

- Legend**
- Zones**
- Commercial
 - Parks & Reserves
 - Private Clubs / Recreation
 - Public Use
 - Residential
 - School
 - Roads
 - Greenwood Survey Bdy



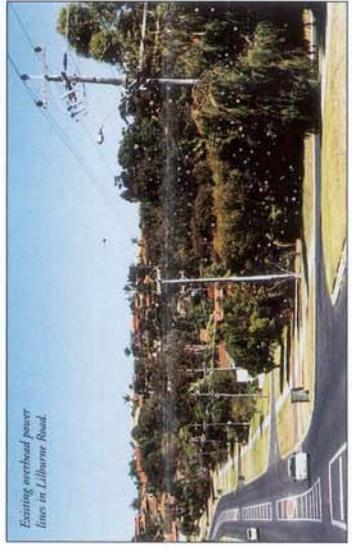
**State Underground Power Program
Round 4
Greenwood West Project Area**



City of Joondalup **Duncraig** Underground Power Survey

MAY 2001

NEWSLETTER



A message from the Mayor

More than 60% of our community enjoys the benefits of underground power without the disadvantages of overhead power lines. The City is currently considering the opportunities offered by the State Government Underground Power Program for those areas where overhead lines are still the source of power supply.

The City of Joondalup is considering submitting an application to participate in the program, nominating in the first instance specific areas of Duncraig for conversion to underground power as shown on the enclosed plan. There are approximately 2,700 lots in Duncraig that would be connected to underground power. This work is likely to be in two stages. Before proceeding it is essential that Council gauges the support among property owners in the area. The City is therefore carrying out a survey to gain your opinions on this issue. Please give priority to completing and returning the attached Survey questionnaire before the closing date of 29 May 2001. The Council will proceed only if the results of the survey indicate that a representative majority of respondent owners support the proposal.

Please note that there is no certainty that the City's application to participate in the program would be successful as there is intense competition among local governments for the limited funds available.

I urge you to have your say.

State Government Underground Power Program

Have your say on Underground Power

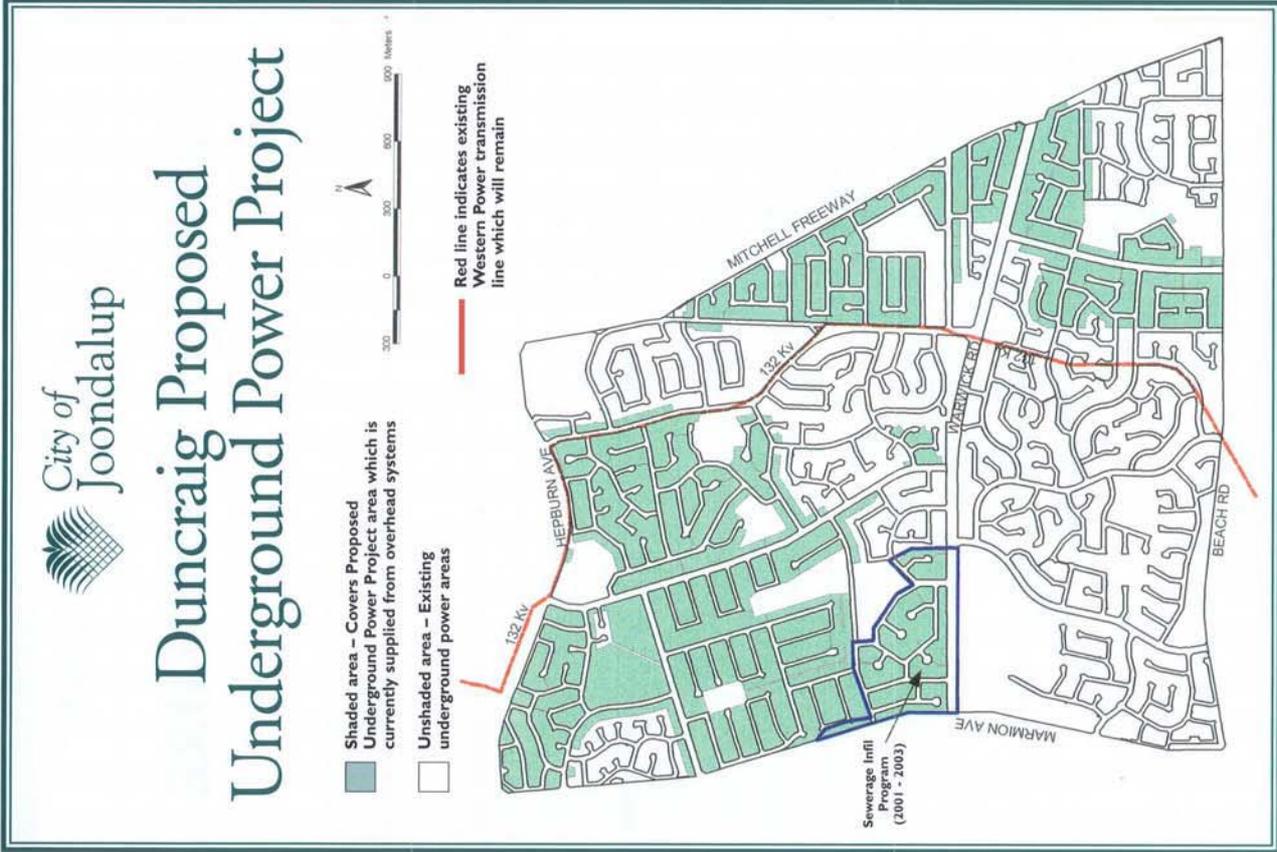
Benefits of Underground Power

- Higher property values
- More reliable power supplies with the elimination of faults due to coastal pollution, vandalism, storms, bird life and motor vehicle collisions with poles
- Enhancement in streetscape appearances
- Reductions in the number of power surges and equipment damage, due to overhead line faults
- Better street lighting helps deter crime and improve road safety
- Reduction in street tree pruning
- Safer public environment eliminating potential hazards associated with broken wires on the ground and pruning of trees near power lines

AS part of this program, local governments are invited to nominate areas currently serviced by overhead power for conversion to underground power. The guidelines for these applications limit the size of proposals to about 1250 property lots for each stage.

All proposals are reviewed by a State Government Steering Committee, which recommends the approval of specific projects to the Minister for Energy. The State Government and Western Power provide 50% of the costs of approved projects. The property owners in the nominated areas are required to fund the remaining 50%. If the Duncraig proposal is approved, it is anticipated that the work would take place in two separate stages, which would be determined by Western Power.

Customer Service Number: Please contact our Customer Service Staff (Ph. 9400 4352) if you have any queries



UNDERGROUND POWER SURVEY DUNCRAIG AREA

SURVEY QUESTIONNAIRE

TO BE COMPLETED BY THE OWNER OF THE PROPERTY

Instructions

Please read the information contained in this brochure and then provide Council with your response to the Underground Power Survey by answering the questions listed below.

When you have completed the Questionnaire, please detach it along the centre perforation and place it in the pre-addressed, post-paid envelope provided and post it back to enable your views to be recorded.

Please return the completed Questionnaire by **29 May 2001**.

Please answer each question by ticking the box beside the answer which most closely coincides with your views.

1. In principle do you favour the installation of underground power in your area?
 Yes No
 2. Are you prepared to pay an average up-front cost of \$2,100* to install underground power to your residential property?
 Yes No
- *Please note that charges for commercial properties will vary according to electrical load.

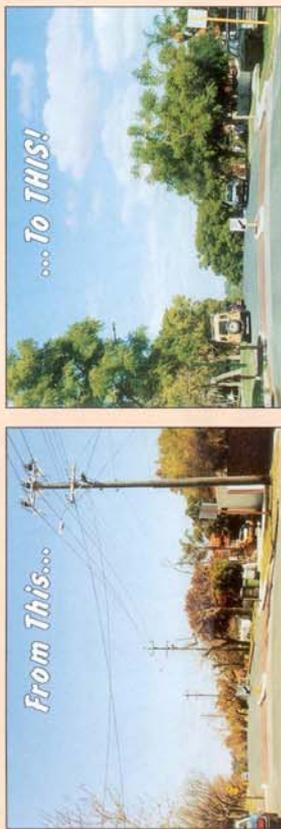
3. If 'Yes' to Question 2
 What would be your preferred payment option? (Your choice is not binding)

- Payment within 28 days
 - Payment by instalments* over:
 - 2 years
 - 3 years
 - 5 years
- *Please note that an annual simple interest charge (to be determined) is payable on outstanding amounts.

4. Are you satisfied with the current level of streetlighting in your street?
 Yes No

5. Your Street Address (Optional):

It is important to have your say on issues that affect you and your community.
 Thank you for your input.



Underground power dramatically improves the streetscapes, as shown in the typical suburban locality above.

Cost to the Ratepayer

The average charge for a single residential property would be about \$2,100. The charges for commercial properties, schools and other facilities would vary according to the estimated electrical load of the premises.

Transmission lines not included?

Western Power has a 132,000 volt transmission line situated in Glengarry Drive and Heppburn Avenue. Please refer to the drawing on the back of the Questionnaire, which is marked to illustrate the location of this line. This line would remain overhead in its current location due to the exorbitant cost of placing it underground.

Options for Extended Payment

If these proposals proceed, Council will offer property owners various payment options.



An underground power area in Duncraig.

What's involved in an Underground Power Project?

Underground cable systems are installed by below ground boring machines to reduce the extent of disruption to street verges and roadways. The need for open trenching is virtually eliminated. Ground mounted transformers installed in painted steel cabinets are placed at various carefully chosen locations at periodic intervals throughout the project area. New street lights are installed mounted on tapered steel columns.

Mini pillars are commonly installed at the front of properties to provide a connection point between the street mains and the new underground service to the property.

All high and low voltage overhead distribution power systems, poles, wires, street lights, transformers, etc, including the overhead wires that connect to individual properties, will be removed. Please note this would not include the transmission line in Glengarry Drive and Heppburn Avenue.



ABOVE: A below ground boring machine used to install underground cables.

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Typical Survey Questions

Your Street (optional).....

Do you support the installation of Underground Power in your area of Greenwood on the basis that you would need to make a financial contribution to the cost of the scheme?

Yes No

If you are prepared to pay a contribution, what payment option would you prefer? (tick one box only)

One payment within the first year (approx. \$5,500)

Extended payments (with interest charges) over:

2 years 3 years 4 years (approx. \$6,350)

Would you be prepared to pay an additional amount (approximately \$250-500) for decorative street lighting?

Yes No

What colour and type of lighting would you prefer?

Yellow White The most energy efficient The cheapest to install

Street lighting should be provided for?

Night Time Driving Night Time Walking Security Lighting for Property