

Getting the Best Deal For The Customer

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Buying and Selling Electricity In The West January 16 and 17, 1997

Pigs Yes; Hippos No!

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Mark Hamblin

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Getting The Best Deal

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- Meeting The Customer Defining The Product Enabling Open Access Choosing The Tools Getting Acquainted
- Driving To A Resolution

Meeting The Customer

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Ninety Years of Supplier Indifference Risk Time Horizons Economic Leverage

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Ninety Years of Supplier Indifference

- Our founder, Sam Insull, designed the economics and finances of the electric and gas industry to eliminate negotiation and salesmanship
- After 90 years, most utilities still only have the faintest sense of who their customers are
- We have had the experience where a utility doesn't even know the name or location of its major customers

This is a tough problem for both the customer and the utility -- many customers simply cannot believe how low a priority customers can have

Risk

- Most customer are in a far riskier environment than their utility
- Traditional utility deals attempt to shield the customer from electric price risk

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Even the most cursory analysis would indicate that this is the wrong way around

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Time Horizons

- The average industrial facility is 17 years old The increasing rate of technological change is pushing the average age down Only regulatory policy prevented utilities from realizing that the economic life of utility plant is less than 20 years as well
- Most industry has a time horizon of one year
- Even new plants seldom have time horizons of five years

Economic Leverage

Very few customers have significant short term economic responses to price Few customers have significant medium term economic responses to price Most customers have some impact, but with the exception of chemicals, metals, and paper the impact

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is small



Defining The Product

It's Just Porkbellies, Stupid! Non-firm, Interruptible, Financial Firm, and Utility Service

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- **Capacity Factors**
- The Diminishing List Of Ancillary Services

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It's Just Porkbellies, Stupid!

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Products

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Non-firm, Interruptible, Financial Firm, and Utility Service

Do any of these gradations actually exist?

- Non-firm power may simply not exist
- Interruptible power is seldom defined operationally
- Financial firm may be the only grade of power we have ever purchased
- Utility grade service would seem to be an aftereffect of regulatory incentives for overbuilding rather than a fundamental commitment to serve

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Capacity Factors

- Competition may well spell the end of full requirements service
- Defining loads in terms of their fundamentals is likely to be the norm
- In the end, we may find that a MW value, a capacity factor, and an energy balancing account is the entire transaction

The Diminishing List Of Ancillary Services

- BPA at one point identified 60 ancillary services
 The end product of the competition may trim this list to one
 - Almost all ancillary services are moving to the transmission function
- Reserves correctly belong to the generator
- The customer will most likely be left with only an energy balancing account as a service to buy

Enabling Open Access

- Open access is like a membership to Costco only undiscovered aborigines in the Brazilian rain forest are ineligible
- As a practical matter, every large consumer has the ability to seek alternative suppliers
- The list of exceptions to monopoly service is long and getting longer

- Jurisdictional ambiguities (Oregon and Washington)
- Competing service territories
- Poorly written franchise agreements
- Obsolete state law
- Municipalization
- Unilateral exit
 - Cogeneration

Where Does Open Access Come From?

- The simple truth is that the absence of alternative suppliers meant that no one ever tested the strength of the manacles holding the prisoners Like the British prison system of the 70s, once the inmates noticed that you could just walk out, they all left
- Al Alexanderson, General Counsel of PGC, quotes an unnamed friend as saying everyone always has open access

Where To Go For A Good Rumba

Туре

Tariff

Effective Tariff Spot Pricing Pu 32.32 /kwh

Puget Schedule 48

Puget Special Tariffs

24.77 /kwh 19198 B

30.94 /kwh

17.70 /kwh

24.70 /kwh

17.00 /kwh

PGE Schedule 67

PP&L Low

PP&L High Pricing 5360

BPA Special Tariff

Choosing The Tools

- The fundamental truth is that any open access strategy simply depends on consistency and dedication
- Adopt a strategy and proceed aggressively

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We are now recommending following Brett Wicox into the "Unilateral Exit" world

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Getting Acquainted

- **Establishing Communication With Suppliers**
 - Setting up an RFP
 - **Controlling Vendor Options**
- Communicate your plans with the existing supplier

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Talking to the Hippotamus



Communicating Effectively (Why an RFP?)

- Most vendors are still very unsophisticated
- Bonding seldom replaces a coherent term sheet

- Establishing the ground rules
 - Solid offers
 - Fixed prices held for a logical period
 - Apples to apples comparisons





Market Truths

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Capacity has become very, very cheap Energy indices are simple If they aren't simple, they aren't useful Industrial and bulk power markets have converged Prices are low and going lower

Driving To A Resolution

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Determining a deadline Establish a simple objective Follow through relentlessly