



Fleet Energy Training Forum

Vision, Strategy and Guidance

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ENERGY READINESS KILL CHAIN



MEANS

- Personnel
- Equipment
- Training and Tools
- Policy / Lessons Learned
- Community / Industry
- Installations
- Elected Officials

WAYS

ENERGY
POLICY
AND
TARGETS

NEW ENERGY
SYSTEMS
AND
TECHNOLOGIES

ENERGY
BEHAVIORAL
/CULTURE
CHANGE

ENDS

F RTP
MAINT BASIC INTEGRATED DEPLOY & SUSTAIN

Assess

Weapon Systems

- SURFACE
- AVIATION
- SUBMARINES
- NECC
- MSC

DELIVER
Energy Conservation
Guidance, Systems,
Training, and Oversight

EMBRACE
Energy-Efficient
Habits and
Practices

EXECUTE
Energy-Conscious
Operations

SECNAV & OPNAV PROVIDE POLICY, TECHNOLOGY, AND RESOURCES

USFF TRAINS, CERTIFIES AND EQUIPS COMBAT-READY FORCES

TYCOMS LEAD THE ENERGY CULTURE CHANGE

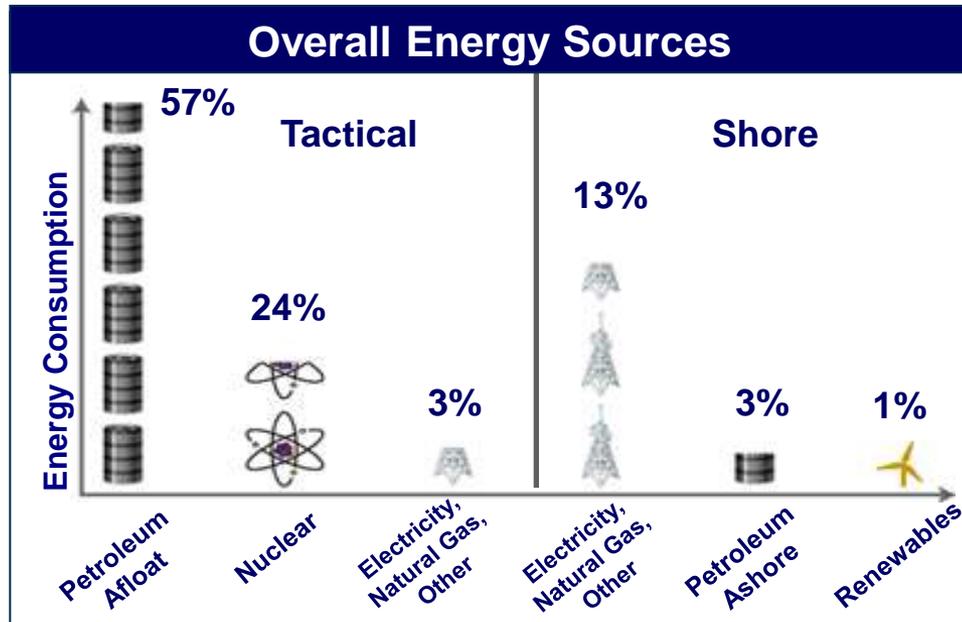
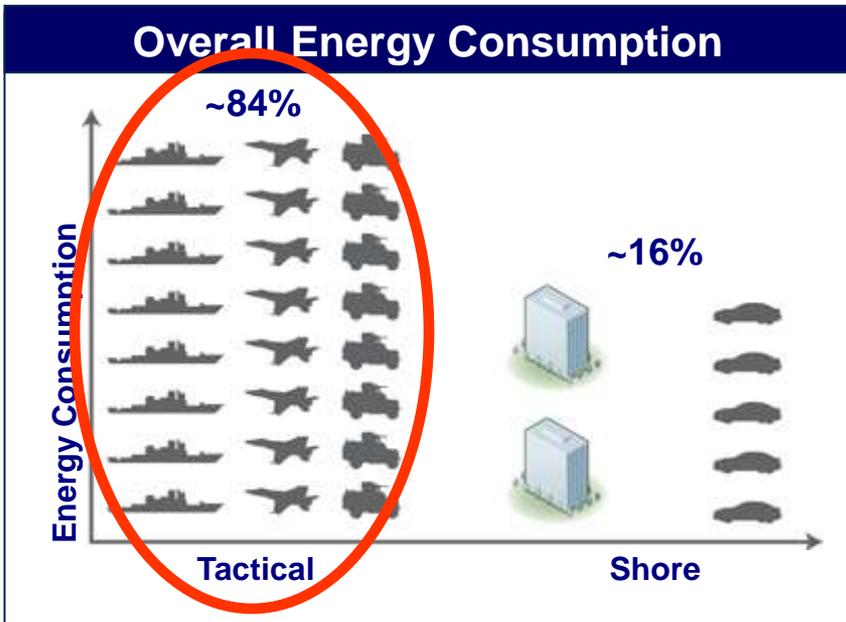
SYSCOMS SUPPORT THE TYCOMS

UNITS MAKE THE DIFFERENCE

RKC IS A TEAM SPORT: SAVE ENERGY UNLESS YOU CAN'T!

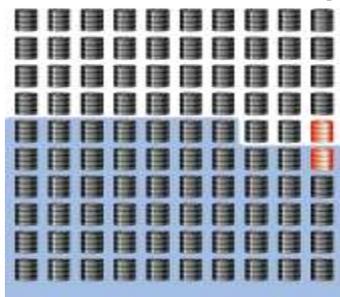


Navy Energy Challenge



Navy Petroleum Consumption in Perspective

U.S. Petroleum Consumption



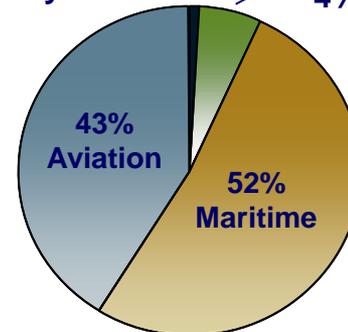
U.S. Gov't
(2% of U.S.)



1% Expeditionary

4% Shore

Navy
(22% of DoD)



Non-Domestic Sources

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Historical Fuel Rates, FY04-FY13

Combined USFF-CPF



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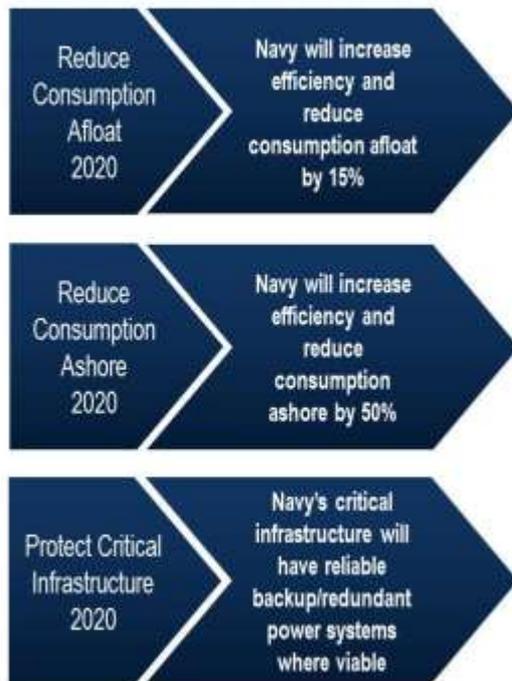


US Navy Energy Goals

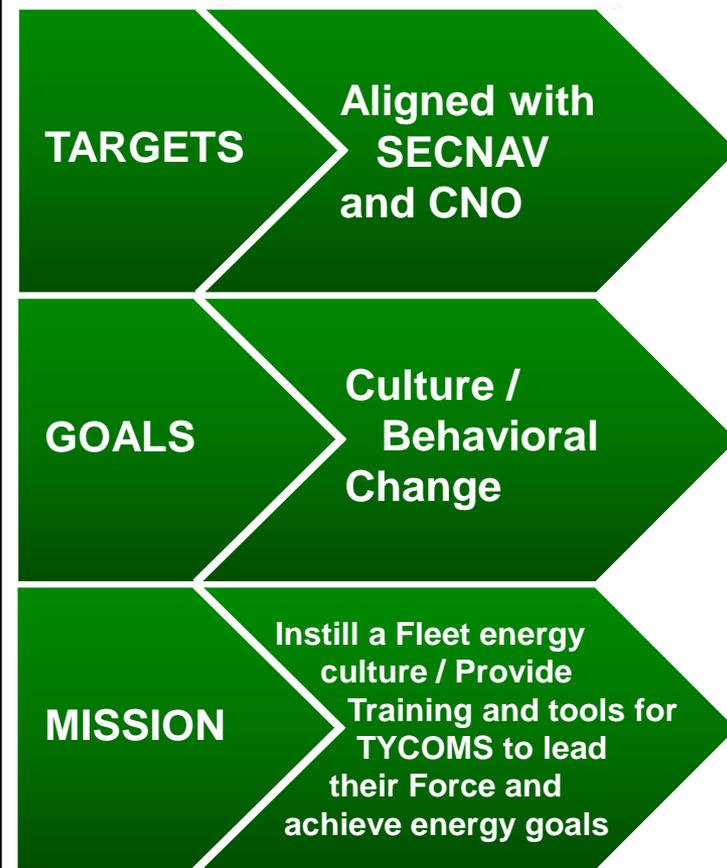
SECNAV TARGETS



CNO TARGETS



USFF GUIDANCE



ENERGY SECURITY ... MORE CAPABLE FORCES ... INCREASED RELIABILITY

UNCLASSIFIED



CUSFF Vision and Strategy

• Fleet Vision

– Use the least amount of energy required thereby:

- Increasing operational range / time on station
- Reducing logistical vulnerabilities
- Conserving resources for other priorities

• Fleet Strategy

- Provide vision and guidance
- Provide tools, resources and incentives
- Measure progress / provide feedback
- Recognize good behavior
- Identify and correct over-consumption

USFF Guidance



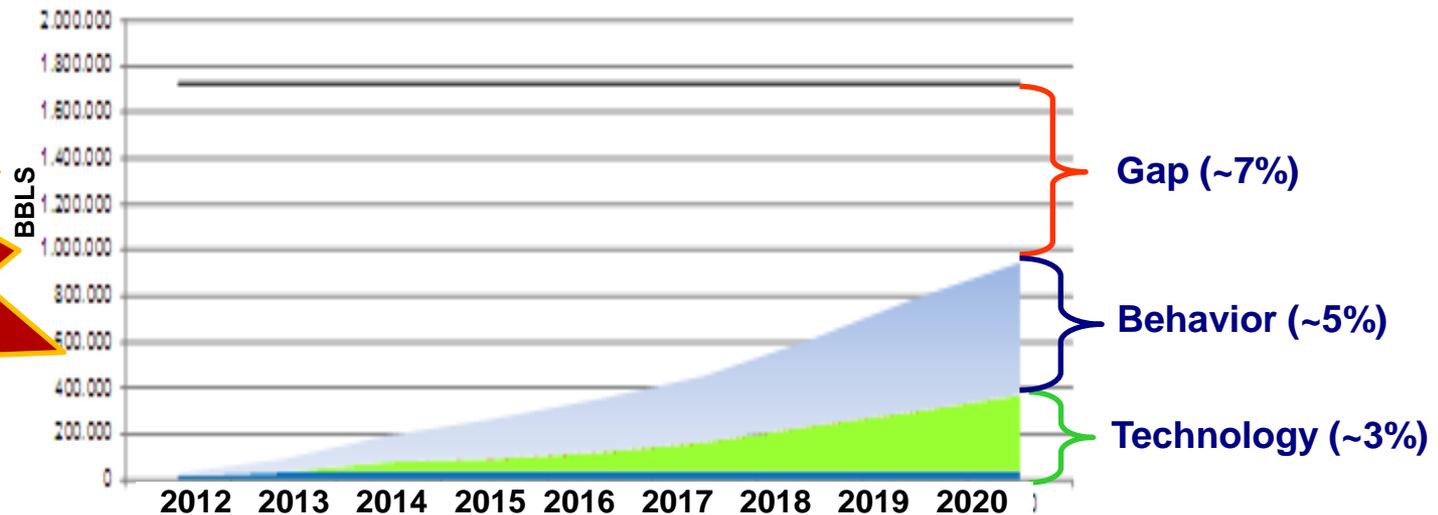
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Reaching the Goal

How do we bridge the gap?

Fuel Savings Toward CNO 15% Consumption Reduction Goal
Baseline Projected FY20 (Fleet Fuel Consumption) 11.5M BBLs



- Constrained by:

- *Financial resources*

- Current budget environment limits how fast technology solutions can be implemented

- *Culture*

- Balancing energy conservation measures with operational missions and risk management

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Establishing the New Normal *Commander's Guidance*

- Foster energy conservation through **Culture Change**
- Equip TYCOMs for success

USFF provide enabling training resources

USFF establish appropriate management oversight

USFF assesses energy conservation progress

TYCOMS measure consumption and assess compliance

TYCOMS/SYSCOMS establish class goals & standards

SYSCOMS install enabling conservation technology

Recognize the good; correct the bad

Ownership at the deckplate guarantees success

The New Normal
"Save energy unless you can't"



