

Resilient Grid

Activating Human Performance Programs (And Avoiding Perverse Incentives)

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NERC Human Performance Conference

So, you're implementing a Human Performance Improvement (HPI) plan.

1) How can implementing these plans backfire?

2) How can I make the implementation more effective?



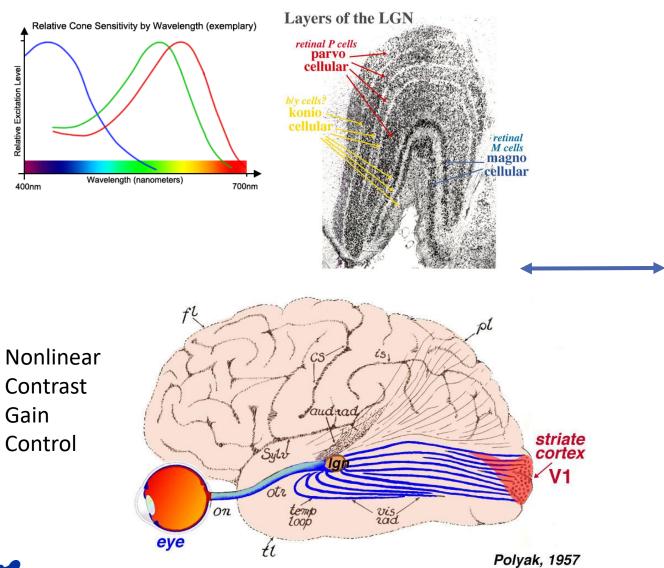
Who Am I?

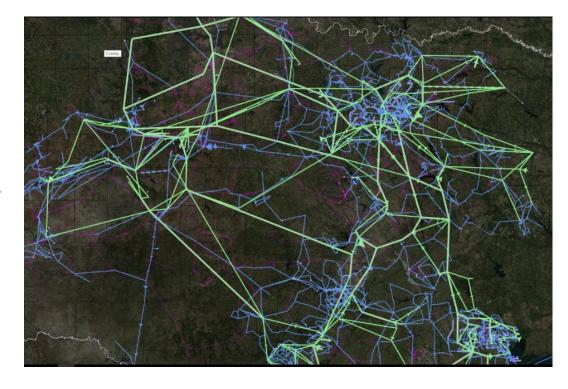






What do I do?

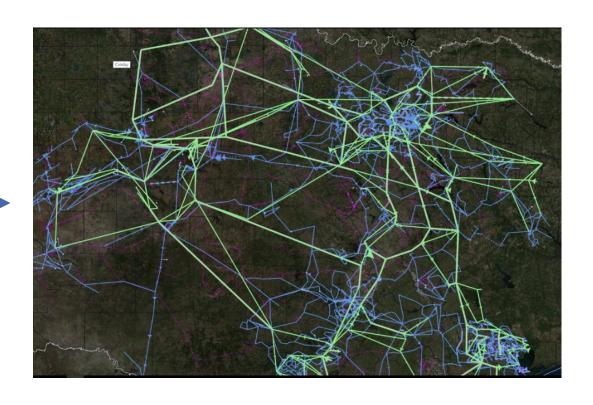






What do I do?

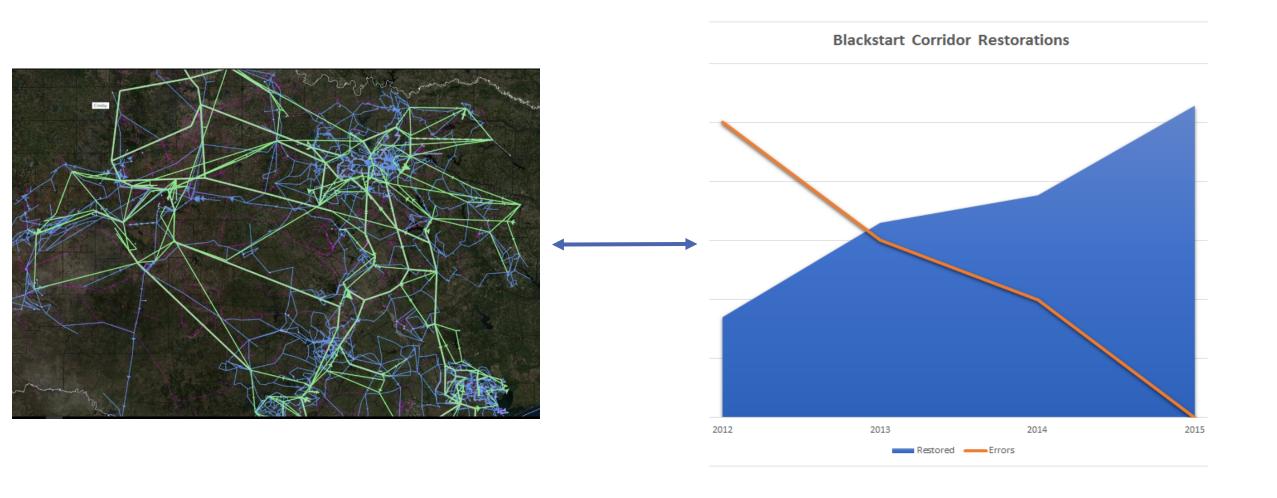








Does It Work?





What do I do?







Some Questions:

So, you're implementing a Human Performance Improvement (HPI) plan.

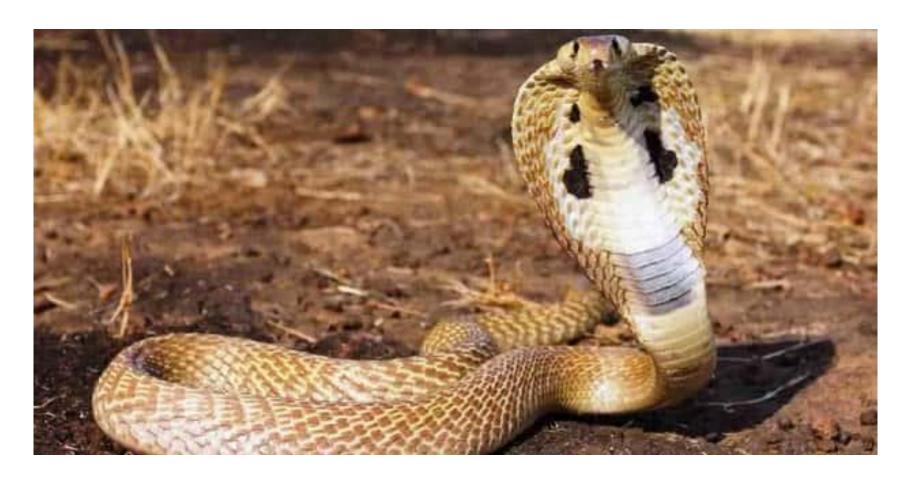
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Unintended Consequences

The Cobra Effect





Unintended Consequences

In the Workplace





Unintended Consequences

Making a Difference

Two questions:

1) What are we creating inside our organizations? Learned helplessness or learned optimism?

2) What are we fighting for inside our organizations?

Control or excellence?



Some Questions:

So, you're implementing a Human Performance Improvement (HPI) plan.

1) How can implementing these plans backfire?

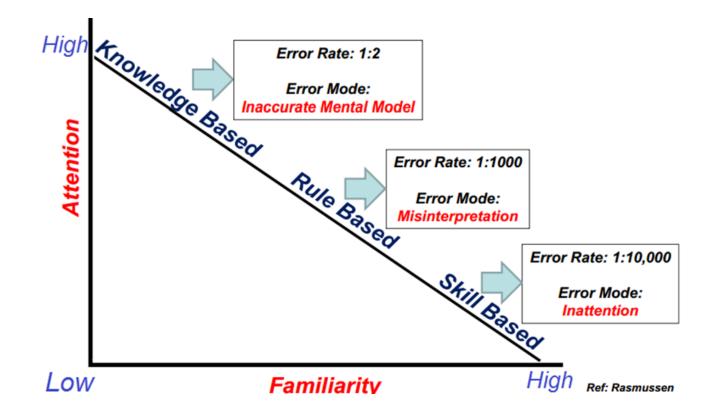
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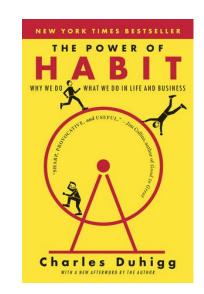


Habits of Human Performance

Cue -> Routine -> Reward -> Cue...

- Patterns unfold automatically brain spends resources on other tasks
- Much (> 40%) of what we do each day not a decision, rather a habit.







Effectiveness of Habits

Brushing vs. Flossing







Creating / Changing Habits

Takes a signifiant amount of willpower.

(Put another way, willingness and ability for self-control).

Self-control as a muscle?





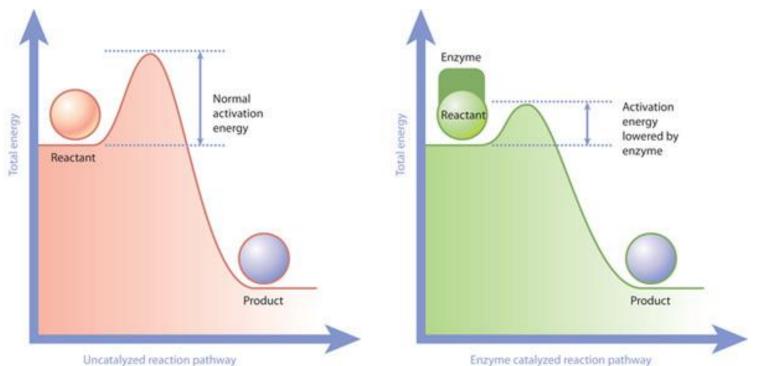
Ego Depletion

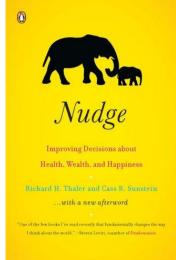


Activating Better Habits

In Chemistry, activation energy is what's needed to make a reaction happen; without it, the reaction won't occur.

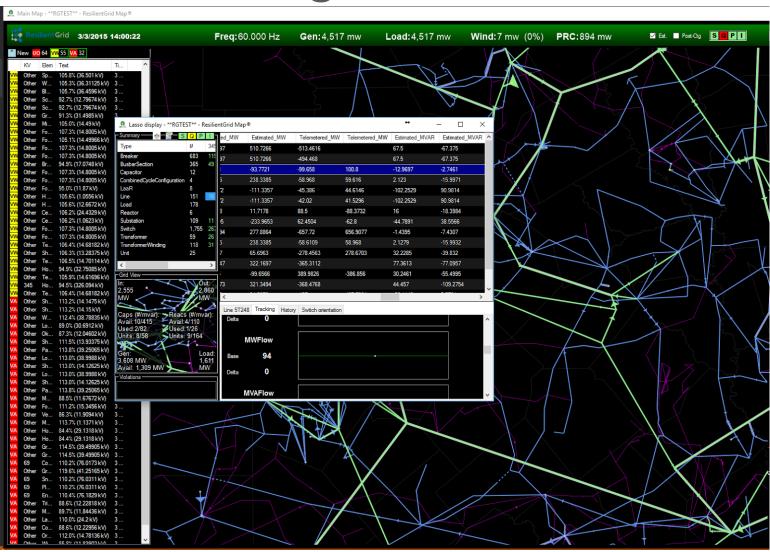
In Psychology, it's the motivation needed to start a task.







Activating Better Habits

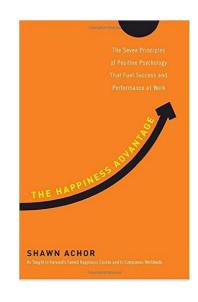


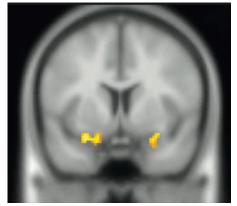


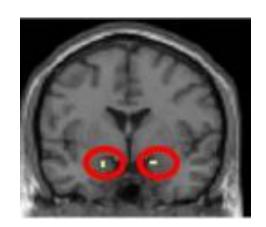
Activating Better Habits

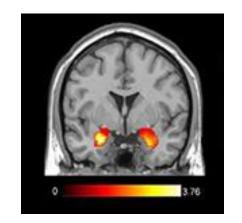
Use a **positive psychology** principal:

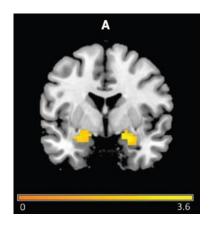
- Ratio of positive to negative > 2.901 to 1
- > Linked to higher performance, lower anxiety
- > 7:1 for "superstar" teams
- < associated with punitive / fear-based cultures.













Activating Human Performance Improvement

1) What are we creating inside our organizations? Learned helplessness or learned optimism?

2) What are we fighting for inside our organizations? **Control** or **excellence**?

3) Are we making it easier for people to do the right things, and harder to do the wrong things? Have we set them up to be successful?



Core Philosophy:

"All organizations are perfectly aligned to get the results they get."

Arthur W. Jones



