

San Jose Clean Energy Community Advisory Commission

Commissioner Note for November 12, 2019 Commission Meeting Agenda Item: Discussion of VI.C – Received Briefing on 2020 Power Mix

Dear CECAC and Staff,

Please see the following summary of PG&E and SJCE energy sources for the latest reported periods in advance of our Commission meeting.

Power Mix Comparison:

| | PG&E 2018 | SJCE 2019 | SJCE Notes |
|-------------|-----------|-----------|---|
| Renewables | 38.9% | 45% | 6.1% better but, not minimum 10% better per Council requirement |
| Carbon Free | 85.1 | 80% | 5.1% worse |

For an additional reference, Silicon Valley Clean Energy is 50% Renewable and 100% Carbon Free, with a 4% discount (compared to 1% discount for SJCE.)

PG&E 2018 Documented Energy Mix

By the end of 2018, 38.9 percent of the electricity that we delivered to customers came from [RPS-eligible](#) resources.

PG&E's 2018 Electric Power Mix Delivered to Retail Customers¹

| | |
|--|-------|
| Eligible Renewable (see accompanying breakdown) | 38.9% |
| Natural Gas | 14.9% |
| Nuclear | 33.5% |
| Large Hydroelectric | 12.7% |
| Coal ² | 0% |
| Other ³ | 0% |
| Unspecified Power ⁴ | 0% |

1. Numbers may not add up to 100 due to rounding.¹

2. Refers to PG&E electricity generated under contracts with third parties.²

3. Includes diesel oil and petroleum coke (a waste byproduct of oil refining).³

4. Refers to electricity from transactions that are not traceable to specific generation sources.⁴

Breakdown: Composition of PG&E's 2018 Total Eligible Renewable Resources¹

| | |
|------------------------|-------|
| Solar | 18.2% |
| Wind | 10.0% |
| Geothermal | 3.7% |
| Biomass and Waste | 4.3% |
| Eligible Hydroelectric | 2.7% |

SJCE Documented 2019 Energy Mix

