3 area 187:11 190:10 268:12,25 269:6,20 appears 167:11 173:23 142:1,9,19 143:2,15 246:19 270:4 271:20 272:5 144:2,13,21 145:4,18, 185:16 28 146:11,18,27 147:5, 273:28 274:15 areas 189:13 193:10 appendix 201:12 17,25 148:10,17,21,24, 216:3,8 218:8 227:22, allowed 226:19 243:21 203:19 204:14 205:1 27 149:2,11,18,25 27 228:18 238:8 248:4 256:13 150:5,12,18,26 151:4,8, 245:11,28 applicable 250:9 266:8 11,14,17,25,27 152:25 alternative 208:7,19, application 140:13,23 argumentative 277:9 153:23,28 154:11,15, 23 209:12 215:6 222:7 141:12,22 142:12,22 18,21,27 155:11,21,27 252:12 254:22 256:18 arid 257:6 144:5,24 145:20 146:3, 277:19 156:2,13,19,25 157:3,9, 20 147:9 149:28 157:18 asbestos 247:10 16,22,28 158:6,8,13,19, alternatives 148:1 158:8 212:15 240:26 26 159:5,12,18,24 asks 266:8 221:3,11 254:26 255:6 160:1,7,13,17,19,22,25 applications 263:25 256:20 assert 188:21 161:2,9,16 162:28 267:23,26 163:4,8,10 164:26 American 183:27 assertion 202:24 applied 278:3,6 165:1 167:15,20,25 245:8 207:17 216:2 168:1,4 179:28 180:17, **applies** 176:25 amortizing 279:8,13 assess 169:22 21,23 188:14 191:17 apply 165:20 195:20 192:3,20 194:15,17,25 **amount** 166:17 184:2,3 assessing 196:21 196:19 228:16 265:1 195:2,4 198:23,27 185:17 186:8 205:24 Assessment 156:21 272:8 276:12,15,18 199:15,18,21,27 209:25 211:18 230:4 278:9 213:24,27 219:8,11,15 243:16,19,21 248:4,12, asset 198:17 233:12 220:22 221:5,13 18,24 258:26 266:13 applying 271:28 245:3 223:14,24 225:6,8 267:7 269:4 271:13 278:14,23 assign 174:3,6,7 226:4,21,23 231:18 amounts 202:21 approach 256:20 234:12,18 235:4,10 assigned 167:5 168:21 251:24 272:1 237:15,24 238:3 239:19 173:12,28 241:1 242:3,13 247:26 analysis 194:10 approached 278:19 assist 268:2 248:7 249:24,27 216:18,21,24 270:5 approval 173:19 251:11,15 252:25 **Association** 183:28 and/or 138:17 181:24 238:22 244:23 253:1,3 258:21 260:2 263:4 269:19 270:18 Association's 245:9 261:6 262:14,22,25 **Angeles** 216:28 217:8, 276:21,23 264:21 267:13,16,18 12,21 218:13,15,17 assume 191:10 272:23,26 274:18 approvals 278:4 anniversary 255:24 **Assuming** 254:20 277:3,11,15 279:19,23, approve 168:24 169:3, 25 annual 158:1 166:18 assumption 208:13 12 171:9 174:20 244:20 170:7,14 171:2,8,27 alleviate 250:20 219:1 267:2 268:11,14 269:3 196:8 201:4,13 230:11, 270:6,12,20 271:19 allocate 172:17 273:28 astronomical 233:5 24 232:10,18 242:28 272:4,7,8,12 273:13 243:4 244:5,9 260:13, allocated 232:14 attachment 153:17 18 269:25 approved 169:8 **attempt** 167:10,13 allocation 159:7 229:27 230:4 238:25 answering 235:5 209:19 165:20 167:4 168:25 244:8,15,16 254:21,28 169:3,8,18 171:3 181:8, anticipate 244:17,20, 255:7,13 259:10 263:11 attempting 242:3 12,18,24 182:14,21 264:9 265:26 267:7,9 **attempts** 162:24 191:23 195:13 196:13. 269:2,21 270:9,14,15 apartment 271:14 23 264:12 265:15 272:19 273:10,15 attendance 221:1,8 273:15 apologize 177:3 224:4,22 approving 196:23 231:20

Index: aligned..attendance

attention 152:23 back 137:25 139:28 194:10 202:16 205:9,25 148:25 151:12 154:19 233:19 238:26 250:15 143:15 151:19 154:27 206:12,20 208:13 155:1,2,11,17,25 267:11 273:2 156:2 161:2 163:10 212:14 224:7 232:14 160:15 226:14,18,27 166:22 167:20 168:6 234:3 253:12 260:25 227:1 231:18,20 234:7, attest 138:2,5,8,12,15, 177:3 180:18,23 181:6 267:1 270:5 272:16 13,16,20,28 235:6,7 21,27 139:2 161:23,26 194:17 195:4 197:22 274:2 275:11,16 237:16,17,26 238:12 162:2,7,9,13,20 199:21 202:16 203:11 239:20,21 241:2,3 baseline 245:4 attestation 200:2 210:20 212:21 213:27 242:5,7,25 247:27,28 215:24 221:12 222:19 **basic** 250:8 248:10,16 249:22,24, attestations 137:27 225:10 226:4,5,23 25,28 251:11,13,17 138:1 161:5,17 180:28 basically 184:14 239:26 240:22 241:21 252:25,27 253:5 226:11 188:22 242:1 244:4 247:12 258:22,23 260:2,4,8 253:3 254:11 259:24 261:6,8 262:14,15,20, attorney 137:27,28 **basis** 175:9 263:10 260:14 262:25 264:1 27,28 264:16,19,22,23 268:18,26 269:4 277:24 263:7 266:15 267:18 269:1 267:15,19,21 272:21 **attorneys** 138:2,5,8, bathrooms 190:22 279:25 273:3 274:4,18,21 12,15,21,27 139:2 276:25 277:13 bearing 247:24 272:19 background 241:14 194:28 Bishton's 277:7 bedroom 266:1 271:14 balance 255:10 256:25 attributed 232:15 **bit** 155:12 168:7 177:24 began 214:19 Balancing 144:27 audio 241:19 181:7 239:20 267:14 145:7.10 beginning 166:2 175:7 August 215:15 **blended** 193:11 188:19 210:7,9 234:8 **Barcinas** 161:3,13,18, authoritative 182:6 241:16 23,26 162:2,7,13 163:5, **Board** 231:14,21,26 11,16,17 165:2,8 **authority** 140:13.23 begins 202:24 216:7 **boat** 208:14,19,25 167:15 168:1,11 173:1 141:12,22 142:12,23 209:11,20,26 210:1,11, behalf 137:2 163:2 177:7 180:4,20,26 144:5,24 145:20 146:3, 25 215:1,16,17,18 179:20 181:4 182:28 184:25 21 147:9 165:12 216:1 219:22,25,27 188:17 191:26 192:8 Behlihomji 191:28 221:10 222:10 authorize 181:11 194:21 195:6.11 198:21 192:7 182:14 199:3,28 200:8 206:3 **Bob** 200:9 believes 172:21 264:11 214:4 216:26 219:5,19 authorized 211:21 **bottom** 200:13 203:18 220:20,23 221:19 benchmark 187:7 212:25 213:12 215:27 availability 169:28 223:20,27 226:7,10,15, 218:3 251:15 266:21,22 170:22,26 171:20 261:9 **benefit** 244:12 25,28 233:27 234:1,9 235:5,12,13 238:5 **bracket** 262:11 **Avalon** 196:12 227:4 benefiting 193:6 194:7 242:14,26 250:1 261:9 255:4 270:23,26 271:3, **Brady** 155:8 231:5 benefits 196:5,22 263:1 264:20,26 265:27 5,16 252:19 253:7 267:20,22 273:1 277:17 **bib** 268:4,28 269:2,12 average 203:27 253:18 **brand** 274:9 270:8,15 274:5 **Barcinas'** 235:11 avoid 153:20 197:12,14 241:23 break 180:15,18 226:6 **big** 258:25 261:7 262:18,22 aware 170:5,11 181:16, **Barcinas's** 191:16 **bill** 235:16,18,26 236:6 19 211:6,9,10 221:28 237:14 240:21 242:21 breaking 267:13 253:21,25 225:2 229:22,25,26 249:18 260:1,7 **Brian** 231:5 230:1 238:7 240:14 billed 184:4 189:26 barge 185:26 243:10 250:14 251:2,18 235:17 **briefly** 198:26 252:9 256:2 260:24 **Barnett** 158:8 **billing** 236:15 **bring** 210:19 242:18 263:8 264:17 271:5 **barriers** 210:10 276:17,28 277:22 **billion** 203:28 **broad** 189:7 base 144:8,15 186:13 bills 160:9 235:22 brought 242:27 267:27 189:8 В 236:1 256:16 **budget** 230:3,9,11,20, based 161:24 166:14, biphenyls 179:1 25,27 **B-I-S-H-T-O-N** 136:18

Bishton 136:17,18,23

137:19 139:14,15

Buerkle 163:24

17 171:19 173:22

177:20 182:23,26 190:4

building 271:14 capacity 269:25 categorize 197:2 claiming 248:1 275:11 built 257:12 264:10 categorized 176:16 clarification 153:27 capital 142:15,25 143:5 155:21 188:9 199:26 **bulk** 190:5 center 236:19 202:19 207:13 230:12 231:17 248:15 cetera 230:26 266:13 **bullet** 246:23,24 277:28 278:20 clarifications 154:5 burdening 247:1 Capitalization 203:14 **challenge** 178:13,20 **clarify** 178:25 206:1 186:6 257:16,21 **business** 161:10 carrier 211:11 258:21 192:16 230:16 261:13 challenges 185:20 Carriers 210:15.18 clarity 197:18,21 186:20 255:3 **buyer** 179:12,19 **carries** 174:15 **class** 140:14,24 challenging 166:7 141:13,23 142:13,23 carrying 218:4 185:28 186:5 257:9 C 144:6,25 145:21 146:4, carryover 213:6 **chamber** 190:7,13 21 147:10 158:15 175:10,28 176:13,15, 194:5,11 216:15 217:20 Cal 148:21 149:4,6,8,9, carved 247:22 227:6 19,26 177:10,15 178:7, 12,15,16,19,22,23,26, 20 179:20,22 180:7,11 case 161:20 27 150:2,3,6,9,10,13, **change** 152:8 258:25 189:11,18 191:22 15,16,19,20,23,24,27 cash 202:7,9 changed 257:28 193:19 194:3 197:9,13, 151:1,2 154:15 159:7 258:13,20 259:13,15 16 199:5,7,10 201:2 Catalina 136:14,19,21 160:19 165:7 167:8,9, 231:6 137:18 140:7,14,24 27,28 168:10 171:22 Changing 177:24 141:13,23 142:13,24 172:25 175:13,14 classification 197:20 144:6,25 145:21 146:4, Channel 210:15,18 177:1,2,4 184:18,19 classifications 177:22 22 147:10 148:24 196:27 199:23 **Chapter** 175:26 151:11.19 154:18 classified 197:9,13,15 calculate 197:2 244:12 156:4,9 160:13 165:13, characterization classifying 175:9 248:23 277:7 19 166:6,12,25 168:25, calculating 173:2 28 169:22 175:9 178:6 217:28 218:12 245:10 clause 172:5,18 characterize 224:24 180:6 181:8,14,17 calculation 170:8,18 clean 250:28 183:14 184:24,26 charge 191:13 192:26 171:16 173:13 208:13 185:15,20 186:2,7,9,13, 211:3 220:16 248:28 clear 196:18 208:18 218:14 28 189:7,23,27 190:3,6, 250:5 Clearlake 184:10,15, 7,18,27 191:2,5,22 calculations 170:20 **charged** 192:28 193:19 192:11 193:28 194:2,8 24,27 185:15,21 186:2, 171:8 184:5 270:1 195:13 201:17,20,22 **charges** 211:7 235:23, 7 187:1 197:26 198:1,5 calibrating 245:21 202:4.8.13.25 203:2.5 24 250:3 253:10 Clearlake's 184:13 204:2 205:14,19 206:9, **California** 140:12,22 chart 159:26 252:19 186:24 26 207:8 208:28 141:4,11,21 142:11,22 260.12 210:15,20 211:4,15 clientele 191:6 144:4,23 145:19 146:2, 212:5 214:11,24 215:21 check 137:11 170:15 13,20 147:6,8,27 148:6, close 279:26 216:9 219:20 220:10,16 18 158:2 161:13,15 chemicals 185:24 222:6 224:9 226:8 closely 234:8 163:2,5 184:10 190:10 257:22 227:1,6,8,15 228:2,3,9, 207:8 217:2,22,25 **closer** 245:3 18,19,24 229:10,11 218:9,16,21 252:22 chronology 242:17 230:28 231:27 236:8,19 coached 162:1 circumstances call 229:5,6 233:21 238:14,15,17 241:6 coaching 138:10 182:24 262:12 267:10 242:11 243:23 250:21, 25,27 251:5,23,28 **called** 163:5 cite 175:26 208:24 **coastal** 243:20 252:7,15,17 254:3,13 coated 259:25 cited 216:1 **calling** 191:15 255:11 256:21 257:3 261:11 265:28 272:14 Code 250:2 **calls** 163:15 citing 216:22 273:2,18 278:19 **Cameron** 223:16 city 219:28 227:4 237:3 collaboratively 182:9 279:10,16 255:4 270:23 271:5,16 collect 209:19 211:3 capability 167:12 **Catalina's** 186:23

221:22 254:24

collected 209:25 compared 171:7 **connec-** 197:23 contributions 240:14 183:13,15 184:27 186:2 **collections** 260:20.21 connected 248:21 **control** 230:16 207:13 257:15 258:6,28 collects 210:27 259:4 connection 196:27 convenience 152:20 228:2 241:9 242:2 combined 237:19 comparing 183:6 conversation 219:20 252:19 185:19 253:8 Comission 212:14 Cooper 223:16 connections 160:3 comparison 150:28 commence 194:5 176:3 177:21 197:2,5,8, **copy** 168:12,15 173:6,8 184:23 186:3 15,19,23 260:14,17,20, comment 160:16 192:3 **copying** 138:19 162:11 comparisons 188:1 22,28 261:23 comments 154:6,12, corporation 231:9,12 compensation 232:9, Conservancy 227:5 13,17,20 220:27 223:14 19,22,25,27 233:6 corporations 231:10 conservation 166:26 **commerce** 190:7,13 competitive 278:13 167:2 239:1,2 **correct** 163:3,20,26,28 194:11 216:15 217:20 164:17 166:8,9,13,20, considerable 210:9 compiles 271:9 227:7 23,27,28 167:5,6 213:8.9 **commercial** 191:5,21, complaint 169:1 168:12,14,22,23 consideration 279:7 181:14 22 169:10,16 170:16,21 173:3,4,6,7 175:11,12 commingled 203:5,6 **complex** 228:13 considerations 176:1,8,9,20 177:17 279:11 complexes 271:14 Commission 138:26 178:11 179:15 183:2,3, considered 259:11 150:21 161:21 162:19 8,9 184:10,11,16,17 complexity 257:16 176:24 181:16,23,28 188:4 189:9,10 190:16, consisted 224:15 182:5,7,11 195:17 compliance 199:6 17 191:1 193:22 197:27 198:7 201:5 210:14 consistent 196:18 198:10,11 201:6,23 **Compound** 239:18 212:1 268:17 269:7 202:1 203:3,25 204:4 concerned 254:12 205:21 207:22 208:9, Commission's 175:8 consistently 165:21 10,16,17,21 209:17,22, **concerns** 236:10 166:5 **commit** 223:7 24,27 210:2,16,17,22 279:16 consolidate 188:22,24 215:17 216:12,13,19 commodity 189:28 217:9 218:10.11 189:6 conclusion 194:10 257:8 219:22,23 227:17,18 consolidation 224:13 **condition** 258:20,22 229:9 231:12 232:2 common 204:9,25 259:5,12 271:16 234:14,15 235:17 construction 227:24 communication 138:7 238:23 240:7 243:1,2,9, **conditions** 166:7,16, 266:1 162:22 13 248:14,21 249:9 25 169:9,23,24 170:1,4 **contact** 236:9 238:2 255:16,18,22 256:28 communications 171:12 241:4,5 242:5 259:25 261:1 263:13, 162:21 243:3 245:5 257:28 contained 224:6 20,21,25 264:2 265:8,9 258:4,6,12,14 259:3,14 227:13 253:7 community 206:23 266:4 269:22.23 270:23 contents 163:25 164:7 220:1,12 **conduct** 219:11 273:6,10,11,17,19,20, 23 274:1,2,6,7,25 compact 256:6 conducting 214:19 **continue** 181:1 194:18 275:6,12,15,25 276:12, 195:5 198:19 213:28 confidential 179:26 companies 232:24 16 226:6 253:4 262:26 company 147:28 148:6 confines 270:22 267:19 272:26 278:16 corrections 164:12 171:25 184:9 227:6 279:27 confirm 163:1 170:3,21 **cost** 150:28 183:18,22, 264:11 175:2 216:21 219:2 continued 169:17 25 184:1,4,23,26 company's 140:13,23 221:24 222:17 224:2,5, 185:14 186:19,23,25,27 continuing 180:25 141:12,22 142:12,22 14 232:12,26 233:7,16 188:2,11 191:6,8,12 226:8 144:5,24 145:20 146:3, 235:28 254:7 262:1 193:13.21 206:14.17 13,20 147:9 206:12,20 contract 185:24,26 270:24,26 275:26,27 208:7 210:26 212:28 257:23 215:5 220:6,18 240:6,9, comparable 232:23 confirmation 219:3 16 247:23 248:8 contributing 193:16 confirming 183:2 **compare** 187:5 232:28 250:20,24 251:9 252:2 270:2

Index: collected..cost

_			
254:23 256:20,27	CP-07 157:17,19,20	current 171:7 179:3 196:24 210:1 230:19 240:26 241:8 253:8,10 267:1 275:16	dealt 241:4
257:2,16,20 258:3,11 259:13 279:1	CP-08 157:23,25,26		December 137:8
cost-of-service	CP-09 158:1,3,4		decision 158:8 166:12,
255:10	CP-1 155:7	customer 176:4	22 181:17,20 182:7,23 213:2
Cost-recovery 148:2	CP-10 158:7,10,11	186:13 189:8 191:22 236:7,10,11,18 237:6	declared 259:27
cost-sharing 224:17,	CP-11 158:14,16,17	238:1 245:18 253:9,15	decommissioned
25,28	CP-12 158:20,23,24	278:27	178:28 179:4,13 247:8
costly 257:27	CP-13 158:27 159:2,3	customers 140:16,26 141:15,25 142:15,25	decorum 138:9
costs 140:25 141:14,24 142:14 144:7,26 145:22	263:5 268:2	144:27 145:23 146:6,23	dedicated 231:25
146:5,22 147:11 192:17	CP-14 159:6,9,10	147:12 165:15 166:6 176:7,17 177:19	deemed 138:26 162:19
193:5 221:22 222:8 223:11 224:8 247:3,20	CP-15 159:13,15,16	189:17,22 190:15	define 197:1
251:27 252:6 254:19	CP-16 159:19,21,22	191:2,5,9,13,21,24 192:13,26 193:6,10,20,	demand 171:2,5,7,25
256:9,14 258:8,15,17, 19 259:7 279:14	CP-17 159:25,27,28	21 194:7 210:27	173:26 186:17
	CP-18 160:2,4,5	217:21,23,25 218:1 220:16,19 221:23	demonstrate 237:18
counsel 199:4 count 176:4 196:9	CP-19 160:8,10,11	223:10 224:9,10 236:9,	demonstrated 198:16
197:19,24	CPUC 169:2,11 173:18	13 237:10 238:9 247:2 249:1 250:25 251:6,28	denial 138:24 162:17
counted 176:3,8	181:11,15 182:18 238:25 255:17 268:23	252:2,16 254:9,13	171:17,19
183:26	272:16	255:12 257:11,15 275:25 276:3 279:16	denied 166:20 168:27 171:3 268:6 272:15
counties 218:15	CPUC's 169:2 182:26	Customers/rate 144:8	273:6
County 216:28 217:5,	created 236:14,18	Customers/rate 144.6	deny 169:17 171:13
12,15 218:18,20,25	creating 245:5,13		172:2 173:24 174:2,7, 11,20 195:12 266:19,21
couple 152:26 217:10 223:26 277:16	cross 165:2 167:8		267:25,27 273:13
court 139:12 153:27	172:26 175:14 177:2 180:25 184:19,20	D-1-B 168:19	denying 174:11 267:23
188:9 231:17	194:18 200:4 210:15,18	dash 152:5,8	department 207:7,15,
Court's 235:9	213:28 226:8,13,24 262:26 264:20 267:20	data 149:13,20 183:17 203:15 245:23,26	26 217:8 228:7 229:12, 14,21,23 230:7 231:23
Cove 227:5 240:10	cross-examination	date 154:23 211:24,26	234:23
264:7	164:25 165:4 181:2	249:13 269:27 270:5	departments 207:24
cover 201:1	196:28 199:28 200:5 226:7,26	271:10	233:15
covered 240:15	cross-exhibit 167:28	dated 271:28	dependent 261:14
covering 240:24	199:22	dates 269:1	depending 176:16 206:15 232:16 267:7
CP 155:18 260:12	cross-subsidization	dating 244:4	269:4
CP-01 155:16,20 156:8, 10,11	193:9 252:1 254:18,21, 27	day 168:9 253:10,16	depends 206:5
CP-02 156:14,16,17	cross-subsidy 250:19	day-to-day 277:24	Depreciation 144:8,16
CP-03 156:20,22,23	251:21 252:8,10,13	days 243:7	deprive 250:27
CP-04 156:26,28 157:1	Crosstalk 161:6	deal 242:27 244:27 254:22 265:5,6	desal 196:7
	178:16 187:18 188:6	204.22 200.0,0	desalination 239:27
CD_N5 157:// G 7	231.16 2/11.20	doaling 244.2	uesaimation 239.27
CP-05 157:4,6,7 CP-06 157:10,13,14	231:16 241:20 cubic 185:15	dealing 241:3 deals 173:2	240:5,12,16 243:17,21 270:1

Index: cost-of-service..desalination

describe 229:16 desert-like 257:6 design 191:23,27 192:2 designated 152:15 153:12 214:10 designation 154:6 desire 261:21 destinations 209:2 detail 262:12 266:11 details 249:23 determine 171:1 179:23 183:23 184:25 267:8 determined 176:13 177:16 243:4 275:17 determines 275:13 determining 176:26 187:2 developers 240:10 development 227:23 228:13 240:13 243:20 264:8 Diego 218:23,25,28 219:2 difference 184:27 185:13 186:17,19 difficulty 151:23 direct 155:7,19 163:13 200:10,20 207:28 212:22 215:24 218:3 228:6 229:2 231:6 233:19 240:25 252:20 253:7 264:19,23 273:1 238:26

directed 169:3,11
181:11,22,25
directing 181:17,18,28
238:26
direction 164:10
182:18 208:15 272:16
directly 190:23 193:12
211:11
Director 227:15

Directors 231:15,22,27

disagree 248:22
discretion 172:2,8,16
173:13,24 174:1,4,5,6,
20 182:15,24 195:12,
16,20,21 267:25
discretionary 174:24,
26
discrimination 250:13
discuss 184:8 222:6
230:10,23 231:2
241:17,26 242:18
discussed 140:5
151:18 156:3 168:17
194:5 214:28 215:16
219:22 221:9 222:4,27
224:26 277:18
discusses 168:20

discusses 168:20 discussing 249:3 discussion 201:15 208:6 209:11 210:8,9 221:27 222:18 224:6,18 discussions 224:21

dismissed 279:20 dispose 179:11 dissuade 208:27 distinct 206:27 207:1, 5,11 distribution 207:14.

districts 193:22 divide 232:20 division 197:19 229:13

20.23 259:18

divisions 207:25

document 140:11 141:2,9,19 142:1,9,19 144:2 147:17 150:18 151:28 152:27 156:13, 19,25 157:3,9,16,28 158:6,19,26 159:5,24 160:1,7 175:28 201:8 203:12,24 204:6 209:8 210:24 215:8 266:9

documents 139:4 143:2 153:20 156:27 160:26 195:17 dollar 202:21 230:4 dollars 278:15 draught 238:13 draw 239:25 275:28 draws 275:24 drink 180:16 190:28 drinking 190:21 drops 153:14 drought 166:24 169:9, 13,21 170:2 171:11 239:10,15,24 241:4,5,9, 15 242:5 268:9 269:15 273:19 274:22.24.25. 26,28 275:2,4 droughts 238:16 273:22 due 178:8 186:19 194:2

dump 153:22 duplicate 140:9 duplicated 155:6,9,14

212:1

Е

E-M-I-L-Y 136:8

e-mail 162:22 earlier 168:17 177:9 180:28 181:7 187:26 194:6 200:2 204:19 205:6 216:15 224:17 226:12 236:15 244:24 261:20 272:13

early 238:28 259:10 278:6

earn 205:9,23 206:5

earned 200:15

earnings 203:2,5,6 204:1

easier 201:9

economy 219:28 220:11 251:8

Edison 140:13,23 141:12,22 142:11,22 144:4,24 145:20 146:3,

13,20 147:7,9,28 148:6, 18 155:6,10 158:2 161:14 163:2,5 166:4, 10,13,20 168:24,27 169:17,22 170:1 171:1, 13 172:2,11,16,18,20 173:19,24 174:15,20 178:10 179:22 181:11, 18 182:13,21 187:9 189:14,24 190:1,3,5,11, 15 194:7 195:15,19 199:4 201:5 204:1 205:20 206:12 207:1,8, 19,21 208:22 209:18,25 214:19 216:1,20 217:2, 16,22,25 223:6,14 227:20 229:4 230:21 232:10 235:15,27 237:9,27 238:21 239:13 240:4,6,17 241:4 242:26 243:5,26 246:11 247:5 248:11,17,24 249:12,16 252:23 254:22,25 255:14,19,26 261:17 263:3,9 265:8 266:25 267:25 268:10 270:10 271:27 275:7,24

Edison's 141:4 152:16 165:12 167:1,24 170:6, 11,19 171:19 174:23,25 182:22 183:11 188:11 189:21 191:21 201:21, 27 205:25 206:4,6,28 207:4,5 208:8,19 215:3 216:4,10 221:21,22 222:8 224:9,10 237:2 251:22 253:12 263:6 265:6 268:24

effect 211:17 252:21 **effective** 269:21,26

electric 140:16,26 141:15,25 142:15,25 144:8,27 145:23 146:6, 23 147:12 188:23 189:22 190:1,11 194:7 201:27 204:1 205:13 206:21 207:4 216:10 220:19 221:23 223:10

electrical 235:14 236:12 237:7

279:1

228:17 229:3 231:4

236:8 252:2 278:27

electricity 189:5 206:7 217:2 224:10 235:19 22.28 ending 241:16 237:22

elements 205:12 eliminates 260:15 **Emily** 136:7 139:18.19 148:22 151:6 154:16 160:20 165:6 employed 234:23 employee 232:21 233:4,18 **employees** 232:1,3,6, 19,28 233:4,8 234:21,

employes 233:12 **End** 196:12 ended 272:17 275:4

ends 256:23 engage 162:20 212:20 engaged 212:27

engagement 213:9 214:11,18 222:14 227:25 228:12

Engineering 156:21 engineers 233:12 enjoy 189:28 190:20 ensure 250:11

entire 206:12.20 230:28 240:15 266:11

entirety 218:13,21

entities 217:17 231:7

entity 201:18 202:5,26 229:9 237:21

entry 138:24,25 162:17, 18 204:13,28

environmental 178:9, 19,26 179:9 180:5 227:25 228:12 233:14

environmentally 186:1

equally 207:3

equipment 259:17 equitable 248:28 249:7

equity 246:8,22 247:13

errata 140:21 141:20 142:21 146:1 153:9.11 163:22

Escalation 145:24 146:7

essentially 206:16

establish 169:25 176:15 183:28 195:18 198:9 241:14 242:4,9

established 196:8 206:11 238:21 261:19

establishing 210:10 245:14

estate 228:8

Estimating 175:22

event 236:9 254:27

evidence 194:6 227:14

evidentiary 137:8 138:28 139:3 162:16 272:13 279:26

exact 193:15 232:12 238:8 270:27

EXAMINATION

163:13 195:9 219:17 272:27 277:14

examined 162:23

examples 193:8,14,17 246:1

exceed 170:6,12,13 171:6

exceeded 171:2 184:13 276:19

exceeding 198:2

exceeds 171:26

exception 272:14

excerpt 150:20 152:16, 19,28 177:5 213:18 214:6 222:20

exchange 155:3

exclude 177:18,21

excuse 186:28

exercised 195:21,23 265:18

exercising 182:24

exhaustive 257:26

exhibit 140:4,19,28 141:7,17,27 142:7,17, 28 143:5,22,24,26,28 144:11,13,19,21 145:2, 4,14,16,26,28 146:9,11, 14,16,18,25,27 147:3,5, 15,19,23,25 148:4,8,10, 12,13,15 149:5,9,11,16, 18,23,25 150:3,5,10,12, 16,24,26 151:2 152:4,9 154:8.9 155:15 156:7. 11,17,23 157:1,7,14,20, 22,26 158:4,11,13,17, 24 159:3,10,12,16,18, 22,28 160:5,11 165:25 167:8,26 168:7 171:22 172:26 173:5 175:2,14 177:2,26 183:1 184:19, 20 185:2 188:12,18 196:28 214:5 222:20 233:20 246:6 252:18,26 253:6 260:11 262:13. 14.21 263:4 268:2 270:22

Exhibit-01 155:23

Exhibit-02 155:24

Exhibit-13 273:2

Exhibit-18 260:12

exhibits 138:3 139:1 140:1,7,9,10 148:19 149:4 151:5.19.28 152:26 153:3 154:7,22 155:4,6,22 156:4 160:14 162:4 226:20 227:13

existing 271:23

expanding 234:3

expect 206:17 224:8 246:5

expectation 206:23

expectations 195:18

expected 137:9 196:3

expense 144:9,16 249:2,6 257:24

Index: electricity..fairly

expenses 202:8,13,15 229:26 230:15,26 241:10 248:25

expensive 187:23

experience 162:24 228:6.11

experienced 169:21 192:14 273:18,22

experiencing 170:27

expert 155:8 231:5

expertise 278:23

explain 223:8 252:26

explicitly 177:15,21

Express 212:5 214:24 215:21

expressed 219:21

extent 164:16.19 172:7 224:6.28 225:1 238:19 260:16

external 161:25 214:18 227:25 228:12

extra 220:18

extraneous 153:14,20 242:16

extraordinary 252:2

extreme 238:19

F

F-I-S-H-E-R 136:8

facing 247:6

fact 216:27 257:12

factor 187:2 199:11

factored 220:14

factual 164:17

failure 270:19

fair 191:4,10 224:24 249:10 255:10 256:25 268:16 269:7 274:8,12

fairly 165:21

fairness 274:15	financed 277:21	forget 216:16	garnered 228:26
familiar 177:7 250:1,5, 8 276:20	financial 229:19,20 230:17,18 271:15	form 220:6 266:7	gas 228:17 229:2 231:3 232:7,16 233:9 235:15,
familiarity 278:23	find 190:8 200:24 formal 138:9 161:27 171:11 266:6	16,19 236:8 238:9	
favor 208:28	fine 153:11	formalized 245:12	general 150:14 172:19 177:5,8 196:28 197:3,8
feasible 178:8 180:8,9,	finish 231:19	formally 169:14	202:9 217:15
12 February 154:24	Finkelstein 136:28 137:1,5,21 139:22,23	forward 181:23 182:19 240:13	generation 201:25,26 207:4,9,12 229:13
158:28 166:27 170:7,14 171:4 241:16 244:5	148:28 151:15 152:2,6, 12,13,14 153:5,6 154:2,	foundation 228:16	233:11
263:7 269:22 274:11	3,4 160:23 200:3,6,9	foundational 228:19	gentleman 268:28
275:4	206:2 213:22 214:1,2 219:4 221:15,17	franchise 165:12	geographically 186:1
Federal 228:15 fee 208:14,19,25	223:24,25	Frank 137:1	give 139:11 161:10,20 173:23 182:15
209:11,20,21,26 210:1,	fire 176:3 197:23 260:15,16	free 161:25	glass 190:28
11,25 211:14 215:1,16, 18 216:1 219:22,25,27	first-come 268:18,26	fresh 150:7 165:19	glitch 241:19
221:10 222:10	269:3 272:1,9 274:13	168:20 170:8,17,18 171:24,26 172:27 173:2	goals 245:15
feedback 215:2 219:24 220:2,9 221:10,20	first-serve 268:18,26 269:4 272:1,9 274:13	174:17 195:12 242:28 244:6 269:26 273:28	Golden 184:9,24 186:24 198:7
feeder 216:8 218:8	Fisher 136:7,8,12	front 214:8 232:26	good 165:8,9 169:4
fees 211:3,7	137:17 139:18,19	268:27	182:19 186:23 200:8
feet 185:15 244:11	148:22 151:6,7 154:16 160:20 165:5,7 167:21, 22,27 168:3,4,5 178:23 179:28 180:2,19 181:2, 3 185:1 187:19 188:13, 16,28 191:19 192:4,5,	Fu 137:15 139:9,10,13	220:11
263:20,28 269:11 274:6		full 221:3 253:20	goods 191:12
felt 171:6		full-time 232:3,6 233:18	govern 276:28
ferries 210:19 211:3		fund 193:9	grab 180:16
ferries' 211:7	22,23 194:12,19,20,24 198:23,25 199:2,13,22,	fundamental 250:28	grant 273:28 277:11
ferry 208:16 210:26	25 263:2 266:18 267:26		granted 181:8
212:7	Fisher's 216:14	furnished 159:7	grants 277:20 278:2,4,
field 278:13	flat 186:3	future 138:24,25 162:17,18 206:24	11,20,21,24
figure 203:27	fluctuations 186:16	246:8,23 247:2,14 248:28 249:8	GRC 166:12 213:1 214:28 220:7 229:27
figures 216:21	257:19	FW 276:7	240:23 249:4 278:3,22
file 200:24 201:9 203:13 243:12,28 244:3	FN 204:14	FWB 275:10	Great 137:22 139:25 163:4 219:15
filed 137:8 155:20	focuses 229:23		
243:26	focusing 258:19	FWY 150:7 159:13 172:27 173:1,6,10,23	greater 187:1 191:23
files 201:5	follow 207:17	269:26	greatly 244:6 269:24
filing 258:8	Footnote 175:26		grounds 277:8
filings 199:6	201:16,24 202:2,23 203:19 204:18 205:5	G	group 227:10,11 237:6
fill 272:3	213:13	gallon 156:21 157:5,11,	grow 261:28
filled 232:10 264:27	footnotes 203:23	18,24 259:9,24	growth 260:27 261:2, 12,13,22,25 271:22,26
finally 197:25	forecasted 197:26	gallons 253:9,10,15,16 275:8	guarantee 256:11

Index: fairness..guarantee

Index: guaranteed..installed 151:2 154:8,10 156:11, include 174:6 191:12 17,23 157:1,7,14,20,26 211:8 215:4 219:2 158:4,11,17,24 159:3, 227:23 230:25 245:18 10,16,22,28 160:5,11 269:28 270:18 273:9 included 170:24 identified 139:1 155:5 162:4 163:24 164:7 197:24 198:17 212:10 178:10 231:6 259:23 214:25,27 218:14,25,28 260:17 266:18 224:12 225:1 254:25 260:17 **includes** 179:26 172:10 244:25 245:11 262:15,21 268:19 218:23 233:9 253:20 including 138:10,18 161:28 162:11,16 234:26 269:1 270:13 277:20 increase 140:14.24 141:13,23 142:13,23 220:10,14 252:9 144:6,25 145:21 146:4, 271:15,18 21 147:10 210:1 253:27 impacted 212:18 258:19 implement 254:14 increased 244:7 258:3, 276:22 9,15,17 259:13 269:24 incurred 249:2 indecipherable 137:7 23.26 239:5 263:3 267:12 276:5 independent 216:21 276:20 indicating 184:14 importance 187:14 indicators 183:21 indifferent 153:18 183:25 influences 161:25 **impose** 193:5 informal 169:1 195:28 198:13 243:2 information 179:26 228:26 237:11 238:2 improved 244:10 260:13 266:8 278:18 infrastructure 186:10, 245:6,11 246:3 247:4 14 228:14 245:5,7 271:23 257:12 259:6,7 277:28 278:20 246:2,5 initial 238:25 improving 240:1 initially 168:27 243:11 in-service 179:4,17 272:15 273:6

guaranteed 256:4 278:11.12

guess 185:4 187:20

guidance 182:8,12,14, 16,18 197:11,22

Guide 175:22

guys 221:4

Н

Hamilton 227:4 240:10 264:7

handle 236:22

handled 266:24.25

handles 237:6

happen 244:18 253:13 255:13

happy 242:23

hazardous 259:11

heading 201:16 202:23 203:14 214:10

health 170:23 211:15

healthy 170:3

hear 221:4 242:23 260:4

hearing 136:2,11,22 137:4,8 138:19,28 139:3 151:24 162:12 257:5 272:13

hearings 137:10,13 138:24,25 152:24 162:16,17,18 279:26

held 137:10 138:17 162:10 220:24 227:21, 26

helps 200:23

high 184:15 206:14 247:6 250:20 257:4,18

high-cost 189:7,12 193:8,10

higher 185:25 186:11, 24 206:17 279:14

highlight 196:6

historical 169:21 238:19 273:24 278:18

history 242:4 273:22

Hite 233:28 234:25 235:8 241:25 242:19 249:19,26 276:26

holding 137:13

home 161:14 237:1

Honor 136:3,7,12,28 137:5,15,17,19,21 139:8,10,13 148:20,23, 26 149:1 151:6,10,16, 20 152:13 153:5 154:3, 14,17,20 155:2 160:16, 18,21,24 161:8 163:15 164:24 165:6 167:22 179:25 180:14 181:3 191:14,25 192:19 195:1,8 198:22,25 199:17 213:22 214:3 219:6,10 223:6,25 225:5,7 226:18 233:25 234:6,7,15,24 237:12, 17 240:20 241:3,13 242:2 247:17 249:17 261:5 262:17,21 264:18.24 272:25 276:25 277:5,10 279:3, 18

hose 268:4,28 269:2,12 270:8,15 274:5

hotel 191:11

hotels 190:21

hour 225:9,13 262:19

house 269:12

household 217:1

ı

i-n-k-e-l-s-t-e-i-n 137:2

idea 215:1,18

identification 140:19, 28 141:7,17,27 142:7, 17,28 143:22,24,26,28 144:11,19 145:2,14,16, 26 146:9,16,25 147:3, 15,23 148:8,15 149:9, 16,23 150:3,10,16,24

identify 136:5,15,26

identifying 245:15,20,

immediately 162:27 266:26

impact 206:22 219:27

implementation 274:3

implemented 211:16,

implementing 212:28

important 165:20

improve 169:28 187:11

improvement 187:9

improvements 245:15

inaudible 153:26 215:3 220:27 243:20

input 182:26

inquiries 179:22

installation 239:27

installed 249:14,16

incentive 199:4

incentives 197:14

223:28 229:8,14 232:15

233:27 234:6 242:1

276:23

instance 169:7 259:23 learned 228:21 **Los** 216:27 217:7,11,21 J 218:13,15,17 intention 265:6 leave 152:20,26 153:24 225:4 lose 187:23 interest 169:4 179:24 **James** 163:24 left-hand 214:23 loss 158:21 183:6,11, interested 179:21 **Jeffrey** 184:21 12,20,21,24,26 184:2, legal 201:18 202:5.26 interpretation 172:4 16,28 185:11,12 187:3, iobs 251:7 210:9 173:16 174:2,9 4,8,14,24 197:27 198:2 **Joint** 140:3 legislatively 255:5 244:25,27 245:10,13 Interrogatory 158:15 Judge 200:7 length 271:11 losses 184:13 198:6,9, introduce 167:8 13 245:22,28 judgement 164:20,22 let alone 247:19 172:25 175:13 177:1 lost 240:19 184:18 **judgment** 179:18 Letter 169:27 196:4 introducing 177:4 lot 236:2 278:22 242:27 243:15,28 jump 274:9 **Lots** 278:13 investment 205:24 level 275:19,21 June 215:20 206:18.22 liabilities 178:9,19,26 **loud** 161:7,9 jurisdictions 188:3,25 investments 206:5 179:10 180:5 **low** 187:24 257:19 involved 212:11 224:8 licensing 240:19 Κ low-cost 189:13 259:18 193:10 lifted 169:14 irrelevant 240:27 key 183:20 **lifting** 170:2 low-income 251:7 kind 232:22 235:1 **island** 165:22 166:25 lunch 140:8 225:9 limited 165:18 171:27 259:19 170:1 185:22 189:23 226:5 190:19 191:3 195:13 **limits** 271:5 knowledge 161:24 196:11 201:22 206:10, 176:10 211:24 228:28 lined 247:8 М 27 210:20 211:5,15 242:14 216:3 219:20 220:1 lines 178:4 186:27 222:7 227:4,6,9 228:3,4 214:23 made 179:22 198:8 L 230:28 233:11 235:14 208:18 233:8 261:26 **list** 140:4 155:15 158:28 236:3,4,24,26 238:14, 266:2 267:12 274:4 159:7 196:24 244:21 15 240:3 241:6 242:12 **LA** 217:5,15 218:20 246:17 257:26 263:5, mail 235:25 254:4,23 256:1,28 10,15 264:6,14 265:21, **Lab** 157:10 257:7,8,21,23,27 mainland 210:21 25 266:2,11,17,22,23 261:11,25,27 265:28 labeled 163:22,23 224:11 236:12,28 267:4 269:16,18 271:21 270:25 273:18 277:1 164:5,6 272:20 273:5,8 maintain 203:1 239:8, **issue** 181:18 185:12 labor 185:24 230:26 14 257:27 263:9,14 listed 155:14 265:7 189:3 241:7,10 248:9 233:10 257:22 maintained 202:8 listened 234:7 issued 166:11 190:7 lack 171:19 263:12 maintaining 257:17 live 189:22 261:12 **issues** 138:1 140:6,9 lacking 210:25 maintains 230:16 148:18 151:5,7,9,13,16 living 254:3 language 153:15 234:26 241:24 maintenance 186:16 loans 277:21 172:10,13 173:23,27 202:19 207:13 220:17 **Isthmus** 196:12 271:4, 174:19 177:22 located 236:20,21,23, 251:27 257:3 258:10 7 27 large 188:24 217:4 259:16 items 246:17 location 161:10 270:27 major 196:11 227:24 largely 190:11 216:9 it's 176:27 178:2 228:13 locations 266:12 larger 186:14 207:25, 179:26 181:22,27 26 257:13 majority 189:27 190:3 182:6,10,17 183:24 long 247:12 278:12 216:2 218:17,19 228:28 185:28 187:4,27 222:13 late 236:17 278:7 longer 279:9,13

Index: instance..make

make 138:13 162:8

164:13 170:25 174:23

looked 271:1

laws 250:10

178:21 190:5 194:10 198:20 202:17 213:13 238:2 245:14,16,25 246:2 256:4 266:10,13 269:6 271:3 274:14

makes 184:26 186:21 203:19

making 187:23 192:5 196:17 245:19

management 196:16 198:17 231:26 233:12 245:3 255:27

mandatory 166:26 167:2 168:17,26 239:2 276:10,15 277:1

manner 195:22,24 257:18

mark 140:17 141:5 144:10 153:1

marked 140:11,19,28 141:3,7,10,17,20,27 142:7,10,17,20,28 143:2,11,17,18,20,22, 24,26,28 144:3,11,14, 19,22 145:2,5,14,16,26 146:9,16,24,25,28 147:2,3,6,14,15,18,23, 26 148:3,5,7,8,11,15 149:6,9,12,16,19,23,26 150:3,6,8,10,13,16,19, 24,26 151:2 152:1,5,10, 27 154:8,9,23 155:23 156:8,11,14,17,20,23, 26 157:1,4,7,10,14,17, 20,23,26 158:1,4,7,11, 14,17,20,24,27 159:3,6, 10,12,16,19,22,25,28 160:2,5,8,11,27 209:6 213:17 214:5 222:19 260:11

marking 140:1,6,7,27 141:16,26 142:5,16,27 145:1,25 148:18 149:8, 14,21 150:1,15,22 151:1 152:3,7 153:3 156:4,5,10,16,22,28 157:6,13,19,25 158:3, 10,16,22 159:2,9,15,21, 27 160:4,10,14

matched 170:26

material 153:13 164:9 247:9 259:9,11,26

materials 162:3 185:23 234:2 257:22

matter 152:19

mature 278:9

Meaning 207:11

meant 155:14 227:28

measure 208:20 230:18

measurement 230:8

measures 166:26 187:11 195:27

mechanism 181:25 198:10 223:19 224:1

mediation 247:16

meet 173:26

meeting 215:19,20 221:20 222:25 227:8

meetings 214:18,26,28 215:10,14 220:25 221:1 222:2,16 223:21 224:5, 23 225:3 230:23

member 181:28

members' 182:5

memo 247:21

Memorandum 144:27 145:6,10

memory 161:24

mention 217:24 278:22

mentioned 166:24 168:16 176:7 196:4 224:4 232:13 245:2 257:4 259:1 272:16

meters 245:19,24

methodologies

195:18

methodology 169:26 170:9,19 171:16 173:2, 14 174:18 196:19 243:3 244:19 245:9 270:2

methods 277:19

MGT 156:21 249:21

middle 214:15

miles 271:3

million 156:20 157:4, 11,18,24 186:12 209:20 232:20 233:2 247:7 259:8,24 278:28 279:3,

million-gallon 248:2, 13,26

mind 220:9 223:12

minute 219:12

minutes 194:14 225:10 262:23

mischaracterizes 259:28 260:6

misclarification 155:13

misrepresentation 269:13

missing 153:17 264:6,

misspoke 143:16 177:9

misstates 188:26

mitigation 208:20 223:19 224:1

mode 162:22

modify 244:2

moment 151:22

Monday 234:25 249:20

money 241:8 248:2,12,

month 253:10,15,22,26 254:2,9

monthly 160:9 229:15, 20,24 230:8,17 253:18

months 265:16,19,23

morning 165:8,9,11 194:22 200:8

move 140:1 152:22 153:25 180:2 181:23 182:19 192:23 203:10 242:24 248:7 277:6 **moving** 149:3 151:27 199:27 204:5

Index: makes..numbers

multiple 186:4 239:28 274:4

municipal 217:11

museum 168:25,28 169:5,7 181:9,14 272:15

Ν

nature 194:2 217:27 231:24 234:18 257:6

necessarily 174:10

needed 152:12 169:22 170:21 196:1 233:13,15 252:12

negative 200:15 271:15

Network 136:26 200:1

nexus 210:26

nominal 253:16

normal 230:15 258:18 259:18 261:1

Norris 136:17 139:15 148:25 151:12 154:19 160:15 226:28

Nos 148:8

note 184:12 203:18 227:12 278:3

noted 243:5

Notice 156:15

notification 276:23

November 215:11

number 165:27 167:26 170:22 172:27 175:2,4 176:17 177:28 186:11, 15 192:12 196:5 200:26 224:13 227:21 232:26 233:17 234:20,22 236:21 244:28 246:1,13 251:5 254:25 256:19 257:11,13 260:14 277:19

numbers 170:26 184:1

236:7 244:19 247:6 254:6 257:25	ongoing 263:10 online 235:25	organization 159:26 201:26,27	265:13 273:2 278:14 279:28
numerous 239:6	opened 181:21	original 153:7,15,22	Parties' 151:19
	operate 165:12 240:19	originally 239:4 249:11	parts 143:6 270:25
0	264:28	265:22	party 140:7 156:9 162:6
O&m-specific 234:27	operates 270:10	originate 218:8	212:15 265:18
oath 138:6 161:28	operating 175:23	outcome 196:20,22	Party's 156:4
162:23	230:15,25,27 257:17	206:15 212:14,16	pass 191:5,8
object 233:26 234:5	operation 186:15	outcomes 196:3	passed 242:8 255:19
objected 188:15	202:19 207:12,16 228:25 229:5,7,28	outlier 272:18	265:23
objection 179:25	230:3,22,28 231:11,23	outstanding 271:10	passengers 208:14
188:7,26 191:14,18,25 205:27 234:2 235:2	232:5 237:19,20 251:26 257:3 258:9	overlap 216:10 217:4	passing 192:16
237:12 239:18 240:20	Operation-escalation	overlaps 190:11	past 249:1
247:17 249:17 259:28 264:15,18 277:12	146:14	owners 192:16	patiently 274:10
obligated 263:13	operations 141:15,25	Р	Paul 148:20 151:9 154:13 160:18
obligates 165:13	142:4 145:23 146:6 201:17,21 202:4,25	·	pay 190:19,25 191:1
obligation 166:5	204:3 205:10 206:28	P&I 229:15,17	192:9,13 193:20 223:10
172:20,22 173:17	207:2,4,6,11,19,21 208:8 220:17 227:15	p.m. 225:13,14 226:1	247:15 251:9,23 279:10
174:13,15,24,25 195:19,24 255:14,28	228:3,21 229:2,11	PA 151:21	paying 190:23 191:3 193:7 208:7
257:1 261:17 262:7	276:5 277:24	pages 213:13	PCB 247:9 248:8 259:8
obligations 246:21	opinion 163:27 164:20, 21	paid 202:9 232:23	PCB-CONTAINING
obtain 238:1 266:2	opportunities 278:10,	PAO 149:5	247:9
obtained 220:2	15	paragraph 173:11	PCB-LINED-MILLION-
occasions 239:7	opportunity 212:19	176:6 208:12	GALLON 248:20
occur 256:11	255:20 256:8,13	pardon 233:1 276:7	PCBS 179:2,6
occurred 222:15 246:3	opposing 139:5 162:6	part 143:8,9,11,16,18, 20 145:8,12 152:18	PDF 200:24 201:9 203:13
occurrence 162:26	opposition 215:3 219:26	168:18,19 171:23	
238:15	option 265:19	198:17 199:10 201:25, 27 205:28 221:27	peak 186:18 257:19
occurs 258:18	Options/methods	223:21 224:18,20	penalty 161:19 198:10
October 213:2 269:10	148:2	237:5,19 245:4 261:20 265:10	pending 161:20 263:5
off-peak 186:18	ORA 222:26	part-time 232:1,4,19	people 236:22 254:3 257:14 261:11,21,27
offered 205:20	order 150:14 169:25	234:22,27	people's 152:23
office 136:5,10 137:16 149:3 151:5 161:14 165:3 213:21 236:3 237:1	173:20 177:5,8 181:17 182:6,11 192:25 193:4 196:28 197:3,8 240:12 242:27 263:24 265:7 268:22 269:5 270:3,9	participation 225:11 279:20 parties 136:15,19,21 137:9,12,18 139:1,5	percent 184:13 190:9 197:27 198:2,6 210:1 218:1,7,13,20 253:27
officer 162:27	274:14 276:14	148:17,24 151:11	percentage 183:11,24 184:16 187:3 217:18
offices 237:2	ordered 243:6	154:18 160:13 162:4,5 212:18 221:12 226:9	percentages 183:6,12,
official 181:20 182:10	ordinary 220:18	227:1 243:23 252:18	20 217:15

Index: numerous..percentages

Perfect 251:16 planning 228:13 158:1,7,14,20,22,27 **proceed** 153:23 156:5 159:6,12,19,25 160:2,8 161:16 167:21 168:4 **perform** 183:15 plans 277:27 194:26 200:3 219:15 216:20,23 Preliminary 140:4 plant 203:14 239:27,28 226:13,24 240:1,5,12,16 243:17 performance 183:20 premarked 139:1 **proceeding** 138:14,17 205:25 206:6,7,13,20, 145:28 146:11,18 162:4 plants 239:28 162:8,10 163:18 179:27 22,26 230:8,12,19 180:10 181:20,21 189:4 prematurely 233:26 231:2 point 178:13,22 192:6 234:5 206:16 212:11,17,20 242:20 244:22 246:24 performed 194:9 220:8 240:23 241:7,11 268:15 prepare 254:6 247:18,22,25,28 performing 230:24 248:14,18,26 255:2 pointing 222:16 **prepared** 152:2,5 256:24 period 247:10 260:28 164:9 241:17 252:19 points 246:24 261:3 268:9 273:26 253:6 process 173:20 174:3 279:13 policies 263:2 196:4,12 212:1 220:6 preparing 212:27 248:5 265:10 266:6 periods 239:9 265:14 policy 140:16,26 141:5 present 242:8 246:8,22 268:16 269:8 276:21 163:22 189:3 241:24 **perjury** 161:19 247:2,14,24 248:28 278:12 polychlorinated 179:1 249:8 258:2,17 259:3 permission 276:11,12, procure 185:23 16,18 population 258:25 presented 138:4 222:1 **produce** 243:22 261:13 permit 157:23 222:7 president 264:7 produced 184:3 243:20 **portion** 175:28 193:20 presiding 162:26 223:18 254:18 production 170:6,12, **permits** 240:19 pressures 161:25 13 196:7 245:13 position 183:10 227:14 persistent 241:6 247:13 251:22 **prevent** 206:14 professional 164:21 person 236:3 265:20 positions 227:22,26 previous 166:12 **profit** 256:5 person's 247:19 possibility 222:1,4 previously 139:4 profit-and-loss personally 220:28 162:5 163:23 229:18,24 Possibly 242:18 264:5 primarily 189:5 program 198:18 245:3, Post-test 145:24 146:7 perspective 202:18 13,14 246:4 278:8 principal 256:26 potential 179:16 Phase-in 147:12,20 progress 198:8,20 208:27 219:27 220:10 principally 228:21,25 phone 162:21 prohibited 138:20 **Power** 217:8 principle 250:9 162:12 Photo 156:26 157:4 **practice** 150:21 174:23 **prior** 213:1 224:18 prohibition 138:10 **pi-** 179:1 227:19 228:4,5 229:27 175:8,15,19,21,27 162:1 176:11,18,28 197:6,11, 278:21 piece 191:27 22 268:25 274:14 prohibitions 138:23 priorities 198:19 pipeline 178:28 179:4, 162:15 practices 239:1 7,14,17 prioritized 198:18 **project** 169:5 182:19 preference 152:21 pipelines 179:5 247:8 priority 269:19 264:10 274:9 153:7 259:17 **private** 162:21 Projected 160:9 preferred 204:10,25 pipes 247:11,12 220:15 proactive 187:10 245:6 projects 142:15,26 piping 248:4,20 259:22 preliminarily 140:11 problem 153:2 249:1 143:5 202:19 207:13 227:24 228:14 230:5,12 place 215:11 237:28 141:3,10,20 142:2,5,10, 259:23 265:12 277:28 278:5 20 144:3,14,22 145:5 253:11,14 266:18 problems 248:3 146:28 147:6,17,26 269:17 prolonged 239:9 148:4,11 149:6,12,19, procedural 210:10 plan 212:28 238:25 properly 272:8 26 150:1,6,13,19,22 239:3,4,6 245:6 252:23, procedure 238:22 152:1,4,9,27 156:7,14, properties 228:7 24 253:11,20 254:14 20,26 157:3,10,17,23 274:3

Index: Perfect..properties

proposal 147:13,20 193:28 208:23 212:12, 19 215:4 220:7,15 221:22,25 222:14 244:3 251:25,26 252:3 254:11,14,17,27 255:8, 13 256:22 278:27

proposals 147:28 224:14,17,25 225:1 252:22

propose 220:12 254:22 262:18

proposed 158:7 169:26 215:5,16 252:23 256:19

proposes 278:28 279:5

proposing 208:19,22 215:18 216:1 243:18

protection 260:15,16

protest 137:12 155:15, 19 156:9

Protestant 155:23

protested 243:23

provide 148:1 165:14 166:5,14 171:9 172:11, 21 173:20 174:10 185:16 189:14 195:28 199:12 233:13,15 239:23 240:11 242:10 243:6,8 246:7,22 252:4 255:21,28 256:24,27 257:1 261:17,20 262:6 263:24 265:20 266:15, 26 269:5,16 270:4 274:15

provided 162:3 182:21 183:5 197:21 211:4,15, 18 228:16 236:12 263:6,23 267:24 275:10,24 276:10

providers 212:8

providing 196:22 206:7 244:23 254:23 258:3

provision 176:6 250:10

provisions 176:12

276:28

prudent 255:27 256:8, 14 262:9

Pubadv-sce-020-jr 149:21

public 136:4,10 137:16 149:3 151:4 165:3 169:4 182:19 213:21 250:2,9,11 255:15 256:4 258:1 266:3,10, 14

PUC 229:28 231:8 232:11,24 237:23 238:22 243:9,11 268:20 276:11,16

pull 167:13,16 252:25 265:15

pulling 213:20

pump 276:1

pumping 170:24

purchase 178:21

pure 170:20

purposes 152:23 197:20 203:9

pursue 278:9

pursued 211:19,20 254:26

put 184:21 249:11 259:25 265:23 268:4

putting 187:21

Q

qualifications 227:12

quality 151:23

question 153:6 185:8 187:12,15 189:1 192:6, 19,21 193:1 205:28 220:22 234:19 237:25, 26 238:4 239:20 246:18 248:5 249:25 254:8,16 260:9 261:7,15 264:25 265:4 274:24 276:4 278:26

questioned 263:1

questioning 235:2 242:16 267:22 276:26

questions 192:1 194:23 198:22 199:14 216:14 220:21 223:26 235:6 236:5 241:26 244:24 248:8 249:21 261:4 272:22 274:17 277:2,16

quickly 221:18 quote 251:14 quoted 241:11 quoting 208:26

R

Ranch 196:12

range 183:15

ranging 198:6

rank 221:3

ranking 220:25 221:11

rate 144:15 187:24 188:25 191:23,27 192:2 193:11,21 200:16 205:23 206:11,19,23 223:19,28 250:12 256:9 278:27

ratemaking 145:24 146:7 147:12,20 224:13 255:11

ratepayer 221:21

ratepayers 190:1,4,5, 12 227:3 235:13 236:2 237:7 241:9 249:8 251:23 252:7 254:4,24 256:28 279:1,10

rates 140:15,24 141:13, 23 142:13,23,24 144:6, 25 145:21 146:4,21,23 147:1,10 189:7 194:1 222:11 253:8,19 255:22 261:19

rationing 166:16 168:17,22 238:22 239:3,6 268:9 274:3 276:15 277:1 rations 168:26

re- 180:14

re-cross 221:14 274:19

reach 236:4

reached 275:7

read 161:4,7,9 175:20

reading 161:17

reads 238:27

ready 168:1,2 194:28 219:11

real 184:2 228:6,8

reason 171:13,14,17, 28 172:3,6,8,12 174:21, 22 182:20 195:14 208:24 215:28 235:4,7 266:20,25,28 267:28 268:6

reasonable 180:5 183:15,24 187:3 210:25 250:4,12 252:14 255:22 256:8,9,14,17,27 261:18

reasonableness 241:15

reasoning 174:12

reasons 172:6 186:23 257:4,26 265:1 266:20 267:23

rebuttal 148:5,13 164:6 165:25 175:1,25

recall 181:26 218:19 222:3 238:24 240:8,15 249:13,15

receipt 263:24

receive 189:23,25 221:20 235:16

received 138:6 182:13 215:2 219:25,26 221:10,12 235:27 240:4,17 265:8 271:10 272:11 273:12 278:4

receiving 189:18 192:27 193:12,15,18,27

recent 195:26 238:18 239:25,26 241:15

273:22 274:24,28 275:2 **reduced** 245:23 248:25 258:9 reporters 151:23 recently 178:10 211:16 reducing 198:8 relates 176:2 193:9 reporting 147:28 199:9 236:14 238:13 242:26 229:1 233:17 245:7 **reductions** 276:9,10 reports 158:21 232:10 278:5,8 258:14 262:4 278:2 260:13,18 refer 149:4 162:3 recess 225:13 relating 192:1 241:27 210:25 252:17 273:24 represent 136:18 249:22 recipient 192:27 137:4 183:19 209:28 reference 203:19 227:1 relevance 240:25 recognize 210:13 212:26 213:13 218:20 relevant 175:28 representative 136:4, 273:4 recognizes 250:23 14,25 227:2 reliability 240:2 references 202:10 recollection 223:9.28 274:5 representatives reliable 165:14 255:28 Recommendation 221:21 222:26 227:9 referencing 234:28 rely 220:1 149:7 246:20 represented 212:17 record 137:23,24,25 relying 216:17 referred 213:6 representing 136:1, 139:26.27 140:1.5 remain 199:5 10,21 200:9 143:13,14,15 151:18, referring 178:27 179:3, 22,25,26 152:18,22 13 196:26 197:25 remarked 143:9 represents 163:28 153:11,19,21,25,26 201:21 206:25 234:17 145:12 146:8,15 272:10 154:1,24,26,28 155:28 refers 214:18 223:19 request 149:14,20 remarking 143:7 156:1,2,3 160:28 161:1, 226:19 249:5 263:16 144:17 145:11 147:21 2 163:8,9,10 164:27,28 reflect 164:21 271:21 266:21 268:7 269:17 148:13 165:1 167:18,19,20 reflects 164:20 271:12 270:8,16 271:9,27 175:21 178:25 180:21, remediation 178:19,27 272:3,18 276:24 22,24 194:13,15,16,17 Reform 136:26 200:1 179:14.16 195:2,3,4 199:19,20,21 requested 139:12 refresh 223:27 remind 180:27 200:1 213:23,25,26,27 223:7 171:6 263:11 266:12 226:11 225:12 226:4,21,22,23 268:3 270:10 refreshing 221:7 253:1,2,3 262:24,25 **remote** 138:6 requester 266:16 Regarded 155:18 267:16,17,18 279:23, remotely 137:10,13 24,26 requesting 196:13 regional 209:1 248:11,17,24 274:5 **removal** 162:16 recording 138:13,16 regular 230:23 179:13,16 162:8,10 requests 166:21 regulated 231:7 removing 247:7 169:18 171:3 244:14 recover 140:15,25 237:22 255:17 265:7,25 266:4,5,19,23 141:14,24 142:14,24 **Repair** 157:18,24 regulates 210:14 267:11 268:21 270:20, 144:7,26 145:22 146:5, 21,25 271:6 272:3,5,11 repeat 165:27 170:10 22 147:11 241:8 248:24 regulation 176:25 273:6,9,12,15 177:28 178:14 179:6 251:26 256:8,14,16 256:2 268:20 185:8 200:26 233:22 require 174:22 209:21, recovering 250:23 243:27 246:13,18 regulatory 199:6 26 247:15 255:3 227:23 228:11 233:14 recovery 206:15 rephrase 188:28 required 173:19 256:6 212:28 215:5 220:6 191:20 228:15 240:11 243:12 222:8,12 247:23 248:8 rehab 248:12,25 246:11 276:22 replaced 153:16 249:5 256:21 277:19 rehabilitation 248:13, 245:21 requirement 185:18 recross 198:24 19 230:6 268:24 report 149:7 157:11 **RECROSS-**158:2 162:26 190:8,13 rejected 243:11 270:16 requirements 161:27 **EXAMINATION** 199:1 194:11 201:4,13 203:9 176:12 199:10 relatable 211:12 221:16 274:20 217:26 218:6 232:18 requires 172:11 259:7 relate 211:10 redirect 194:26 195:6,9 reported 198:1 232:8,9 263:9 268:21 199:16 219:9,16,17 related 179:14 183:21 reporter 139:12 153:27 225:6 272:24,27 277:4 reservoir 275:12,13, 186:16 187:13 192:21 188:9 199:26 231:17

Index: recently..reservoir

20,22,23,27 276:2

248:15

211:12 243:16 247:3

reside 217:27 review 169:2 228:15 **sanctions** 138:23,26 143:17,24 162:15.19 residence 264:9 reviewed 215:6 SCE-03WPPT3 **Santa** 227:5 143:19,26 residences 264:13 reviewing 182:23 203:24 204:19 205:6 **save** 192:6 SCE-03WPPT4 residential 191:24 143:21.28 253:9 271:22.23 revision 243:19 scarce 257:7 259:2 **SCE-04** 144:3,10,11,15 residents 210:19 revisions 243:14 **SCE** 136:1 137:14 217:16 220:10 250:21, 140:4 141:3 142:2,10, **SCE-04WP** 144:18,19 risk 206:14 27 271:17 20 147:18,19 148:12 **SCE-05** 144:22 145:1, **RMSM** 222:27 149:27 151:8 154:12 resolved 179:10,12 2,6,9 152:18 213:14,19 157:17 158:14,20,27 Robert 137:1 139:23 214:7 222:21 159:6,13,19,25 160:2, resources 245:14 148:28 151:15 152:2,6, SCE-05WPPT01 17 163:12,15 169:3,11 respond 238:5 14 153:5 154:3 160:23 173:12,28 174:5 178:18 145:11.14 179:10 181:28 184:23 response 149:13,20 **Roberts** 184:21 SCE-05WPPT02 180:1 216:14 218:26 185:19 188:21 189:4 **Rogers** 155:8 145:13,16 237:15 241:1 247:26 194:2.9.27.28 195:12. 21 197:12,14,18 198:12 260:3 264:21 266:15 Roman 209:15 **SCE-06** 145:18,25,26 274:23 200:15 202:9,14 203:1, SCE-06E 146:1,8,9 room 187:8 6 212:26 217:6 219:9, responsibility 256:26 24 220:6 238:28 239:5, **SCE-06WP** 146:15,16 **Rosalie** 161:3,12,18, 259:19 22 240:9 241:28 243:12 23,26 162:2,7,13 163:5, **SCE-07** 146:19,24,25 246:6 250:23 254:5 rest 228:10 16 180:26 226:15 147:1 256:19 273:27 277:23 restate 187:15 193:1 Rosemead 161:14 278:18 **SCE-07WP** 147:2.3 228:23 257:5 261:15 rough 208:13 **SCE's** 140:10 143:5 265:3 276:13 **SCE-08** 147:7,14,15 163:21 164:4,6 174:4 routine 220:17 251:26 restaurant 190:27 SCE-08WP 147:22,23 201:25 205:9 217:4 191:11 rule 149:28 150:14 220:16 227:15 242:4 **SCE-09** 147:26 148:3,8 159:13 167:1,24 168:13 254:11 256:26 279:1 restaurants 190:21 164:5 177:26 188:18 171:12 172:11 177:6,8, 209:6 211:27 SCE-01 140:11,18,19 restricted 138:24 12,18 263:9,22 266:19 141:5 163:22 208:1 162:17 267:24 268:20 272:2,9 **SCE-10** 148:5,7,8 212:22 215:24 234:10, 164:6 165:26 175:3 restrictions 166:15.16 rules 138:9 165:20 13 238:26 241:12 183:1 184:8 187:27 169:14 174:14 188:12 246:14 250:15 **SCE-01-WP** 200:21 result 138:23 162:15 ruling 235:9 **SCE-10WP-C** 148:11, **SCE-01E** 140:21,27,28 220:5 244:4,8 268:10 14,15 runs 236:16 163:23 279:14 SCE-O1 200:11 **SCE-01WP** 141:6,7 results 145:23 146:6, S 14 173:14 sce.com 238:8 SCE-02 141:10,16,17 142:3 233:23,24,26 **resumed** 226:16 SCE'S 239:1 **safe** 165:14 166:18 170:7,12,14 171:2,8,27 SCE-02E 141:20,26,27 retained 203:2.5.28 schedule 150:7 196:8 242:28 243:3 159:13,20 170:9,19 SCE-02WP 142:6,7 **retool** 248:2 244:5,9 250:28 255:28 172:27 173:1,6,10,23 259:26 269:25 SCE-03 142:10,16,17 return 200:16 205:9,24 174:17 204:7,22 275:10 206:5,11,17,19,24 **safety** 172:6 **SCE-036-JR** 149:14 scope 179:27 191:16 256:9 234:3 237:13 240:21,28 sale 178:13 179:18 SCE-03E 142:20,27,28 revenue 185:17 187:13 241:22 247:18 249:18 180:11 SCE-03WPPT1 143:8, 230:6 277:20 scratch 270:20 **Sample** 157:5,12 22 **Revenues** 175:23 screen 155:25 161:5 SCE-03WPPT2 **San** 218:23,25,28 219:2 167:11,14,16 168:19

Index: reside..screen

CDIUALY 24, 2022			
175:16	246:9,23 247:4,14	similar 183:11 213:20	18 158:2 161:13 163:2,
screens 226:20	250:12,24 251:7 254:23 255:21 256:1 257:2	similar-sized 183:13	5 190:10 207:7 217:2, 22,24 218:9,16,21
screenshots 138:18	261:18,21,22 271:6	similarly 205:17	252:22
162:11	276:9,10	similarly-sized 187:5	speak 179:19 223:18,
searching 278:19	services 191:12 192:28 193:5 194:1	simplify 239:19	22 234:26 241:24 244:20 249:20 258:26
SEC 258:8	201:22,28 205:19	simply 251:9	262:5
secretary 168:9	211:4,7,15 228:8 235:26 250:21 262:2	single 209:19 235:26	speaking 193:17
Section 164:5 175:27 250:2	SESSION 226:1	237:27	special 237:28
sections 163:21 164:3	set 149:14,20 207:18,20	single-family 264:9,13	specific 172:12 190:4
234:12	severe 273:21	sit 223:12	194:6,9 195:16 222:14, 15 223:12 236:18
Sediment 157:5,11	share 167:10 196:2	situation 266:28	242:20
seek 197:18,21	226:19	size 176:1,13,19,26 177:10,16	specifically 167:3 171:1 174:22 176:19
seeking 247:23 265:12 278:15	shared 139:4 162:5 273:3	sizes 183:7 188:2	177:6,14 178:27 190:14
	shareholders 205:9,	skip 201:7	213:6 217:25 236:15 244:26 247:22
segment 206:27,28 207:1,5	18,23 206:4	slated 223:17 234:25	specifics 241:27
selecting 208:28	sharing 167:11 223:19	Slight 152:8	249:21
sense 186:21 217:14	224:1,8 252:27	slipped 153:15	speculate 254:10
sentence 203:4 211:28 214:17 216:6 246:7	sheet 167:23 168:7,10 171:22 173:9	small 192:12 251:5 257:11	255:12 258:5 259:2 271:18
separate 201:18 202:5,	short 180:15 219:13 246:7	smaller 186:13 217:11,	speculation 191:15
7,17,20,25 203:1	shortly 240:18 244:18	13	spell 136:6,16,27
206:27 207:18 216:23 235:18,19,22,24	_	smart 192:15 sole 172:16 173:13	spelled 174:16
237:10,20,21 247:21	show 234:16 236:1		spent 232:14 247:7
279:6	showing 183:6 185:1 204:7,21	174:1 195:12,16 242:11	sponsor 251:19
separating 196:10	shown 183:12 215:19	solely 205:19 250:24	sponsored 163:24 233:27,28
series 215:10	shows 195:26 203:27	solemnly 161:19	sponsoring 163:17,21
serve 173:17 174:13, 16,24,26 195:19,25 251:10 257:11 262:7	209:15,18 215:10 218:6 253:14,24 260:19	solution 220:15 252:12,14	164:3 191:27 234:9
served 140:4 217:1,6,7,	Shredded 156:27	someone's 274:10	spread 186:4 193:13 220:18 257:10
16,17 265:2	sic 233:3 260:20	sort 140:8 216:20 220:25 238:11 242:16	spreadsheet 155:27
service 149:28 165:14,	side 214:24	277:20,22,23 278:17,26	square 271:3
22 166:6 168:28 172:21 174:2,11 177:20	signal 261:24	sought 251:22,24	staff 181:28 182:5,8,11,
189:15,19,24,25,26,28	significant 169:20	sound 151:22	13
190:23,24 192:26 193:7,12,15,18,23,27	185:20 186:6,8,20 215:2 219:26 220:13 244:11 245:16 254:18	sounds 234:2	stage 275:14,17,18
195:28 196:26 197:2,5,		sourced 245:25	276:8,9,14,20 Stagod 230:2
7,19,23 199:12 205:13, 15 206:8,9 208:16	257:24 273:25	Southern 140:12,22	Staged 239:2
211:11 212:7 216:4,11 217:3 232:6 235:15,16 236:6,7,10,11,19 237:6	significantly 185:25 186:11 240:1 244:9 257:13 258:8 279:14	141:4,11,21 142:21 144:4,23 145:19 146:2, 13,19 147:6,8,27 148:6,	stages 167:3 168:21 275:9

Index: screens..stages

stakeholder 212:10 213:9 214:11 219:19 220:3,5,24 221:19 222:2 stakeholders 212:2,4 214:25 219:21 220:4,26 222:6 **stand** 161:4 163:16 223:17 226:16 standard 150:21 175:8, 15,19,21,27 176:11,18, 28 197:6,11,22 268:24 standing 235:2 **stands** 223:2,8 224:3 **start** 200:10 260:15 275:1 276:19 **started** 219:14 245:2 246:4 255:15 274:23, 25,26 275:2 **starting** 137:14 140:10 151:28 153:4 200:13 208:5,25 210:13,24 211:27 215:28 239:13 244:20 245:1 260:11 **starts** 208:1,12 263:15 state 161:19 167:25 173:11,15 175:8 178:4 184:9,24 186:24 189:2 198:8 202:6,11 218:5 228:14 272:2 274:26 **stated** 137:9 176:28 177:10 180:28 181:10 187:26 198:7 200:2 182:5

220:7 254:15 256:12

statement 181:7
200:14 229:18,19,21,25
230:17,18 231:19 262:3

statements 139:7
182:5

states 171:23 202:3,12
204:14 205:1 216:7
252:11 256:7 263:26

stations 170:24

status 230:10,11

statute 256:3 268:20

Stay 235:11
steering 152:23
steps 198:14 244:28
245:12,16,18 246:1
stewards 220:11
stock 204:10,25 205:18
stood 278:8
stop 240:18
storage 169:24
Strategies 227:16
strike 143:12 203:10
240:27 275:8 277:6,12
strong 228:16
study 190:4 194:5

216:16 217:20 243:7 **subject** 170:15 180:27
 222:17 227:22 228:18 **submit** 266:7

submitted 169:1 181:14 **subsequent** 239:23

265:20

subsidization 193:16 255:6 278:27

subsidize 189:12 194:1 254:17

subsidy 251:24 253:11,13,20,24

substantial 172:6 174:12 241:8 248:11, 17,23

substantiated 171:18

successful 179:18

sufficient 262:8 268:11 270:17

suite 221:3 suited 241:26

summarize 169:7

Summarize 169:7 **Summary** 214:11

summer 253:19

Sung 136:3 139:6,8

148:20 151:9 154:13 160:18 163:14 164:24 179:25 188:7,26 191:14,25 192:18 195:1,7,8,10 198:21 199:16,17 205:27 219:10,13,18 220:20 223:16 224:2 225:6,7 233:25 234:8,14,15,24 237:12 239:18 240:20 241:13,21 247:17 249:17 259:28 260:6 261:4 262:17 263:6 264:15,18 272:24,25,28 274:16 277:4,5

Sung's 274:23 superseded 153:8

supervise 231:22

supervised 232:24 255:17

supplemental 147:7, 19,27 164:4 177:26 188:17 209:7 252:4

supplementing 223:7

supplied 185:17

supplies 165:18

supply 165:19 169:24 171:7 173:3,25 239:8, 14,24 240:2 242:11 243:16 244:12,13 262:8 267:1,8 268:10 269:5, 11,15 270:11,18 275:16,19 276:2

support 143:5 144:15 145:6,9 146:12 147:1, 19 200:20 213:14 233:10,13,15

supporting 140:12,22 141:11,21 142:11,21 144:4,23 145:19 146:2, 19 147:8 156:8 251:8

surcharges 211:13

surplus 169:25 170:4 171:20 172:15,23 173:14,18,21 174:12 196:10,14

sworn 163:6,11

SWY 170:9,19

system 166:7 169:23 170:3,23 185:20 194:8 196:14,16 221:7 244:25 257:10

Index: stakeholder..test

system-wide 206:6 **systems** 186:4 196:11

Т

tab 237:10,28 table 163:25 164:7 183:5,12,17 184:20 185:10,16 187:27,28 203:18 204:9,10,13,24, 25,28 209:15,18,23 210:3 214:14,22 215:8,

20 222:23 260:25 **tables** 183:19 188:10

tabs 238:10

takes 251:10 277:23,28

taking 187:10 195:27 245:1 246:2 279:7

talked 259:8

talking 184:28 230:14 258:11,12

tamper 162:25

tank 156:21 157:5,11, 18,24 248:3,13,20,21, 26 249:11 259:9,24

tariff 149:27 166:15 167:1,24 168:13 171:12 174:19

tariffs 174:16 195:17 **taxes** 144:9.16 211:12

teleconference 138:18

tenuous 242:2

terminology 197:6

terms 261:11

terrain 186:5 257:9,10 258:13,24

territory 205:14 206:8 216:4,11 217:5 228:9

test 151:22 240:24

February 24, 2022 testified 163:6 226:16 247:6 testify 161:24 166:4 testifying 161:28 testimony 138:3 140:12,22 141:5,11,21 142:11,21 144:3,23 145:19 146:1,2,19 147:8,27 148:5 152:2,6 153:8,16 155:7,20 156:8 161:20 162:25 163:1,18,22,23,28 164:4,6,13,16,19 165:25 175:1,25 176:22 177:26 179:9 184:8 188:18.27 191:16 200:11.21 207:28 208:1 209:7 212:22 215:24 218:3 224:25 231:6 233:27 234:4,21 235:3, 11 237:14 240:22 241:12,23 242:19,22 247:19 248:27 249:19 251:18,19 252:5,11,20 253:8,12 260:1,7 264:19,24 269:9 277:8, 18 testing 170:24 245:21 text 162:21 197:10 thing 258:18 things 213:5 242:17 246:10 271:13 278:1 thinking 265:28 **Thomas** 151:20,21 **Thompson** 275:11,13, 20,27 threshold 276:19 tiled 142:10 time 164:14 166:19 167:7 169:22 170:2,21 171:10 181:26 186:18 194:22 219:7 221:2,26,

279:13

279:9

timeframe 180:10

timeline 272:19 timely 259:16 times 187:1 timing 265:11 title 175:18,20 titled 141:10,20 142:2, 21 144:22 145:18 146:1,12,19,28 147:7, 18,26 148:5,12 149:7, 13,20,27 150:7,14,20, 27 152:1,5,28 156:14, 20,26 157:4,10,23 158:7,20,27 159:6,13, 19,25 160:2,8 today 220:16 223:13 225:12 258:6,28 259:1, 4,6 272:19 279:20,27 today's 136:1,11,21 137:4 154:23 tomorrow 223:17 279:27 tools 277:24 top 196:6 topics 165:10 177:24 215:15 total 170:6,12,13 279:8 **totality** 205:10 tourism 186:8,18 209:1 219:28 251:8 257:14,20 tourist 216:27,28 tourists 189:27 190:3, 6,9,18,24 192:10,14 208:15 210:19 216:9 217:27 **Toy** 136:4,9,13,20,24 137:3,6,16,18,20,22,25 139:9,11,14,17,21,25, 28 140:21 141:2,9,19 142:1,9,19 143:2,15 144:2,13,21 145:4,18, 27 224:27 232:13,14 28 146:11,18,27 147:5, 236:16 247:12 249:3 17,25 148:10,17,21,24, 258:19 259:20 260:28 27 149:2,11,18,25 265:14 270:2,6 271:12 150:5,12,18,26 151:4,8, 11,14,17,25,27 152:25

156:2,13,19,25 157:3,9, 16,22,28 158:6,13,19, 26 159:5,12,18,24 160:1,7,13,17,19,22,25 161:2,9,16 162:28 163:4,8,10 164:26 165:1 167:15,20,25 168:1,4 179:28 180:17, 21,23 188:14 191:17 192:3,20 194:15,17,25 195:2,4 198:23,27 199:15,18,21,27 200:7 213:24,27 219:8,11,15 220:22 221:5,13 223:14,24 225:6,8 226:4,21,23 231:18 234:12,18 235:4,10 237:15,24 238:3 239:19 241:1 242:3,13 247:26 248:7 249:24.27 251:11,15 252:25 253:1,3 258:21 260:2 261:6 262:14,22,25 264:21 267:13,16,18 272:23,26 274:18 277:3,11,15 279:19,23, tracked 202:14,15 247:20 279:6 transfer 278:28 transmission 207:14, 18.23 transport 210:27 treated 217:21 **true** 166:10 168:12

169:23,25 170:3 207:3 275:7 truth 161:21,22

turn 137:2,4,20 148:27 151:14 152:14,28 153:4,6 154:4,5 160:22 165:24 172:8 174:28 177:25 183:1 200:9,10, 19,22 207:28 209:5 210:4 212:21 222:26 223:23 250:15

TURN-01 152:1,3,5 153:13,22,25,28 TURN-01-E 152:7

TURN's 151:28

TURN-01E 153:12,21, 24 154:1.8

TURN-02 152:10,15,28 153:1 154:9 213:18 214:5 222:20

turning 171:21 176:5 177:11 215:7 263:3

Twenty-four 260:22

type 193:23,27

types 177:18

typically 193:26 230:17

U

U-25-W 150:21 175:9, 15,19 176:11

ultimate 170:23 220:14

ultimately 169:8 182:20 192:9 196:20 222:8 228:18 243:18 273:9

unable 166:14 189:15 250:22 256:15

unaware 224:26

underlying 189:3

underneath 229:12

understand 138:16,22 152:11 162:9,14 182:4, 10 187:6 205:17 209:17,24 224:16,20 246:12,26,28 258:7 270:3

understanding

176:23,27 181:13,22 182:17 197:7,28 198:3, 4 202:13 203:22 204:18,20 205:4,7,8,11 207:22 211:2,21,22 212:13 216:13.25 217:19,26 218:18,22, 24,27 221:9 222:13 235:21 243:14,25 265:11 268:8 271:8 273:14

understandings 221:2

153:23,28 154:11,15,

18,21,27 155:11,21,27

unfairly 247:1 261:2 278:5 159:7 165:13,19,20 **West** 196:12 166:6,11,14,15,17 unique 193:28 194:2 utility's 205:10 whatsoever 261:2,25 167:4 168:20,27 169:3, 275:24 unit 150:28 201:26,27 **utilized** 199:24 23,24,28 170:8,13,17, wide 205:25 18,25 171:10,20,24,26 units 264:8 271:22,23 utilizes 277:23 172:16,21,27 173:3,11, winter 253:19 unjust 250:4 28 174:17 175:10,23 V 178:6,20,28 179:11,20 wishes 223:23 268:28 unlawful 250:5 180:6,11,16 183:6,11, withdraw 260:8 **unmuted** 198:26 14,18,20,21,24,26,27 vague 205:28 184:3,9,13,15,23,26,28 witness's 188:27 unreasonable 195:22, valid 245:23 185:11,12,14,17 186:4, 24 250:4 witnesses 138:6,11 10,23,28 187:3,4,8,14, version 153:8,9,12,16 22,24 188:2,22,24 unsafe 259:27 wondering 240:25 versus 184:3 217:16 189:5,7,11,19,23,25,26 unsure 211:25 235:28 **work** 178:20 179:14 190:19,22,26,28 191:1, vetting 244:19 227:10 232:4,16 237:4 6 192:10,13 193:19,21 untenable 250:26 Vicki 155:8 194:8 195:13 196:23 workers 251:7 unusual 238:15,17 197:18,26 198:2,5,8,13 **Victor** 139:13 working 182:9 198:12 199:7 200:16 201:2,17, upcoming 214:28 227:7 views 164:1 20,21 202:4,16,18,25 updated 279:2 204:2 205:15,19 206:9, workpapers 141:4 violation 138:22 14,21,26 208:8 213:1 **updates** 265:12 142:3 143:4 144:14 156:15 162:14 217:8 222:10 223:11 145:6,9 146:12 147:1, upheld 166:5 172:22 virtually 227:2 224:9 227:3 228:17,25 18 148:12 152:17,18 229:2,4,6,10,28 230:7, **uphold** 174:13 191:17 200:20,23 202:23 visit 190:18 192:10 22 231:3,7,11 232:5,7, 213:14,19 214:6 222:21 usage 192:13 257:20 visitor 208:6 209:11 15,23,27 233:9 234:23 Works 183:27 245:9 235:18 236:8,15 users 246:8,23 247:14 visitors 186:12 190:15 237:10,18,22 238:1,9 worth 278:28 208:27 216:3 218:6,7 utilities 175:23 179:20, 239:3.6.9.14.23 240:2 WP-SCE-05-PT01 23 183:7,14 187:6 242:10,11,28 244:6,25, visual 138:19 162:11 188:1,24 189:8,11,18 153:1 27 245:8,10,13,25 volume 152:16 201:2 217:11 228:17 246:9,23 247:14 **WPSCE-01** 141:3 231:7,27 250:2 256:7, 250:10,21,22,24 251:1, WPSCE-02 142:2 13 28 253:17 255:16 W 256:21,27 257:2,3,7,10 WPSCE-03PT01 utility 136:25 140:15,25 258:2,3,27 259:2,18,19 wait 196:24 244:21 141:14,24 142:14,24 143:3 261:1,9,10,14,18,26 144:7,26 145:22 146:5, 249:25 267:3 WPSCE-03PT02 262:2,6,8 263:4,12,24 22 147:11 165:13 wait-list 263:14 264:4 143:3 264:1,12 266:26 267:1, 175:10 176:12,19 8,24 268:5,10,11,15 **waited** 243:8 WPSCE-03PT03 177:15 178:7,21 179:11 269:5,6,11,15,16,19,26 180:7,11 183:14 143:3 waiting 274:11 270:11,17,20,21,22 185:11,18 188:23 WPSCE-03PT04 271:19 272:5 273:15 189:19 193:5,20 194:3 waitlist 265:18 267:6 274:1.3 275:12.20.24. 143:4 197:10,13,16 199:8,11 268:17 270:12 271:9,12 28 276:2 278:4,19 200:1,17 201:22,28 **WPSCE-03PT2** 143:10 wanted 254:5 202:18 203:14 204:2 water-modeling 243:7 WPSCE-04 144:14 205:15,19 206:9,14,21, **wanting** 178:21 water-only 189:8 26 207:19,21 208:8 WPSCE-05PT01 water 140:14,15,24,25 212:15 213:1 223:11 webex 138:4,7,17 145:5 141:13,14,23,24 229:3,10 231:3 232:7, 162:10 241:19 WPSCE-05PT02 142:13,14,24,25 144:6, 16,27 233:9 242:11 website 237:9,27 238:8 7,25,26 145:21,22 145:8 250:10 251:28 255:15, 146:4,5,22,23 147:10, 16 256:4,21 257:27 Wednesday 192:1 **WPSCE-06** 146:12

Index: unfairly..WPSCE-06

11 150:7,28 158:21,28

258:1,2,10 259:19

Index: WPSCE-07..yield February 24, 2022 WPSCE-07 146:28 WPSCE-08 147:18 **wrap** 179:6 writing 266:7 written 163:18 Χ **X-04** 172:26 Υ **year** 145:24 146:7 184:14 186:12 198:18, 19 208:14 209:19 213:1 228:22,27 229:1 236:18 238:24 240:8,24 244:5, 11 245:12,17 246:5 253:22,23,25,26 255:23 263:7,20 264:1 278:7 year's 258:8 **years** 198:3,15,16 209:26 227:10,21 228:7 239:7 242:7 243:6,8 245:1 255:19,25,26 259:27 261:3 279:9 yield 150:8 166:18 170:7,14 171:2,8,27 172:28 174:17 196:8 242:28 243:1,4 244:6,9 269:25,26