

Harnessing Cost Of Nelson River May Exceed \$1 Billion, Is Claim

By ALLEN SACKMANN
WINNIPEG (CP) — Federal provincial financing to develop the hydro potential of the Nelson River in northern Manitoba has been assured after four years of study and negotiation, Premier Duff Roblin announced in the legislature.

The cost-sharing agreement will cover the first phase of the development — expected to be completed in 1971 — estimated at more than \$900,000,000. Total cost of harnessing the 410-mile river is estimated at more than \$1,000,000,000.

The agreement provides for

the federal government to build, finance and own a \$120,000,000 transmission line running 590 miles from the Kettle Rapids site to Winnipeg.

Provincial share includes development of the site in the lower reaches of the river, a diversion to direct some of the Churchill River flow into the Nelson and level control at the northern end of Lake Winnipeg. Manitoba's cost would be about \$200,000,000.

The projected Kettle Rapids generating station would produce about 1,000,000 kilowatts of electricity — equal to the present annual demand in Manitoba. When fully developed, the river will have a potential of more than 5,000,000 kilowatts.

The Nelson, with its watershed reaching to the eastern slopes of the Rockies, has a greater flow than either the Columbia or Missouri rivers. It flows out of Lake Winnipeg through the northern Manitoba wilderness, dropping 712 feet through a series of falls and rapids, into Hudson Bay.

The Churchill will be tapped near Thompson, Man., to drain its strength gathered over a 90,000-square-mile watershed.

Prime Minister Pearson also announced the agreement in the Commons at Ottawa.

Premier Roblin said the initial development will provide a pool of readily-expendable power for export.

"One of the undertakings in the proposed agreement is that any power surplus to Manitoba's needs will be available to a na-

tional power grid, or for export, or for both."

Export of 1,000,000 kilowatts of electricity annually to the U.S. would bring \$30,000,000 into Manitoba, he said.

The formal agreement — to be approved by both the Commons and the Manitoba legislature — will provide that Manitoba pay a service charge for using the federal government's transmission line, based on consumption.

Total federal cost would be reimbursed in 50 years, but provision will be made for Manitoba to buy the line at any time at Canada's amortized cost.

"The federal government is, in a way, acting as a banking agent in this project," said the premier, and he described the development as a high point in Manitoba history.

Mr. Roblin said there are at least three other potential sites for major generating stations on the Nelson along with "a half dozen" smaller ones. Development depended on domestic and export power demands.

Manitoba's domestic demands, doubling every decade, will be 8,000,000 kilowatts by the year 2,000.

To meet demands Manitoba had the alternative of developing the Nelson, or turning to thermal power. Cost projections indicated the differential over a 35-year period would result in hydro power being \$80,000,000 cheaper to produce.

The premier said the development will give the province an economic stimulus by providing on-site employment for 8,000 men and for another 3,000 in allied projects, requiring increased activity on the Hudson Bay Railway, and attracting industry.

During a press conference after the announcement, the premier did not comment how the development will effect Manitoba power rates. He said the province now has the lowest domestic rate in Canada and the second lowest industrial rate.

Both Liberal leader Gil Molgat and New Democratic Party Leader Russ Puelley said the announcement was a major forward step in Manitoba.

ON THE AIR

The following program listings are published free of charge as a public service and appear as presented to us by the stations concerned.

FRIDAY PROGRAMS

CFCY-TV

- 1.30 p.m.—Musical
- 2.00 p.m.—Film Festival
- 2.30 p.m.—Film Festival
- 3.00 p.m.—To Tell The Truth
- 3.25 p.m.—Take 30
- 4.00 p.m.—Bonnie Prudden Show
- 4.31 p.m.—Razzle Dazzle
- 5.00 p.m.—Rin Tin Tin
- 5.30 p.m.—Music Hop

Frank's Bandstand
6.00 p.m.—Mr. E.
6.25 p.m.—Robin Hood Jackpot
6.30 p.m.—Gazette
7.00 p.m.—CFCY TV News
7.15 p.m.—Purity Flour Jackpot
7.20 p.m.—The Farm Scene
7.30 p.m.—The Flintstones
8.00 p.m.—The Munsters
8.30 p.m.—Musical Showcase
9.00 p.m.—Get Smart
9.30 p.m.—Tommy Hunter Show
10.00 p.m.—Friday Theatre

CKCW-TV

- 9.57 a.m.—Station Sign On
- 10.00 a.m.—Canadiana Schola
- 10.30 a.m.—Nova Scotia Schools
- 11.30 a.m.—Friendly Giant
- 11.45 a.m.—Chaz Helene
- 12.00 p.m.—Butternut Square
- 12.20 p.m.—Acoustic Canada
- 12.50 p.m.—Friday Playbill

CFCY

- 2.30 p.m.—At Home with Helen Crocker
- 3.00 p.m.—To Tell The Truth
- 3.30 p.m.—Take Thirty
- 4.00 p.m.—Bonnie Prudden
- 4.30 p.m.—Razzle Dazzle
- 5.00 p.m.—Caroon—Capers
- 5.30 p.m.—Get Smart
- 6.00 p.m.—Supper Club
- 6.15 p.m.—TV News
- 6.25 p.m.—TV Weather
- 6.30 p.m.—TV Sports
- 6.35 p.m.—Supper Club
- 7.00 p.m.—Bat Man
- 7.30 p.m.—The Saint
- 8.30 p.m.—Peyton Place—III
- 9.00 p.m.—Get Smart
- 9.30 p.m.—Tommy Hunter Show
- 10.00 p.m.—Friday Night at the Movies

FRIDAY

- 6.30—News and Weather
- 6.35—Morning Roundup
- 6.45—Island W. and Mar. Temp.
- 6.46—Morning Roundup
- 6.55—News and Weather
- 7.00—Hebrew-Christian Hour
- 7.30—News and Weather
- 7.35—Farm Report
- 7.41—Morning Roundup
- 7.45—Island W. and Mar. Temp.
- 8.50—Atlantic News Roundup
- 8.58—Thought For Today
- 9.00—CBC National News—CBC
- 9.11—Preview Commentary—CBC
- 9.15—Assignment
- 9.20—Notes and Music
- 10.00—News and Weather
- 10.05—Notes and Music
- 10.15—Sunlight Eye
- 10.20—Notes and Music
- 11.00—News and Weather
- 11.05—Notes and Music
- 11.45—Bulletin Board
- 11.50—Notes and Music
- 11.55—Atlantic News Roundup
- 12.00—Weather
- 12.05—Town and Country Time
- 12.06—News and Weather
- 12.45—Town and Country Time
- 1.00—News and Weather
- 1.05—Story To Remember
- 1.15—Gordie Tapp Show
- 1.45—Town and Country Time
- 2.00—News and Weather
- 2.15—National School B'd's't CBC
- 2.45—Mostly Music
- 3.00—News Headlines and Weather
- 3.05—Trans-Canada Matinee—CBC
- 3.30—Mostly Music
- 4.00—News Headlines and Weather
- 4.03—Canadian Roundup—CBC
- 4.10—Tops in Pops
- 5.00—News and Weather
- 5.05—The Outposts
- 5.25—Marine Weather
- 5.28—The Outposts
- 6.00—News and Weather
- 6.20—On Parliament Hill—CBC
- 6.20—Today's Editorial—CBC
- 6.25—Sports Parade
- 6.30—Business Barometer—CBC
- 6.35—Tonight's Music
- 7.00—Back to the Bible
- 7.30—News and Weather
- 7.45—Tonight's Music
- 8.58—Headlines and Weather
- 9.00—1967 And All That CBC
- 9.45—In Canada This Week CBC
- 10.00—CBC News
- 10.15—Today's Editorial and This Week at the UN
- 10.30—Music Scene Montreal CBC
- 11.20—Record Album
- 11.15—For Consumers
- 11.00—News and Regional Weather
- 11.05—Starlight Serenade
- 11.30—News and Maritime Weather
- 11.35—Starlight Serenade
- 12.00—CBC News Weather and Sports
- 12.15—CBC News and Music—CBC

CBA RADIO

FRIDAY

- 6:00—The Morning Show, Part 1
- 7:00—The Morning Show, Part 1 (Cont'd)
- 8:00—CBC News and Inland Wx.
- 7:46—Morning Roundup
- 7:56—Sports Capsule and Scoreboard
- 8:00—News
- 8:11—Weather
- 8:16—Morning Roundup
- 8:45—Weather
- 8:15—Maritime Sportscast
- 8:21—The Morning Show, Part 2
- 8:35—Max Ferguson Show
- 9:00—CBC News
- 9:10—Commentary
- 9:15—Assignment
- 9:21—A.M. Chronicle
- 10:45—Playroom
- 11:00—CBC News
- 11:05—Joan Marshall
- 11:15—For Consumers
- 11:20—Record Album
- 11:30—The Archers
- 11:45—Music On The Heater
- 11:55—Assignment
- 12:00—Jamboree Junction
- 12:15—Tommy Hunter and Pal
- 12:30—Maritime Farm Broadcast
- 1:00—CBC News and Weather
- 1:15—Gordie Tapp Show
- 1:45—Time Out For Melody
- 1:59—D.O. Time Signal
- 2:00—Time Out For Melody
- 2:15—National School Broadcast
- 2:45—John Drainie Tell A Story
- 3:00—CBC News
- 3:03—Trans-Canada Matinee
- 3:30—Trans-Canada Matinee
- 4:00—CBC News
- 4:03—Canadian Roundup
- 4:10—Music In The Air
- 4:15—Music In The Air
- 4:30—Assignment
- 4:35—Music In The Air
- 5:00—Mar. Fish Broadcast
- 5:20—CBC Notebook
- 5:35—Assignment
- 5:45—Tempo and Notebook
- 6:00—CBC News
- 6:15—On Parliament Hill
- 6:20—Today's Editorial
- 6:25—Inland Weather and Sports Scores
- 6:30—Business Barometer
- 6:35—Will Come With Me
- 6:50—Rod and Charles
- 7:05—Music In The Evening
- 8:00—1967 And All That (Part 1)
- 9:45—In Canada This Week
- 10:00—CBC National News
- 10:15—Today's Editorial
- 10:30—Music Scene Prairies
- 11:00—Bill of Fare
- "An Evening With Ian Wallace"
- 12:00—CBC News
- 12:03—Sport Scores, Inland and Marine Weather
- 12:15—Music In The Night

CONTRACT BRIDGE

By B. JAY BECKER

BIDDING QUIZ

You are South, both sides vulnerable. The bidding has been:

North East South West
1 ♠ Pass 1 ♥ Pass
1 ♠ Pass 1 ♥ Pass

What would you bid now with each of the following five hands?

- AK ♠ KQ853 ♣ 96 ♣ Q962
- 973 ♠ AQ74 ♣ KQ10 ♠ AJ6
- K7 ♠ QJ9852 ♣ QJ4 ♠ A5
- AJ82 ♠ AJ965 ♣ 9843 ♠ K7
- QJ64 ♠ AQ752 ♣ K3 ♠ K8

1. Three clubs. An opening bid facing an opening bid means game. Obviously, a game must be undertaken, but there is some doubt about where the best game contract is likely to lie.

The three club bid (forcing) tells partner that we have the values for an opening bid, that there is a club fit, and that there is a chance for game in clubs, hearts or notrump, depending upon his hand. North's response to these clubs will therefore help to determine the final resting place.

2. Three notrump. This bid shows balanced distribution and 16 or 17 high card points. It therefore constitutes a mild form of slam try. A jump to two notrump would show 13 to 15 points and no special interest in a slam.

3. Three hearts: While we can play at notrump if partner's

hand is satisfactory for that purpose, our main effort should first be directed toward game in hearts. If North cannot support hearts at bid three notrump, we plan to pass. In that event, our well-distributed 13 high card points should make a three notrump the best contract. The three heart bid is forcing.

4. Pass. The chance of making game is remote and the only real problem is the best part-score contract. There is no reason to think that climbing the ladder to search for a better spot would pay good dividends. Partner might take any further bids on our part seriously, and it would be wrong to run this risk.

Note that a change of suits by the opening bidder does not compel the responder to bid again. The forcing principle applies only when responder names a new suit.

5. Four spades. A raise to two spades in this sequence would ordinarily indicate nine or 10 points. A raise to three spades would show 13 to 15 points. A jump to four spades, being a stronger bid than a jump to three spades, shows interest in a slam and about 16 or 17 points. In all these cases, distributional values are added to the high-card values.

The sequence given is quite different from the case where dealer opens one spade and responder jumps to four spades. This is a shutout bid used to show lots of trumps and a shortage of high cards.

Quebec's Opposition Leader Urges All-New Constitution

TORONTO (CP) — Daniel Johnson, Quebec's Opposition leader, said here an entirely new Canadian constitution should be drafted and submitted for approval in a nationwide referendum.

The leader of Quebec's Union Nationale party told members of the Canadian Club of Toronto that authority over a new constitution should not be moved from London to the federal government or even to all Canadian governments.

"In a free and democratic country, the only source of constitutional power is the sovereign people," he said.

"It is the people who, in the final analysis, have the power to give themselves the political institutions which suit them."

It is essential in federalism that powers be divided between the national and provincial governments and it is natural that each must respect a written constitution that is above them and must be interpreted by the courts.

PEOPLE ARE SOVEREIGN

"Therefore, the moment that we agree to repatriate the constitutional authority to Canada, it is the Canadian people who become the sole constitutional authority."

He said this would not mean that the people would draft the new constitution themselves, but they must be given a chance to approve it by referendum.

Mr. Johnson said the new constitution is necessary because the British North America Act is obsolete and has become a straightjacket for both English and French Canada.

"Let us recognize the fact that these two nations are not separated, not enemies, but so melt them into the same coniferous forest that it is impossible to melt them into the same constitutional mold."

RIPLEY'S BELIEVE IT OR NOT

THIS HOUSE in San Ventura County, Calif., WAS ORIGINALLY BUILT IN CHICAGO IN 1899, THEN TAKEN APART AND TRANSPORTED TO CALIFORNIA. ONE OF 12 STRUCTURES CARRIED ACROSS THE COUNTRY BY ORIGINAL SETTLERS.

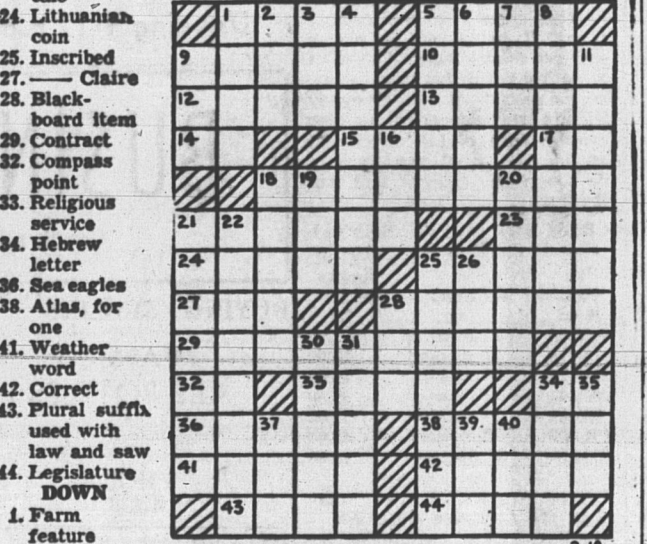
Emperor Cheu-Kung WHO RULED CHINA IN THE 2d CENTURY B.C. ALWAYS TRAVELED WITH A SUPPORTING A STATUE BEARING A MAGNETIC COMPASS.

KING GROESUS fabulously wealthy monarch of Lydia CAPTURED AND ORDERED BURNED TO DEATH BY KING CYRUS OF PERSIA WHO SAID WHEN THE FLAMING PYRE WAS EXTINGUISHED BY A SUDDEN RAINSTORM! CYRUS RESCINDED THE DEATH SENTENCE (546 B.C.)



DAILY CROSSWORD

- ACROSS
1. Pellets
 2. Owned
 3. Type of base hit
 4. Rifle-range items
 5. Moon-goddess
 6. Foreign coin
 7. Of greater age
 8. Perfume with incense
 9. Depart
 10. Unrelenting
 11. Exclamations
 12. X. S. islands
 13. Metal tags
 14. Medieval tale
 15. Lithuanian coin
 16. Inscrubed
 17. Claire
 18. Black-board item
 19. Contract
 20. Compass point
 21. Religious service
 22. Hebrew letter
 23. Sea eagles
 24. Atlas, for one
 25. Weather word
 26. Correct
 27. Plural suffix used with law and saw
 28. Legislature
 29. Farm feature
 30. Meadow
 31. City in Belgium
 32. Assumed names
 33. Casually
 34. Twisted by force
 35. Hank of twine
 36. "Juicier," as some gossip measures
 37. Arabian chief
 38. Bridge positions
 39. Gasp
 40. Finish measure
 41. Born
 42. Wurttemberg measure
 43. Pagoda ornament



DAILY CRYPTOQUOTE

Here's how to work it: **AKYDLBAKR** is **LONGFELLOW**

One letter simply stands for another. In this sample A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each day the code letters are different.

A Cryptogram Quotation

PJSKRZQZ TDXLX D RMUYI
VZISJQ ML7 SKJ MFFZQMDLS
VSAJQDEMEX.—LIJQDRR

Yesterday's Cryptogram: LET HIM THAT WOULD MOVE THE WORLD, FIRST MOVE HIMSELF.—SOCRATES

(© 1966, King Features Syndicate, Inc.)

OUR BOARDING-HOUSE MAJOR HOOPLE

