

DEP and Mohegan Tribal Nation Environmental Agreement and Fuel Cell Demonstration



UTC Power

A United Technologies Company



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OVERVIEW



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DEP

- **DEP and the Mohegan Tribe of Indians**
 - **Working together to improve the environment**
 - **Over coming barriers to using Clean Energy**

Mohegans

- **Native American connection with Mother Earth**
- **Mohegan Tribal Nation's Environmental Policy**
- **Fuel Cell Demonstration and Public Outreach Program**

UTC

- **Fuel Cell Operation and Performance Results**

FACTS

**Two of World's
Largest Casinos**



**are in
Connecticut**



FACTS

**Largest Employers
in CT**

Over 22,000 people

**Contribute more than
\$400 million**

**In slot machine revenue
to state of Connecticut**



FACTS

CT Casinos
Attract



Over 24 Million
Patrons/year

FACTS



24 Million Patrons/yr

12 Million Vehicles/yr

1 million Vehicles/mo

= 800 tons

Vehicle Emissions

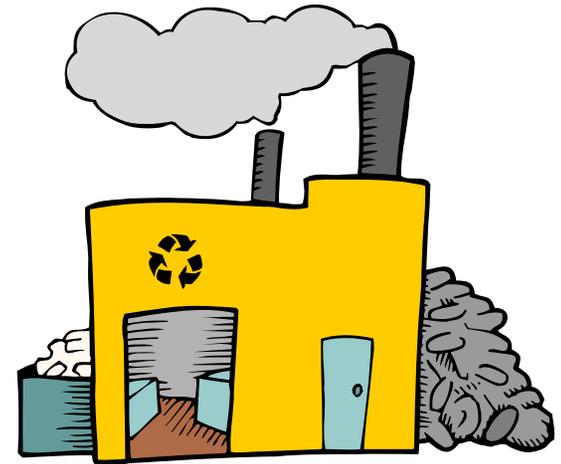
Ozone Season

FACTS

OTHER CASINO EMISSION

SOURCES

- **Boilers**
- **Emergency Generators**
- **Domestic Hot Water**
- **Electric Power Usage –
Air Conditioning, Lighting, etc.**



Each Casino Owned by
A Sovereign Tribal Nation



The Mohegans
Mohegan Sun Resort



Mashantucket Pequots
Foxwoods Resort



ISSUES



- Sovereignty

Tribes have the power to exercise self-determination, make and enforce laws on their lands, establish tribal courts for resolution of disputes.

- Environmental Oversight

**Tribal Nations work with US EPA
not with states**

Sharing Natural Resources

Trans-boundary Issues



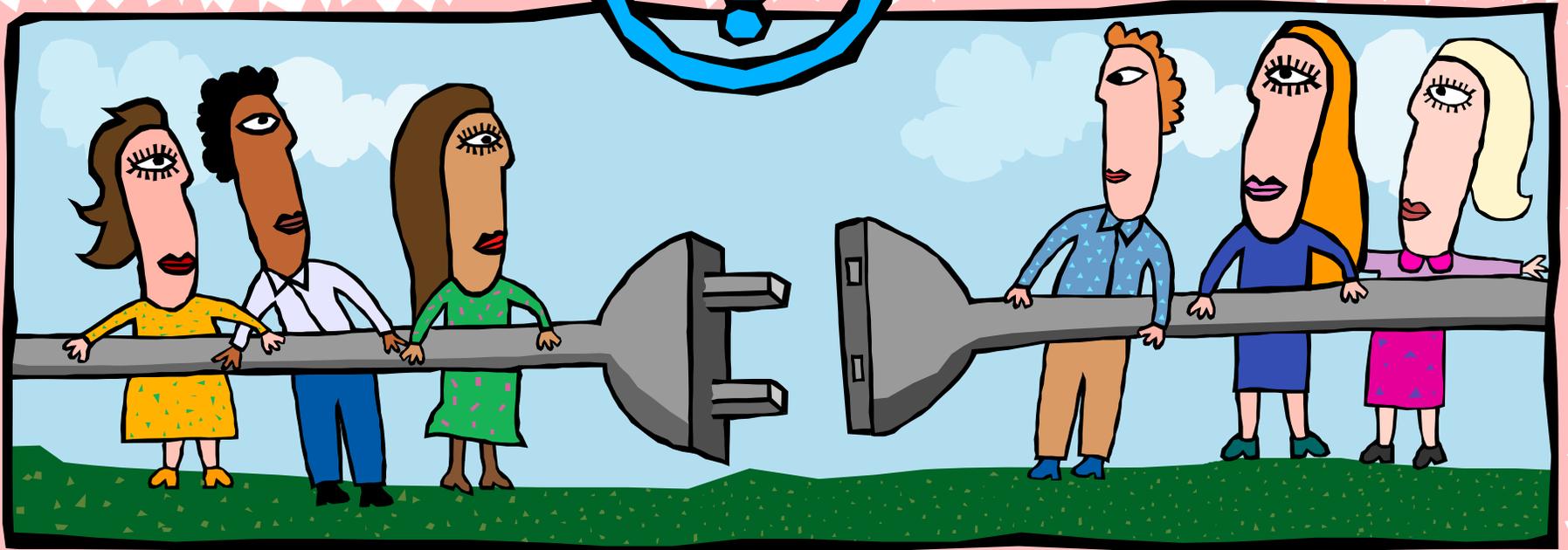


Mohegans Potential For Environmental Advancements

- **Excellent campuses for demonstrating environmental improvements**
- **Public Outreach - access to millions of visitors annually**
- **High interest in improving the environment**
- **Potential of environmental leadership**

Tribal Policy

Environmental Policy



Working Together for a Common Goal



COMMON GOAL



**Work Together
On a
Government-to-Government Basis
To
Improve the Environment**

SOLUTION

Memorandum of Understanding (MOU)



**States and Tribal Nations
may form mutual agreements and
work cooperatively on environmental
and other issues**



AGREEMENT



**Memorandum of
Understanding (MOU)
signed in 1995 by:
DEP
and
the Mohegan Tribal Nation**

Mohegan Tribe
Environmental Impact Plan
Proposed

**Offsetting (400 tons/yr) of
Vehicle Emissions by:**

- **Purchasing Credits
and/or**
- **Conducting
Environmental Projects**



MOHEGAN FUEL CELL DEMONSTRATION



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\$2.4 Million
Fuel Cell
Demonstration
and

Public Outreach Program



Other Mohegan Environmental Accomplishments

- **Energy Conservation**
 - **Recycle**
 - **Hybrids**
 - **Photovoltaic**



DEP Contacts

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Mohegan Program x 2584

&

• Ed Sarabia, DEP Indian Affairs

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Mohegan Presentation

**Introduce
Jean McInnis
Mohegan**

Environmental Administrator

