

Wind power . . .

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The generator is a four-foot pipe with an electric arc inside. The air in the pipe is ionized by the arc, Splinter said, then re-combines to form nitrous oxide. The nitrous oxide flows through limestone and emerges as calcium nitrate, a fertilizer.

The calcium nitrate then is applied to a cornfield at the Mead laboratory. While this fertilizer is not as cheap as the commercial variety now available, Splinter said that continuing research may make the system more economical.

The nitrogen generator is an evolved version of a process that has been around since the 1920s, Splinter said, but recently was resurrected by researchers at Ohio's Kettering Foundation.

The experimental model at Mead is the only such generator currently operating in the United States, he said, although similar generators are planned for Hawaii and Nevada.

An extension of the energy system—incorporating wind turbine, an irrigation device, and a nitrogen generator—could include some means of using the heat that comes off the generator, which Martin said runs hot enough to boil water.

He said the heat could be used in the farm home or could be used to make steam. It also might be used for drying grain or other purposes.

Economic factors currently make the wind turbine for irrigation or the nitrogen generator system, when considered by themselves, financially questionable, Martin cautioned. He added, however, that a combination system, coupled with increasing costs for electric power and fossil fuels, may make such a system cost effective someday.

"If you could justify the wind turbine on the basis of providing power for irrigation as well as for the nitrogen generator, then the system might well become popular," he said.



want ads

for sale

5 gallon aquarium with accessories; pump, hood, light, gravel, artificial plants, filter. Call 489-6308.

2-speed Sony micro cassette recorder w/extra external microphone. \$90. 488-0085.

Lincoln Police Department—Auction of unclaimed bicycles and miscellaneous property. Dec. 6, 10 a.m. at the AAA Towing Company, 140 "P" St.

Used cross country ski packages \$75 and up. Also new skis and rentals. Bonsall Ski Co., 3201 Pioneers Blvd. 488-0148.

for rent

1830 KNOX ST. Spacious, new 2-bedroom units with central air, fireplaces, dishwashers, fully carpeted. Lots of parking, garages available. 5 minutes either campus. \$275/month.

Near university, 2 bedroom, stove, refrigerator, carpet, clean. 476-7774.

Female professor with four-year-old daughter would like to rent two rooms of her house to female graduate students. Nice location, easy access to campus. Call 477-9359 or 472-6359.

Several duplexes for rent. Close to downtown, City Campus, East Campus and Wesleyan. Call for price details. 466-0928.

3 bedroom apt. for rent Dec. 1. \$220/month, lights only plus deposit. Close to campus. 474-2848.

Close to East Campus, City and UNL bus line, furnished one bedroom, washer and dryer in building. Off street parking, free cablevision. 464-6682.

help wanted

Need 4 people by Dec. 10. Are you 18? Have car? Sports minded? Display work \$800 mo. Full time \$350 mo. part-time. Call 483-6047 if no answer 435-1935.

Need coaches and referees for YMCA youth basketball league. Teams available are grades 3-8. For more information contact Deb. Satchell at 475-9622 extension 275.

roommate

Male student to share 3 bedroom duplex. 466-0928, 464-1156 after 4 p.m.

Normal, serious student looking for female roommate and apartment as soon as possible. Call Sue 477-8861.

Looking for female to share 2 bedroom apt. Call 475-9685 evenings.

miscellaneous

BIRTHRIGHT offers you a choice. We understand the needs of you and your baby. 477-8021.

announcement

The Sports Center tennis courts will be open for students and faculty starting Saturday, December 6, 1980 and Sunday, December 7, 1980, for two weekends. The courts will be available from 1 p.m. to 8 p.m. on Saturday; and, from 10 a.m. to 8 p.m., on Sunday. The fee will be \$2 for students, and \$4 for faculty per court for 1 hour. Students and faculty can sign for courts with Lyndon Beebe, room 107-G, at the Bob Devaney Sports Center from 1 p.m. until 4 p.m., Monday and Wednesday, starting Monday, December 1, 1980. Please present student or faculty identification when renting court.

OVERSEAS JOBS Summer/year round. Europe, S. America, Australia, Asia. All fields. \$500-\$1200 monthly. Sightseeing. Free info. Write: IJC Box 52-NE1 Corona Del Mar, CA 92625.

Attention: NU-Med members—The next meeting is Wed., Dec. 5, at 7 PM in the Union. A general surgeon will be the speaker.

Important Accounting Association meeting, December 3, 3:30 p.m., CBA 233.

Financial aid is available for Engineering and Science Majors for graduate study in Nuclear Engineering, Fusion, and Health Physics. Graduate Research and Teaching Assistantship stipends range from \$6,800 to \$12,000 per year, plus out-of-state tuition waiver. Fellowship for outstanding applicants are also available. For information write: Director, School of Nuclear Engineering, 201 Emerson Building, Georgia Institute of Technology, Atlanta, Georgia 30332.

Wonder if a Student Assistant position with UN-L Housing is for you?

If you will be a sophomore by Fall semester, 1981, attend any of these meetings to find out more about the work and what it has to offer.

TUESDAY, 12-2 Abel South RD Apartment 7:30 p.m.

Sandoz RD Apartment 7:30 p.m.

WEDNESDAY, 12-3 Abel North RD Apartment 7:30 p.m.

South Cather Cafeteria 9:00 p.m.

THURSDAY, 12-4 Schramm Pit 9:30 p.m.

MONDAY, 12-8 Sellaek Mushroom 7 p.m.

Residence Hall, Greek, Co-op and off-campus students are all welcome at any session.

The application process for Fall '81 will begin in January—watch the paper for details on how to apply.

DR. IVAN VOLGYES will speak **Wednesday, Dec. 3** at 2:30 in the Union Main Lounge on "The Polish Question, another Czechoslovakia?"

Tired of hassling with parking? FULL of complaints with no where to go?

ASUN committee on campus life is investigating the parking problems NOW! Bring a signed complaint to the ASUN office today! We need your help!

Sigma Alpha Mu Little Sister meeting Tuesday, Dec. 2, 8:30 P.M. Be there.

THE PETITION IS COMING . . . Watch for it!

services

TYPING Theses and Manuscripts I work rapidly—My rates are reasonable—And you will have a very nice copy! Contact: Margaret 1223 Oldfather Hall Phone 472-2891 Evening Phone 464-3437

RESUMES: A distinctive style will get results. Costello and Associates, 475-9777.

LEGAL SERVICES FOR LESS All 1st offense DWI \$150 Statmore Law Office 24 HOUR PHONE 474-1842

lost & found

LOST: Saturday at the game a small white gold ring with the word LOVE spelled and a setting in the "O". Would appreciate its return. Call 475-9301 or 472-1762. Great sentimental value.

LOST: Rust-colored suede jacket at Sandy's bar Saturday night. \$20 REWARD. 423-4986

LOST: 1 pair silver-framed reading glasses. Please return. Call 474-3491.

personals

Til Hamingju, Kaerasts, vinkona. Cheryl min! The year is half over. When you come, don't forget to bring a fishing cap in case we're chased by rampant elephant No. 2. Happy Birthday! Lith Love, Andre

Paul: 95% of all desirable UNL men play football, the other 5% are TRACKSTERS!?

Golden Throat, Thanks for helping me now climax to my full potential every time. Big 9

Jugs, Happy Birthday to a tease! For you, more minute rice and cheese! Love, The East Side of 4

Jami Nelson, Your smile warmed my heart Your eyes unforgettable If you like to become friends Reply via personal Jay S.

P.S. Norfolk girls know their direction.

Max, You thought we forgot, but dumbies we're not, we'll bring the quarters and eggs so warm up your legs. Happy Birthday. Love, Kerry & Tom balls

Mary— I survived the week! Looking forward to more awesome times. See you immediately, if not sooner. Love, Lane

Julie Hill, I missed you Mon. nite. When do YOU want to meet? Would you mind if I called? Midnight Man

Jugs— Happy Birthday! Would you like more minute rice and cheese? The Terrible Twosome

The Blue Guy: Are you a foreigner?

Dawn Lynell Belated Happy Birthday Res and Bear

Thank you AOP's and Sig Ep's for a fantastic birthday! I love you! Jill

Everyone wish Randy Pearson (Abel 8 Playboy) a happy birthday even though it was Nov. 29! From the chick who loves chili

Beethoven: Happy Birthday! Chopin's "Raindrop" in D flat!

ELDO: The big 2-0! You deserve a BEER Meeeee. Hope it was happy. Nance

Tina E., You're so nice to me So I wish to apologize to thee, for being so mean as you can see. Mean Man

Hodi Bartek— Sorry about the goof, had more than 80 ounces! Forgive me? Suzo—The Not So Sober One

Linda (Fox) We want your body and not your mind, that may not sound very kind, but let's take a train to Texas no stop signs. Happy B-Day Love, Kerry & Tom balls

Becky Home Ec-y Gemar. Happy birthday to the No. 1 Punter's sister. From the Gemar Fan Club, Slutton and Sew-age

ANSWER TO PREVIOUS PUZZLE

T	A	M	B	S	S	T	E	P	R	O	A	D
T	R	E	A	T	A	R	N	E	E	R	I	E
E	R	A	S	E	S	I	N	E	A	C	M	E
M	A	N	S	E	S	A	U	L	C	H	E	R
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O	R	B	D	A	R	I	N	E	N	T	E	R
T	H	U	S	O	A	T	A	R	G	R	A	Y
T	O	N	E	D	S	E	R	I	F	A	R	E
T	R	I	B	C	L	A	P					
T	H	E	G	O	N	D	O	L	I	E	R	S
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S	A	R	A	M	I	M	I	I	N	F	R	A
M	I	N	D	A	V	E	C	E	U	L	E	R
S	N	E	E	N	E	S	S	T	E	W	S	

crossword

ACROSS

- The Cosmos' game
- Hampshire's quarters
- Tourist center on the Jumna
- Channel swimmer Gertrude: 1926
- Sundial letters
- Land bordering the Persian Gulf
- Sit down with an old favorite book
- Strength of a certain current
- He kayaked "Two-Ton Tony": 1939
- Deviation
- Game fish
- Homophone for cruise
- Kite
- Robin, for one
- Forte of the Vienna Riding School
- Ask
- Discoverer of the Cape of Good Hope
- M. Anderson's lofty place
- Irish goblins
- "The— to you!"
- Relatives of 'aves.
- Certain clouds
- Twins or cats
- Tone color
- Kennel sound
- Bruit
- Poem probably written at Stoke Poges churchyard
- Music adopted by the Beatles
- Afresh
- Cleans the slate
- Many tubs and palettes
- Prefix with millionaire
- Coin of Yugoslavia
- acids
- Kind of sherbet
- Cattail of India
- Less open
- Valuable assets
- Speedy crossers of the Atlantic
- Provides a dotation
- Set free
- Fasteners for stockings
- Tap
- "Eyes have they, but they —": Psalm 115
- Relish
- Concern of Jimmy the Greek
- Song for Domingo
- Bowlers
- Wild mango
- Ohio or Utah, to Rene
- Ricky Ricardo, on TV
- Dir. of San Diego from Reno

DOWN

- Gavriolo Princip, e.g.
- River with a fragrant sound
- Game fish
- Homophone for cruise
- Kite
- Robin, for one
- 21 Many tubs and palettes
- 22 Deviation
- 23 Game fish
- 24 Homophone for cruise
- 25 Kite
- 26 Robin, for one
- 27 Kind of sherbet
- 28 Cattail of India
- 29 Less open
- 30 Valuable assets
- 31 Cynosures at cotillions
- 32 Like some glasses
- 33 Heavy overcoats
- 34 Consecrate
- 35 Zoo inhabitant
- 36 "— a Kick Out of You"
- 37 United
- 38 Fills to repletion
- 39 What "she didn't say"
- 40 — Magnon
- 41 Leontyne and Vincent
- 42 Implement for a quadrireme
- 43 Adjective for the bald eagle