The Price is Right? How Pricing and Incentive Mechanisms in California Incentivize Building Distributed Hybrid Solar and Energy-Storage Systems

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osh ans an D nhd

2.3. Model Formulation

ur o i s or ui at as

a $\mathbf{C}^{C}\boldsymbol{\xi}^{S} \quad \sum_{t \square T} \mathbf{r}_{t}\mathbf{P}_{t}^{N}$

prov s a apa t va u ξ^{PV}

ab e F nanc a Cases at Are Exa ned n ect on

Cas	En r r s	Coup n I C
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ta l F l	ta l	F l o
nd sa rorat	nd sa	rorat rorat
ta l rorat	ta l	rorat rorat
nd sa ht	nd sa	ht Y s
ta l ht	ta l	ht Y s

pro ts a on t h att r t h nd o s t h at w ons r s u t h pa t o us n ot h r n r stora t h nd o s s su ar n t on h ur s h ows t h at sd ar output p a s n t h l o t h a ut s not o n nt w t h t h p a n n r pr s w h h o ur l at r n t h v n n As su h t h att r s us to stor ost o t h n r t h at s pro u t h arra w h h s sd a to t h pow r s st

a vast r nt ann r n t/n Bas an ta\ F\ \ Cas s o par

ab e Opt a Con urat ons and Pro ts of Hybr d Ener y yste s t B Ener y tora e n Mo ave

	Con urat on	Annua ro t	p rat n	ro t
Cas				

ab e Opt a Con urat ons Pro ts and Operat ons of Hybr d Ener y yste s t B Ener y tora e n Los An e es w t Capac ty Pay ents

Cas	Con urat on I	B^P	B^E	Annua ro t thousan	Capa t a u o Batt r
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ta F	.				.
d sa rorat	.			.	.
ta rorat	.			.	.
d sa t	.			.	.
ta t	.				.

5.2. Battery Technology

a su ar s th opt a on urat ons pro ts an op rat ons o th h r n r s st s that ar u t n os An s us n r nt att r t hnd o s as w a

nv stor to s a n r n r s st How v r our nt r st s n

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upon r va n tar s ns an n nt v han s s o o at oa an a t th opt a s n an

Den o P E c an J Mar o s Au ust F Eva uat n t e ec n ca and Econo c Perfor ance of P P us tora e
Power P ants ec ep N EL P A F Nat ona enewab e Ener y Laboratory Go den CO
Den o P O Conne M Br n an G Jor enson J Nove ber F Over enerat on fro o ar Ener y n Ca forn a A

Z u D an Y C an N Pedra M Marc F Opt a Des n and Mana e ent of a art es dent a P
and Ener y tora e yste In F Des n Auto at on est n Europe Conference Ex b t on Inst tute of E ectr ca
and E ectron cs En neers Dresden Ger any