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# LEC PPC Meeting Minutes

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**Date:** March 31, 2021

**Time:** 10:00 am

**Location:** 651 Commerce Drive, Roseville, CA or by teleconference

**Subject:** Lodi Energy Center Project Participant Committee Meeting

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## 1. Review Safety Procedures

The PPC reviewed the NCPA Safety Procedures and assigned safety roles.

## 2. Call Meeting to Order and Roll Call

The PPC meeting was called to order at 10:02 am by Chairman Basil Wong. He asked that roll be called for the Project Participants as listed below.

<b>PPC Meeting Attendance Summary</b>		
<b>Participant</b>	<b>Attendance</b>	<b>Particulars / GES</b>
Azusa - Robledo	Present	2.7857%
BART - Lloyd	Absent	6.6000%
Biggs - Sorenson	Present	0.2679%
CDWR - Sharma	Present	33.5000%
Gridley - Sanchez	Present	1.9643%
Healdsburg - Crowley	Present	1.6428%
Lodi - Chiang	Present	9.5000%
Lompoc - Berry	Present	2.0357%
MID - Costalupes	Present	10.7143%
Plumas-Sierra - Brozo	Absent	0.7857%
PWRPA - Bradley	Present	2.6679%
SVP - Wong	Present	25.7500%
Ukiah - Grandi	Absent	1.7857%
<b>Summary</b>		
Present	10	90.8286%
Absent	3	9.1714%
Quorum by #:	Yes	
Quorum by GES:	Yes	
Meeting Date:	March 31, 2021	

## **Public Forum**

Chairman Wong asked if any members of the public were present in Lodi or at any of the other noticed meeting locations who would like to address the PPC on any agenda items or on any item within the jurisdiction of the LEC PPC and not listed on the agenda. No members of the public were present.

## **Informational/Discussion Items**

### **3. BV Hydrogen Feasibility Study**

Joel introduced Jonathan Cristiani from Black & Veatch. Joel presented some background regarding the study, including background on Hydrogen Opportunity and NCPA's partnership with APPA for development of the study.

The Hydrogen Feasibility Study completed by Black & Veatch was reviewed by Jonathan Cristiani. There was a discussion regarding energy pricing, including how Black & Veatch estimated the wholesale pricing used in the study. Additional background on pricing calculations used is available in the full Feasibility Study. Members expressed concerns about what would be done with excess hydrogen if it was not being used by the plant. Jonathan and Joel both explained that alternative-use scenarios were not factored into the Feasibility Study; Black & Veatch's objective with this study was purely to focus on an energy storage application (producing, storing, and utilizing hydrogen energy at Lodi Energy Center, and what the economics of that would be).

Prior to presenting the five scenarios in the final feasibility analysis, Jonathan gave background on the economic modeling process. Main variables used in modeling were: lower capital costs, sharing of available REC credits, and oxygen sales. All scenarios presented were designed around varying one, two, or all three of those variables to achieve parity. Members had questions regarding value used for RECs in the calculations for each scenario; Jonathan stated he would get that information for the Committee.

Concluding the presentation, Joel summarized technology feasibility, storage studies currently underway in the U.S., policy considerations to consider prior to moving forward with Hydrogen (including how REC incentives could factor in), and potential Federal and State grant opportunities available for further exploration of Hydrogen technology.

## **Adjournment**

The next regular meeting of the PPC is scheduled for Monday, April 12, 2021 at 10:00 am.

The meeting was adjourned at 11:28 am.

Submitted by: MICHELLE SCHELLENTRAGER