



California ISO  
Your Link to Power

Transmission  
Chickens  
and  
Alternative  
Energy Eggs

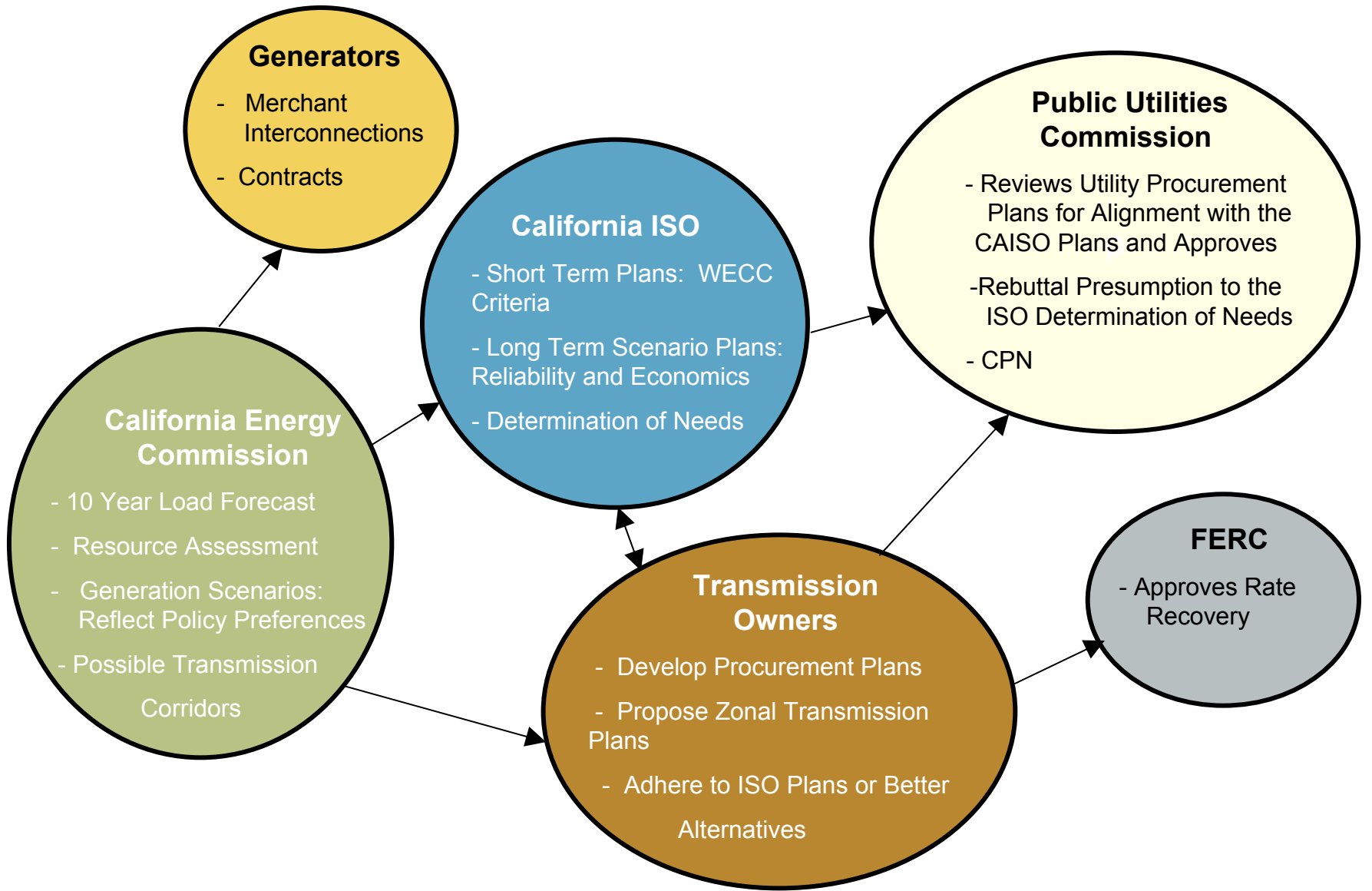


March 15- 16, 2007

HEPG  
Laguna Beach, California

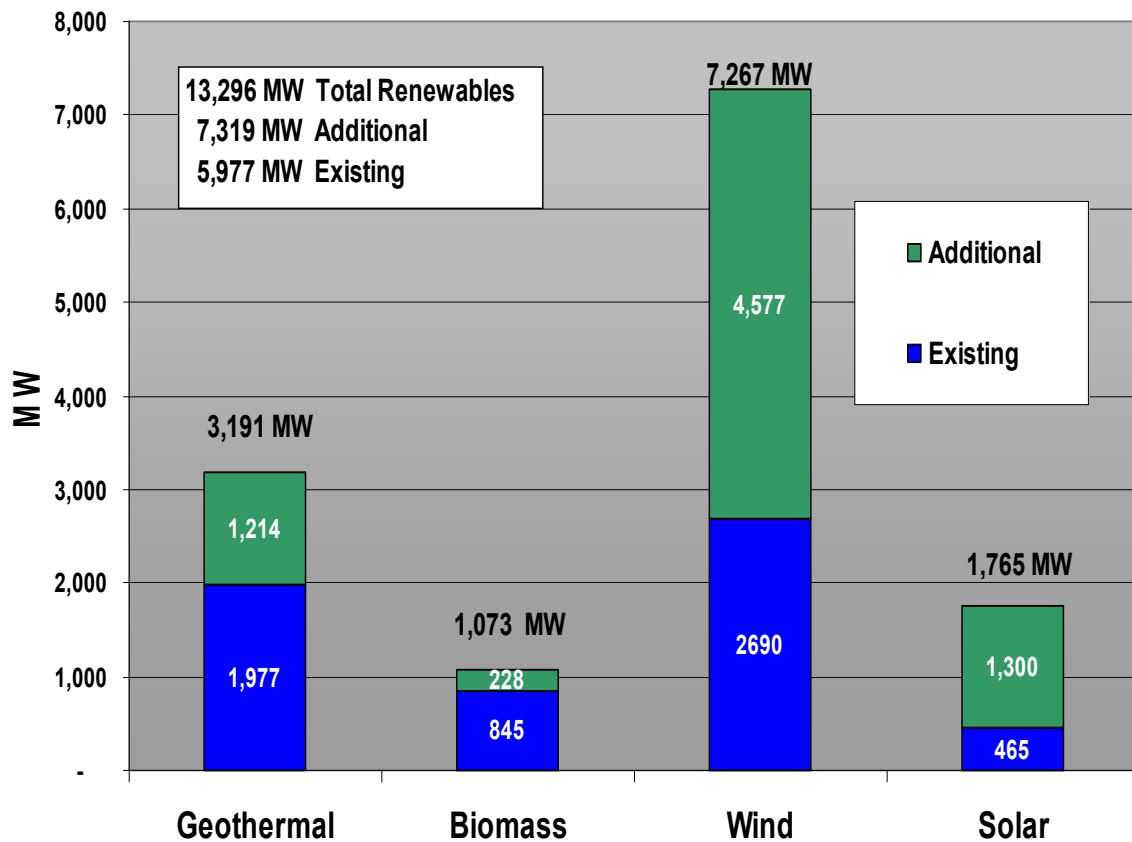
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# THE NEW TRANSMISSION PLANNING PROCESS / STREAMLINING



**FILLING THE HOLE.....  
RESPONDING TO THE UNIQUE NEEDS OF INTERMITTENT RESOURCES  
LIKE WIND & SOLAR GENERATORS**

**Existing California Renewable Generation  
and Possible Additions to meet the 20% RPS Goal by 2010\***



By 2010, projections are that more wind-powered resources will be built than any other renewable resource. Historically, wind resources have a low "capacity factor." Further development of demand-response resources may help, however the integration of demand resources has its own set of challenges. Meanwhile, load continues to grow and congestion patterns continue to shift.








### Common Challenges

- Far and large footprint
- Scattered in ownership and time
- First come, First ~~serve~~, Nail

### The Solution: Filed a Declaratory Order

- Re-defines discrimination
- Establishes criteria, “build and the other half will come”
- Generators pay pro-rata share as they come
- Financing versus Funding
- Remove the barriers as we go

## ELIGIBILITY CRITERIA FOR TRANSMISSION PROJECTS

-  A non-network facility
-  Facilitate access to an area with a significant source of non-transportable energy
-  Turned over to CAISO control
-  Serve multiple power plants fueled by non-transportable energy source
-  Cost effective
-  Each project not to increase the TAC rates by more than 5% on average over 10-years
-  Able to demonstrate adequate commercial interest