

WORKING WITHIN THE EXISTING HAWAI'I REGULATORY FRAMEWORKS FOR THE DEVELOPMENT OF RENEWABLE ENERGY

KEY TOPICS

- **Planning Solutions, Inc. (PSI)
Experience & Capabilities.**
- **Hawai'i's Regulatory
Framework**
- **PSI's Approach**
- **Comments on “Streamlining”**

PLANNING SOLUTIONS (PSI) EXPERIENCE & CAPABILITIES

PSI ENERGY EXPERIENCE



HPower



KIUC Kapaia

- **KIUC Kapaia**

- **HECO CIP**

- **MECO Ma`alaea**



HECO CIP

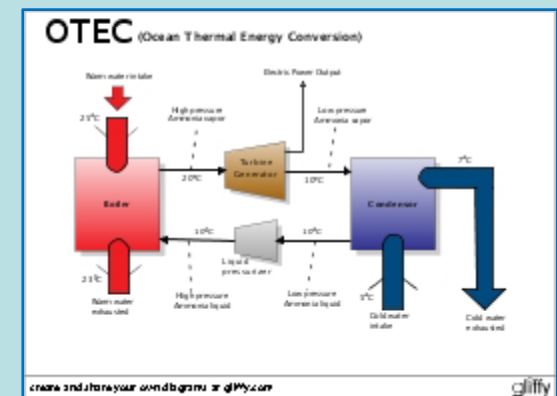


Geothermal Energy, Puna

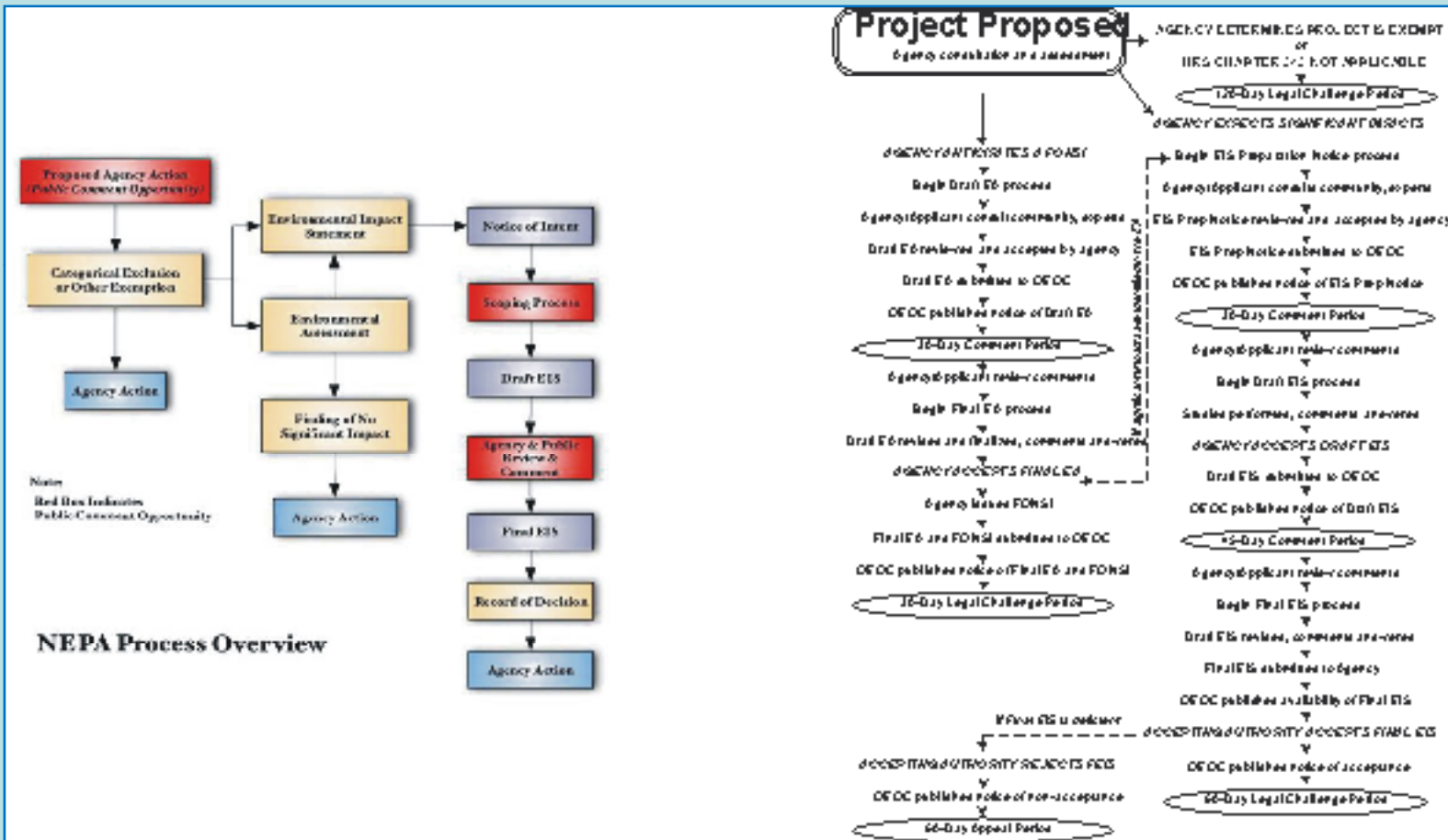
PSI RECENT RENEWABLE ENERGY EXPERIENCE



- Wind Generation
- Wave Generation
- Bio-diesel
- Garbage to Energy
- OTEC



HAWAII'S REGULATORY REGIME (e.g., NEPA vs. Ch 343)



KEY LAND USE APPROVALS (Not Comprehensive)

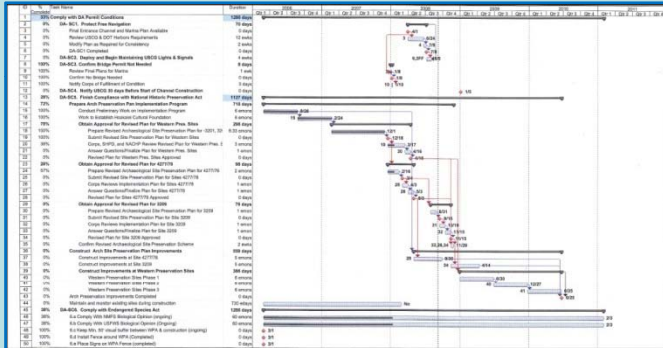
Potential Impacts	County Approvals	State Approvals	Federal Approvals
County Land	Building & Use	Special Use, Noise Variance	NPDES NOI-C
Onshore Conservation Land		CDUP, Noise Variance	NPDES NOI-C
Terrestrial Aquatic Systems		SCAP	DA, WQC, FERC
Ocean Shoreline	SMP, SSV		NPDES NOI-C
Offshore State Land		CDUP, Land Lease	DA, WQC, FERC
Offshore Federal Land			DA, WQC, FERC, NOAA, MMS
Air Emissions			Air Permit
Water Discharges			NPDES

Source: Compiled by Planning Solutions, Inc. NOT A COMPREHENSIVE LIST

PSI'S GENERAL APPROACH TO PERMITTING IN HAWAII

COMMON SENSE COMPONENTS OF PERMITTING

• PROPER PHASING



• COMMUNICATION



SUMMARY

- **Hawai‘i’s Regulatory Framework works**
- **Use Common Sense & Patience**
- **Cautions on “Streamlining”**