

Briefing by IPP personnel  
at Capitol Ref. Rm.  
Visitor's Center

IPP May 22

Filing Dept. ISM - USES, SEPA report.

Joel ICPA no longer get preference power  
problem of siting small plants  
not have size for infrastructure. To support  
participants all municipal.

REBA cover, 26 cities in Utah, 6 in Calif.

Project oriented financing

Funded ind. Consumer power 23 cities REK

3/4 that in Calif new figure

State own agency type financing in Utah

Non profit corp. financing

Quasi state agency

want to raise tax free power revenue bonds

cooperating city financing

"Funded local cooperating cities" ended by

issuing of bond 6-7% bonds

Some general fund support

Working from Environmental Considered -

Did not file on ranch owned by purchaser

Look at Victorville near P.A. 5 months study

[What is the project of your expected demand]

Coal/El. trans.

assumption a problem - key to result,

assumption of new transmission facilities

50% more expensive to haul.

4 1/2% line over from IPP to Calif

Not many operators on el. trans. as opposed to  
coal,

Slurry too much water. legal decisions

F/ coal haul would have looked to Brook Cliff

Coal for IPP from south.

Meter's log data

Restricted by visibility. 8 miles off 24

On Mancos Mancos shale flat bed.

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Infrastructure 250' reach  
Best available 50% precip  
20% of SO<sub>2</sub>

Kapur. 200 miles of coal.  
Need 200,000,000 tons per year  
A.M.E.R. has lease holds on Haver, W.Va.

very near

New Rail line proposed from Emory 60 miles  
all deep mine coal.

Coal .05% coal S.

Each train is 100 car unit.

With low rail coal market precip. before air pre  
heat use of flue gas.  
Scrubber sludge.

40,000 acft

Need proven technology 2<sup>nd</sup> cell \$2.5 Billion.  
1<sup>st</sup> unit now 1985 and one each year.

Program D.C. 500,000 volts.  
like one to Dallas?

D.C. is less im paid.

Zero Discharge

Water 2 river Fremont. 21-26 th acft

available during winter of 50th acft

50,000 acft reservoir

700' artesian top of Nav. Sand stone,

and 25 million acft.

need only 1 million acft over life of project  
\$.5 million spent on studies.

looked at pumping eff on river - little eff, little eff,

Aquifer recharge 13-15 th acft per year.

Water is 2800 ppm TDS, needs to be lime softens  
Losses outflow of aquifer at 15 13-15 th acft.  
equilization in aquifer.

50% Demand  
Save Food  
Save Power  
Res  
Infrastructure  
Dollars  
Requirements  
Meet  
Feed Stock  
or expand  
other demands  
on aquifer

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2500 to construct 550 operators

2000 mine to mine coal,

tax law construction (tax gap)

7-8 million they will build again

\$ 35<sup>5</sup> million.

clear out for construction double density

land for operation low density

have 5 sites, want 4 corners & want for planning

assistance. [demand for 4 corners money]

if develops Coal company

1,100 ac ft of supply

550 operators yields 3-4th person

Also necessary  
extra paper

In Wayne County Area

Tar Sands

Gordon Flats - Oil Development Company of Utah started 1976  
leasing, acquired, planning, con

Intermountain Power Project ICPA (Los Angeles Dept)  
water and power

Coal Mines

Factory Butte - atlas minerals strip mine.

Intermountain Power Project Mine, ICPA <sup>operator</sup> underground  
10,000,000 tons per year, by 1985  
3450 miners

(Developed by Utah and California Private Utilities)

Intermountain Power Plant 4 (750 MW units) @ 3000 MW  
peak construction force 3,000 employed.  
operation force 275 employed  
requires 50,000 af water per year

## Intermountain Power Project (U16) Coal Mine

operated by ICPA

Underground mine, 10,000,000 tons per year by 1985

for ICPA power plant at Caineville

No coal analysis, seam thickness,

Operational employment estimated at 3450

Developed by Utah and California private utilities

## Intermountain Power Project (E) Generating Plant

Nos. 1-4 Caineville

operated by ICPA (Iowa Dept. of Water and Power et. al.)

Fuel requirements - coal, 10,000,000 tons

4 x 750 Mw units or 3000 Mw total

built 1983 to 1986, one each year

Construction employment 3,000

Operational employment 375

Water requirements 50,000 acft

## Wayne County

### Tar Sands

- (T3) Gordon Flats, Tar Sand Triangle Deposit  
operated by: Oil Development Co. of Utah  
Tar Sands oil extraction  
Planned capacity unknown (? "Leasing acquired,  
planning completed")  
Initial date of operation 1976  
Peak Employment construction - , operation -  
"Leasing acquired and planning completed."  
Approvals needed from BLM and Park  
Service. Map location is county specific.

### (S14) Factory Butte

operated by: Atlas Minerals  
Stripmine 1,000,000 tons per year by 1980  
for power generators (location not specified)  
No coal analysis, seam thickness, or depth of overburden  
Employ estimated 325 persons  
standing in 1976.

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I-13

Moon Lake Electric Association Plant 1000 Mw  
using 3.7 million tons of coal per year. (North east) Rangley

III-56

Construction requirements 1,400

I-15

Water Requirements  
Power plants (water cooled) 15 acft per Mw for 3000 Mw  
Per 1000 population increase (urban) 45,000 af

Acceage Requirements for Development

per million tons of coal mined - 100 acres 1000 acres  
per year  
underground

per mile of 230 KV power line 18 acres

per 1000 population increase 100 acres

water cooled power plant 1.0 acre per Mw 3000

roads 175' right of way 21 acres per mile

I-II  
ps III-57

underground requirements for employment is 200 per million  
tons per year. or 2000 miners  
(less than by mines)

WS 5

California PUC urged utility companies to start charging more  
for electricity used during peak demand periods 3/18-13; 2  
Futures, & Futures, Total U.S. Energy use dropped in 1975 for  
second year in row - lower industrial demand cited 4/5-7; 1  
Kaiser Aluminum 3.5 billion 4/15-4; 2  
Electrical utilities cut commitments on capital spending  
69% in first quarter from year before 5/6/29-42; 4  
Electricity use begins to drop (reverts) - still fear of lag in demand  
capacity 8/17-1; 6  
Trimming Tripping Peaks - Utilities seek methods of cutting peak  
demand 11/17-1; 6

2042 San Sci Ed.